West Valley Demonstration Project

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Resource Conservation and Recovery Act
Facility Investigation Report
Volume 10
Liquid Waste Treatment System

West Valley Demonstration Project
West Valley, New York

APPROVED BY Robert E. Steiner II R.E. Steiner II
Cognizant Engineer

APPROVED BY Carl L. Repp C.L. Repp
Cognizant Manager

West Valley Nuclear Services Co., Inc.
P.O. Box 191
West Valley, NY 14171-0191

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WEST VALLEY DEMONSTRATION PROJECT
WEST VALLEY, NEW YORK

Resource Conservation and Recovery Act Facility Investigation Report
Volume 10

Liquid Waste Treatment System

West Valley Nuclear Services Company, Inc.

and

Dames & Moore

WVDP-RFI-026

Prepared for:
U.S. Department of Energy
Ohio Field Office
West Valley Area Office

May 1997
10282 Rock Springs Road
P.O. Box 191
West Valley, New York 14171-0191

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Dames & Moore
for
West Valley Nuclear Services Co., Inc.
P.O. Box 191
Rock Springs Road
West Valley, New York 14171

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List of Acronyms and Abbreviations

ANOVA	Analysis of Variance
ASTM	American Society for Testing and Materials
BH	Borehole
CDDL	Construction and Demolition Debris Landfill
CFR	Code of Federal Regulations
CPC	Chemical Process Cell
Cs-137	Cesium-137
CSS	Cement Solidification System
EPA	(U.S.) Environmental Protection Agency
FRS	Fuel Receiving and Storage (Area)
FFCA	Federal Facility Compliance Act
GRITS/STAT	Groundwater Information Tracking System/STATistical Analysis System
HEPA	High-efficiency Particulate Air (Filter)
HLWTF	High-level Waste Tank Farm
IRTS	Integrated Radwaste Treatment System
LLWTF	Low-level Waste Treatment Facility
LWA	Lower Warm Aisle
LWC	Liquid Waste Cell
LWTS	Liquid Waste Treatment System
LXA	Lower Extraction Aisle
MCL	Maximum Concentration Limit
NFS	Nuclear Fuel Services, Inc.
NO_x	Oxides of Nitrogen
NPOC	Nonpurgeable Organic Carbon
NTA	Sodium Nitrilotriacetate
NYCRR	New York Codes, Rules, and Regulations
NYSDEC	New York State Department of Environmental Conservation
PCB	Polychlorinated Biphenyl
PCDD	Polychlorinated Dibenzo-p-dioxins
PCDF	Polychlorinated Dibenzofurans
PPC	Product Purification Cell
PUREX	Plutonium Uranium Reduction Extraction

List of Acronyms and Abbreviations *(concluded)*

QA	Quality Assurance
QAPjP	Quality Assurance Project Plan
QC	Quality Control
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
SMS	Sludge Mobilization and Wash System
SPDES	(New York) State Pollutant Discharge Elimination System
Sr-90	Strontium-90
SSWMU	Super Solid Waste Management Unit
STP	Site Treatment Plan
STS	Supernatant Treatment System
SVOC	Semivolatile Organic Compound
SWMU	Solid Waste Management Unit
TAGM	Technical and Administrative Guidance Memorandum
TAL	Target Analyte List
TBP	Tributyl Phosphate
TCL	Target Compound List
THOREX	Thorium Reduction Extraction Process
TIC	Tentatively Identified Compound
TOC	Total Organic Carbon
TOX	Total Organic Halogens
ULO	Uranium Loadout Area
UPC	Uranium Product Cell
USCS	Unified Soil Classification System
UWA	Upper Warm Aisle
UXA	Upper Extraction Aisle
VOA	Volatile Organic Analysis
VOC	Volatile Organic Compound
WNYNSC	Western New York Nuclear Service Center
WVDP	West Valley Demonstration Project
XC	Extraction Cell
XCR	Extraction Chemical Room
Y-90	Yttrium-90

Key to Analyte Abbreviations in Appendices

ABBREVIATIONS	ANALYTES
VOLATILES	
acetone	Acetone
acnitril	Acetonitrile
acrolein	Acrolein
acrynitr	Acrylonitrile
allylcl	Allyl chloride
benzene	Benzene
br_meth	Methyl bromide
brdcmeth	Bromodichloromethane
brform	Bromoform
c_13_dcp	cis-1,3-Dichloropropene
cc14	Carbon tetrachloride
cl_benz	Chlorobenzene
cl_eth	Chloroethane
cl_form	Chloroform
cl_meth	Methyl chloride
cl_prene	Chloroprene
clevthr	2-Chloroethylvinyl ether
cs2	Carbon disulfide
dbc_meth	Dibromochloromethane
dbc_prop	1,2-Dibromo-3-chloropropane
dbeth_12	1,2-Dibromoethane
dca_11	1,1-Dichloroethane
dca_12	1,2-Dichloroethane
dcdfmeth	Dichlorodifluoromethane
dce_11	1,1-Dichloroethylene

Key to Analyte Abbreviations in Appendices
(continued)

ABBREVIATIONS	ANALYTES
dcp_12	1,2-Dichloropropane
diox_14	1,4-Dioxane
eth_benz	Ethyl benzene
eth_meth	Ethyl methacrylate
hexnone2	2-Hexanone
ibut_alc	Isobutyl alcohol
meacryln	Methacrylonitrile
mek	Methyl ethyl ketone
mene_br	Methylene bromide
mene_cl	Methylene chloride
meth_i	Methyl iodide
methmeac	Methyl methacrylate
mibk	4-Methyl-2-pentanone
picoline	2-Picoline
pntcleth	Pentachloroethane
propnitl	Propionitrile
pyridine	Pyridine
styrene	Styrene
t_13_dcp	trans-1,3-Dichloropropene
t_14dc2b	trans-1,4-Dichloro-2-butene
tca_111	1,1,1-Trichloroethane
tca_1112	1,1,1,2-Tetrachloroethane
tca_112	1,1,2-Trichloroethane
tca_1122	1,1,2,2-Tetrachloroethane
tcf_meth	Trichlorofluoromethane
tcp_123	1,2,3-Trichloropropane
tetcleth	Tetrachloroethylene

Key to Analyte Abbreviations in Appendices
(continued)

ABBREVIATIONS	ANALYTES
toluene	Toluene
tricleth	Trichloroethylene
vnyl_ace	Vinyl acetate
vnyl_cl	Vinyl chloride
xylene	Xylene (Total)
PESTICIDES and PCBs	
a_bhc	alpha-BHC
aldrin	Aldrin
b_bhc	beta-BHC
chlrdane	Chlordane (Total)
d_24	2,4-D
d_bhc	delta-BHC
ddd_44	4,4′-DDD
dde_44	4,4′-DDE
ddt_44	4,4′-DDT
dieldrin	Dieldrin
dinoseb	Dinoseb
disulftn	Disulfoton
endos_1	Endosulfan I
endos_2	Endosulfan II
endos_s	Endosulfan sulfate
endrin	Endrin
endrn_al	Endrin aldehyde
endrn_kt	Endrin ketone
g_bhc	gamma-BHC (Lindane)
hept_clr	Hepatachlor

Key to Analyte Abbreviations in Appendices
(continued)

ABBREVIATIONS	ANALYTES
hept_epx	Hepatachlor epoxide
meth_par	Methyl parathion
meth_xcl	Methoxychlor
pcb_1016	PCB-1016
pcb_1221	PCB-1221
pcb_1232	PCB-1232
pcb_1242	PCB-1242
pcb_1248	PCB-1248
pcb_1254	PCB-1254
pcb_1260	PCB-1260
phorate	Phorate
silvex	Silvex
t_245	2,4,5_T
toxaphen	Toxaphene
METALS	
ag_t	Silver
al_t	Aluminum
as_t	Arsenic
b_t	Boron
ba_t	Barium
be_t	Beryllium
ca_t	Calcium
cd_t	Cadmium
co_t	Cobalt
cr_t	Chromium
cu_t	Copper
fe_t	Iron

Key to Analyte Abbreviations in Appendices
(continued)

ABBREVIATIONS	ANALYTES
hg_t	Mercury
k_t	Potassium
mg_t	Magnesium
mn_t	Manganese
mo_t	Molybdenum
na_t	Sodium
ni_t	Nickel
pb_t	Lead
sb_t	Antimony
se_t	Selenium
sn_t	Tin
ti_t	Titanium
tl_t	Thallium
v_t	Vanadium
zn_t	Zinc

Key to Analyte Abbreviations in Appendices
(continued)

ABBREVIATIONS	ANALYTES
SEMIVOLATILES	
aadimthp	alpha, alpha-Dimethylphenethylamine
aceanf12	2-Acetylaminofluorene
acetophn	Acetophenone
acnphthe	Acenaphthene
acnphthy	Acenaphthylene
amnobph4	4-Aminobiphenyl
aniline	Aniline
antracn	Anthracene
aramite	Aramite
benz_alc	Benzyl alcohol
benzdine	Benzidine
bis2ceth	Bis(2-chlorethyl)ether
bis2cexy	Bis(2-chloroethoxy)methane
bis2clis	Bis(2-chloroisopropyl)ether
bis2ehex	Bis(2-ethylhexyl)phthalate
bnz_a_an	Benzo[a]anthracene
bnz_a_py	Benzo[a]pyrene
bnz_b_fl	Benzo[b]fluoranthene
bnz-k-fl	Benzo[k]fluoranthene
bnzc_acd	Benzoic acid
bnzghipr	Benzo[ghi]perylene
brppeth4	4-Bromophenyl phenyl ether
butbnzph	Butyl benzyl phthalate
carbazol	Carbazole
chppeth4	4-Chlorophenyl phenyl ether
chrysene	Chrysene

Key to Analyte Abbreviations in Appendices
(continued)

ABBREVIATIONS	ANALYTES
clbnzilt	Chlorobenzilate
clnapht2	2-Chloronaphthalene
clphen_2	2-Chlorphenol
dbahanth	Dibenz[a,h]anthracene
dcb_33	3,3′-Dichlorobenzidine
dethylpy	0,0-Diethyl 0-2-pyrazinyl-phosphorothiaoate
diallate	Diallate
dibnzfur	Dibenzofuran
diclph24	2,4-Dichlorophenol
diclph26	2,6-Dichlorophenol
diethyph	Diethyl phthalate
dimthoat	Dimethoate
dimthp24	2,4-Dimethylphenol
dimthyph	Dimethyl phthalate
dinbutph	Di-n-butyl phthalate
dinoctph	Di-n-octyl phthalate
dintrp24	2,4-Dinitrophenol
dintrt24	2,4-Dinitrotoluene
dintrt26	2,6-Dinitrotoluene
diphhy12	1,2-Diphenylhydrazine
diphnyam	Diphenylamine
dmb_33	3,3′-Dimethylbenzidine
dmb_7_12	7,12-Dimethylbenz[a]anthracene
dntrcr46	4,6-Dinitro-o-cresol
ethmthsl	Ethyl methanesulfonate
famphur	Famphur
flranthn	Fluoranthene

Key to Analyte Abbreviations in Appendices
(continued)

ABBREVIATIONS	ANALYTES
fluorene	Fluorene
hexclbnz	Hexachlorobenzene
hexclbut	Hexachlorobutadiene
hexcleth	Hexachloroethane
hexclpen	Hexachlorocyclopentadiene
hexclphn	Hexachlorophene
hexclpro	Hexachloropropene
indnpyre	Indeno(1,2,3,-cd)pyrene
isodrin	Isodrin
isophron	Isophorone
isosfrol	Isosafrole
kepone	Kepone
m_cresol	m-Cresol
m_dclbnz	m-Dichlorobenzene
m_dntbnz	m-Dinitrobenzene
m_ntranl	m-Nitroaniline
me_mnso4	Methyl methanesulfonate
mthchla3	3-Methylcholanthrene
mthpriln	Methapyrilene
mthynph2	2-Methylnaphthalene
n_dodcan	N-Dodecane
naphthal	Naphthalene
naphthy2	2-Naphthylamine
nntrethy	N-Nitrosodiethylamine
nntrmeet	N-Nitrosomethylethylamine
nntrmorp	N-Nitrosomorpholine
nntrmthy	N-Nitrosodimethylamine

Key to Analyte Abbreviations in Appendices
(continued)

ABBREVIATIONS	ANALYTES
nntrnbut	N-Nitrosodi-n-butylamine
nntrphny	N-Nitrosodiphenylamine
nntrpipr	N-Nitrosopiperidine
nntrprpy	N-Nitrosodi-n-propylamine
nntrpyrr	N-Nitrosopyrrolidine
nphthy11	1-Naphthylamine
npthqn14	1,4-Naphthoquinone
ntr5_otl	5-Nitro-o-toluidine
ntrobenz	Nitrobenzene
ntrq4_lo	4-Nitroquinoline 1-oxide
o_cresol	o-Cresol
o_dclbnz	o-Dichlorobenzene
o_ntranl	o-Nitroaniline
o_ntrphn	o-Nitrophenol
o_toludn	o-Toluidine
p_dclbnz	p-Dichlorobenzene
p_ntranl	p-Nitroaniline
p_ntrphn	p-Nitrophenol
p_cresol	p-Cresol
p_phndam	p-Phenylenediamine
parthion	Parathion
pclranil	p-Chloroaniline
pclrmcrs	p-Chloro-m-cresol
pdimthaz	p-(Dimethylamino)azobenzene
phenol	Phenol
phnacetn	Phenacetin
phnanthr	Phenanthrene

Key to Analyte Abbreviations in Appendices
(concluded)

ABBREVIATIONS	ANALYTES
pntclbnz	Pentachlorobenzene
pntclnbn	Pentachloronitrobenzene
pntclphn	Pentachlorophenol
prnamide	Pronimide
pyrene	Pyrene
safrole	Safrole
symtrbnz	sym-Trinitrobenzene
tcb_124	1,2,4-Trichlorobenzene
tcb_1245	1,2,4,5-Tetrachlorobenzene
tclph245	2,4,5-Trichlorophenol
tclph246	2,4,6-Trichlorophenol
tcph2346	2,3,4,6-Tetrachlorophenol
trbutphs	Tributyl phosphate
triethph	0,0,0-Triethyl phosphorothiaoate
ttraethd	Tetraethyl dithiopyrophosphate

Key to Analyte Abbreviations for Tentatively Identified Compounds
in Appendices

ABBREVIATIONS	ANALYTES
VOLATILES	
hexane	Hexane
tctf_eth	Ethane, 1,1,2-Trichloro, 1,2-Trifluoro
toluene	Toluene
SEMIVOLATILES	
butoxeth	Ethanol -2(2-Butoxyethoxy)
camphene	Camphene
cyclhptr	1,3,5-Cycloheptatriene
cyclobut	Cyclobutene, Z-Propenylidine
dietgyac	Dithylene Glycol Monobutyl Ether Acetate
docosane	Docosane
hexlmeth	Hexanedioic acid, bis (1-meth...)
hexacdio	Hexanedioic acid, dioctyles
hexdcac9	9-Hexadecenoic Acid
hexdcacd	Hexadecanoic Acid
octconte	1-iodo-Octatetracontane
pntdecan	Pentadecane
tetrdcac	Tetradecanoic Acid
tetrdencn	Tetradecane
undecane	Undecane

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1.0 Introduction

1.1 Purpose and Objective

The purpose and objective of the Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) is to determine the nature and extent of releases of hazardous waste or hazardous constituents, as defined in Section III of the Administrative Order on Consent [Docket No. II RCRA-3008(h)-92-0202], from solid waste management units (SWMUs) at the West Valley Demonstration Project (WVDP). Pursuant to the RFI Work Plan (West Valley Nuclear Services Co., Inc. December 16, 1993), the primary goal of this investigation is to collect and evaluate information to determine which of the following actions are appropriate for each SWMU or super SWMU (SSWMU): no further action, a corrective measures study, or additional investigations to support one of the other actions.

The intent of this particular volume, Volume 10 of the Resource Conservation and Recovery Act Facility Investigation Report, Liquid Waste Treatment System, is threefold: 1) to detail the source and contamination characteristics of the liquid waste treatment system (LWTS) SSWMU; 2) to identify any potential receptors of contamination that exists as a result of LWTS operations; and 3) to develop conclusions and recommendations regarding information specific to the contamination assessment of the facilities obtained during the RFI.

General information pertaining to the Western New York Nuclear Service Center (WNYNSC), the regulatory history of the WVDP, the environmental setting of the site, and potential receptors of contaminants is contained in Volume 1 of the Resource Conservation and Recovery Act Facility Investigation Report, Introduction and General Site Overview (West Valley Nuclear Services Co., Inc. March 1995).

1.2 Information Contained in this Report

Twelve SSWMUs at the WVDP were identified in the RFI Work Plan. This volume of the RFI report, Volume 10, contains information resulting from the investigation of SSWMU #3, the LWTS (Fig. 1-1).

The location, design features, recent operating history, and waste management activities at SSWMU #3 are described in section 2.0. Environmental characterization information is found in section 3.0. Information on potential receptors of contamination is in section 4.0. Conclusions and recommendations are in section 5.0.

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2.0 Source Characterization

The LWTS is one component of the WVDP's integrated radioactive waste treatment system (IRTS). The IRTS was designed to process the low-level radioactive supernatant associated with the approximately 2,271,000 liters (600,000 gal) of high-level radioactive liquid waste stored in high-level waste storage tank 8D-2 (Fig. 2-1). This liquid had remained from Nuclear Fuel Services, Inc. (NFS) nuclear fuel reprocessing operations and was originally present in two phases: a sludge layer at the bottom of the tank and an overlying saline supernatant. In addition to processing the supernatant, the IRTS also was used to process sludge wash solutions generated during washing of the sludge layer. The following waste treatment systems together comprise the IRTS:

- Supernatant Treatment System (STS). The STS is a zeolite ion-exchange system designed primarily to remove radioactive cesium from the high-level PUREX (plutonium uranium reduction extraction process) supernatant and sludge in tank 8D-2, resulting in the production of a low-level fraction that is subsequently treated in the LWTS. The high-level supernatant was pumped from tank 8D-2 and was treated in the STS between May 1988 and January 1991. The STS also was used from 1991 to 1995 to primarily remove radioactive cesium from sludge washes generated from the sludge mobilization and wash system (SMS) described below. (See Resource Conservation and Recovery Act Facility Investigation Report Volume 8, High-level Waste Storage and Processing Area, for additional information on the STS [West Valley Nuclear Services Co., Inc. April 1997].)

- Sludge Mobilization and Wash System. The SMS was designed to remove sulfate salts from the sludge in tank 8D-2 using a dilute caustic wash solution to dissolve the salts. Once a wash cycle was completed, the wash water was treated in the STS. Two sludge-wash cycles were completed between April 1992 and July 1994, and a third sludge wash was completed in May 1995. During this third sludge wash campaign, THOREX (thorium extraction reduction process) waste in tank 8D-4 was transferred to tank 8D-2, where the combined PUREX/THOREX mixture was washed.

- Liquid Waste Treatment System. The LWTS uses a high-efficiency evaporator to concentrate the low-level radioactive liquid waste generated from the STS. The LWTS has been used since May 1988 to process the low-level fraction of the supernatant and sludge wash solutions. The LWTS produces a distillate waste stream and a concentrates waste stream. The distillate from the LWTS is treated by a dedicated zeolite ion-exchange unit and then transferred to the low-level waste treatment facility (LLWTF) for further treatment. (See Resource Conservation and Recovery Act Facility Investigation Report Volume 4, Low-level Waste Treatment Facility, for additional information on the LLWTF [West Valley Nuclear Services Co., Inc. January 1997].) The radioactive concentrates from the LWTS are transferred to the cement solidification system (CSS), where they are stabilized in Portland cement.

  The LWTS also will be used to process the melter-feed preparation steam condensates that will be generated during the vitrification of high-level waste, currently scheduled to run from 1996 to 1998. After these waste streams are processed in the LWTS, the distillates will be sent to the LLWTF and the concentrates will be returned to the vitrification system for processing. Additionally, as identified in the Federal Facility Compliance Act (FFCA) Site Treatment Plan (STP), the LWTS may be utilized in the future to treat certain mixed wastes.

- Cement Solidification System. The CSS was designed to stabilize the low-level, nonwastewater concentrates produced from the LWTS evaporator. The evaporator concentrates are blended with a specially formulated dry Portland cement mixture to produce solidified waste in 269-liter (71-gal), plastic-lined square steel drums. The filled drums are stored in the WVDP IRTS drum cell.

The LWTS and the CSS comprise a linked operation and are described in this RFI report. This source and waste characterization section thus describes the operating history and waste management practices associated with the facilities comprising the LWTS and CSS from the start of NFS' nuclear fuel reprocessing in 1966 through the use of these rooms and cells by the WVDP from 1982 to the present. The source and waste characterization was developed from a review of historical NFS operations and current WVDP operational practices at the LWTS, including personnel interviews, in order to evaluate whether RCRA hazardous waste or hazardous constituents were or are currently being managed in the facilities comprising SSWMU #3.

2.1 Unit and Process Description

The primary components of the LWTS are located in the south end of the process building in the uranium product cell (UPC), extraction cell (XC) #3, and the product purification cell (PPC) (Fig. 2-2). These are stainless steel-lined cells that formerly supported the NFS nuclear fuel reprocessing operation. They were designed to prevent the release of any radioactive material to the environment. LWTS operations in these cells are supported by ancillary equipment and piping located in the extraction chemical room (XCR), the lower warm aisle (LWA) pump niches, the lower extraction aisle (LXA), the upper extraction aisle (UXA), and the uranium loadout area (ULO). These rooms and aisles were also used to support NFS nuclear fuel reprocessing operations.

The floors, walls, and ceilings of the cells were constructed of reinforced concrete that are up to 0.91 meters (3 ft) thick. The welded stainless steel liners in these cells had sufficient secondary containment capacity to contain any liquid that may have leaked from the in-cell equipment during fuel reprocessing. Any spilled liquid would have drained to stainless steel-lined sumps in the cells. The sumps were equipped with eductors that allowed the liquid to be jetted to the high-level waste tanks for management.

The LWTS operates in the following manner: treated liquid radioactive waste from the STS or SMS is transferred to a feed tank (5D15B) in the UPC. This liquid is transferred to the LWTS evaporator (EVAP 31017) in XC #3 (Fig. 2-3). The evaporator produces two waste streams: a distillate waste stream and a concentrates waste stream. The distillate is transferred to a zeolite ion-exchanger in XC #3 that uses naturally occurring hydrous alumino-silicate minerals to remove residual cesium-137 (Cs-137) and strontium-90 (Sr-90). Once the distillate passes through the ion-exchanger, it is sent via the interceptors to the LLWTF for additional treatment before it is discharged through a State Pollutant Discharge Elimination System (SPDES)-permitted outfall to Erdman Brook. (See Fig. 2-3.) The evaporator concentrates (bottoms) are pumped to tank 5D15A1/5D15A2 in the UPC and then to the CSS where they are stabilized in Portland cement.

The containment ability of the cells, their use during NFS reprocessing operations, and their current use in support of LWTS operations are described in the following paragraphs.

2.1.1 Uranium Product Cell

The UPC is an 8.1-meter (26.5-ft) wide, 11.9-meter (39.0-ft) long, and 3.9-meter (12.75-ft) high reinforced concrete cell located on the first floor in the southeast corner of the process building between the PPC to the south and fuel receiving and storage (FRS) to the north (Burn 1983). (See Fig. 2-2.) The UPC contains the LWTS feed tank 5D15B and the LWTS concentrates hold tanks 5D15A1 and 5D15A2.

The concrete walls and ceiling of the UPC are 0.30 to 0.53 meters (1.0 to 1.75 ft) thick. The concrete floor is 0.53 to 0.76 meters (1.75 to 2.5 ft) thick and is covered with a welded 304L stainless steel liner that extends 0.45 meters (1.5 ft) up the walls of the cell, providing approximately 43,232 liters (11,422 gal) of spill containment. A stainless steel-lined sump is located in the floor in the middle of the cell. The sump contains a removable plug that allows any collected liquid to drain by gravity to the LLWTF for management.

The UPC contains two horizontal 56,775-liter (15,000-gal) 304L stainless steel storage tanks that are 2.9 meters (9.5 ft) in diameter and 8.2 meters (27 ft) in length. One of the tanks (tank 5D15A1/5D15A2) is divided into two compartments, with 5D15A1 having a capacity of 37,850 liters (10,000 gal) and tank 5D15A2 a capacity of 18,925 liters (5,000 gal). During NFS reprocessing operations tank 5D15A1 was called the low enriched uranium product storage tank and it was used to store uranyl nitrate solution awaiting shipment. Tank 5D15A2 was called the low enriched uranium off-specification tank and it was used to store off-specification uranyl nitrate solution. The second tank, the low enriched uranium storage tank (5D15B), was also used to store uranyl nitrate solution awaiting shipment.

A general cleanup was performed in the UPC in April 1972 and December 1973 (Riethmiller June 12, 1981). Trash and equipment was boxed and removed from the UPC. The floor and walls were flushed, scrubbed, and hydrobrushed. The type or volume of decontamination solutions used in the cleanup are unknown; however, it is likely that Chem-Clean® or a solution of Radiacwash® and sodium nitrilotriacetate (NTA) was used in the cleanup (Riethmiller June 12, 1981). These decontamination solutions contain no RCRA hazardous constituents defined in 6 New York Codes, Rules, and Regulations (NYCRR) Part 371 Appendix 23.

The UPC was chosen to support operation of the LWTS because it contained tanks 5D15B and 5D15A1/5D15A2 and because it is next to the extraction cells. The WVDP decontaminated the UPC between July 1985 and February 1986 to prepare it to support LWTS operations (Phillips 1986). In 1985 tank 5D15B was empty and tanks 5D15A1 and 5D15A2 contained 7,919 liters (2,092 gal) and 4,123 liters (1,089 gal) of uranyl nitrate solution, respectively. The uranyl nitrate solution and two 1,000-liter (264-gal) water rinses of tank 5D15A1 and tank 5D15A2 were transferred to tank 5V-1 in the ULO. The total volume of liquid in tank 5V-1 after decontamination activities was about 16,000 liters (4,226 gal). In late 1985 these solutions were stabilized in Portland cement during the first radioactive operation of the CSS (West Valley Nuclear Services Co., Inc. July 1994).

The walls, ceiling, floor, piping, and tanks of the UPC were decontaminated with a high-pressure water spray into which wash solutions could be injected. The floor was buffed, covered with a strippable coating, and the floor, walls, and ceiling were painted. The outsides of the tanks were also scrubbed with scouring pads. Portions of the south wall of the UPC were decontaminated with 0.5M hydrochloric acid (Phillips 1986). During decontamination, a sump pump was placed in the UPC sump and a hose was run from the sump pump to the sump in the PPC. Any liquids in the sump would have been transferred sequentially to tank 13D-8 in the liquid waste cell (LWC) and then to tank 8D-2 in the high-level waste tank farm (HLWTF) for management.

Tank 5D15B is the feed tank for the LWTS evaporator. (See Fig. 2-3.) Tank 5D15B received treated supernatant and sludge washes from the STS hold tank 8D-3 between May 1988 and May 1995. Tank 5D15B will also receive melter-feed preparation steam condensates generated during vitrification of the radioactive sludge from tank 8D-2. Once this waste stream is processed through the LWTS, the distillates will be sent to the LLWTF and the concentrates will be returned to the vitrification system for processing.

Tank 5D15A1/5D15A2 is now called the LWTS concentrates hold tank and it receives the LWTS evaporator concentrates. This material is pumped to the waste-dispensing vessel (tank 70D-001) in the CSS where it is stabilized in Portland cement and stored in the WVDP IRTS drum cell, which is located approximately 610 meters (2,000 ft) southeast of the process building.

A review of operating records indicates that RCRA-listed hazardous waste or hazardous constituents were not managed in the UPC during NFS operations. During the operation of the LWTS, tanks 5D15B and 5D15A1/5D15A2 were used to manage RCRA-characteristic waste with the following waste codes: barium (D005), cadmium (D006), chromium (D007), mercury (D009), selenium (D010), and silver (D011). This waste is treated in the LWTS evaporator and the concentrates are then stabilized in Portland cement in the CSS. There have been no known releases of liquid from the UPC to the environment. Any liquid that would have spilled during NFS or LWTS operations would be contained by the cell's stainless steel liner and sump.

2.1.2 Extraction Cell #3

Extraction cell #3 (XC #3) is a 4.6-meter (15-ft) wide, 6.5-meter (21.25-ft) long, and 17.4-meter (57-ft) high reinforced concrete cell located east of and immediately adjacent to XC #2 at the south end of the process building (Burns 1983). (See Fig. 2-2.) XC #3 contains the LWTS high-efficiency evaporator 31017, distillate surge tank D-005, the zeolite ion-exchanger D-003, and the spent zeolite storage tank D-007.

The concrete floor and ceiling of XC #3 are 0.91 meters (3 ft) thick and the concrete walls are 0.46 to 0.91 meters (1.5 to 3 ft) thick. The floor is lined with welded 304L stainless steel that extends up the walls to a height of 0.46 meters (1.5 ft), providing approximately 13,545 liters (3,568 gal) of spill containment. The remainder of the walls are covered with carboline-based paint. A stainless steel-lined sump is located in the floor midway along the west wall. Any liquid that may accumulate in the sump is transferred via eductor 15H-11 to the solvent waste hold tank (13D-8) in the LWC. The waste in this tank was periodically transferred to the HLWTF for management. There is no underground piping beneath XC #3.

Four pump niches, two in the LWA and two in the upper warm aisle (UWA) (Fig. 2-2), drain into XC #3. During nuclear fuel reprocessing these pump niches contained pumps that supplied a 70% n-dodecane/30% tributyl phosphate solution (TBP/n-dodecane) to XC #3.

During fuel reprocessing XC #3 contained process vessels and piping that supported the solvent extraction process. An aqueous uranyl nitrate solution and a plutonium nitrate solution, both containing small amounts of fission products, were processed in XC #3. Chemicals used in the solvent extraction process included TBP/n-dodecane, nitric acid, ferrous sulfamate, hydroxylamine nitrate, sodium nitrate, and sodium bicarbonate.

The uranyl nitrate and plutonium nitrate solutions may have contained trace amounts of mercuric nitrate. From 1966 to mid-1967, a 0.1M solution of mercuric nitrate was added to the dissolver off-gas scrubber in the off-gas cell to remove iodine-131 from the dissolver off-gas generated in the chemical process cell (CPC)

(Duckworth November 18, 1982). The solution was periodically replaced after the spent mercuric nitrate solution in the scrubber was transferred to the dissolvers in the CPC. The spent mercuric nitrate solution would have been transferred to the extraction cells along with the dissolved uranium and plutonium for solvent extraction. Most if not all of the mercuric nitrate is expected to have been transferred to tank 8D-2 with the aqueous waste streams generated in XC #1 and XC #2. (See the Sealed Rooms Paper Characterization for a detailed description of the LWC [West Valley Nuclear Services Co., Inc. June 7, 1994].)

NFS decontaminated XC #3 between March and December 1972 (Riethmiller June 12, 1981). The interior of the cell was flushed with water; the pump niches in the lower and UWA that drained into XC #3 were flushed with water, sodium tartrate decontamination solution, and a solution of Chem-Clean® and NTA. (The sodium tartrate decontamination solution was a mixture of water, 18M sodium hydroxide, and tartaric acid [Riethmiller June 12, 1981].) The vessels in XC #3 were flushed with decontamination solutions that contained water, sodium hydroxide, potassium permanganate, potassium dichromate, oxalic acid, citric acid, and tartaric acid. See Appendix A for the chemical make-up of the various decontamination solutions used by NFS. The spent decontamination solutions used in XC #3 were transferred to the high-level waste tanks for management. Potassium dichromate is the only RCRA hazardous constituent present in these decontamination solutions. None is expected to have remained in XC #3 after the repeated flushes of water that were passed through the process equipment after the application of the decontamination solutions.

The WVDP decontaminated XC #3 between January 1982 and April 1985 to prepare it for the LWTS (Jones 1985). All piping, tanks, extraction columns, and support beams and platforms were removed through the roof hatch connecting to the XCR. Before their removal all vessels and piping were drained and the liquid transferred to tank 13D-8 in the LWC. All vessels were sprayed with a fixative coating to reduce airborne contamination. Larger vessels were size-reduced, packaged, and placed in storage on-site. The walls and floor were cleaned with alkaline and acidic cleaners, flushed with water, and the flush water was transferred via the sump to tank 13D-8 in the LWC and subsequently transferred to tank 8D-2. All concrete surfaces were painted with an epoxy paint.

The principal components of the LWTS are housed in XC #3. Treated supernatant or sludge wash from the LWTS feed tank 5D15B in the UPC is transferred to the high-efficiency evaporator 31017 in XC #3 (Fig. 2-3), where it is concentrated by boiling. When the liquid in the evaporator reaches a designated specific gravity, the concentrate is transferred to storage tanks 5D15A1/5D15A2 in the UPC. The vapor from the evaporator is condensed, forming a distillate that is transferred to the distillate surge tank D-005 in XC #3.

The distillate surge tank D-005 is a dual stainless steel tank with a total capacity of 3,785 liters (1,000 gal). Both sides of the tank are equipped with level indicators, high- and low-level alarms, and high- and low-level trip pumps/eductors that divert the contents to the evaporator or to the zeolite ion-exchanger D-003. (See Fig. 2-3.) If the distillate radiation levels are greater than 5.0E-03 μCi/mL, the distillate is transferred back to the evaporator for further processing. If the radiation levels of the distillate are less than 5.0E-03 μCi/mL, the distillate is transferred to the zeolite ion-exchanger D-003 in XC #3. The zeolite, a group of naturally occurring hydrous alumino-silicate minerals, removes residual Cs-137 and to a lesser extent Sr-90 from the evaporator distillates by ion-exchange processes that exchange these radioisotopes with sodium and calcium from the zeolite. The sodium-rich zeolite clinoptilolite and erionite and the calcium-rich zeolite chabazite are the primary zeolite present in D-003.

Once the distillate passes through the ion-exchanger the treated effluent is piped to a floor drain in the ULO. (See Fig. 2-2.) The distillate drains to the LLWTF where it undergoes further treatment before being discharged from SPDES-permitted outfall 001 into Erdman Brook.

Although it has not been necessary to replace the zeolite to date, spent zeolite can be transferred to the spent zeolite hold tank D-007 in XC #3. Fresh zeolite can be supplied to D-003 from the zeolite resin addition tank D-004 located in the XCR (Fig. 2-4).

This review of the operational history of XC #3 indicates that no RCRA-listed hazardous waste was managed in XC #3 during NFS operations. The LWTS has been used to process RCRA-characteristic hazardous waste from tanks 8D-2 and 8D-4 (supernatant and sludge wash solutions) that exhibits the following characteristics: barium (D005), cadmium (D006), chromium (D007), mercury (D009), selenium (D010), and silver (D011). There have been no known releases of any material from XC #3 and releases are considered unlikely since XC #3 is lined with a welded stainless steel liner and the floor is 0.91 meters (3 ft) thick. There have been no reported releases of liquid from any of the equipment in XC #3 during NFS or WVDP operations that would have exceeded the containment capacity of the liner.

2.1.3 Off-gas Acid Recovery Building

The off-gas acid recovery building (01-14) is a four-story, 13.41-meter (44-ft) tall concrete building located next to the southwest corner of the process building. (See Fig. 2-1.) This building was built in 1971 to house the new NFS off-gas system and acid recovery systems, which were located in the off-gas treatment cell and acid fractionator cell portions of the building. These two systems were never used by NFS and were never connected to the process building facilities. Since the off-gas and acid recovery systems in 01-14 were never used by NFS, RCRA hazardous waste or hazardous constituents are not expected to have been released from the units housing these systems during NFS' tenure at the site.

The 01-14 building currently houses the CSS and the off-gas system for the vitrification facility. The CSS is described in section 2.1.3.1 and the vitrification off-gas system is described in section 2.1.3.2.

2.1.3.1 Cement Solidification System

During LWTS operation, the CSS receives the low-level LWTS evaporator concentrates and stabilizes them in Portland cement for storage. Radioactive waste-processing operations in the CSS occur on the first floor of 01-14 in the waste-dispensing cell, which contains a waste-dispensing vessel, and in the process cell, which contains the waste-dispensing pump, two high-shear mixers, and drum-handling equipment. Nonradioactive operations are conducted on the second floor of 01-14, which houses the gravimetric cement feeder. The cement bulk storage silo and associated equipment are located on a steel platform outside the south side of 01-14.

Tank 70D-001, the waste dispensing vessel, receives concentrated radioactive liquid waste from tank 5D15A1 or 5D15A2 in the UPC. The waste is pumped into one of two high-shear mixers where it is mixed with a dry Portland Type I cement from the gravimetric feeder located on the second floor of 01-14. The radioactive waste-cement mixture is then drained into 269-liter (71-gal) square steel drums. Once filled, the drums are remotely sealed and are surveyed for external surface contamination. Drums with unacceptable levels of

contamination are manually decontaminated. The drums are then transported by a shielded cask truck to the WVDP IRTS drum cell for storage.

Sodium silicate is added to the Portland cement in the high-shear mixers. Calcium nitrate and antifoaming agents are also added to the waste/cement mixture to minimize void spaces in the cement. The antifoaming agent, AF9020, is a liquid silicone antifoam emulsion that does not contain any RCRA hazardous constituents.

Two sumps in the waste dispensing cell collect any liquid that may spill during operations. Any liquid in the sumps is transferred to tank 7D-13, which is located below ground approximately 15.24 meters (50 ft) north of the 01-14 building. Liquid in tank 7D-13 is periodically transferred to the LLWTF for management.

The concentrated liquid radioactive waste processed in the CSS is a mixed radioactive hazardous waste exhibiting RCRA-defined hazardous toxicity characteristics for metals. However, there are no indications that any of this waste has been released to the environment during operation of the CSS. Once the waste has been stabilized in Portland cement, the solid waste form is no longer RCRA hazardous as demonstrated by sampling and analysis (West Valley Nuclear Services Co., Inc. July 1994).

2.1.3.2 Vitrification Off-gas System

Gases generated from the vitrification cell equipment during the vitrification of high-level waste will be transferred to and treated in the vitrification off-gas system located in the 01-14 building. This system is located on the north side of 01-14 in the off-gas treatment cell, which is approximately 4.57 meters (15 ft) in length and width and extends from a plant elevation of 29.9 to 43.9 meters (98 to 144 ft). The concrete walls, floor, and roof of this cell are 2.0 meters (6.56 ft) thick. The floor is covered with a welded stainless steel liner that extends 0.46 meters (1.5 ft) up the walls of the cell and provides approximately 9,558 liters (2,525 gal) of secondary containment.

Since 01-14 contained the NFS off-gas equipment and allowed access to the process building's main stack, it was selected for the final treatment of the off-gas that will be generated by the vitrification cell melter and vessel vent system. The off-gases generated by vitrification will be scrubbed initially and passed through high-efficiency particulate air (HEPA) filters located in the vitrification cell to remove particulates. This filtered off-gas stream will then be transferred to the 01-14 building for further processing via an insulated 250-millimeter (10-in) diameter duct in the off-gas trench. The off-gas trench is an underground shielded concrete transfer trench located on the west side of the process building between the vitrification facility and 01-14. During vitrification, the off-gas trench will be maintained at a negative pressure to prevent any releases to the environment.

Once in 01-14, the melter off-gas will be passed in series through two reheaters, two banks of HEPA filters, a preheater, and a selective catalytic reactor to remove particulates and to destroy oxides of nitrogen (NO_x) present in this waste stream. The catalytic reactor uses ammonia to assist in the destruction of No_x. The ammonia is stored in a tank outside 01-14 at a plant elevation of 35.8 meters (117.5 ft). Three electrically powered blowers in the blower room on the fourth floor of 01-14 will transfer the treated gases to the process building main stack. Since the vitrification off-gas system has not yet been used, there have not been any releases of RCRA hazardous waste or constituents from this unit.

2.1.4 Product Purification Cell

The PPC is a reinforced concrete cell located east of and immediately adjacent to XC #3 at the south end of the process building. (See Fig. 2-2.) The PPC currently contains valves and piping used to support operation of the LWTS in XC #3.

The PPC is 4.9 meters (16 ft) wide, 6.5 meters (21.25 ft) long, and 17.4 meters (57 ft) high (Burn 1983). The concrete floor, ceiling, and walls are 0.91 meters (3 ft) thick. The floor is lined with welded 304L stainless steel that extends up the walls to a height of 0.46 meters (1.5 ft), providing approximately 14,448 liters (3,806 gal) of spill containment. The remainder of the walls are covered with carboline-based paint. A 3.785-liter (1-gal) stainless steel-lined sump is located in the floor midway along the east wall of the PPC. Liquids in the sump are transferred via eductor 15H-8 to the solvent waste hold tank (13D-8) in the LWC (West Valley Nuclear Services Co., Inc. June 7, 1994). The liquid in 13D-8 is periodically transferred to the HLWTF for management. There is no underground piping beneath the PPC.

The PPC originally contained evaporators, ion-exchange columns, vessels, and piping that were used for the final purification and concentration of the uranium nitrate and plutonium nitrate product streams. Chemicals were not introduced into the PPC during the purification and concentration process.

NFS ran decontamination solutions through the plutonium columns in 1972 as part of a limited decontamination effort. The floor of the PPC received spent decontamination solutions used in the UPC during its decontamination in 1972.

The WVDP decontaminated the PPC between 1984 and 1986 to prepare the cell to support LWTS operations (Burke 1986). Trash and a mud-like residue on the floor, which contained 5.32 grams of uranium and 23.24 grams of plutonium, was removed, containerized, and mixed in cement for storage (Burke 1986). Piping, support structures, and nearly 50% (24 of 52) of the vessels in the PPC were removed and size-reduced for storage (Burke 1986). The remaining vessels were stored behind the south shield wall of the PPC in an area that was not required for the LWTS. The floor, walls, and ceiling were scrubbed with an alkaline foam and rinsed with water. After the PPC was decontaminated, its concrete surfaces were painted with an epoxy paint and the stainless steel floor was painted with a strippable paint.

This review of the PPC's operational history indicates that no RCRA-listed hazardous waste or hazardous constituents were managed in the PPC during NFS or WVDP operations. However, the PPC is currently used to support operation of the LWTS, which has been used to process supernatant and sludge wash solutions containing the following RCRA-characteristic hazardous metals: barium (D005), cadmium (D006), chromium (D007), mercury (D009), selenium (D010), and silver (D011). There are no known releases of any material from the PPC and releases are considered unlikely since the PPC is lined with a welded stainless steel liner and the floor is 0.91 meters (3 ft) thick. There have been no reported releases of liquid from any of the equipment in the PPC during NFS or WVDP operations that would have exceeded the containment capacity of the liner.

2.1.5 Extraction Chemical Room

The XCR overlies the extraction cells at the south end of the process building at a plant elevation of 48.77 meters (160 ft). (See Fig. 2-4.) The XCR is 10.7 meters (35 ft) wide, 24.4 meters (80 ft) long, and

5.8 meters (19 ft) high. The concrete floor is 0.91 to 1.52 meters (3 to 5 ft) thick. Six floor drains in the XCR are connected to the interceptor.

The XCR originally contained twenty-seven tanks and associated equipment and was used to prepare and supply process solutions to the extraction cells during nuclear fuel reprocessing. The tanks, which varied in size from 378.5 to 3,785 liters (100 to 1,000 gal), and their associated piping were constructed of 304L or Carpenter 20 type stainless steel. The tanks were contained within a 20.3-centimeter (8-in) high curb that was intended to contain any spills from the chemical tanks and equipment.

The following chemicals were used in the XCR to support the NFS nuclear fuel reprocessing operations: n-dodecane, TBP, fresh nitric acid, recovered nitric acid containing mixed fission products, ferrous sulfamate, hydroxylamine nitrate, sodium nitrate, and sodium bicarbonate. A 35 weight percent solution of hydrazine was supplied to XC #2 during a test conducted from March 11 to March 13, 1971 to determine its effectiveness in decreasing excess nitrite and plutonium in the TBP/n-dodecane strip solution that recycled to XC #1 (Plummer June 18, 1971). The hydrazine solution was added to tank 14D-7 in the XCR before it was added to the plutonium cycle strip column (4C-8) in XC #2. The hydrazine solution used in XC #2 would have been disposed with the nitric acid waste streams generated in the extraction cells. Since hydrazine decomposes into ammonia and NO_x when reacted with concentrated nitric acid, it would not have been transferred to the high-level waste tanks for management (Plummer August 18, 1989).

Spills and leaks from the equipment did occur during fuel reprocessing operations. Leaks from equipment that managed recovered nitric acid eroded and radioactively contaminated portions of the concrete floor within the curbed containment area. However, these were contained within the curbed containment area.

NFS decontaminated the XCR between May 1972 and May 1974 using the following chemicals: sodium hydroxide, potassium permanganate, potassium dichromate, oxalic acid, citric acid, tartaric acid, and NTA (Riethmiller June 12, 1981).

The WVDP decontaminated the XCR between December 1982 and February 1984 (Phillips 1985). Twenty-seven tanks, thirty-five pumps, all piping, and other miscellaneous equipment were removed from the XCR during decontamination. The outside surfaces of the tanks were decontaminated and the tanks were placed into storage. An unknown volume of liquid in the piping was routed to the LLWTF for management (Phillips 1985). The piping was placed into 208-liter (55-gal) drums and placed into storage. The radioactively contaminated floor within the curbed area was filled with fresh concrete to fix radioactive contamination and was later sealed with an epoxy sealer.

The XCR is currently used to support operation of the LWTS. The zeolite resin addition tank (D-004) in the XCR supplies fresh zeolite to the zeolite ion-exchanger (D-003) in XC #3.

Records indicate that RCRA-listed hazardous waste was not managed in the XCR during NFS operations. However, a solution containing the RCRA hazardous constituent hydrazine was used in the XCR in March 1971. (See above.) RCRA hazardous waste or hazardous constituents are not currently being managed in the XCR. Although chemicals did leak from the equipment in the XCR during NFS fuel reprocessing operations, none are believed to have migrated beyond the curbed area. The XCR is located at a plant elevation of 48.77 meters (160 ft), its concrete floor is 0.91 to 1.52 meters (3 to 5 ft) thick, and its six floor drains would have conveyed any spilled liquid to the LLWTF for management.

2.1.6 Lower Warm Aisle and Pump Niches

The LWA is located on the first floor of the process building adjacent to the south walls of the extraction cells at a plant elevation of 30.48 meters (100 ft) (Burn 1983). (See Fig. 2-2.) Two floor drains in the LWA convey any spilled liquid to the LLWTF for management. The LWA contains ten shielded concrete niches that house pumps and valves that formerly supported nuclear fuel reprocessing operations in the adjacent extraction cells and PPC (Burn 1983). One of the niches adjacent to XC #3 is currently being used to support operation of the LWTS (West Valley Nuclear Services Co., Inc. May 1995).

The niches are 1.22 meters (4 ft) high and are 2.18 meters (7 ft) wide, extending 1.83 to 3.05 meters (6 to 10 ft) into the LWA from the wall separating the LWA from the extraction cells. The concrete walls of the niches are 0.30 to 0.53 meters (12 to 21 in) thick. The floor and walls of each niche are lined with a welded stainless steel liner. The niches are equipped with 0.30-meter (1-ft) thick concrete covers and drains that convey any accumulated liquid to XC #1, XC #2, and XC #3.

The pump niches were used to support nuclear fuel reprocessing operations in the extraction cells and the PPC. Pumps inside the niches provided specialized functions, including transferring uranium and plutonium product streams between the extraction cells and the PPC, transferring aqueous waste streams containing fission products from the extraction cells to the LWC, and supplying TBP/n-dodecane to the extraction cells. Nitric acid, ferrous sulfamate, TBP/n-dodecane, sodium bicarbonate and, in 1971 during a test in XC #2, hydrazine, would have been present in these solutions.

The LWA and its pump niches were decontaminated by NFS between March 1972 and June 1974 (Riethmiller June 12, 1981). Miscellaneous waste was removed and the aisle and niches were hydrobrushed with solutions of sodium tartrate, potassium permanganate, sodium hydroxide, sodium bisulfite, Radiacwash®, citric acid/Radiacwash®, Organisol®, and Ajax® cleanser.

The LWA and the pump niche needed to support operation of the LWTS were decontaminated by the WVDP between 1985 and 1986 (Allen 1986). The interior of the niche was vacuumed, and the floor, walls, and equipment were coated with a strippable paint. After the paint was stripped the niche was cleaned with household cleaners such as Windex®. If contamination persisted, the niches were cleaned with 5M nitric acid.

This review of the operating history of the LWA indicates that no RCRA-listed hazardous waste has been managed in the LWA pump niches. However, a solution containing the RCRA hazardous constituent hydrazine was used on at least one occasion in XC #2 in 1971 and it may have been circulated through the pumps that serviced XC #2. There have been no known releases of any material from the LWA and its pump niches. The niches were lined with welded stainless steel and any releases of liquid from the pumps, filters, or manifolds would have been contained and drained to the floor and sumps in XC #1, XC #2, XC #3, and the PPC. The contents of the sumps would have been transferred to tank 13D-8 in the LWC and then to the HLWTF for management.

2.1.7 Lower Extraction Aisle

The LXA is located on the second floor of the process building adjacent to the north walls of the extraction cells (Fig. 2-5). The LXA is a 5.5- to 11-meter (18- to 36-ft) wide, 25.9-meter (85-ft) long, and 4.9-meter (16 ft) high room (Burn 1983). The concrete floor and ceiling are 0.15 meters (0.5 ft) thick and the concrete

walls are 0.20 to 1.52 meters (0.67 to 5 ft) thick. A floor drain in the LXA conveys any liquid to the LLWTF for management.

During nuclear fuel reprocessing the LXA was an operating and maintenance area that provided physical access to the utility piping and instrumentation that supplied the extraction cells. Valves controlling steam, air, and cooling water service into the extraction cells could be manually controlled from the LXA. The LXA also contained pneumatic instrument transmitters that relayed level, density, and pressure information from the tanks and vessels in the extraction cells to the control room.

The LXA is currently used to support operation of the LWTS. It contains the valves associated with the LWTS evaporator. Process sample cell #2 is located in the LXA; it is used to remotely sample liquids in tanks 5D15B and 5D15A1/5D15A2 in the UPC. The LXA also contains instruments that monitor the tanks in the UPC.

NFS decontaminated the LXA between August 1972 and February 1975 (Riethmiller June 12, 1981).[1] Radioactively contaminated concrete was chipped out and replaced and valves and piping were wiped down.[2] The floor, walls, and ceiling were hydrobrushed without chemicals and then painted.

The WVDP did not perform a dedicated decontamination program in the LXA. However, piping entering XC #3 and the PPC through the LXA was removed during the decontamination work conducted in XC #3 and the PPC.

This review of the operational history of the LXA indicates that this area was not used to treat or store RCRA-listed hazardous waste or hazardous constituents as part of NFS fuel reprocessing activities. However, Zipstrip®, a paint remover containing methylene chloride, was used during decontamination of the LXA to remove radioactively contaminated paint. Prior to use of the LXA for WVDP activities, decontamination wastes were removed, therefore, hazardous constituents from past decontamination activities do not remain in this area. There are no known instances where any material from the LXA was released from the process building.

2.1.8 Upper Extraction Aisle

The UXA is a 4.8-meter (15.67-ft) wide, 24.8-meter (81.5-ft) long, and 4.7-meter (15.5-ft) high room located on the north side of the extraction cells at a plant elevation of 43.9 meters (144 ft) (Burn 1983). The concrete floor and ceiling is 0.15 meters (0.5 ft) thick, and the concrete walls are 0.20 to 1.52 meters (0.67 to 5 ft) thick. Two floor drains in the UXA are connected to the process building's interceptor system, which conveys any spilled liquids to the LLWTF for management.

During nuclear fuel reprocessing the UXA was an operating aisle that provided access to utility and instrument lines that serviced the upper levels of the extraction cells and the PPC. The UXA did not contain any process

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[1] *In August 1972, radioactive liquid leaked from a faulty valve on steam supply line 4S-84/85 and radioactively contaminated a small area of the floor and wall of the LXA (Riethmiller June 12, 1981). During NFS operations, line 4S-84/85 supported operation of tank 4D-2, the partition cycle waste catch and hold tank, in XC #1. The leak was attributed to the generation of back pressure in the line, causing decontamination solutions to leak from the faulty valve.*

[2] *The paint in the spill area was removed from the floor and walls using Zipstrip®, a commercial paint remover containing methylene chloride, and valves and lines were wiped down.*

vessels and chemicals were not normally used in this aisle during fuel reprocessing. The UXA also contained ventilation ducts, stack monitoring equipment, and instrument transmitters, which still remain there.

NFS decontaminated the UXA between February 1972 and March 1975 (Riethmiller June 12, 1981). Contaminated concrete was chipped out and replaced with Top-N-Bond®, valves and piping were wiped down, and paint was stripped from the floor and walls where scrubbing did not remove contamination. Stains were removed from walls with sodium bisulfate. The floor, walls, and ceiling were hydrobrushed without chemicals and then painted.

The WVDP did not decontaminate the UXA. However, piping entering XC #3 and the PPC through the UXA was removed during the decontamination work conducted in XC #3 and the PPC.

This review indicates that RCRA hazardous waste or hazardous constituents were not managed in the UXA. Paint was stripped from portions of the UXA where contamination was not removed by scrubbing (Riethmiller June 12, 1981). Although Riethmiller documents the use of Zipstrip® in the LXA, its use in the UXA is not mentioned and no information has been found indicating its use in the UXA. There have been no known releases from the UXA to the environment.

2.1.9 Uranium Loadout Area

The ULO is located east of the UPC in the southeast corner of the process building at a plant elevation of 28.95 meters (95 ft). (See Fig. 2-2.) The ULO is 6.55 meters (21.5 ft) wide, 8.7 meters (28.5 ft) long, and 5.8 meters (19 ft) high (Burn 1983). The concrete floor is 0.30 meters (1 ft) thick and the concrete walls are 0.20-meters (0.67-ft) thick concrete block or 0.53-meters (1.75-ft) thick concrete. The ULO contains tank 5V-1, the low-enriched uranium product weigh tank, a 18,925-liter (5,000-gal) 304L stainless steel tank. The ULO formerly contained a concrete niche in the northeast corner of the cell that housed two pumps. A floor drain in the ULO directs any spilled liquids to the LLWTF for management.

During fuel reprocessing the ULO was used to measure and load shipments of uranyl nitrate solution into tanker trucks for shipment. Uranyl nitrate solution from the UPC was transferred to 5V-1 via the two pumps in the ULO niche. One of the pumps serviced the low-enriched uranium off-specification tank (5D15A2) in the UPC, transferring off-specification uranyl nitrate solution to the extraction cells for recycling. The other pump transferred uranyl nitrate solution from the low-enriched uranium storage tank (5D15B) in the UPC to tank 5V-1 in the ULO, where the weight of the solution was measured and then transferred by pressurized air to a tanker truck. No additional processing of the uranyl nitrate solution in the ULO occurred during the nuclear fuel reprocessing operations.

The WVDP decontaminated the ULO between July 1985 and February 1986 to prepare this cell for the LWTS (Phillips 1986). The ULO was decontaminated by damp wipe down or in certain cases by removing paint and cleaning with a gel type water soluble stripping agent. The ULO was then painted with a two-component epoxy paint.

Currently, the treated distillate from the LWTS evaporator is piped to the floor drain in the ULO. This floor drain is connected to the process building's interceptor system, which conveys liquids to the LLWTF where it is treated further before it is discharged via SPDES-permitted outfall 001 to Erdman Brook.

This review of the ULO's operational history indicates that no RCRA hazardous waste or hazardous constituents were ever managed in the ULO. There are no known instances of any material being released from the ULO to the environment.

2.2 Waste Characterization

Review of operating records indicates that NFS did not manage RCRA-listed hazardous waste in the cells that currently support operation of the LWTS. However, a solution containing the RCRA hazardous constituent hydrazine was used on at least one occasion during a fuel reprocessing campaign in 1971. NFS decontaminated these cells after reprocessing activities ended. The vessels and the cells were flushed with decontamination solutions and any material remaining within the vessels after reprocessing would have been routed along with the decontamination solutions to the high-level waste tanks for management.

The LWTS and the CSS have processed liquid radioactive mixed wastes (supernatant and sludge wash solutions) that exhibit the following RCRA hazardous toxicity characteristics: barium (D005), cadmium (D006), chromium (D007), mercury (D009), selenium (D010), and silver (D011). These waste characteristics were derived from the liquid radioactive waste stored in tank 8D-2 and from the THOREX waste transferred to 8D-2 from 8D-4. In order to prevent the precipitation of thorium in tank 8D-4, the THOREX waste was not neutralized after it was produced. However, the process of transferring the THOREX to tank 8D-2 resulted in a PUREX/THOREX mixture that did not display the RCRA characteristic of corrosivity. This mixture was washed and the resultant wash water was processed through the STS. The THOREX waste was a mixed waste that was calculated to exhibit the following RCRA-defined hazardous waste characteristics: corrosivity (D002), barium (D005), cadmium (D006), chromium (D007), selenium (D010), and silver (D011).

Treatment of the supernatant and sludge wash solutions in the STS does not alter the hazardous waste characteristics of these liquids since the STS is designed to remove radioactive cesium and plutonium. The RCRA-characteristic hazardous wastes (i.e., metals) in the liquid processed in the LWTS are concentrated through evaporation and the concentrates are transferred to the CSS where they are stabilized in Portland cement and stored in 269-liter (71-gal) steel drums. Since the LWTS concentrates are stabilized in Portland cement, the CSS-processed solid waste does not display any RCRA characteristics and therefore is not a RCRA hazardous waste (West Valley Nuclear Services Co., Inc. July 1994).

2.3 Geologic and Hydrogeologic Setting of the Liquid Waste Treatment System

The two components of the LWTS SSWMU #3, the LWTS and the CSS, are underlain, in descending order, by the sand and gravel unit, the Lavery till (including the intra-Lavery till-sand), the Kent recessional sequence, the Kent till, and late Devonian age bedrock. The sand and gravel unit, the Lavery till, and the Lavery till-sand unit are the only stratigraphic units discussed in this RFI. The sand and gravel unit, which is the uppermost water-bearing unit and the primary contaminant transport pathway at the LWTS, has been the focus of groundwater and soil sampling at this SSWMU. The Lavery till-sand also may be a contaminant migration pathway from the LWTS and CSS, and groundwater quality in this unit is also being evaluated as specified in the RFI Work Plan (West Valley Nuclear Services Co., Inc. December 16, 1993).

The LWTS, SSWMU #3, is immediately underlain by the sand and gravel unit, a sequence of fluvial and alluvial clay, silt, sand, and gravel that is 7.6 to 12.2 meters (25 to 40 ft) thick. The sand and gravel unit is composed of an upper thick-bedded sequence and an underlying thin-bedded sequence (West Valley Nuclear

Services Co., Inc. September 15, 1994). The thick-bedded sequence is exposed across the entire north plateau of the WVDP; it is composed of massive bedded muddy sands and gravels. The thick-bedded sequence is approximately 9.1 meters (30 ft) thick beneath the LWTS. The thin-bedded sequence, an interlayered sequence of thin-bedded clay, silt, sand, and gravel, is restricted to a narrow 61-meter (200-ft) wide, northeast-trending zone in the center of the north plateau. The thin-bedded sequence is present beneath the eastern portions of the LWTS where it ranges from 0 to 3.35 meters (0 to 11 ft) in thickness (West Valley Nuclear Services Co., Inc. September 15, 1994).

Groundwater in the sand and gravel unit in the north plateau flows to the northeast under a hydraulic gradient of 0.02 at an estimated velocity of 1.52 to 18.3 meters/year (5 to 60 ft/yr). Hydraulic conductivities of 2.0E-05 centimeters/second to 2.6E-03 centimeters/second have been calculated from the results of slug tests performed on wells screened in the sand and gravel unit (West Valley Nuclear Services Co., Inc. February 1993). Groundwater in the vicinity of the LWTS flows to the northeast towards lagoons 4 and 5. (See Fig. 2-6.)

The Lavery till-sand is a clastic unit composed of gravels, sands, silts, and clays located within the Lavery till. The till-sand is restricted to a 53,900 meter^2 (580,000 ft^2) area of the north plateau immediately west and south of the process building. Boring logs obtained from wells located south of the process building indicate that this unit has a maximum thickness of 2.1 meters (7 ft). A hydraulic conductivity of 1.3E-04 centimeters/second has been calculated from the results of a single slug test performed on a well screened in this unit. Water-level elevations in the till-sand are above the top of the unit, indicating that the unit is confined. The potentiometric groundwater surface slopes to the east, indicating that groundwater flow in this unit is towards Erdman Brook. (See Fig. 2-7.)

The geometry of the till-sand unit as mapped in the north plateau suggest that it may be interconnected with portions of the overlying sand and gravel unit adjacent to the WVDP parking area, which is located west of the process building. (See Figs. 2-8 and 2-9.) The top of the till-sand below grade becomes progressively shallower, and the thickness of the Lavery till between the top of the till-sand and the bottom of the sand and gravel unit decreases both to the north towards the process building and to the west adjacent to the WVDP parking area, which is located west of the process building. (See Fig. 1-1.) For additional information see Plates 6 and 7 in draft Resource Conservation and Recovery Act Facility Investigation Volume 1, Introduction and General Site Overview (West Valley Nuclear Services Co., Inc. March 1995).

If an interconnection between these two stratigraphic units exists, another contaminant migration pathway may be present in the north plateau within the till-sand unit, in addition to that previously identified in the sand and gravel unit. Contaminants introduced to the sand and gravel unit near the process building may be capable of migrating through the till-sand unit towards Erdman Brook. However, monitoring of radiological parameters in groundwater from the till-sand unit does not indicate that this unit has been affected by releases of radioactivity from the process building, as has the sand and gravel unit. Confined groundwater conditions in the till-sand suggest that there are no groundwater release or seepage zones between this unit and Erdman Brook. For additional information on the geology and hydrogeology of these units, see draft Resource Conservation and Recovery Act Facility Investigation Report Volume 1, Introduction and General Site Overview (West Valley Nuclear Services Co., Inc. March 1995).

2.4 Other Investigations

Four monitoring wells originally were proposed in the RFI Work Plan as sand and gravel monitoring locations for SSWMU #3. Downgradient conditions at SSWMU #3 are monitored at locations WNW0305, WNW0307, and WNW0408, all originally proposed in the RFI Work Plan. (See Fig. 2-6.) Well WNW8609 was included later as an additional downgradient monitoring location, and the ongoing evaluation of groundwater flow indicates that wells WNW0305 and WNW0307 are crossgradient of the LWTS.

The RFI Work Plan originally designated well NB1S as the background well for the sand and gravel unit, but it has been replaced by wells WNW0301, WNW0401, and WNW0706. A recent geochemical evaluation suggests that NB1S may be more representative of groundwater quality from adjacent bedrock rather than of background conditions in the sand and gravel unit. Well WNW0301 was originally proposed in the RFI Work Plan as an upgradient monitoring location for SSWMU #3.

2.4.1 Historical Groundwater Sampling

From 1991 to the present, groundwater from the sand and gravel unit in the vicinity of SSWMU #3 has been routinely sampled for contamination indicator parameters and groundwater quality parameters (Table 2-1). From 1991 through mid-1993, the groundwater monitoring year was divided into two semiannual periods, and four samples were taken from each well during each period. The analytical schedule comprised three categories: contamination indicator parameters, including 6 NYCRR Appendix 33 volatile organic compounds (VOCs [collected eight times a year]); groundwater quality parameters (collected twice a year); and U.S. Environmental Protection Agency (EPA) interim primary drinking water parameters (collected a total of four times during the 1991-1992 period). This schedule was implemented through the end of 1992.

The contamination indicator parameter results from each of the SSWMU #3 sand and gravel unit monitoring well locations from January 1991 through July 1994 were reviewed to supplement the findings of wells selected for expanded characterization. (See section 3.1.2.) These indicator parameters include pH, specific conductance, nonpurgeable organic carbon (NPOC), and total organic halogens (TOX). A summary of the results are provided in section 3.1.2.

A review of VOC and pesticide/polychlorinated biphenyl (PCB) data before the initiation of the expanded groundwater characterization program revealed the presence of one pesticide. The RCRA hazardous constituent silvex was found once at well WNW0408 during 1992 at a concentration of 0.2 μg/L, well below its proposed 40 Code of Federal Regulations (CFR) 264 Subpart S action level.

Four VOCs were detected at the SSWMU #3 monitoring wells during the 1991 to 1994 monitoring. The RCRA hazardous constituent 1,1-dichloroethane has been detected at well WNW8609 at levels ranging from 1.0 μg/L to 8.0 μg/L, with the levels decreasing over time. Proprionitrile also was found at this well once during 1991 at a concentration of 5.0 μg/L, and 1,1,1-trichloromethane was detected below the proposed 40 CFR 264 Subpart S action level at estimated concentrations ranging from 0.7 μg/L to 0.9 μg/L between 1992 and 1993. In addition, during 1992 the RCRA hazardous constituent 1,1-dichloroethene also was detected at well WNW8609 at an estimated concentration of 0.5 μg/L, which is below its proposed 40 CFR 264 Subpart S action level. It has not been detected during subsequent monitoring.

Several wells monitoring the LWTS sand and gravel unit were among those selected to undergo expanded groundwater characterization during the fourth-quarter of 1993 and the second-quarter of 1994. An assessment of the results of the RFI expanded program is contained in section 3.1.2.

2.4.2 Subsurface Probing Investigation of the North Plateau

Groundwater and soil beneath and downgradient of the process building was sampled between July 14, 1994 and October 19, 1994 to evaluate the extent, magnitude, and the source of gross beta activity in groundwater from the sand and gravel unit in the north plateau of the WVDP. Groundwater from eighty locations and soil samples from four locations were collected with the Geoprobe®, a mobile van-mounted sampling system designed to sample groundwater and/or soil at discrete 2-foot depth intervals.

The groundwater sampling results indicate that a narrow, elliptically shaped plume of elevated gross beta activity, extending northeastward from the south end of the process building to the construction and demolition debris landfill (CDDL), is present in groundwater from the sand and gravel unit. The plume is approximately 91.4 meters (300 ft) wide and 243.8 meters (800 ft) long. The highest gross beta activities in groundwater and soil were measured in the south end of the process building, reaching a maximum concentration of 3.6E-03 μCi/mL and 2.4E-02 μCi/g, respectively (West Valley Nuclear Services Co., Inc. May 1, 1995). Isotopic characterization of the groundwater and soil suggests that Sr-90 and its daughter product yttrium-90 (Y-90) contribute most of the gross beta activity in groundwater and soil beneath and downgradient of the process building. Chemical analyses were not performed during this investigation.

The primary source of the beta activity is believed to be located in the southwest corner of the process building near the off-gas cell. (See Fig. 2-2.) The source of this contamination is not associated with the units comprising SSWMU #3; however, the contamination has affected groundwater in the vicinity of and downgradient of SSWMU #3.

3.0 Environmental Characterization

Soil and groundwater sampling results and information from past investigations were reviewed to evaluate whether there have been releases of RCRA-regulated hazardous waste or hazardous constituents from SSWMU #3. The sampling locations identified in the RFI Work Plan were selected based on knowledge of the hydrogeology of the north plateau and historical operations at SSWMU #3 (West Valley Nuclear Services Co., Inc. December 16, 1993).

3.1 Soil and Groundwater Sampling Activities and Results

Surface and subsurface soil samples were collected from eleven boreholes drilled hydraulically upgradient and downgradient of the LWTS during the 1993 WVDP soil characterization program (Fig. 3-1). These soil samples were analyzed for Target Compound List (TCL) organic compounds and Target Analyte List (TAL) metals. The soils data was supplemented with groundwater samples collected from seven wells located upgradient and downgradient of the LWTS during the fourth-quarter 1993 and the second-quarter 1994 expanded groundwater characterization program. This groundwater was also analyzed for TCL organic compounds and TAL metals. All soil and groundwater sampling and analysis was conducted in accordance with the protocols and procedures identified in the RFI Work Plan.

The soil and groundwater sampling results were evaluated against proposed 40 CFR 264 Subpart S action levels and site background levels to assess whether there have been releases of RCRA hazardous waste or hazardous constituents from the LWTS. Where proposed 40 CFR 264 Subpart S action levels were unavailable for some soil results, alternate criteria such as site background ranges, typical eastern U.S. background ranges, or the New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM) 4046 (New York State Department of Environmental Conservation January 24, 1994) were used. In those cases where proposed 40 CFR 264 Subpart S action levels for groundwater were unavailable, alternate criteria such as NYSDEC Class GA standards or Safe Drinking Water Act maximum concentration limits (MCLs) were used.

3.1.1 Soil Data

The results of the soil sampling program are summarized below. This summary discusses only soil samples collected from boreholes drilled near this SSWMU. Stream sediment samples were not collected because a surface water migration pathway was not identified at this SSWMU.

<u>Deep Soil Drilling Program</u>

Eleven deep boreholes (BH-20, BH-17, BH-18, BH-19A, BH-21A, BH-31, BH-32, BH-34, BH-22, BH-23A, and BH-24) were drilled to assess whether RCRA-listed hazardous waste or hazardous constituents have been released from SSWMU #3 to the sand and gravel unit (Fig. 3-1). Borehole BH-20 is located hydraulically upgradient of SSWMU #3, and boreholes BH-17, BH-18, BH-19A, BH-21A, BH-31, BH-32, and BH-34 are downgradient of the unit. Boreholes BH-22, BH-23A, and BH-24 were intended to characterize the shallow (fractured) Lavery till along an impounded drainageway. (See Fig. 3-1.)

Table 3-1 shows the depth intervals that were sampled from each borehole and the analyses performed. Field monitoring equipment detected above-background radioactivity in soil from BH-18, BH-19A, BH-21A, and

BH-31 at various depth intervals. (See Appendix B.) With the exception of the 1.2- to 1.8-meter (4- to 6-ft) interval of BH-18, field monitoring equipment did not detect above-background concentrations of VOCs in soil from any of the boreholes. The subsurface boring logs, including background boreholes BH-38 and BH-39, and the field screening results, are included in Appendix B. The analytical results from these boreholes are provided in Appendix C and are summarized below.

- Volatile Organic Compounds

  Five VOCs were detected at estimated concentrations in soil from the boreholes monitoring SSWMU #3 (Table 3-2). However, none of these compounds were detected in concentrations that exceeded proposed 40 CFR 264 Subpart S action levels. The spatial distribution of VOC detections is indicated on Figure 3-2.

  Toluene was estimated at 5.2 μg/kg in the 7.9- to 8.5-meter (26- to 28-ft) interval of BH-17. Carbon tetrachloride and trichlorofluoromethane were estimated at 2.0 μg/kg and 8.0 μg/kg, respectively, at BH-18 in the 4.3- to 4.9-meter (14- to 16-ft) interval. Chloroform was estimated at 2.0 and 2.1 μg/kg at BH-34 between the 2.4- to 4.3-meter (8- to 14-ft) interval. Acetone was detected at an estimated concentration of 143.0 μg/kg in BH-24 at the 1.8- to 2.4-meter (6- to 8-ft) interval.

- Semivolatile Organic Compounds

  Three semivolatile organic compounds (SVOCs) were detected in soil sampled from the boreholes at the LWTS. (See Table 3-2.) However, none of these compounds were detected in concentrations that exceeded proposed 40 CFR 264 Subpart S action levels. Bis-2-ethylhexyl phthalate was detected at an estimated concentration of 22.3 μg/kg in the 7.9- to 8.5-meter (26- to 28-ft) interval of BH-21A and at a concentration of 684.1 μg/kg in the 4.3- to 4.9-meter (14- to 16-ft) interval of BH-32. Hexanedioic acid was estimated as a tentatively identified compound (TIC) at a concentration of 30,000.0 μg/kg in the 3.0- to 3.6-meter (10- to 12-ft) interval of BH-31. At BH-23, di-n-butyl phthalate was detected at an estimated concentration of 288.4 μg/kg in the 2.4- to 3.0-meter (8- to 10- ft) interval.

- Target Analyte List Metals

  All of the soil samples collected from the boreholes monitoring the LWTS were analyzed for TAL metals. The results were compared to proposed 40 CFR 264 Subpart S action level concentrations and to concentrations measured in background borehole BH-38 to assess whether any gross exceedances existed at the LWTS that would indicate potential releases of RCRA hazardous waste or hazardous constituents from this SSWMU (Table 3-3). However, since these metals also occur in nature, a metals result from the LWTS was not considered to exceed a background concentration unless it was at least three times greater than the highest concentration measured at the background location.

  Beryllium was the only metal at the LWTS that exceeded a proposed 40 CFR 264 Subpart S action level concentration. (See Table 3-3.) However, the concentration of beryllium at the LWTS was within the background concentration range for this metal. (See Table 3-3.)

- Radiological Data

The radionuclide data obtained during the 1993 WVDP soils characterization program is included in Appendix C. Table 3-4 summarizes those radionuclides in soil that exceeded background screening levels. The above-background radionuclide concentrations found in soil from boreholes BH-17, BH-18, BH-19A, BH-21A, and BH-31 are attributed to their location within the north plateau beta plume that extends northeastward from the southwest corner of the process building towards the CDDL. Sr-90 is the principal contributor to the beta activity in the north plateau beta plume. The primary source of this beta activity is believed to be located in the southwest corner of the process building near the off-gas cell. The source of this contamination is not associated with any of the rooms that support operation of the LWTS or CSS.

The radiological data from these soil samples were compared with the chemical data to evaluate whether there was any correlation between the radioisotopes and chemicals detected in these soils. No correlation could be made between the few chemical parameter detections and the radioisotope results from these sampling locations. Those boreholes located within the plume typically show above-background radioactivity levels throughout the entire saturated section. The few organic compounds that were detected in the soil from these boreholes such as toluene, acetone, and bis-2-ethylhexyl phthalate, are common laboratory contaminants acceptable at certain levels pursuant to the NYSDEC RCRA Quality Assurance Project Plan (QAPjP) (New York State Department of Environmental Conservation March 29, 1991). These constituents were not associated with the fuel reprocessing cycle. Furthermore, these compounds were observed at different, isolated depth intervals suggesting that they did not originate from a common source.

3.1.2 Groundwater

Since 1991, groundwater at the WVDP has been routinely sampled for contamination indicator parameters and groundwater quality parameters. In 1993, the 1991-1992 contamination indicator parameter data (pH, specific conductivity, NPOC, TOX, gross alpha, gross beta, and tritium) were statistically evaluated (Dames & Moore September 1993) employing analysis of variance (ANOVA) capabilities of the EPA-developed software Groundwater Information Tracking System/STATistical Analysis System (GRITS/STAT), version 4.2 (U.S. Environmental Protection Agency November 1992).

Based on this evaluation as well as judgmental criteria, forty-nine wells across the site were selected for two rounds of expanded groundwater characterization during the fourth-quarter 1993 and the second-quarter 1994 sampling rounds. The objective of the expanded groundwater characterization was to evaluate whether RCRA-regulated hazardous waste or hazardous constituents were present in groundwater at the WVDP. During the expanded groundwater characterization, groundwater was analyzed for TCL VOCs, SVOCs, pesticides and PCBs, and TAL metals.

Table 3-5 summarizes the specifications for the nine wells, including the background wells, that were used to monitor the sand and gravel unit in the vicinity of the LWTS. Three of the wells — WNW0305, WNW0408, and WNW8609 — were sampled and analyzed for expanded groundwater characterization parameters. The remaining wells that monitor the LWTS were sampled for routine groundwater parameters. (See Table 2-1.) The routine and expanded groundwater sampling data from these wells have been evaluated to assess whether there have been any releases of RCRA hazardous waste or hazardous constituents from SSWMU #3. Data from

till-sand unit wells WNW0204 and WNW0302 near the LWTS also were reviewed; however, these locations were not selected for expanded characterization because indicator parameters did not yield evidence of a release from this unit.

The boring logs and construction diagrams for the wells selected for expanded characterization are included in Appendix D. The contamination indicator parameter data and the expanded groundwater characterization data for these wells are provided in Appendices E and F, respectively.

Routine Groundwater Sampling and Analysis

- Contamination Indicator Parameters

  Groundwater in wells monitoring the sand and gravel unit near the LWTS is more alkaline than groundwater near background wells WNW0301, WNW0401, and WNW0706. The highest pH was measured in well WNW0408, which is located hydraulically downgradient of this SSWMU. The elevated pH in groundwater downgradient of the background wells may be the result of natural pH increases from groundwater flow through the sand and gravel unit or the result of past operational practices in the vicinity of the process building.

  Specific conductance and the concentrations of NPOC and TOX measured in groundwater from wells monitoring the LWTS were within background concentration ranges for the sand and gravel unit.

  Groundwater quality data in the till-sand unit in the vicinity of the LWTS were also reviewed, and upgradient well WNW0302 and downgradient well WNW0204 were compared. With the exception of pH, the indicator results from these wells were similar. The pH results for well WNW0204 during the years 1991 through 1994 ranged from 7.69 to 9.16.

Expanded Groundwater Characterization Program: Fourth-Quarter 1993 and Second-Quarter 1994

During the fourth-quarter 1993 and the second-quarter 1994 sampling rounds, groundwater from sand and gravel unit wells WNW0305, WNW0408, and WNW8609 was analyzed for TCL organic compounds and TAL metals. (As noted above in section 3.1.2, other SSWMU #3 monitoring wells were not selected for expanded characterization, based on the statistical evaluation.) The analytical data from these sampling rounds were reviewed to evaluate whether there have been releases of RCRA hazardous waste or hazardous constituents from the LWTS. The groundwater data is discussed below.

- Target Compound List Organic Compounds

  Two VOCs were detected in groundwater from these wells (Table 3-6). Toluene was detected at well WNW0408 at an estimated concentration of 1.0 μg/L during the fourth quarter of 1993. The concentration of this compound did not exceed its proposed 40 CFR 264 Subpart S action level, and it was not detected during the second quarter of 1994 monitoring. During the fourth quarter of 1993 and the second quarter of 1994, 1,1-dichloroethane was detected at well WNW8609 at estimated concentrations of 3.0 μg/L and 2.0 μg/L, respectively. Since proposed 40 CFR 264 Subpart S does not

include a proposed level for 1,1-dichloroethane, the NYSDEC Class GA groundwater standard was used for comparison. Both of these detections were below this standard.

SVOCs, pesticides, and PCBs were not detected in groundwater from any of the wells monitoring SSWMU #3.

- Target Analyte List Metals

With the exception of nickel at well WNW0408, TAL metals results (Tables 3-7 and 3-8) were below proposed 40 CFR 264 Subpart S action levels for all RCRA-regulated hazardous constituent metals. The proposed 40 CFR 264 Subpart S action level for total nickel was exceeded during both expanded sampling rounds at well WNW0408. The total nickel concentrations at well WNW0408 for the fourth-quarter 1993 and the second-quarter 1994 were 180.0 μg/L and 192.0 μg/L, respectively.

The source of the total nickel detected at this location is unknown. However, a statistical evaluation has indicated that other metals results at wells monitoring SSWMU #3 appear to be related to naturally occurring levels, and therefore the nickel concentration also probably is related to naturally occurring conditions.

Groundwater data for the RCRA constituents arsenic, barium, cadmium, chromium, mercury, lead, selenium, and silver from wells at SSWMU #3 were statistically evaluated in order to compare the data with background conditions in wells WNW0301, WNW0401, and WNW0706. Data collected from 1991 to the present was used to ensure a sufficiently large population for the statistical evaluation. Since antimony, beryllium, and nickel were analyzed only during the two expanded rounds, they were not included in this analysis.

The data were evaluated using GRITS/STAT software and the results from each location were plotted as one-sided 99% confidence intervals, which are shown as vertical bars with a mean point (U.S. Environmental Protection Agency November 1992).

GRITS/STAT is a comprehensive groundwater database system, designed by the EPA, to store, analyze, and report data generated during groundwater monitoring programs at RCRA and other regulated facilities and sites.

The three types of statistical intervals most often used in the evaluation of groundwater monitoring results are confidence intervals, tolerance intervals, and prediction intervals. Each interval type has distinct uses and interpretations. The interval type encountered most often is the confidence interval, which gives information about the average concentration at a particular well or group of wells but provides little or no information on the highest or most extreme concentrations likely to be encountered over time.

In constructing confidence intervals the GRITS/STAT software uses a one-sided, 99% confidence level. Application of GRITS/STAT in the RFIs has consisted of taking the numerical output from GRITS/STAT and creating a graphic display of the two-tailed intervals for both background and downgradient wells chosen to evaluate particular SSWMUs. In doing so, the upper confidence limit for

background has been treated as the background concentration. Significant evidence of exceedance has been defined as a lower limit from a downgradient well that exceeds the upper limit for background.

GRITS/STAT has been employed for a number of reasons, including its ability to handle nondetections properly and to check distributional assumptions. It offers flexibility in terms of different approaches to evaluating data, and its use reduces the likelihood of errors associated with multiple computations by hand.

Wells with confidence levels overlapping the confidence intervals from the combined background wells are considered to have concentrations similar to background wells. Wells with confidence intervals having lower limits exceeding the upper limits of confidence intervals from background wells statistically indicate that groundwater concentrations in these wells are not within background intervals (Davis 1986; U.S. Environmental Protection Agency November 1992).

It is important to note that 1) all metals results represent analyses of unfiltered samples and represent total metals unlike radiological samples, which are routinely filtered before analyses; 2) the data units are micrograms per liter; and 3) the number of results from the given locations vary from four to six, depending on whether or not a location was included as part of the expanded characterization of 1993 and 1994; and 4) the results were obtained from different analytical laboratories under different data validation objectives over time.

The confidence intervals for those wells monitoring the sand and gravel unit at SSWMU #3 are presented in Figures 3-3 through 3-10. Confidence intervals for till-sand wells WNW0204 (downgradient) and WNW0302 (upgradient) are presented in Figures 3-11 through 3-18.

The concentration of all the RCRA hazardous constituent metals as defined in 6 NYCRR Part 371 Appendix 23 in wells monitoring SSWMU #3 are within background concentrations. The metals data indicate that the concentrations of metals in groundwater in the sand and gravel and till-sand units near SSWMU #3 have not been affected by operations associated with the LWTS and CSS.

- Radiological Data

Radiological data obtained from wells monitoring the LWTS and CSS during routine and expanded groundwater sampling programs from 1991 through the second quarter of 1994 are included in Appendices E and F.

Sand and Gravel Unit

Gross beta and tritium activity in downgradient wells WNW0408 and WNW8609 exceed background concentrations measured in wells WNW0301, WNW0401, and WNW0706. The elevated radioactivity in groundwater from well WNW0408 is attributed to its location within the north plateau beta plume that extends northeastward from the southwest corner of the process building to the CDDL. Sr-90 is the principal beta-emitting radionuclide in the north plateau beta plume. The principal source of this beta activity is believed to be located in the southwest corner of the process building and not associated with any of the rooms supporting operation of the LWTS or CSS. The above-background radioactivity in monitoring well WNW8609 may also be associated with the beta plume or with residual radioactivity

from a surface spill of condensate in 1985 near the HLWTF. Correlation between elevated levels of radioactivity and low-level VOCs in WNW0408 and WNW8609 has not been established. Detected VOCs were not associated with the presumed source attributed to the elevated beta activities, and other wells within the beta plume have not yielded these VOCs.

Lavery Till-sand Unit

A review of the radiological contamination indicator parameter data for wells WNW0302 and WNW0204 indicates that the radiological activity in downgradient well WNW0204 is similar to that in background well WNW0302. The data indicates that the Lavery till-sand unit has not been affected by past releases of radioactivity from the process building that occurred during NFS operations.

3.2 Quality Assurance/Quality Control Summary

The quality, reliability, and validity of the soil data collected at SSWMU #3 is summarized in this section. Data validation records are available in site files and were submitted for NYSDEC and EPA review on February 22, 1995 (Matthews February 22, 1995).

Field Quality Assurance/Quality Control Review

Field quality assurance (QA) audits were performed during RFI field activities. Surveillance activities included observation of borehole and well sampling to ensure adherence to RFI Work Plan sampling procedures. No major deficiencies were noted during field surveillance.

Field quality control (QC) samples used to evaluate sampling techniques included trip blanks, equipment blanks, and field duplicates.

Laboratory Quality Control Review

Laboratory QC samples, which include method blanks, surrogate spikes, matrix spikes, and laboratory duplicates, are used to determine possible effects that the sample analyses may have on the sample data. Data for the soils program and two expanded groundwater monitoring rounds were validated using the guidelines contained in the RFI Work Plan. Data-qualifying flags were applied to data points that were associated with QC anomalies. The following data qualifiers were used in the data tables contained in Appendices C, E, and F.

"U" - The data point should be treated as not detected above the reporting limit.

"J" - The data point should be considered quantitatively biased or inaccurate; however, the data are usable as presented.

"UJ" - The data point should be considered not detected. Although the detection limit may be imprecise or inaccurate, the data are usable as presented.

"R" - The data point is qualitatively or quantitatively unreliable.

"F" - The data point is subject to interferences that in the professional judgment of the reviewer requires special consideration by the data user, although not subject to qualification under normal validation protocols. The data should be used only as detailed in the validation report.

For the overall program, the data met the QA objectives as defined in the RFI Work Plan.

Precision and accuracy of these data have been reviewed and are reflected in flagging. The data generally meet the required precision and accuracy, and all non-"R" flagged data comply with analytical and validation acceptance criteria.

The completeness of the overall soils program data, defined as being usable (non-"R" flagged), was greater than 98.0% for all parameters requested, as shown in Table 3-9. The completeness of the two expanded groundwater monitoring rounds was 98.0% for the fourth-quarter 1993 round and greater than 96.0% for the second-quarter 1994 round for all parameters requested.

4.0 Pathway Assessment

Groundwater in the sand and gravel unit is the principal pathway for the on-site migration of contaminants that may be released from SSWMU #3. Since the sand and gravel unit is hydraulically and geographically isolated from off-site groundwater drinking supplies, it is not a direct source of possible contamination for off-site receptors.

Groundwater in this unit flows northeastward beneath SSWMU #3 towards seepage discharge points along the banks of Frank's Creek. Nearby surface waters that drain the WVDP are the principal migration pathway for off-site migration of any contaminants that may be released from SSWMU #3. All surface water drainage from the north plateau is to Quarry Creek, Erdman Brook, and Frank's Creek. These creeks drain into Buttermilk Creek, which flows into Cattaraugus Creek approximately 4.15 kilometers (2.6 mi) northwest of SSWMU #3. Access to Buttermilk Creek is restricted and human exposure to the waters of Cattaraugus Creek is limited primarily to recreational use and sport fishing. Neither Buttermilk Creek nor Cattaraugus Creek downstream of the WNYNSC are used regularly as a source of potable water.

Exposure to soils possibly containing hazardous constituents via dermal contact or inhalation of dust and particulates is expected to be minimal since public access to this area is restricted. Because the organic compounds detected during this investigation are below proposed Subpart S and NYSDEC TAGM 4046 action levels, the transfer of hazardous constituents to humans through future consumption of agricultural products and livestock that might be grown or grazed on this land is not a viable exposure route under current or future land-use conditions.

Other potential pathways include consumption of game animals that include the WNYNSC in their range. Deer is the most plentiful species of game animal present on the WNYNSC. However, consumption of venison is probably not a route of exposure because hunting was not permitted on site land before 1994. From 1994 through 1996 controlled deer hunting was permitted on the WNYNSC. The WVDP routinely analyzes venison from the WNYNSC for concentrations of radioactivity as part of its environmental monitoring program. The concentration of radioactivity in deer has traditionally been at or below background concentrations.

Since SSWMU #3 is within the Project premises, the general population's access to the area is restricted. The general population surrounding the WVDP therefore is unlikely to be a potential receptor of contaminants originating from SSWMU #3. The shortest distance to the WNYNSC site boundary from SSWMU #3 is approximately 1,600 meters (1 mi) to the northeast, and the nearest off-site residence is located about 1,700 meters (1.1 mi) to the northeast. The closest point of general public access to the site is Rock Springs Road, which traverses the WNYNSC 400 meters (1,300 ft) to the west of the LWTS. The population within a 16-kilometer (10-mi) radius of the WNYNSC encompasses parts of both Cattaraugus and Erie counties. (See draft Resource Conservation and Recovery Act Facility Investigation Report Volume 1, Introduction and General Site Overview, for more detailed demographic information.)

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5.0 Conclusions and Recommendations

The purpose of this RFI was to evaluate the nature and extent of releases of RCRA hazardous waste or hazardous constituents as defined in Section III of the Administrative Order on Consent [Docket No. II RCRA-3008(h)-92-0202], from facilities comprising the LWTS SSWMU. The LWTS SSWMU is a component of the IRTS, which was designed to treat and process the supernatant portion of the radioactive waste in tank 8D-2 and subsequent sludge wash solutions.

The LWTS facility is housed in several shielded cells in the south end of the process building, where it concentrates radioactive liquid waste generated by the STS. This radioactive liquid waste originates from tank 8D-2 and is classified as a RCRA-regulated mixed waste that exhibits the following RCRA hazardous characteristics: barium (D005), cadmium (D006), chromium (D007), mercury (D009), selenium (D010), and silver (D011). The LWTS evaporator produces a distillate waste stream that is treated in the LLWTF and a concentrate waste stream that is stabilized in Portland cement in the CSS so that it then no longer meets RCRA-defined toxicity characteristics for metals and is, therefore, no longer classified as a RCRA hazardous waste.

The cells that house the LWTS were originally designed to support the NFS nuclear fuel reprocessing operation and were constructed to prevent the release of any radioactive material to the environment during their use. The floors, walls, and ceilings of the cells are constructed of reinforced concrete up to 0.91 meters (3 ft) thick. The floors and portions of the walls are covered with welded stainless steel liners providing sufficient secondary containment capacity to contain any liquid that may have leaked during fuel reprocessing operations. Spilled liquids would collect in stainless steel-lined sumps equipped with eductors that allowed the liquid to be jetted to the high-level waste tanks for management. Other cells such as the UXA, the LXA, and the XCR have floor drains that connect to the LLWTF. The UPC, XC #3, PPC, ULO, XCR, UXA, and LXA support operation of the LWTS facility and formerly supported the NFS nuclear fuel reprocessing operation. Although there have been releases of process material within these cells and rooms, there have been no known releases to the environment.

The CSS facility is housed in the off-gas acid recovery building (01-14), a four-story concrete building located next to the southwest corner of the process building. The CSS receives LWTS evaporator concentrates and stabilizes them in Portland cement. The solidified cement is transferred to the WVDP drum cell for storage. Any liquid spilled in the CSS collects in sumps and is ultimately transferred to high-level waste tank 8D-2 for management. There are no indications that any waste managed in 01-14 has been released to the environment during operation of the CSS facility.

A review of NFS operating records indicates that the cells housing the LWTS were not used to treat or store RCRA-listed hazardous waste during NFS' tenure at the site. However, a solution containing the RCRA hazardous constituent hydrazine was used during a test in the XCR in 1971. Any hazardous constituents that may have been present in the process equipment in these cells are expected to have been removed during the NFS decontamination program and would have been transferred to the HLWTF for management. Zipstrip®, a paint remover containing methylene chloride, was used during decontamination of the LXA, however, decontamination wastes were removed prior to use of this area for WVDP activities. There is no indication that any material from these cells was released from the process building. The equipment in building 01-14 was never put in operation by NFS, and as a result RCRA hazardous waste or hazardous constituents were not managed or released from this facility during NFS operations.

There were no releases of RCRA mixed waste from the LWTS during historical operations. Once the mixed waste was stabilized in Portland cement in the CSS, it was no longer a RCRA mixed waste. In the future, the LWTS will be used to process certain air emission control device condensates associated with the high-level mixed waste vitrification system. Following vitrification, the LWTS may also be used to process certain RCRA mixed wastes identified in the FFCA STP.

The VOCs acetone, carbon tetrachloride, chloroform, trichlorofluoromethane, and toluene were detected in soil from several boreholes hydraulically downgradient of SSWMU #3 at estimated concentrations ranging from 2 μg/kg to 143 μg/kg. The SVOCs bis-2-ethylhexyl phthalate, hexanedioic acid, and di-n-butyl phthalate were detected in soil downgradient of SSWMU #3 at concentrations ranging from 22.3 μg/kg to 30,000 μg/kg. However, none of the detected VOCs or SVOCs exceeded a proposed 40 CFR 264 Subpart S action level. NYSDEC's QAPjP (March 29, 1991) identifies acetone, toluene, and phthalates as common laboratory contaminants and states that levels up to three times the method detection limit are considered acceptable in analyte-free water. Based on NYSDEC's guidance, several detections of these contaminants, although not found in the associated blanks, have been attributed to laboratory contamination. This was supported by instances in which contaminants were not consistently detected at a specific well. The determination that these compounds are laboratory contaminants is further supported by the fact that none of these compounds were used by NFS in the cells housing the LWTS during fuel reprocessing and they were not used during the operation of the LWTS.

Beryllium was the only metal in soil to exceed a proposed 40 CFR 264 Subpart S action level. However, the concentration of beryllium did not exceed the natural background concentration of this metal in the sand and gravel unit.

A review of the groundwater data indicates that organic compounds were found in only two locations monitoring SSWMU #3. The VOC toluene was detected at an estimated concentration of 1.0 μg/L in well WNW0408 during the fourth-quarter 1993 sampling. The VOC 1,1-dichloroethane was detected at estimated concentrations of 3.0 μg/L and 2.0 μg/L in well WNW8609 during the fourth-quarter 1993 and second-quarter 1994 sampling rounds. However, toluene was below the proposed 40 CFR 264 Subpart S action level, and 1,1-dichloroethane was below the NYSDEC Class GA groundwater standard. Moreover, toluene is a common laboratory contaminant, and as the NYSDEC QAPjP guidance states that concentrations of common laboratory contaminants in analyte-free water are acceptable at three times the method detection limit, its presence in well WNW0408 may be discounted. The source of the VOC 1,1-dichloroethane is unknown: records indicate that this compound was not used at the LWTS.

The concentration of nickel measured in groundwater from well WNW0408 during the fourth-quarter 1993 and second-quarter 1994 sampling rounds exceeded the proposed 40 CFR 264 Subpart S action level for this metal. However, since metals data vary widely across the site, and since other downgradient wells and soil samples did not exhibit elevated nickel levels, the detected concentrations are not believed to represent a release from this unit.

Groundwater in the sand and gravel unit is hydraulically isolated from downgradient private or municipal groundwater drinking supplies but discharges from seeps along the edge of the north plateau into adjacent streams that flow off-site into Cattaraugus Creek and into Lake Erie. Thus, nearby surface waters would be the primary migration pathway for constituents from SSWMU #3 to off-site receptors.

The results of this RFI do not indicate the presence of a release of RCRA-regulated hazardous constituents or waste from SSWMU #3. Based on the RFI results, no further action other than continued groundwater monitoring is deemed necessary.

Groundwater monitoring of upgradient wells WNW0301 and WNW0401 and downgradient wells WNW0103, WNW0408, and WNW8609 as part of the RFI program is recommended (See Table 5-1.). Well WNW0103 has been added as a result of the Groundwater Monitoring Program Review (West Valley Nuclear Service Co., Inc. and Dames & Moore May 1995), to provide effective monitoring downgradient of SSWMU #3. Monitoring data evaluation for this well is included in draft Resource Conservation and Recovery Act Facility Investigation Report Volume 4, Low-level Waste Treatment Facility (West Valley Nuclear Services Co., Inc. June 1995). It is recommended that these wells be sampled semiannually for contamination indicator parameters and annually for 6 NYCRR Appendix 33 VOCs at the downgradient wells. These wells were selected for VOC analysis due to historical detections. Wells WNW0203, WNW0305, WNW0306, and WNW0307 will no longer be monitored because of their hydraulic position (i.e., cross gradient) with respect to the LWTS and CSS. Semiannual sampling for contamination indicators is also recommended for till-sand wells WNW0204 and WNW0302. Well WNW0204 is located hydraulically downgradient of the LWTS and would detect releases from the LWTS to the Lavery till-sand unit. (See Fig. 2-7.)

Alternatives for the eventual disposition of the LWTS and CSS facilities are described in the draft Environmental Impact Statement for Completion of the West Valley Demonstration Project and Closure or Long-Term Management of Facilities at the Western New York Nuclear Service Center, which was issued in March 1996.

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Table 2-1

Current Schedule of Groundwater Sampling and Analysis

Contamination Indicator Parameters (Four times a year)	pH[1] Conductivity[1] Total Organic Carbon (TOC)[2] Total Organic Halogens (TOX) Gross Alpha Gross Beta Tritium Gamma Isotopic Scan Appendix IX Volatile Organic Analysis (VOAs)
Groundwater Quality Parameters (Analyzed twice a year)	Aluminum[3] Ammonia Bicarbonate/Carbonate Calcium Chloride Iron Magnesium Manganese Nitrate+Nitrite-N Phenols Phosphate[3] Potassium Silica[3] Sodium Sulfate Sulfide[3]
Expanded Characterization Parameters for Project Monitoring Locations Only (Completed 4th Quarter 1993 and 2nd Quarter 1994)	Schedule A (43 locations) Target Compound List (TCL) Radioisotopic Schedule B (6 locations) Modified Appendix IX[4] (40 CFR Part 264) Radioisotopic Schedule C (2 locations) Modified Appendix IX[4] Radioisotopic Tributyl phosphate (TBP) N-dodecane Schedule I (3 locations) Radioisotopic only

[1] Field measurement.
[2] Includes nonpurgeable organic carbon (NPOC) only.
[3] Analyses performed only once during 1993 because parameters were added to the schedule at mid-year.
[4] Does not include polychlorinated dibenzo-p-dioxins (PCDDs) or polychlorinated dibenzofurans (PCDFs).

Table 3-1

Chemical Analyses Performed at the Liquid Waste Treatment System
Borehole (BH) Sampling Locations

Location	Depth (ft)	TCL VOCs	TCL SVOCs	TAL Metals	TCL Pest./PCBs
BH-17	26-28	X		X	
BH-18	14-16	X		X	
BH-19A	00-02			X	
	12-14	X	X	X	
	18-20	X		X	
	24-26	X		X	
BH-21A	02-04			X	
	18-20	X		X	
	26-28	X	X	X	
	30-32	X		X	
BH-31	10-12	X	X	X	
	16-18	X		X	
BH-32	00-02			X	
	14-16	X	X	X	
	22-24	X		X	
BH-34	00-02			X	
	08-10	X		X	
	12-14	X		X	
BH-20	12-14	X		X	
BH-22	00-02			X	
	04-06	X		X	
BH-23A	00-02			X	
	08-10	X	X	X	
BH-24	02-04			X	
	06-08	X		X	
BH-38	00-02			X	
	12-14	X	X	X	X
	26-28	X	X	X	X
BH-39	00-02			X	
	06-08	X	X	X	X
	18-20	X	X	X	X

BH-38 and BH-39 are background borehole soil locations.

Table 3-2

Organic Compounds Detected in Borehole Soils
at the Liquid Waste Treatment System (μg/kg)

Location	Analyte		Result	Flag
BH-17	Toluene	(VOC)	5.2	J
BH-18	Carbon tetrachloride	(VOC)	2.0	J
	Trichlorofluoromethane	(VOC)	8.0	J
BH-21A	Bis-2-ethylhexyl phthalate	(SVOC)	22.3	J
BH-23	Di-n-butyl phthalate	(SVOC)	288.4	J
BH-24	Acetone	(VOC)	143.0	J
BH-31	Hexanedioic acid	(SVOC) (TIC)	30,000.0	J
BH-32	Bis-2-ethylhexyl phthalate	(SVOC)	684.1	
BH-34	Chloroform	(VOC)	2.1	J

VOC - Volatile organic compound
SVOC - Semivolatile organic compound
TIC - Tentatively identified compound
J - Estimated result

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Table 3-3

Target Analyte List Metals Concentrations Ranges in Soil from Borehole Samples at the Liquid Waste Treatment System (mg/kg)

Analyte	BH-17 Downgrad.	BH-18 Downgrad.	BH-19A Downgrad.	BH-20 Upgrad.	BH-21A Downgrad.	BH-31 Downgrad.	BH-32 Downgrad.	BH-34 Downgrad.	Subpart S Action Level[1]	TAGM 4046[2]	Benchmark[3]	Eastern USA Bkgd.[4]
Aluminum	13200	9330	7030-10700	10600	6120-12300	7400-11800	5290(J)-7950(J)	7800-11900	-	SB	41,700	33,000
Antimony	<1.32(UJ)	<1.32	1.48-4.34	4.27(J)	2.92(J)-4.06(J)	<1.32-2.08	1.69(J)-2.68(J)	<1.35(UJ)-3.94(J)	30	SB	7.62	NA
Arsenic	5.64(J)	12.80	11.50-14.40(J)	23.60	12.70-24.30	9.06-16.30	13.60-28.20	13.50-14.50	80	7.5 or SB	18.18	3 - 12
Barium	124	85.40	45.10-68.60	104	47.70-117	64.30-74.90	29.40-77.50	72.20-153	4,000	300 or SB	417	15 - 600
Beryllium	0.65	0.41	0.35-0.44	0.52	0.33-0.62	0.33-0.62	0.34-0.39	0.40-0.60	0.2	0.16 or SB	1.98	0 - 1.75
Cadmium	0.24	<0.22	<0.20-<0.24	<0.22	<0.22-<0.25	<0.22-<0.22	<0.21-0.26	<0.22-<0.23	40	1.0 or SB	*	0.1 - 1
Calcium	2600(J)	1360	1440-7810	14700	2170-22300	1950-14000	5680(J)-38100(J)	1410-7320	-	SB	88,200	130 - 35,000
Chromium	17.90(J)	8.98(J)	9.26-12.10	14.20	9.45-16.80	8.87-16.80	8.19-10.00	9.71-16.50	400	10 or SB	53.70	1.5 - 40
Cobalt	11.60	7.43	5.51-8.31	10.10	7.32-11.00	5.63-9.74	3.96-6.84	5.92-11.90	-	30 or SB	34.50	2.5 - 60
Copper	24.70(J)	20.80	14.20-22.70	21.70	17.30-26.30	17.20-24.20	15.20-19.50(J)	19.70-22.60	-	25 or SB	74.40	1 - 50
Iron	27100(J)	24200	16700-23000	23000	17100(J)-25800(J)	17100-26200	12000(J)-21300(J)	19200-25700	-	2,000 or SB	80,400	2,000 - 550,000
Lead	18.50	21.30	11.90-18.70	17.20	12.40-23.70	17.30-22.70	10.30-17.10	16.50-18.50	-	SB	42.60	4 - 61 rural 200 - 500 sub.
Magnesium	4820	2710	2900-3930	4450	3510-6680	3560-3910	3240(J)-7840(J)	2480-4890	-	SB	32,400	100 - 5,000
Manganese	512	535	161-698	624	275(J)-535(J)	427(R)-317(R)	247(J)-374(J)	490-514	-	SB	1,458	50 - 5,000
Mercury	0.03	0.02	0.02-0.12	<0.02	<0.02-0.03	0.02-0.02	0.03-0.03	0.02-0.03	20	0.1	0.06	0.001 - 0.2
Nickel	31.30	14.50	13.00-18.70	22.90	16.70-27.20	13.70-20.80	13.00-18.00	15.50-30.20	2,000	13 or SB	81.90	0.5 - 25
Potassium	1960	896	853-1040	1660	801-1860	1160-1770	732-842	697-1600	-	SB	8,940	8,500 - 43,000
Selenium	<0.22(UJ)	<0.56(UJ)	<0.21(UJ)-<0.53(UJ)	<0.11	<0.00(UJ)-<0.25(UJ)	<0.53(R)-<0.61(R)	<0.21(UJ)-<0.21(UJ)	<0.21(UJ)-<0.23(UJ)	-	2 or SB	*	0.1 - 3.9
Silver	<0.33(UJ)	<0.33	<0.30-<0.36	<0.34	<0.34-<0.37	<0.33-<0.33	<0.32-<0.33	<0.32-<0.35	200	SB	*	NA
Sodium	90.00	52.60(J)	57.70-109	70.40	63.60-126(J)	74.70-120	46.40-171(J)	43.80(J)-81.00(J)	-	SB	408	6,000 -8,000
Thallium	<0.54(UJ)	0.22(R)	<0.21(R)-<0.60(UJ)	<0.55	<0.56-<0.62	<0.21(R)-<0.25(R)	<0.52(UJ)-<0.53(UJ)	<0.53(UJ)-<0.57(UJ)	-	SB	*	NA
Vanadium	18.10	11.60	9.06-15.80	15.60	8.97-18.00	9.75-18.30	8.76-10.40	9.76-16.90	-	150 or SB	63.90	1 - 300
Zinc	76.50(J)	73.10	49.90-88.30	74.20	53.70(J)-103(J)	66.50-84.70	54.20(J)-87.40(J)	61.70-85.40	-	20 or SB	240	9 - 50

[1] Action levels are taken from proposed 40 CFR 264 Subpart S.
[2] Values are based on recommended soil cleanup objective from Table 4 of Appendix A of the NYSDEC TAGM 4046.
[3] Due to natural variability in concentrations, levels are not considered to exceed background unless 3x > highest background value.
[4] Eastern USA Background values taken from TAGM 4046, Table 4 of Appendix A.

NA - Not analyzed < - Nondetect (J) - Estimated result (UJ) - Not detected; estimated detection limit (R) - Unreliable result SB - Site background
* Not applicable because site background value is a nondetect.

Table 3-3 (concluded)

Target Analyte List Metals Concentrations Ranges in Soil from Borehole Samples at the Liquid Waste Treatment System (mg/kg)

Analyte	BH-22 Downgrad.	BH-23 Downgrad.	BH-24 Downgrad.	Subpart S Action Level[1]	TAGM 4046[2]	Benchmark[3]	Eastern USA Bkgd.[4]
Aluminum	12800(J)-19600(J)	8920-10400	11500(J)-15700(J)	-	SB	41,700	33,000
Antimony	<1.45(UJ)-<1.52(UJ)	3.08(J)-3.73(J)	1.75(J)-2.32(J)	30	SB	7.62	NA
Arsenic	4.78-7.67	23.80-25.30	4.07(J)-5.19(J)	80	7.5 or SB	18.18	3 - 12
Barium	73.20-134	63.50(J)-77.20(J)	67.40-100	4,000	300 or SB	417	15 - 600
Beryllium	0.62-0.94	0.43-.047	0.55-0.67	0.2	0.16 or SB	1.98	0 - 1.75
Cadmium	<0.24-0.330	<0.23-<0.23	<0.22-0.39	40	1.0 or SB	*	0.1 - 1
Calcium	13700(J)-23900(J)	1280-2270	12400(J)-27100(J)	-	SB	88,200	130 - 35,000
Chromium	17.50-24.70	11.40-12.20	15.00-18.60	400	10 or SB	53.70	1.5 - 40
Cobalt	11.40-12.60	6.44-7.90	10.10-11.50	-	30 or SB	34.50	2.5 - 60
Copper	19.10(J)-24.00(J)	22.30-24.40	18.70(J)-19.40(J)	-	25 or SB	74.40	1 - 50
Iron	25800(J)-31500(J)	23300-23800	23000(J)-25700(J)	-	2,000 or SB	80,400	2,000 - 550,000
Lead	16.80-20.00	16.80-44.50	10.40-13.90	-	SB	42.60	4 - 61 rural 200 - 500 sub.
Magnesium	7800(J)-8560(J)	2370-2950	6630(J)-9070(J)	-	SB	32,400	100 - 5,000
Manganese	355(J)-611(J)	341(J)-378(J)	408(J)-556(J)	-	SB	1,458	50 - 5,000
Mercury	<0.02-<0.02	<0.02-0.06	<0.02-0.03	20	0.1	0.06	0.001 - 0.2
Nickel	26.50-34.10	13.80-17.90	24.80-27.80	2,000	13 or SB	81.90	0.5 - 25
Potassium	2390-3820	850-1030	2340-2640	-	SB	8,940	8,500 - 43,000
Selenium	<0.12(UJ)-<0.12(UJ)	<0.11(UJ)-<0.12(UJ)	<0.11(UJ)-<0.13(UJ)	-	2 or SB	*	0.1 - 3.9
Silver	<0.36-<0.38	<0.34-<0.35	<0.34-<0.38	200	SB	*	NA
Sodium	80.30(J)-118(J)	37.60(J)-39.50(J)	97.40-108	-	SB	408	6,000 -8,000
Thallium	<0.12(UJ)-0.19(J)	<0.56(UJ)-<0.59(UJ)	<0.11(UJ)-<0.13(UJ)	-	SB	*	NA
Vanadium	19.80(J)-30.60(J)	11.40-15.80	15.20-22.10	-	150 or SB	63.90	1 - 300
Zinc	67.90(J)-80.90(J)	65.80(J)-102(J)	54.00(J)-69.20(J)	-	20 or SB	240	9 - 50

[1] Action levels are taken from proposed 40 CFR 264 Subpart S.
[2] Values are based on recommended soil cleanup objective from Table 4 of Appendix A of the NYSDEC TAGM 4046.
[3] Due to natural variability in concentrations, levels are not considered to exceed background unless 3x > highest background value.
[4] Eastern USA Background values taken from TAGM 4046, Table 4 of Appendix A.

NA - Not analyzed < - Nondetect (J) - Estimated result (UJ) - Not detected; estimated detection limit (R) - Unreliable result SB - Site background
* Not applicable because site background value is a nondetect.

Table 3-4

Above-Background Radioactivity in Borehole Samples
at the Liquid Waste Treatment System (μCi/g)

Isotope	Background Value and (Uncertainty)	Exceedance Location & Depth (ft)	Location Value and (Uncertainty)
Am-241	2.0E-08 (N/A)[1]	BH-19A (12-14)	8.0E-07 (1.4E-07)
		BH-17 (14-16)	4.9E-07 (1.0E-07)
		BH-18 (14-16)	2.3E-08 (2.2E-08)
Cs-137	7.0E-07 (N/A)[1]	BH-19A (12-14)	4.3E-06 (1.0E-07)
		BH-17 (14-16)	2.4E-06 (2.0E-07)
		BH-23A (00-02)	1.8E-06 (2.0E-07)
		BH-32 (00-02)	7.8E-07 (8.0E-08)
Gross Alpha	1.5E-05 (N/A)[1]	BH-19A (24-26)	2.0E-05 (7.0E-06)
		BH-31 (10-12)	1.9E-05 (7.0E-06)
		BH-19A (12-14)	1.8E-05 (1.0E-05)
		BH-24 (06-08)	1.7E-05 (6.0E-06)
		BH-18 (22-24)	1.6E-05 (6.0E-06)
Gross Beta	5.0E-05 (N/A)[1]	BH-21A (30-32)	7.0E-03 (1.0E-04)
		BH-19A (12-14)	2.5E-03 (1.0E-04)
		BH-21A (36-38)	1.7E-03 (1.0E-04)
		BH-21A (26-28)	1.4E-03 (1.0E-04)
		BH-21A (18-20)	8.7E-04 (2.0E-05)
		BH-17 (14-16)	7.0E-05 (4.0E-06)
		BH-31 (10-12)	6.8E-05 (4.0E-06)
		BH-19A (18-20)	6.4E-05 (4.0E-06)
		BH-24 (12-14)	5.6E-05 (4.0E-06)

[1] Screening Values from Table 4-2 from Soils Characterization Environmental Information Document WVDP-EIS-008.

Table 3-4 (*continued*)

Above-Background Radioactivity in Borehole Samples
at the Liquid Waste Treatment System (μCi/g)

Isotope	Background Value and (Uncertainty)	Exceedance Location & Depth (ft)	Location Value and (Uncertainty)
Gross Beta (cont.)		BH-17 (26-28)	5.6E-05 (4.0E-06)
		BH-24 (02-04)	5.6E-05 (4.0E-06)
		BH-18 (22-24)	5.5E-05 (4.0E-06)
		BH-18 (24-26)	5.4E-05 (4.0E-06)
		BH-22 (04-06)	5.4E-05 (4.0E-06)
		BH-32 (22-24)	5.3E-05 (4.0E-06)
		BH-20 (12-14)	5.1E-05 (4.0E-06)
Sr-90	2.5E-07 (N/A)[1]	BH-21A (30-32)	2.2E-03 (1.0E-04)
		BH-19A (12-14)	5.7E-04 (1.0E-05)
		BH-21A (36-38)	4.5E-04 (1.0E-05)
		BH-21A (26-28)	4.4E-04 (1.0E-05)
		BH-21A (18-20)	2.0E-04 (1.0E-05)
		BH-31 (10-12)	1.0E-05 (1.0E-06)
		BH-19A (18-20)	6.8E-06 (3.0E-07)
		BH-17 (14-16)	2.7E-06 (6.0E-07)
		BH-19A (00-02)	9.3E-07 (1.1E-07)
		BH-32 (22-24)	5.8E-07 (8.0E-08)
		BH-31 (14-16)	5.7E-07 (1.0E-07)
		BH-31 (16-18)	4.9E-07 (9.0E-08)
		BH-19A (24-26)	4.2E-07 (6.0E-08)
		BH-23 (00-02)	3.0E-07 (7.0E-08)
		BH-18 (14-16)	2.8E-07 (1.2E-07)

1 Screening Values from Table 4-2 from Soils Characterization Environmental Information Document WVDP-EIS-008.

Table 3-4 (*concluded*)

Above-Background Radioactivity in Borehole Samples
at the Liquid Waste Treatment System (μCi/g)

Isotope	Background Value and (Uncertainty)	Exceedance Location & Depth (ft)	Location Value and (Uncertainty)
Pu-238	2.0E-08[1]	BH-19A (12-14)	1.5E-07 (3.0E-08)
		BH-18 (22-24)	7.1E-08 (2.3E-08)
		BH-17 (14-16)	6.1E-08 (2.2E-08)
		BH-18 (14-16)	2.2E-08 (2.0E-08)
Pu-239	4.0E-08[1]	BH-19A (12-14)	2.0E-07 (4.0E-08)
		BH-17 (14-16)	9.7E-08 (2.7E-08)
		BH-18 (14-16)	4.4E-08 (2.7E-08)
U-238	1.5E-07[1]	BH-19A (12-14)	2.3E-07 (4.0E-08)
		BH-31 (10-12)	1.8E-07 (4.0E-08)

N/A - Not applicable

[1] Screening Values from Table 4-2 from Soils Characterization Environmental Information Document WVDP-EIS-008.

Table 3-5

Specifications for Wells Monitoring the Liquid Waste Treatment System

Well ID	Well Position	Unit Screened	Well Depth (ft)	Screen Length (ft)	Bladder Intake Depth (ft)	Well Construction
WNW0301	Upgradient (Background)	Sand and Gravel	17.0	10.0	Bailer	SS
WNW0401	Background	Sand and Gravel	16.42	10.0	16.5	SS
WNW0706	Background	Sand and Gravel	11.42	5.0	Bailer	SS
WNW0305	Downgradient	Sand and Gravel	31.0	15.0	30.4	SS
WNW0307	Downgradient	Sand and Gravel	16.0	10.0	15.6	SS
WNW0408	Downgradient	Sand and Gravel	38.0	10.0	37.2	SS
WNW8609	Downgradient	Sand and Gravel	24.7	10.0	21.3	PVC
WNW0204	Downgradient	Till-Sand	43.0	5.0	40.8	SS
WNW0302	Upgradient	Till-Sand	30.0	5.0	28.42	SS

SS - Stainless steel
PVC - Polyvinyl chloride

Table 3-6

Fourth-Quarter 1993 and Second-Quarter 1994 Expanded Round
Organic Compound Detections in Groundwater at the Liquid Waste Treatment System

Well ID	Parameter	Sample Date	Sample ID	Results	Units	QA Flag
WNW0408	Toluene	12/06/93	94-12956	1.00	µg/L	J
WNW8609	1,1-dichloroethane	05/09/94	94-03105	2.00	µg/L	J
WNW8609	1,1-dichloroethane	11/11/93	93-12006	3.00	µg/L	J

J - Estimated value

Table 3-7

Fourth-Quarter 1993 Target Analyte List Metals Concentrations (μg/L)
in Wells Monitoring the Liquid Waste Treatment System

Analyte	WNW0301	WNW0305	WNW8609	WNW0408	SG-BKGD
Aluminum	9,430.00	359.00	<90.00	406.00	9,600.00
Antimony	NA	<5.00	<3.00	<12.00	NA
Arsenic	NA	<3.00	<3.00	<1.00	NA
Barium	NA	121.00	188.00	332.00	NA
Beryllium	NA	<3.00	<3.00	<1.00	NA
Cadmium	NA	0.30	<0.20	<2.00	NA
Calcium	102,000.00	115,000.00	103,000.00	152,000.00	175,000.00
Chromium	NA	<10.00	<10.00	14.60	NA
Cobalt	NA	<20.00	<20.00	<3.00	NA
Copper	NA	10.00	10.20	4.70	NA
Iron	16,700.00	616.00	42.00	616.00 (J)	16,700.00
Lead	NA	<2.00	<2.00	1.10	NA
Magnesium	11,400.00	12,500.00	14,200.00	23,600.00	19,100.00
Manganese	411.00	2,360.00	8.00	199.00	411.00
Mercury	NA	<0.20	<0.20	<0.15	NA

NA - Not analyzed
< - Nondetect

SG-BKGD is the highest value from wells WNW0301, WNW0401, and WNW0706
(J) - Estimated value

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Table 3-7 (*concluded*)

Fourth-Quarter 1993 Target Analyte List Metals Concentrations (μg/L)
in Wells Monitoring the Liquid Waste Treatment System

Analyte	WNW0301	WNW0305	WNW8609	WNW0408	SG-BKGD
Nickel	NA	<30.00	<30.00	180.00	NA
Potassium	3,760.00	3,250.00	1,440.00	3,310.00	3,760.00
Selenium	NA	<3.00	<3.00	<1.00	NA
Silver	NA	<0.20	<0.20	<3.00	NA
Sodium	22,900.00	111,000.00	14,700.00	87,800.00	155,000.00
Thallium	NA	<3.00	<3.00	<1.00 (J)	NA
Vanadium	NA	<20.00	<20.00	<3.00	NA
Zinc	NA	<10.00	10.90	13.20	NA

NA - Not analyzed
< - Nondetect

SG-BKGD is the highest value from wells WNW0301, WNW0401, and WNW0706
(J) - Estimated value

Table 3-8

Second-Quarter 1994 Target Analyte List Metals Concentrations (μg/L)
in Wells Monitoring the Liquid Waste Treatment System

Analyte	WNW0301	WNW0305	WNW8609	WNW0408	SG-BKGD
Aluminum	3,000.00	623.00	<90.00	397.00	3,000.00
Antimony	NA	<4.00	<6.00	<20.00	NA
Arsenic	NA	<3.00	<3.00	<1.00	NA
Barium	NA	207.00	190.00	291.00	NA
Beryllium	NA	<3.00	<3.00	<1.00	NA
Cadmium	NA	0.40	<0.20	3.00	NA
Calcium	132,000.00	183,000.00	115,000.00	146,000.00	221,000.00
Chromium	NA	24.80	<10.00	39.00	NA
Cobalt	NA	<10.00	<10.00	<3.00	NA
Copper	NA	<10.00	<10.00	5.20	NA
Iron	14,800.00	1,130.00	56.00	1,250.00	14,800.00
Lead	NA	2.00	<2.00	11.40 (J)	NA
Magnesium	12,600.00	20,300.00	14,800.00	24,200.00	21,400.00
Manganese	480.00	2,880.00	7.00	76.00	480.00
Mercury	NA	<0.20	<0.20	0.30	NA

NA - Not analyzed SG-BKGD is the highest value from wells WNW0301, WNW0401, and WNW0706
< - Nondetect (J) - Estimated value (UJ) - Not detected; estimated detection limit

Table 3-8 (*concluded*)

Second-Quarter 1994 Target Analyte List Metals Concentrations (μg/L)
in Wells Monitoring the Liquid Waste Treatment System

Analyte	WNW0301	WNW0305	WNW8609	WNW0408	SG-BKGD
Nickel	NA	44.00	<20.00	192.00	NA
Potassium	2,100.00	4,250.00	1,350.00	3,610.00	2,100.00
Selenium	NA	<3.00	<3.00	<1.00	NA
Silver	NA	<0.40	<0.30	8.80	NA
Sodium	46,200.00	188,000.00	16,900.00	91,000.00	185,000.00
Thallium	NA	<3.00	<5.00	<1.00 (UJ)	NA
Vanadium	NA	<10.00	NA	2.20	NA
Zinc	NA	<10.00	13.00	7.80	NA

NA - Not analyzed SG-BKGD is the highest value from wells WNW0301, WNW0401, and WNW0706
< - Nondetect (J) - Estimated value (UJ) - Not detected; estimated detection limit

Table 3-9

Degree of Completeness of Analytical Results for
the 1993 Soils Sampling Program

Radiometric Results				
	Borehole	Surface Soil	Stream Sediment	TOTALS
Activity	100.0%	100.0%	100.0%	100.0%
Nonradiometric Results				
	Borehole	Surface Soil	Stream Sediment	TOTALS
TCL Volatiles	98.9%	95.6%	94.8%	98.2%
TCL Pest./PCBs	100.0%	100.0%	100.0%	100.0%
TAL Metals	99.2%	99.4%	99.2%	99.2%
TCL Semivolatiles	100.0%	99.6%	100.0%	99.9%
TOTALS	99.3%	99.0%	98.0%	99.2%

TCL - Target compound list
TAL - Target Analyte List
PCB - Polychlorinated Biphenyls

Table 5-1

Liquid Waste Treatment System Resource Conservation and Recovery Act
(SSWMU #3) Groundwater Monitoring Program

Monitoring Well/Location	Well Depth (ft)	Unit Monitored	Screened Interval (ft)	Hydraulic Position	Parameters	Frequency
WNW0301	17.0	SG	6-16	U	RI	RI - 2/yr
WNW0401	16.42	SG	6-16	U	RI	RI - 2/yr
WNW0103	24.0	SG	6-21	D	RI,V	RI - 2/yr V - 1/yr
WNW0408	40.0	SG	28-38	D	RI,V	RI - 2/yr V - 1/yr
WNW8609	24.7	SG	14.7-24.7	D	RI,V	RI - 2/yr V - 1/yr
WNW0302	30.0	TS	23-28	U	RI	RI - 2/yr
WNW0204	43.5	TS	38-43	D	RI	RI - 2/yr

Parameter Definitions

RI Radiological Indicator Parameters (gross alpha, gross beta, tritium).
V Title 6 NYCRR Appendix 33 volatile organic compounds (VOCs).

Unit Abbreviations:

SG - Sand and Gravel
TS - Till Sand

Hydraulic Position Abbreviations:

D - Downgradient
U - Upgradient

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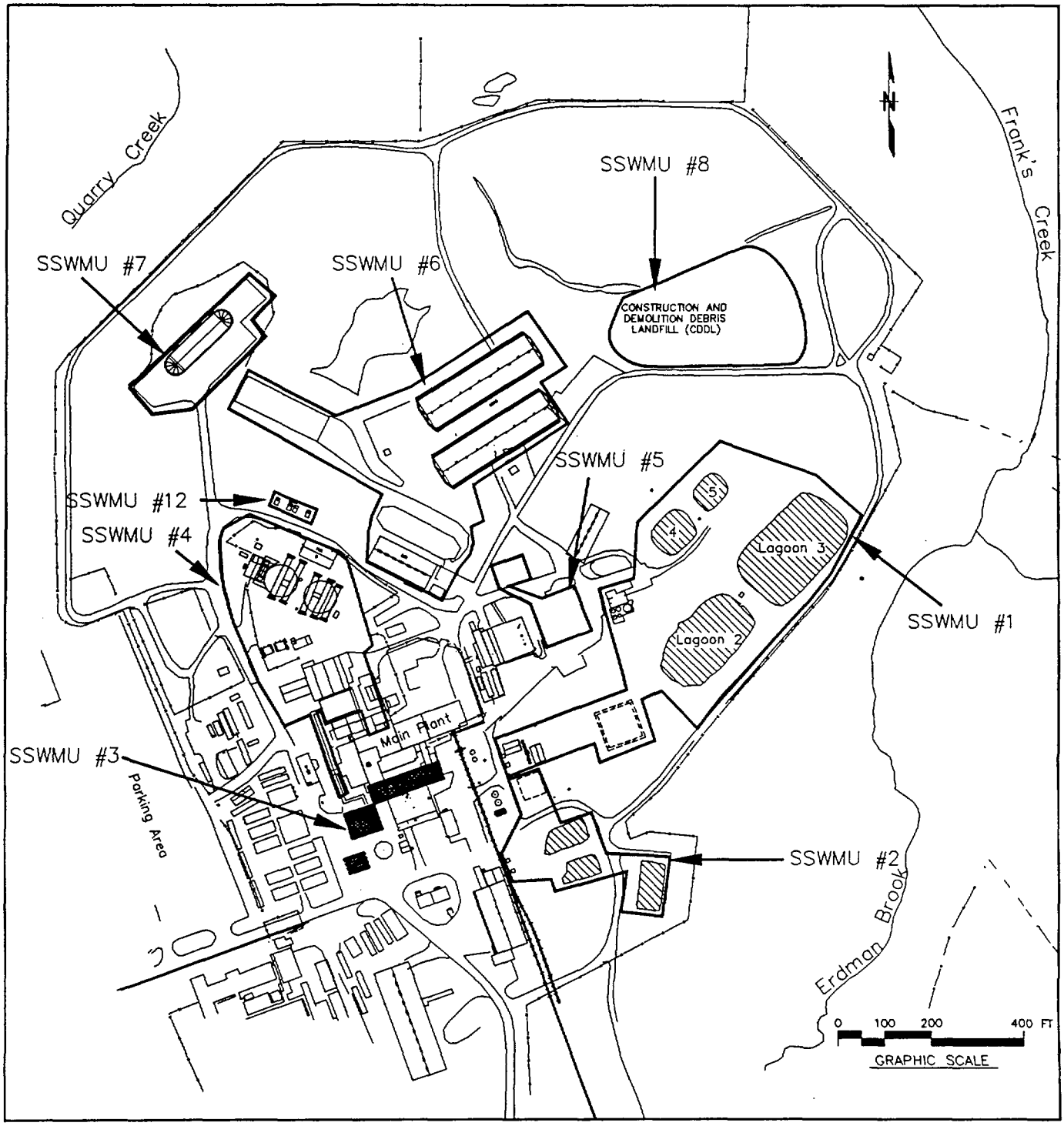

Figure 1-1. Location of the Liquid Waste Treatment System and Cement Solidification System (SSWMU #3) at the WVDP.

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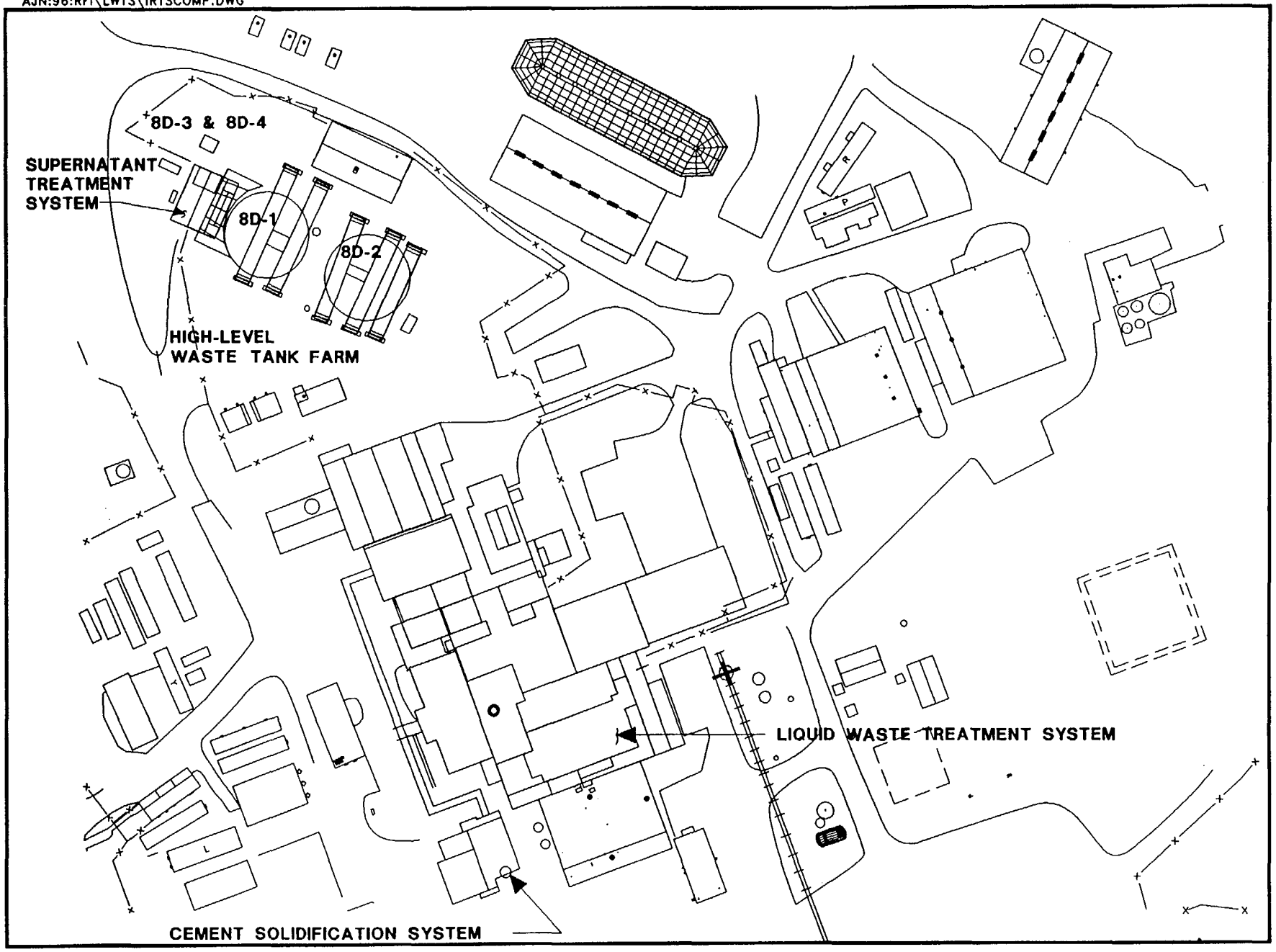

Figure 2-1. Location of the Liquid Waste Treatment System and the Cement Solidification System and other IRTS Components.

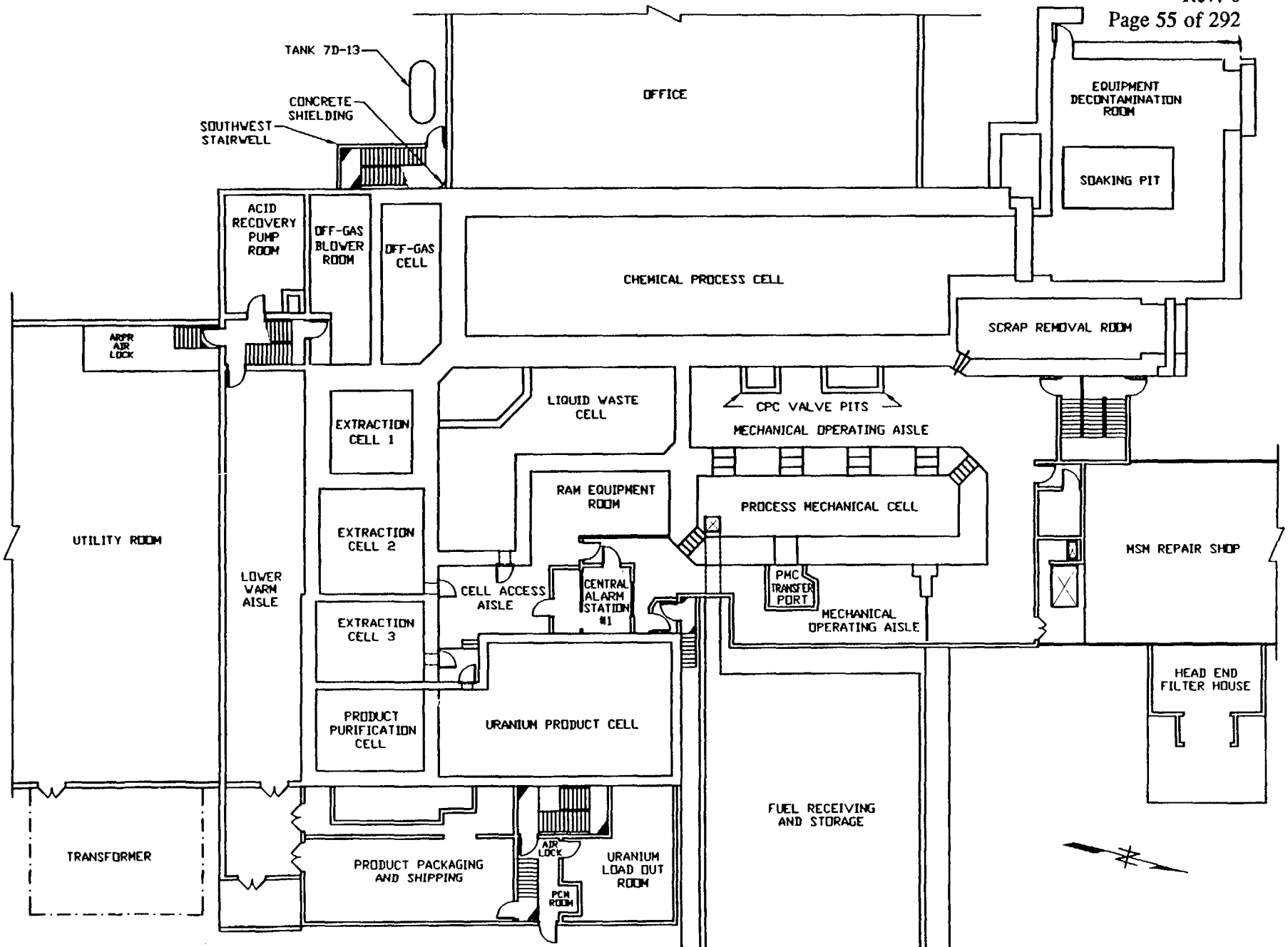

FIGURE 2-2 FLOOR PLAN OF THE PROCESS BUILDING
PLANT ELEVATION 30.48 METERS (100 FT)

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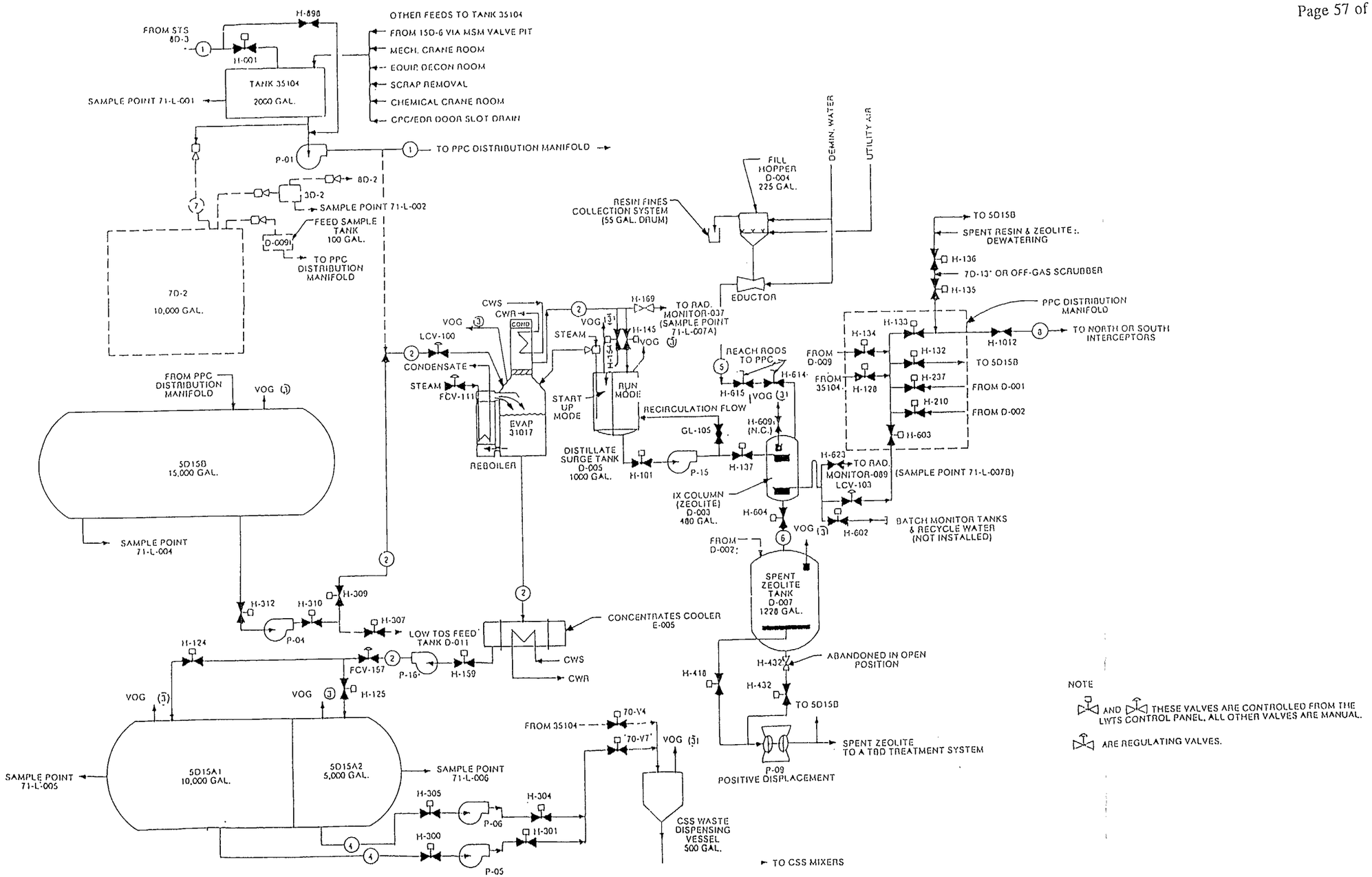

Figure 2-3. Liquid Waste Treatment System High Total Dissolved Solids Flow Chart.

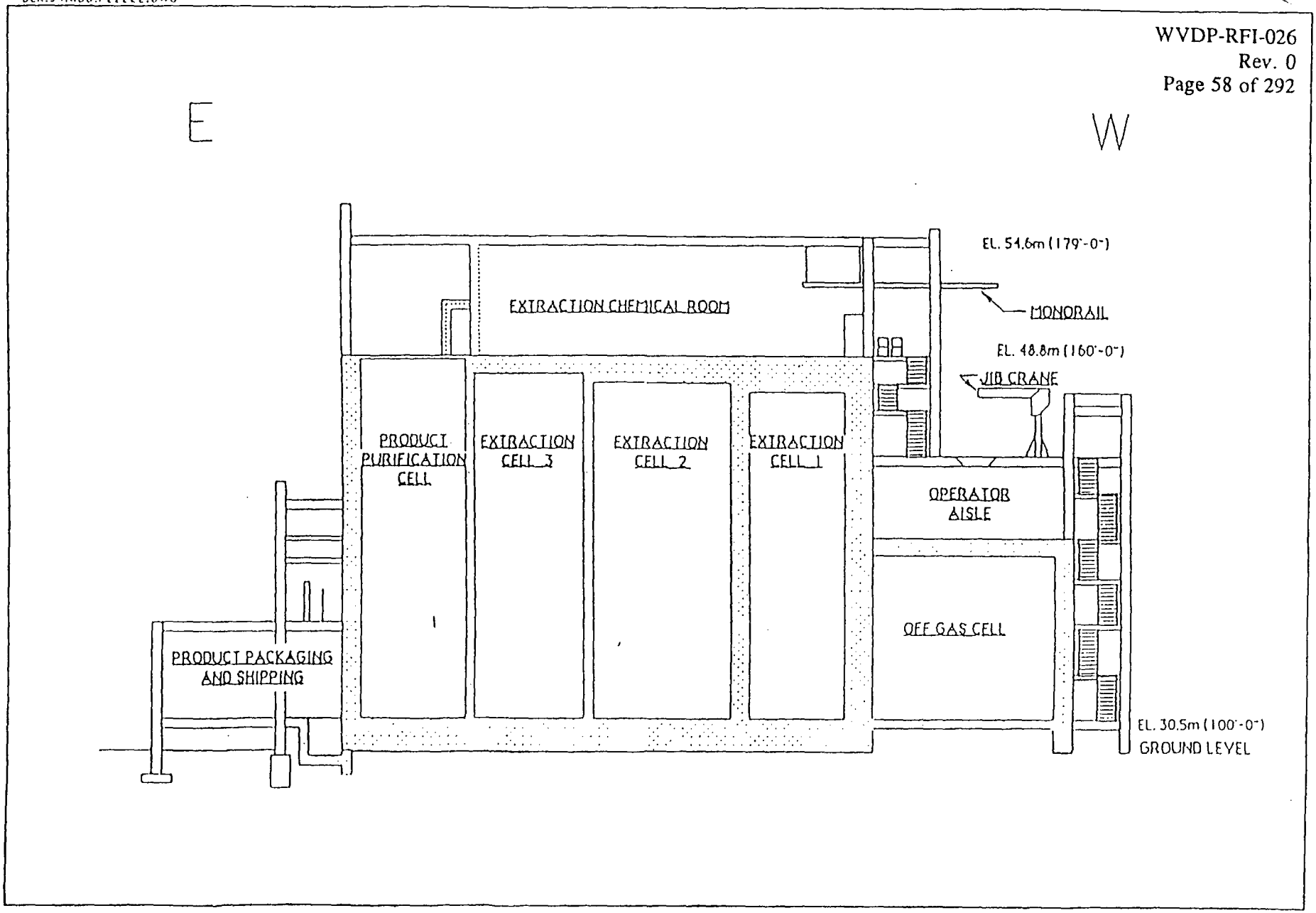

Figure 2-4. Sectional Drawing of the Process Building at 48.8 Meters (160 ft) Showing the Extraction Chemical Room and Extraction Cells.

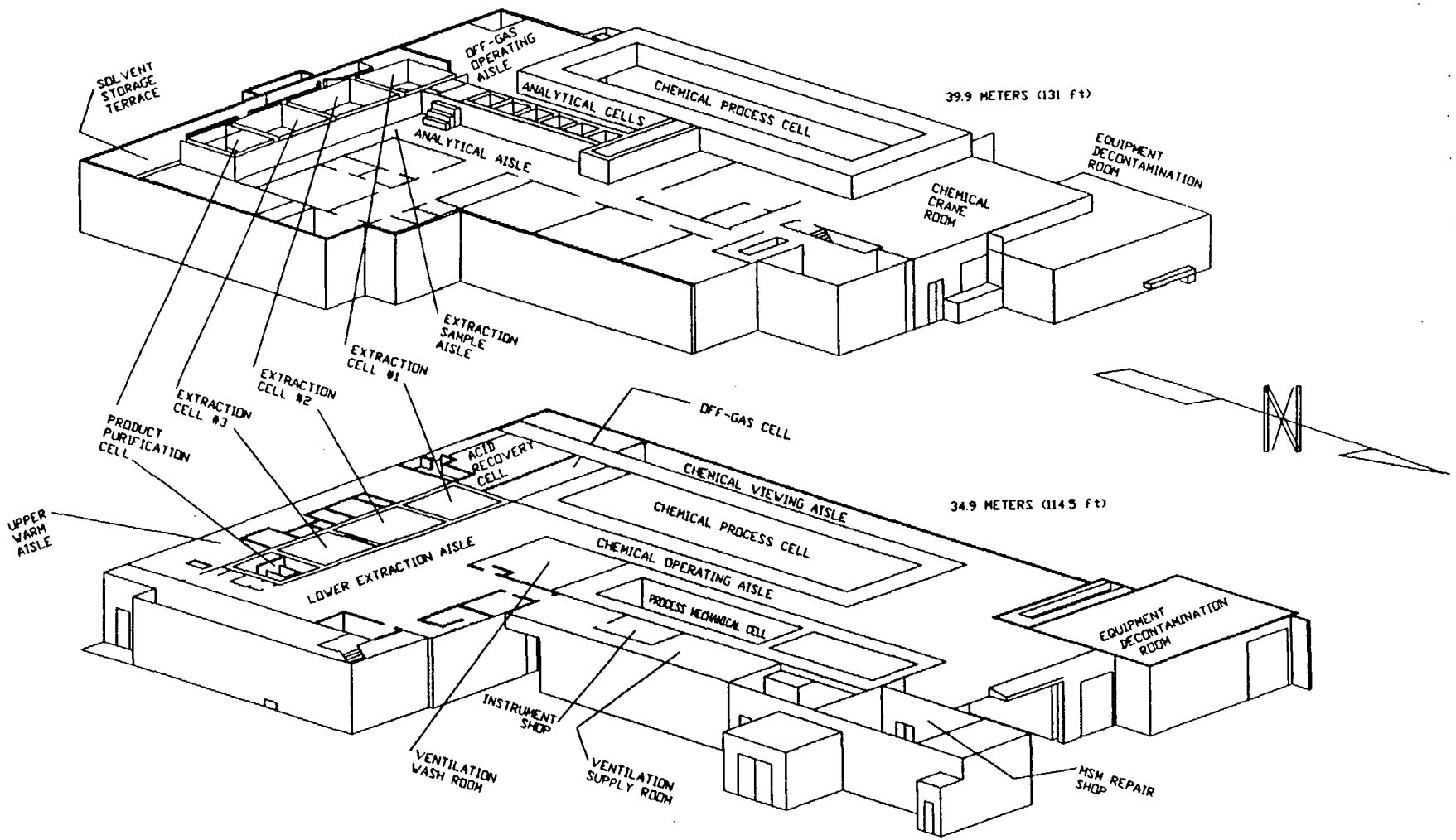

FIGURE 2-5, LAYOUT OF THE PROCESS BUILDING AT ELEVATIONS OF 34.9 METERS (114.5 ft) AND 39.9 METERS (131 ft).

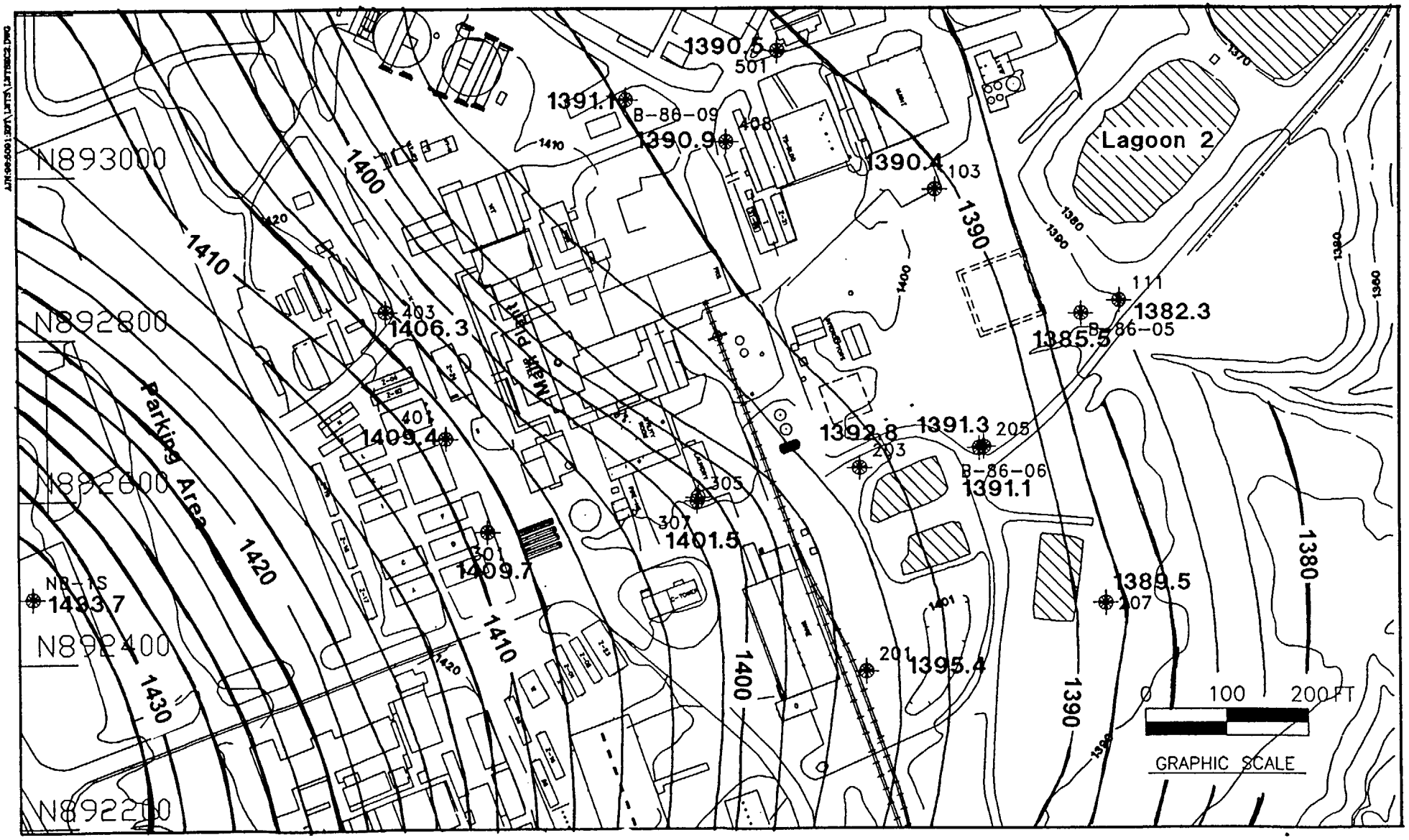

Figure 2-6. Sand and Gravel Unit Water Table — May 22, 1995

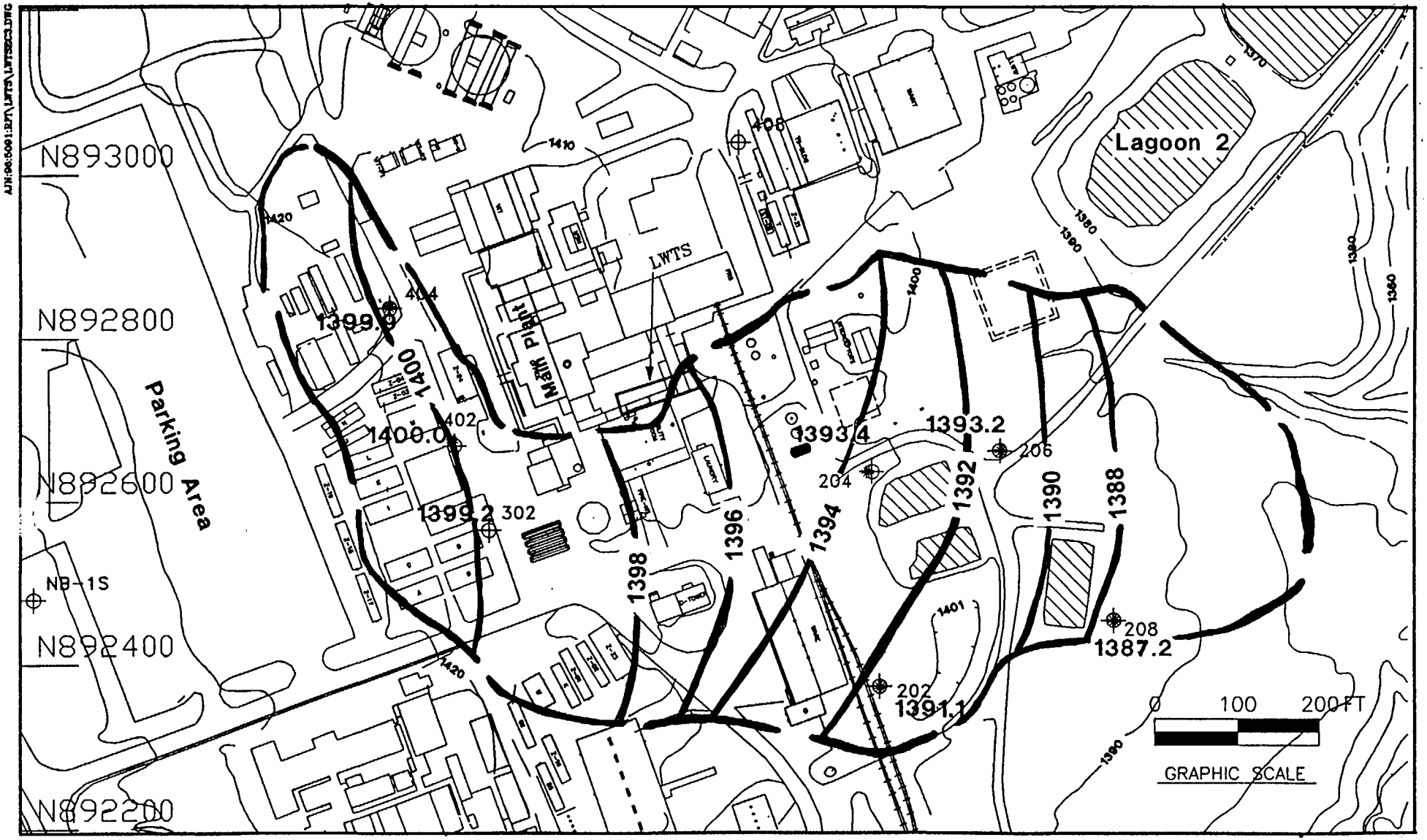

Figure 2-7. Lavery Till-Sand Unit Potentiometric Surface — May 22, 1995

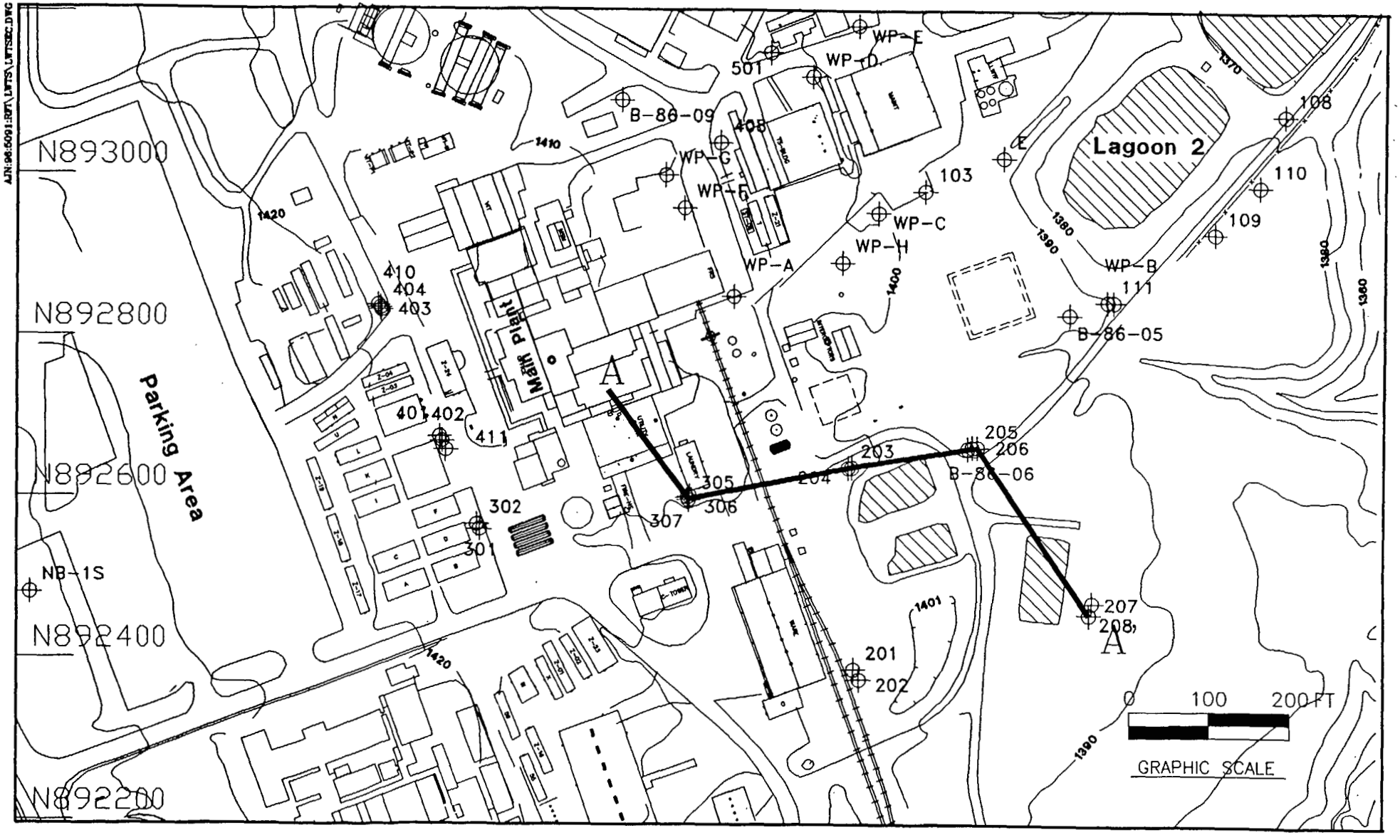

Figure 2-8. Map Depicting Line of Section A-A'.

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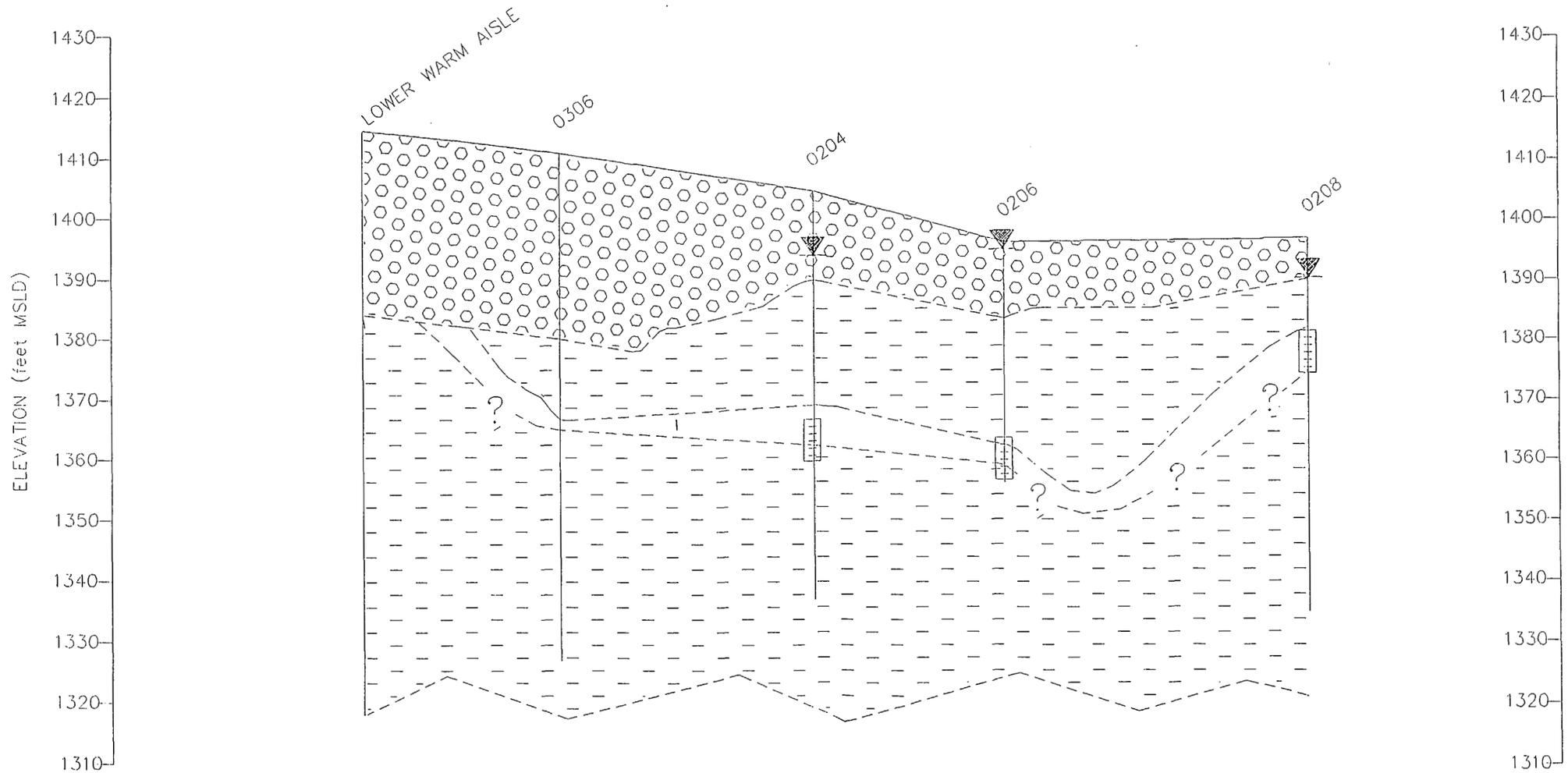
CROSS SECTION A–A'



LEGEND

- Sand and Gravel Unit
- Till Sand
- August 23,1995 Till Sand Water Level
- Lavery Till
- Screened Interval

0 140 feet

Vertical Exaggeration = 5.00

Cross Section View LWTS–1
WVDP DOE/RCRA wells

Figure 2–9

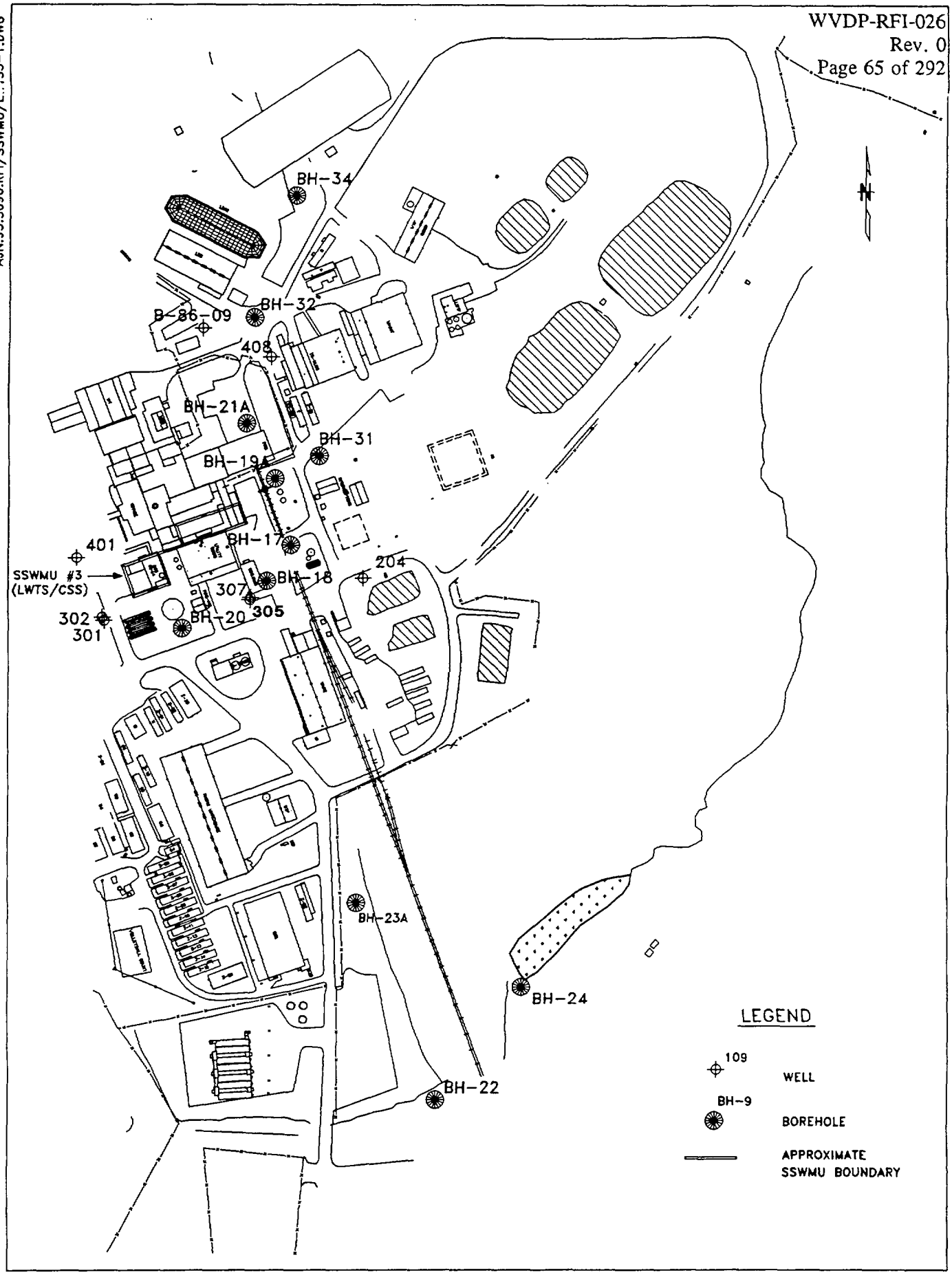


Figure 3-1. Groundwater and Soil Sampling Locations at the Liquid Waste Treatment System.

RFI:0003016.RM

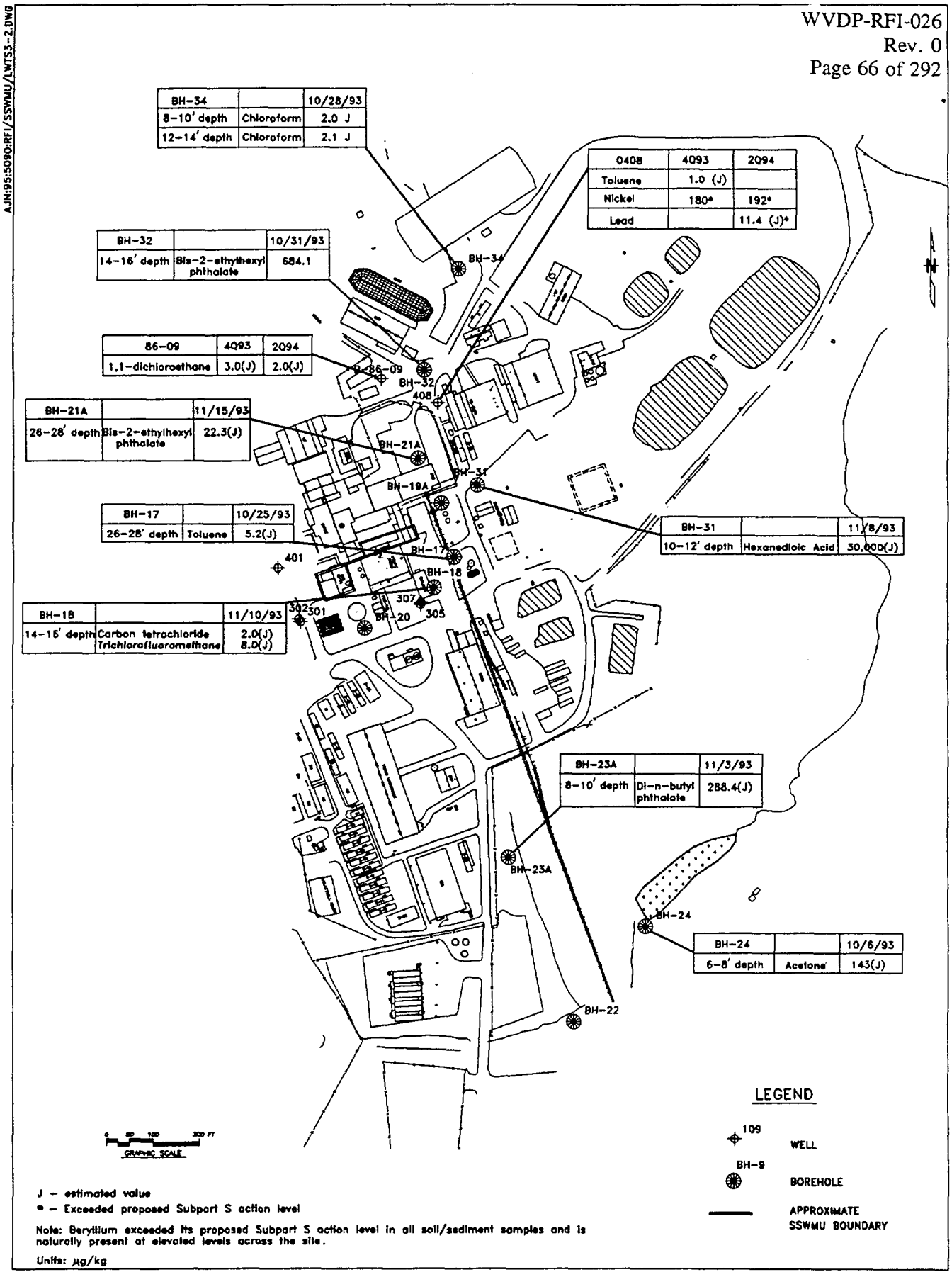
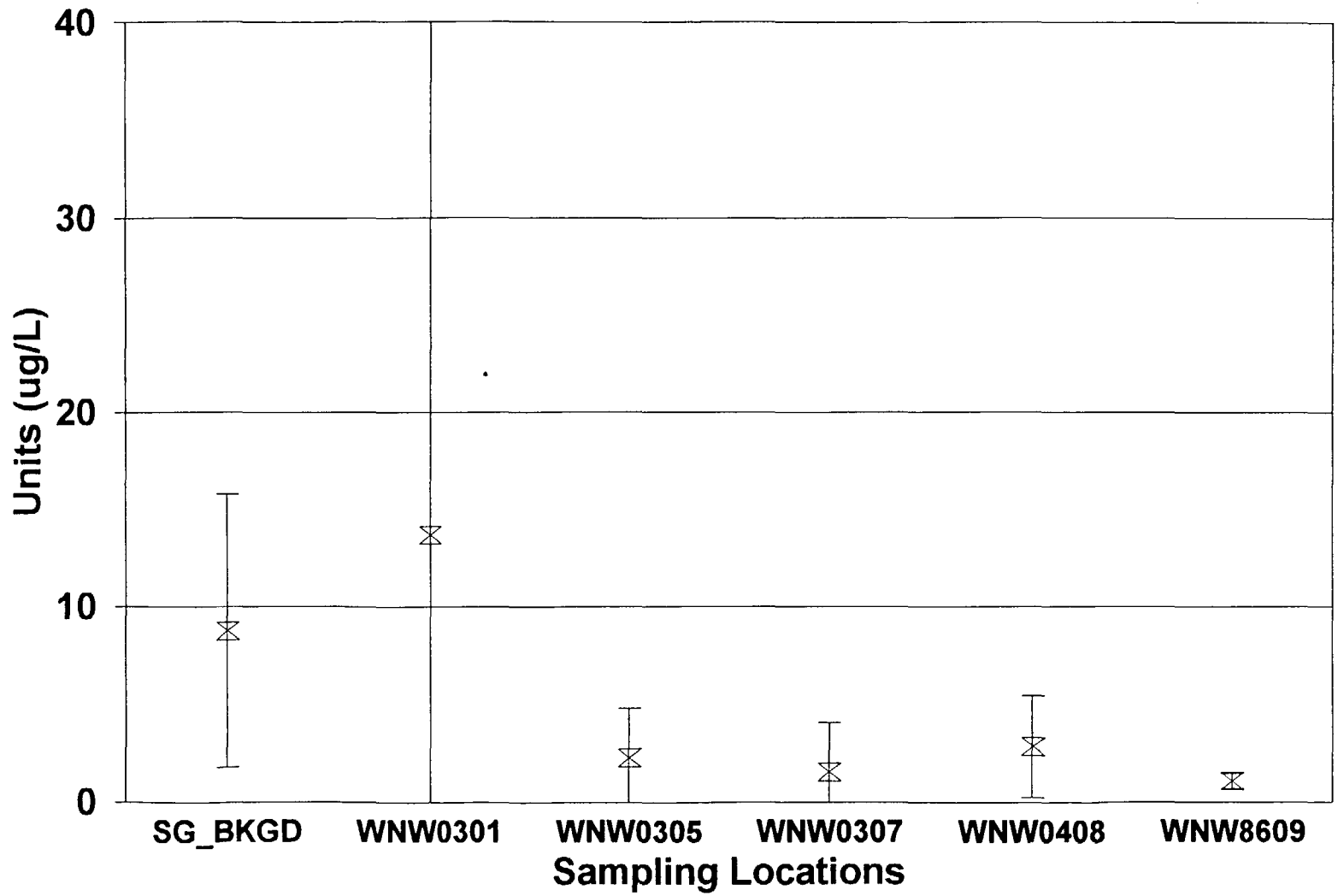


Figure 3-2. Liquid Waste Treatment System Resource Conservation and Recovery Act Facility Investigation Sampling Locations and Analytical Results Summary.

Figure 3-3.

Arsenic in the Sand and Gravel Unit

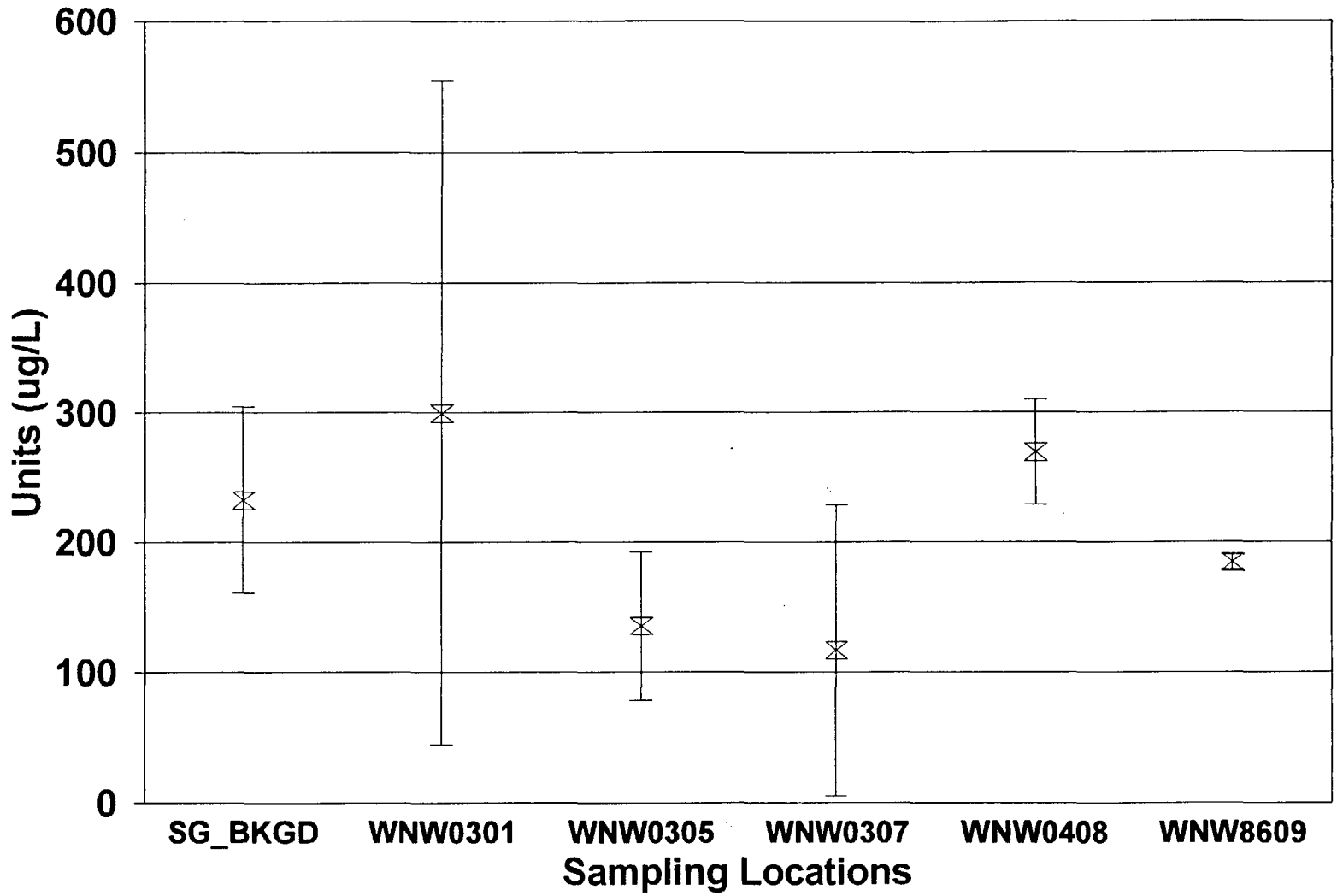
99% Confidence Intervals



SG_BKGD is a combination of Wells WNW0301, WNW0401, and WNW0706

Figure 3-4.

Barium in the Sand and Gravel Unit
99% Confidence Intervals

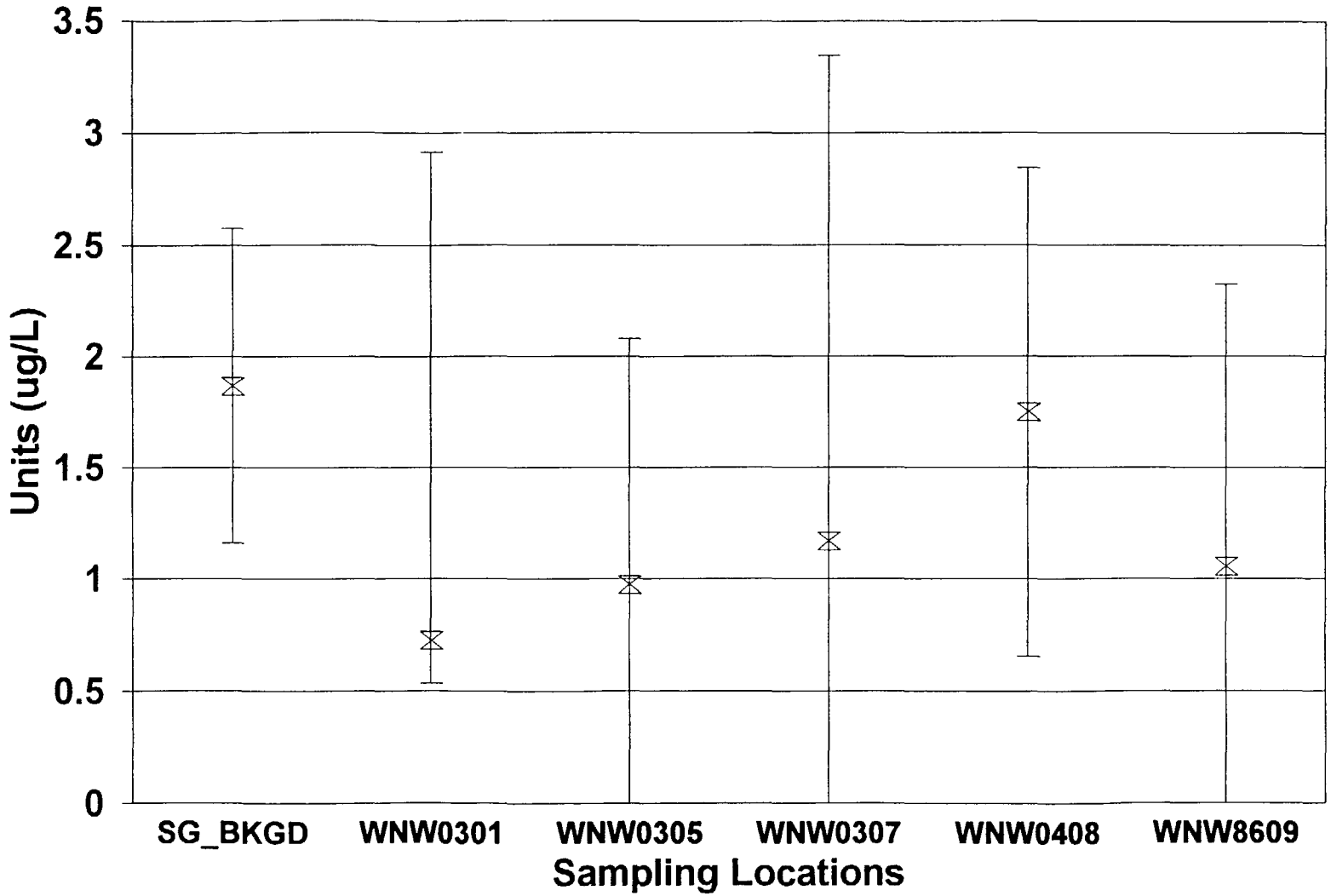


SG_BKGD is a combination of Wells WNW0301, WNW0401, and WNW0706

Figure 3-5.

Cadmium in the Sand and Gravel Unit

99% Confidence Intervals

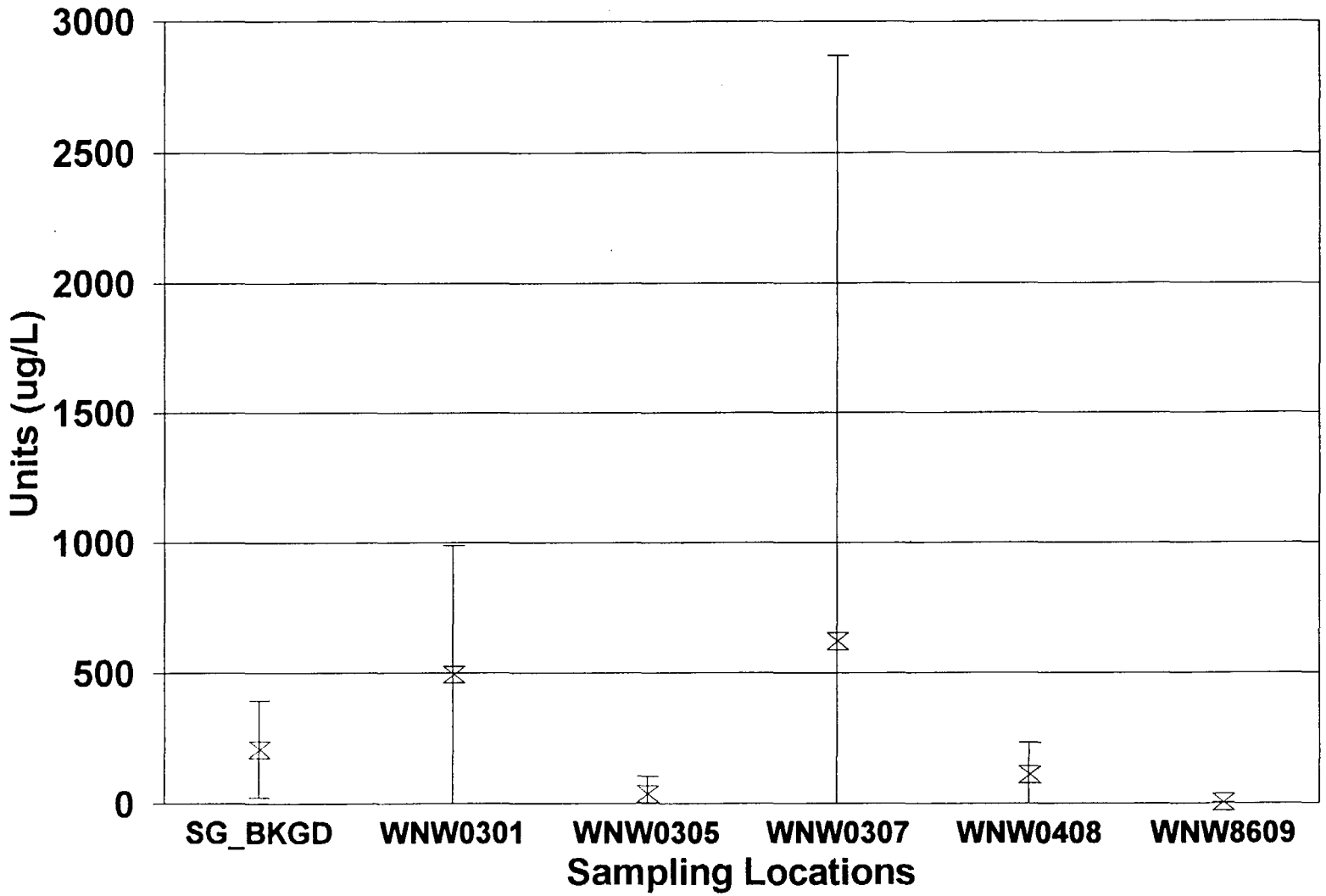


SG_BKGD is combination of Wells WNW0301, WNW0401, and WNW0706

Figure 3-6.

Chromium in the Sand and Gravel Unit

99% Confidence Intervals

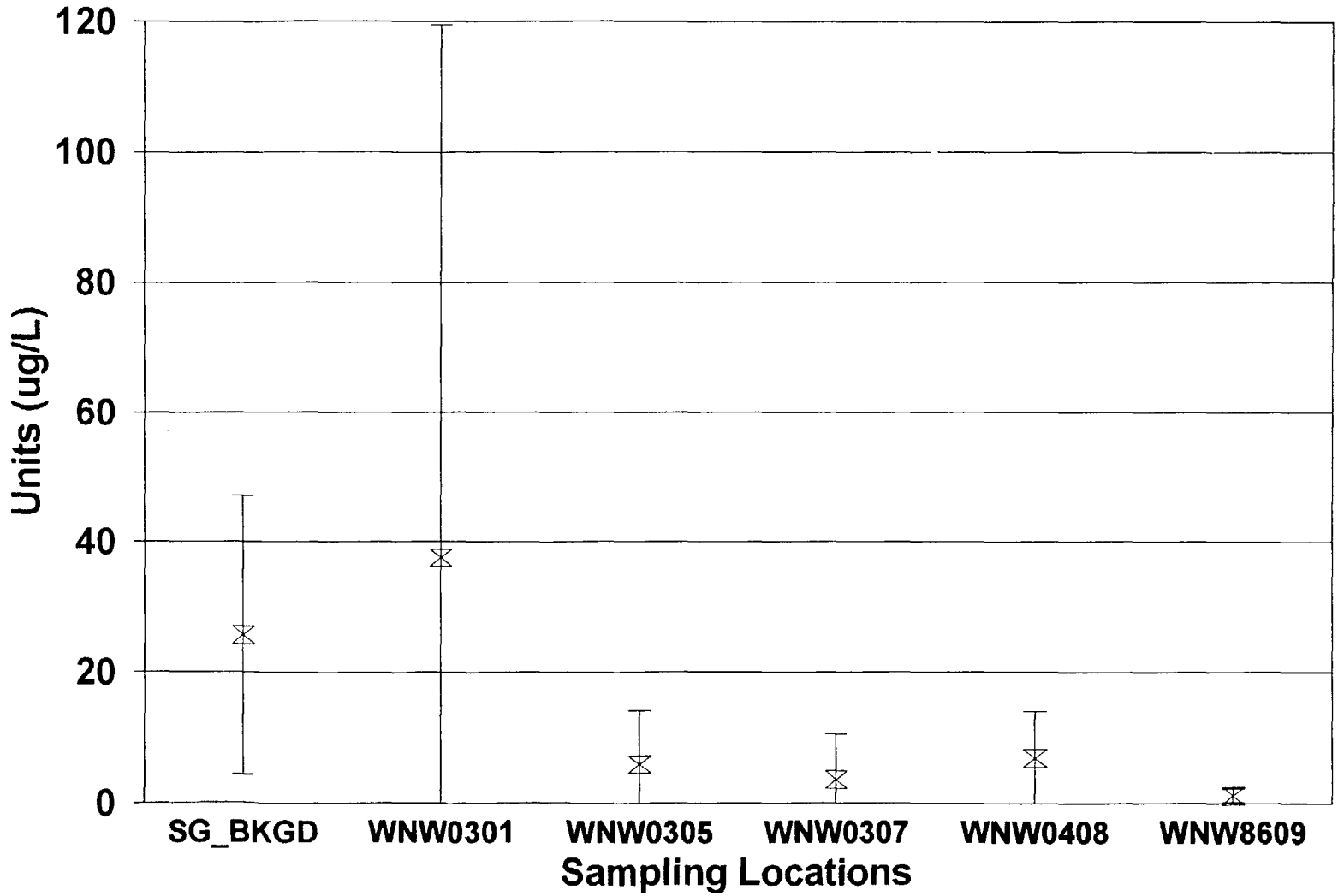


SG_BKGD is a combination of Wells WNW0301, WNW0401, and WNW0706

Figure 3-7.

Lead in the Sand and Gravel Unit

99% Confidence Intervals

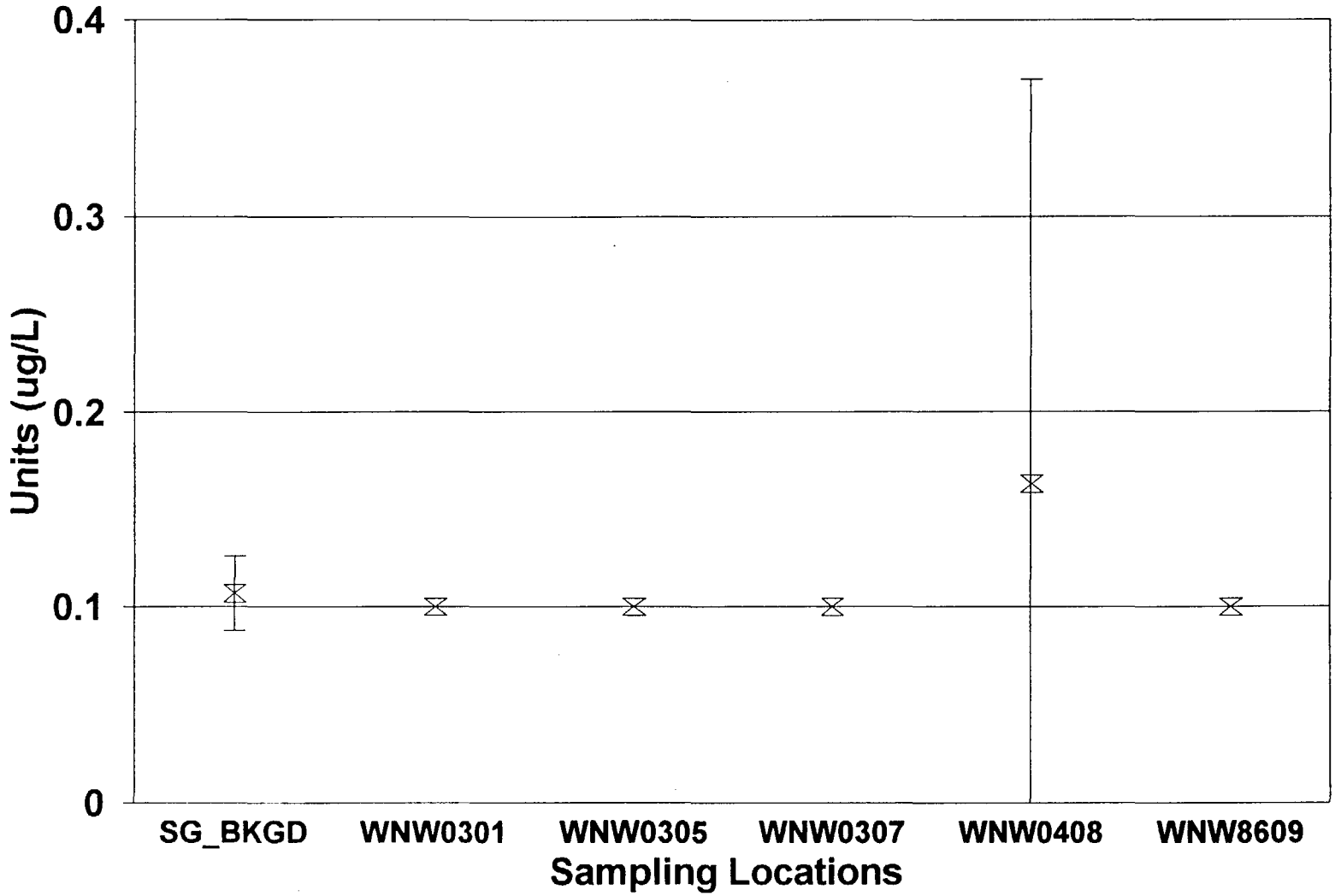


SG_BKGD is a combination of Wells WNW0301, WNW0401, and WNW0706

Figure 3-8.

Mercury in the Sand and Gravel Unit

99% Confidence Intervals

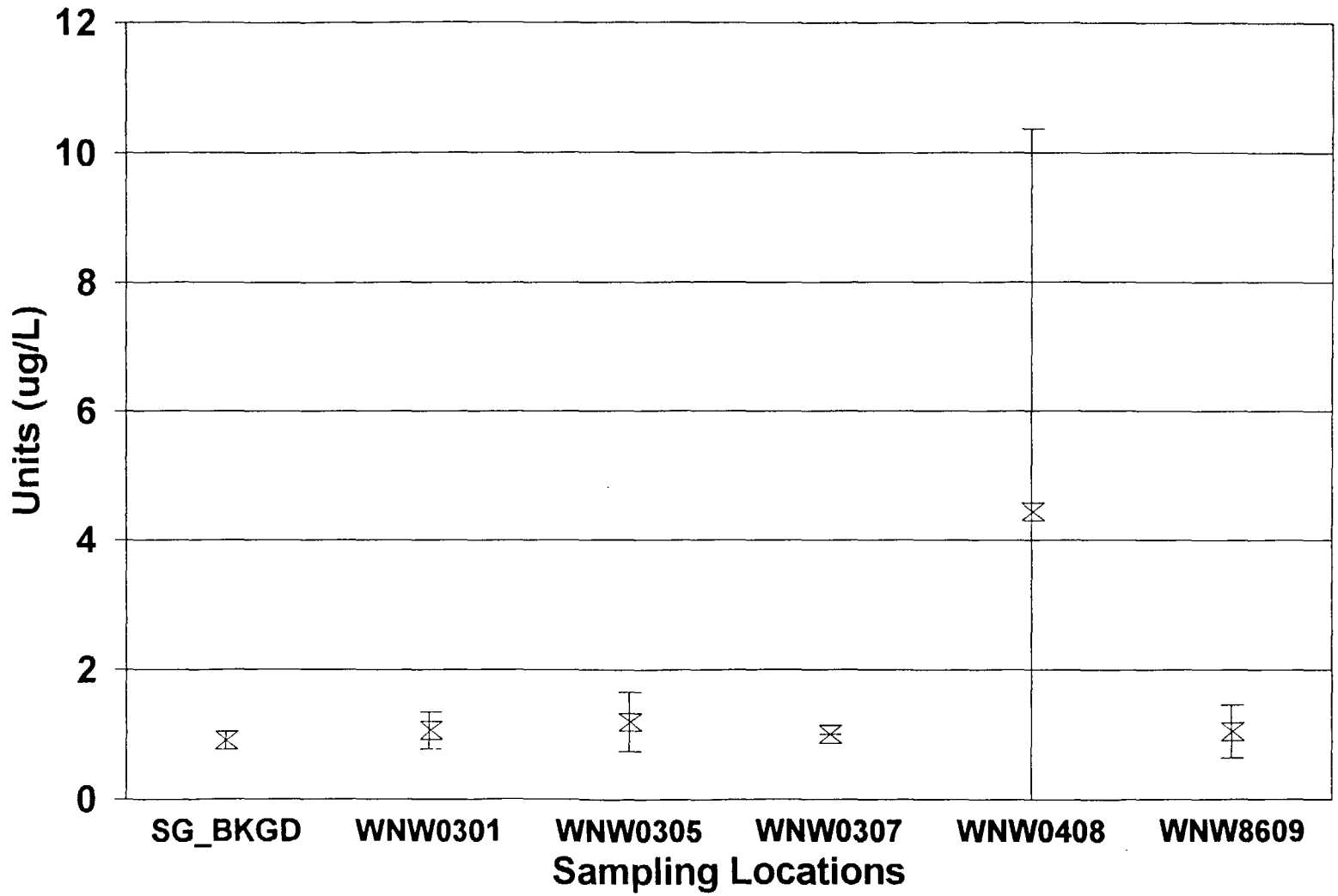


SG_BKGD is a combination of Wells WNW0301, WNW0401, and WNW0706

Figure 3-9.

Selenium in the Sand and Gravel Unit

99% Confidence Intervals

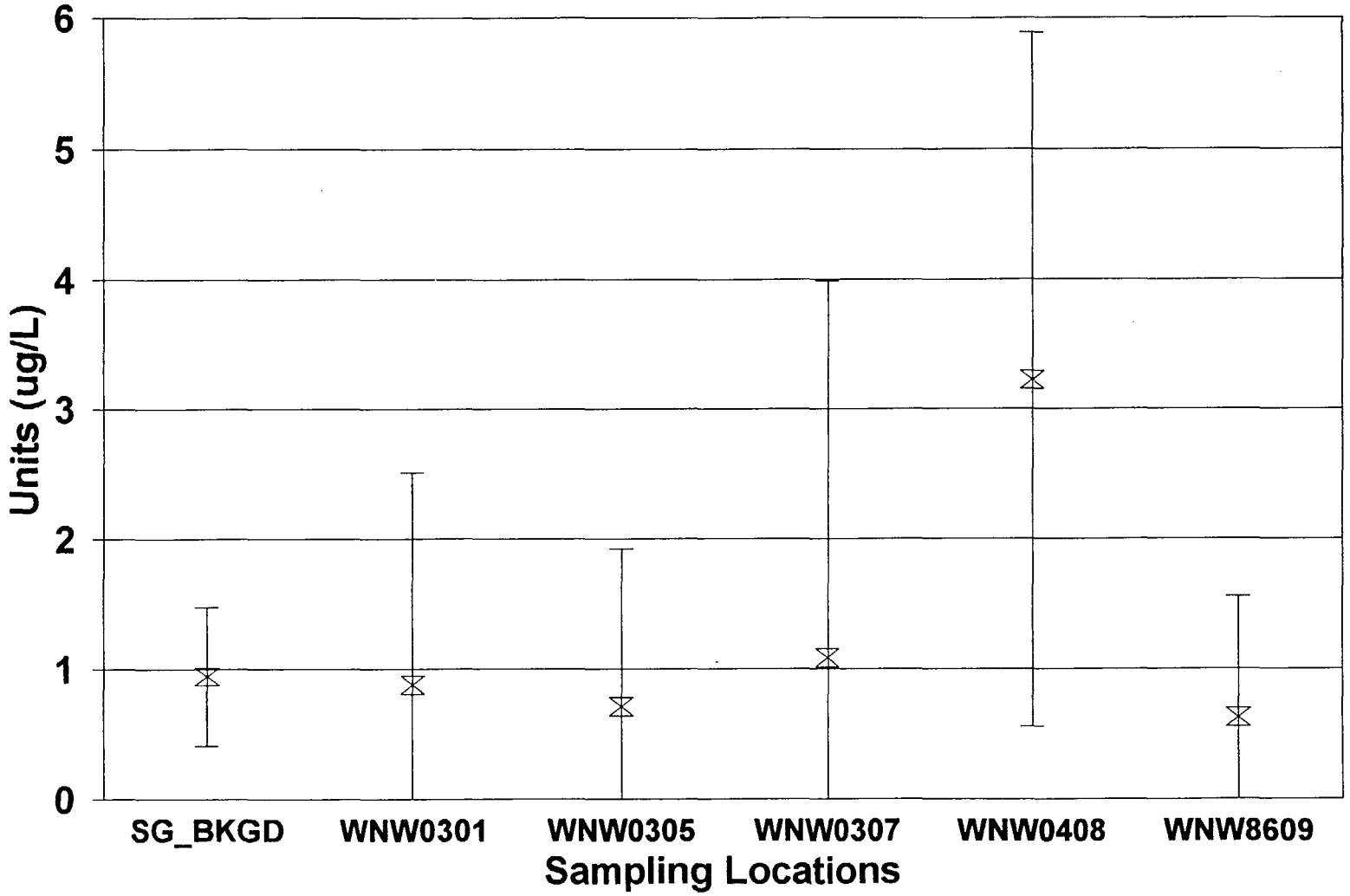


SG_BKGD is a combination of Wells WNW0301, WNW0401, and WNW0706

Figure 3-10.

Silver in the Sand and Gravel Unit

99% Confidence Intervals



SG_BKGD is a combination of Wells WNW0301, WNW0401, and WNW0706

Figure 3-11.

Arsenic in the Till-Sand Unit

99% Confidence Intervals

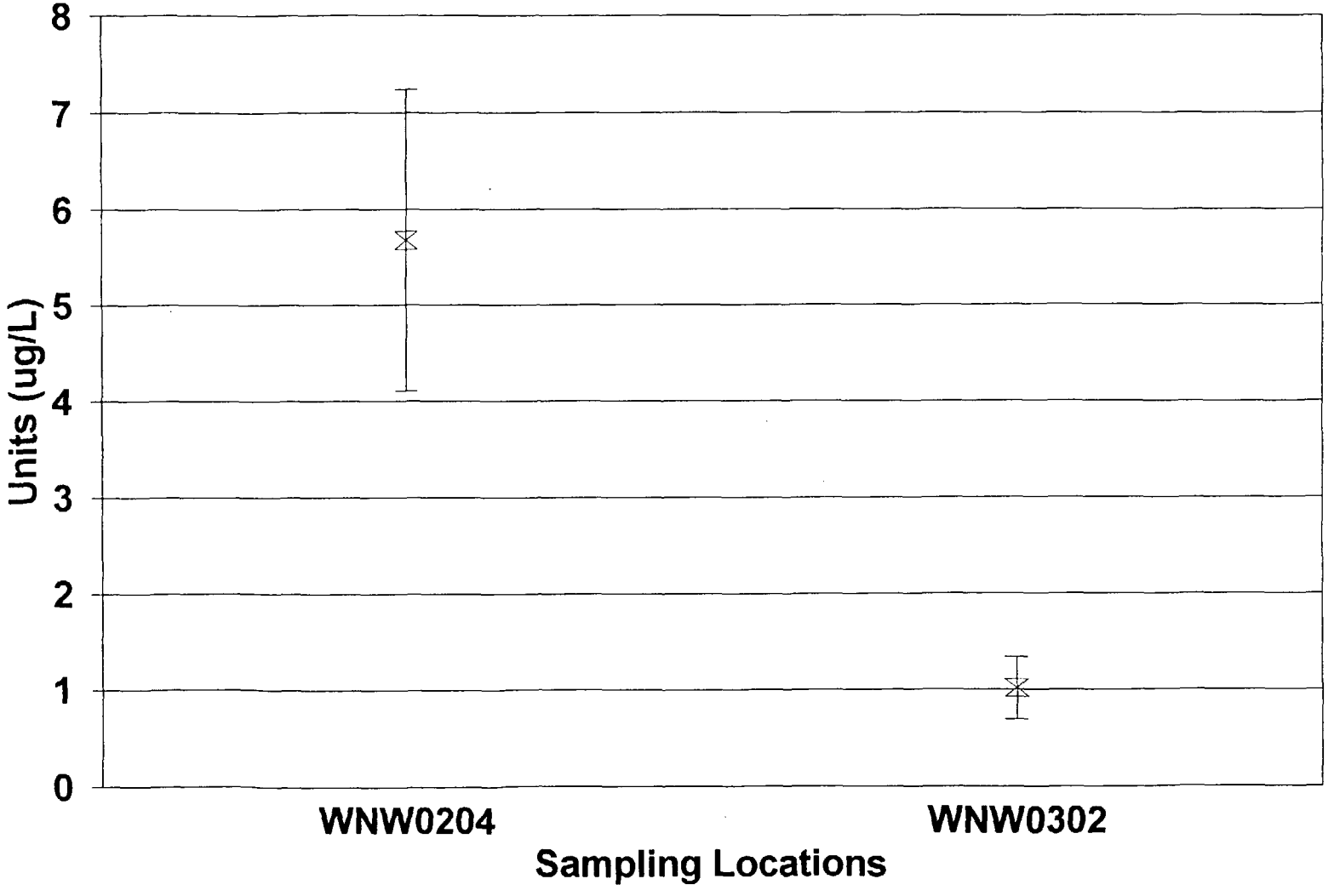


Figure 3-12.

Barium in the Till-Sand Unit

99% Confidence Intervals

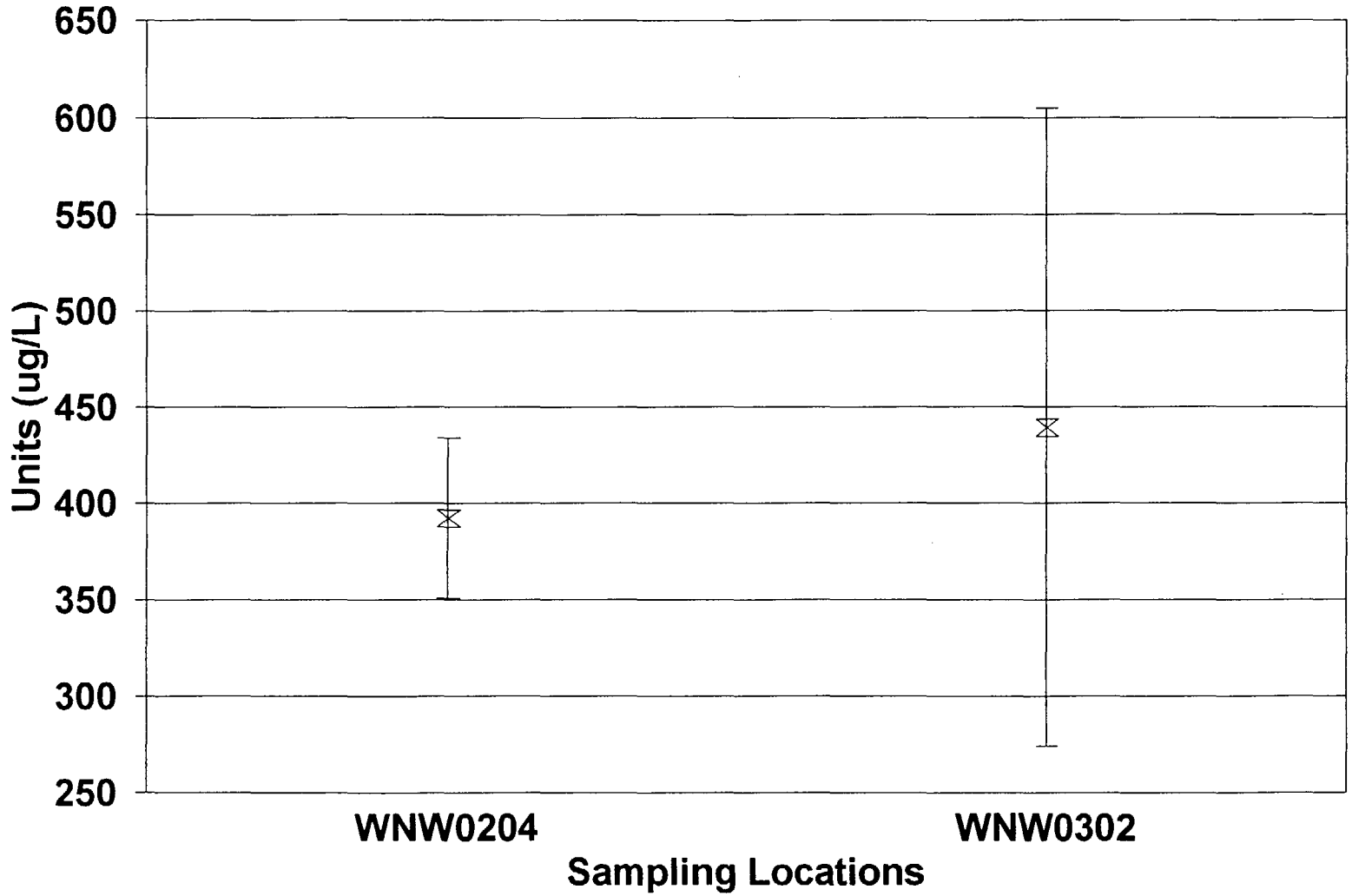


Figure 3-13.

Cadmium in the Till-Sand Unit

99% Confidence Intervals

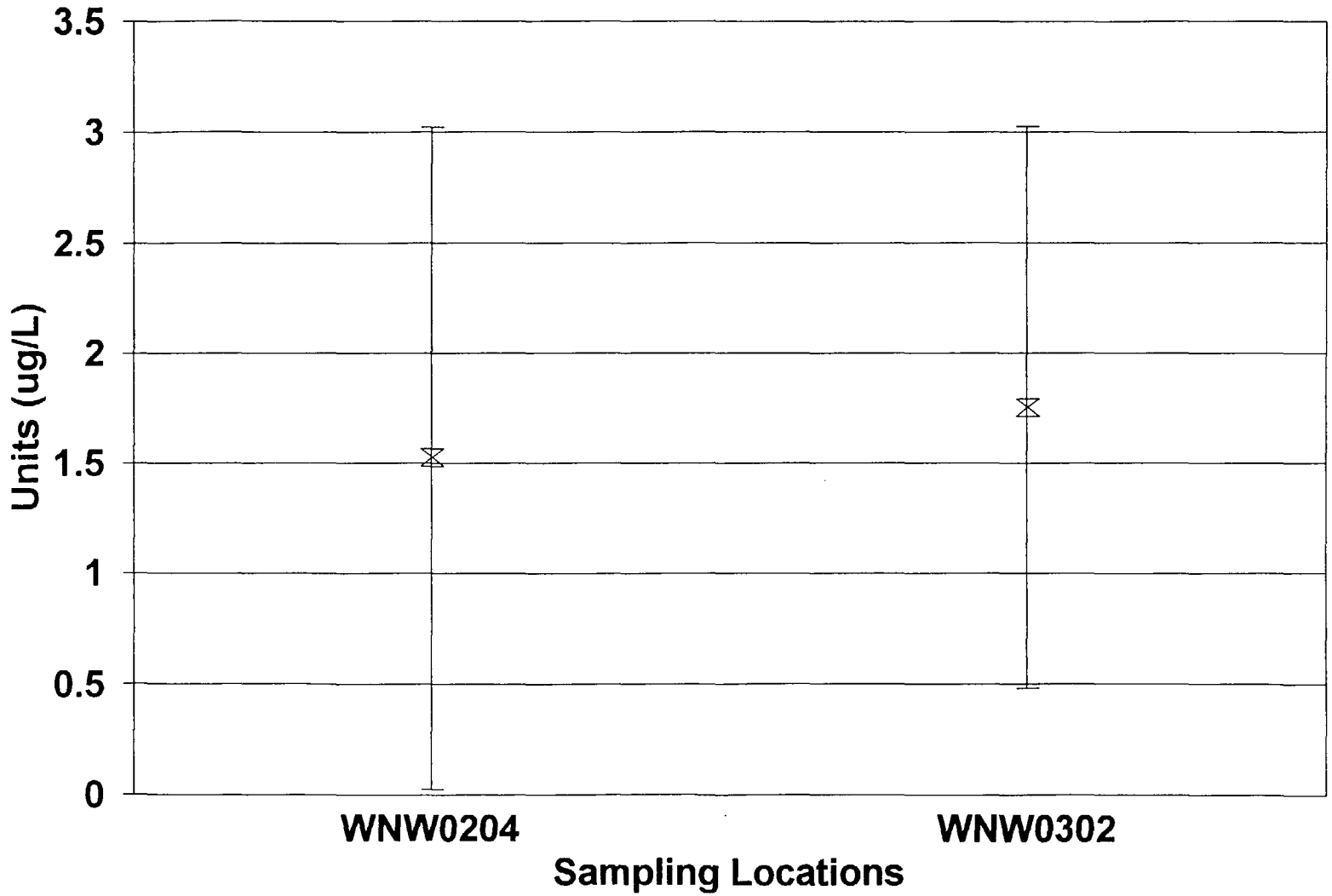


Figure 3-14.

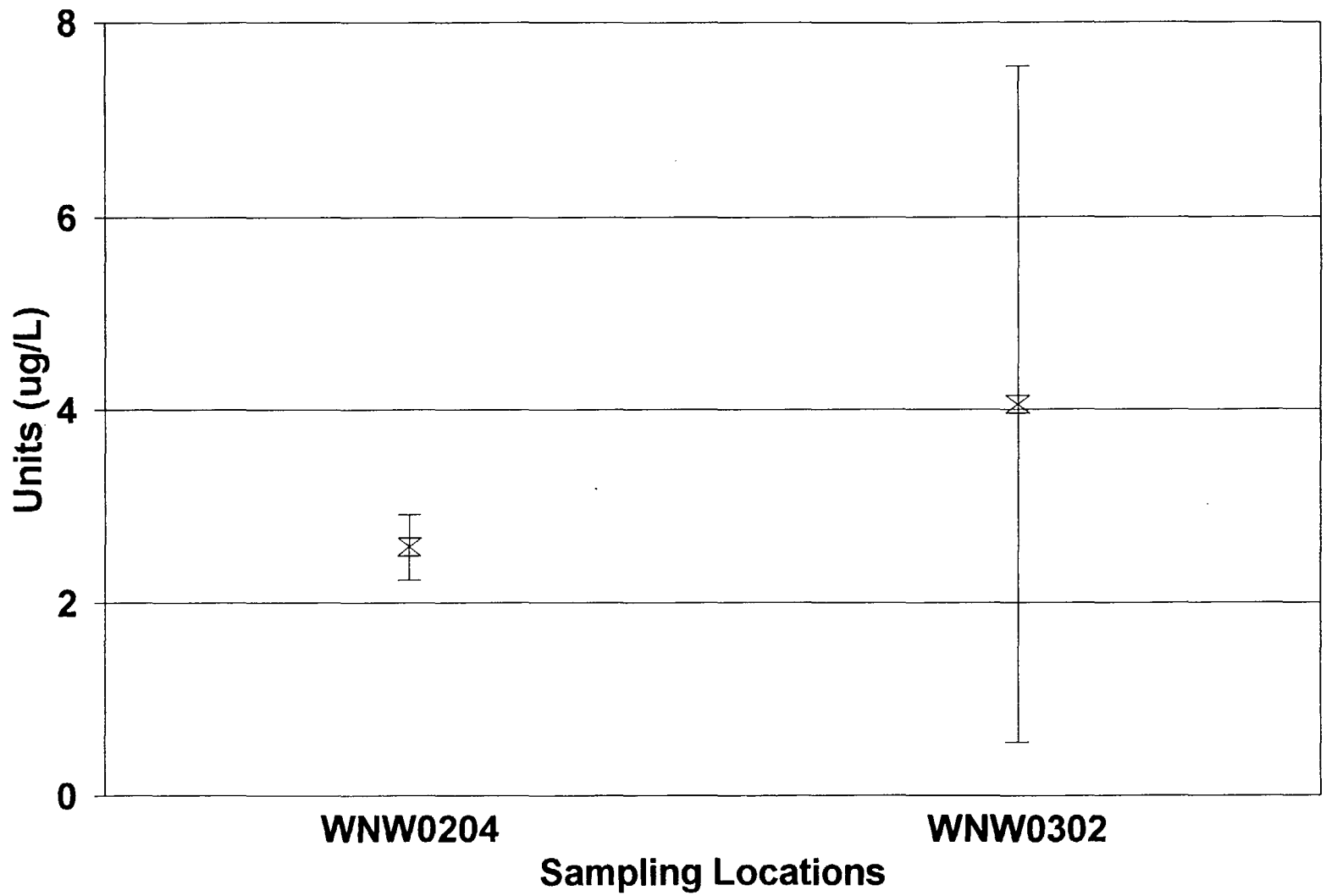

Chromium in the Till-Sand Unit
99% Confidence Intervals
8
6
4
2
0
Units (ug/L)
WNW0204
WNW0302
Sampling Locations

Figure 3-15.

Lead in the Till-Sand Unit
99% Confidence Intervals

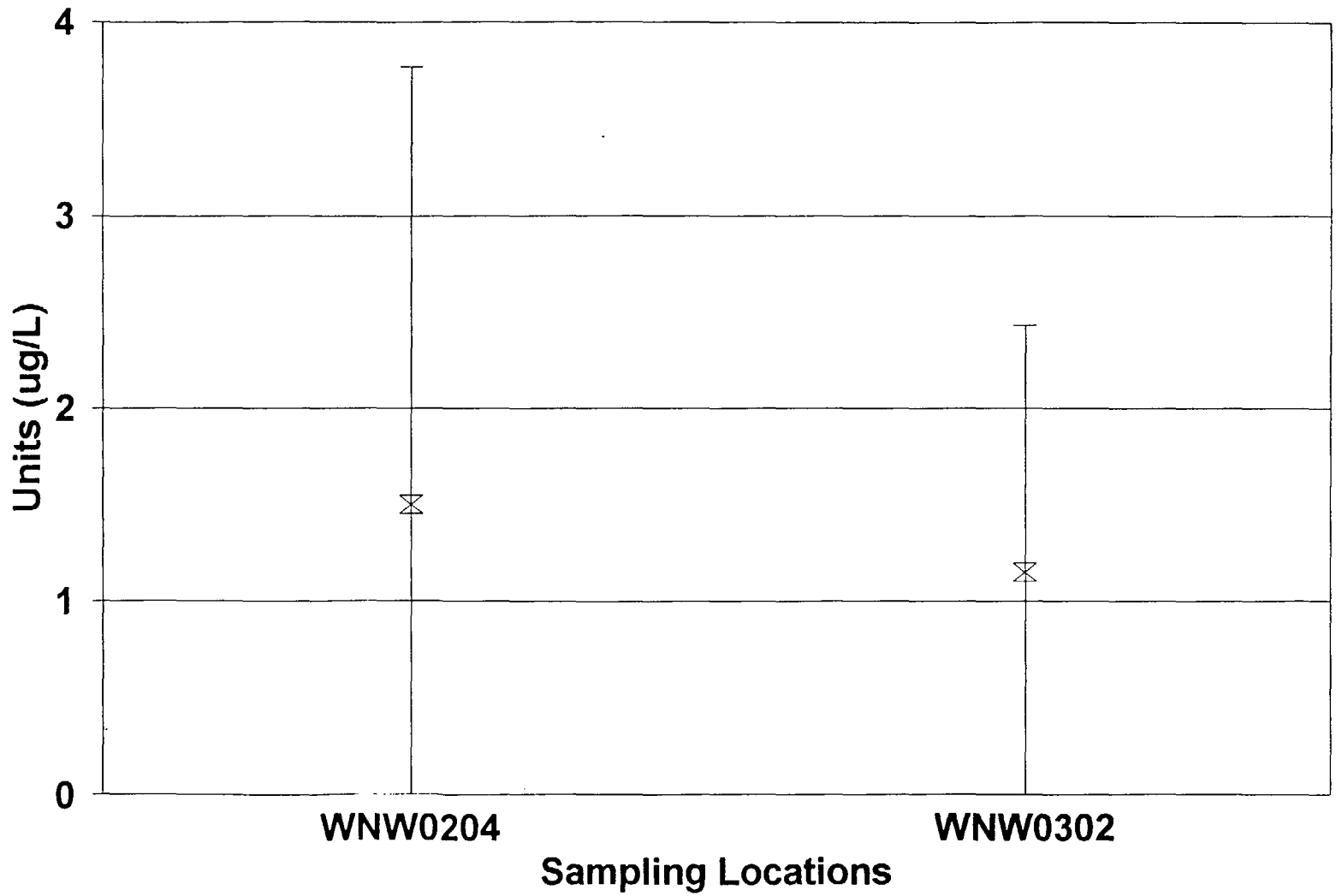


Figure 3-16.

Mercury in the Till-Sand Unit
99% Confidence Intervals

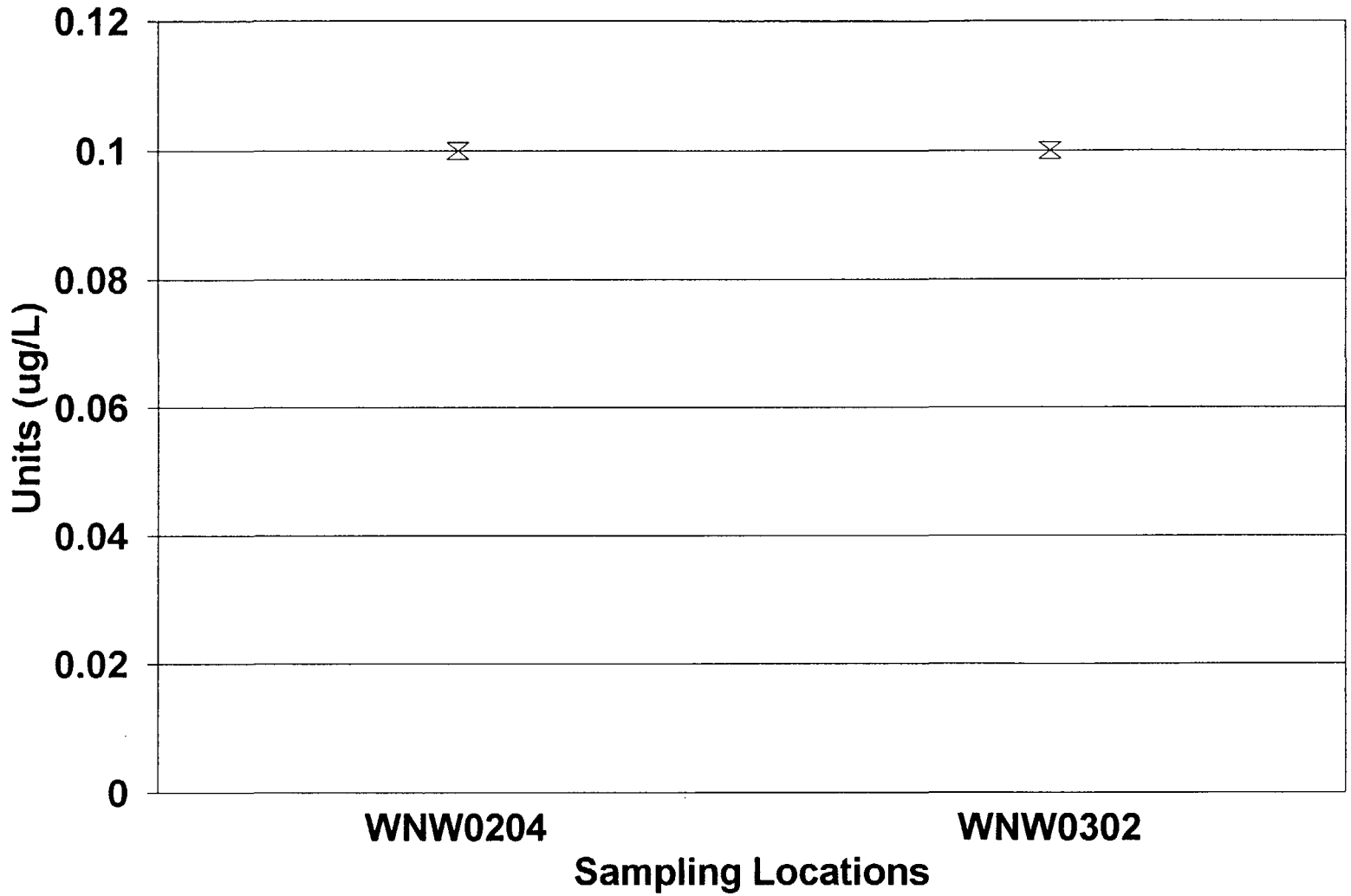


Figure 3-17.

Selenium in the Till-Sand Unit
99% Confidence Intervals

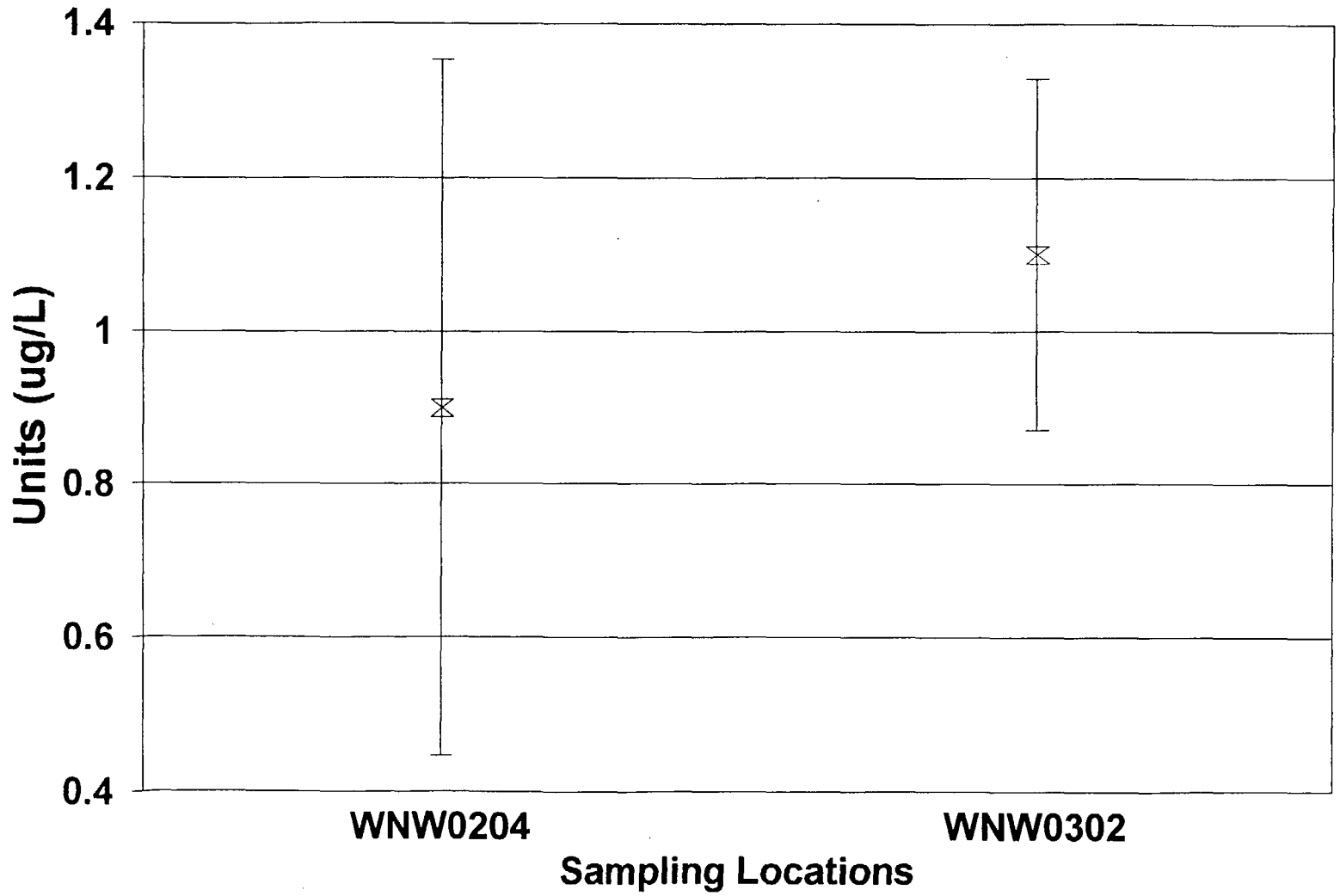
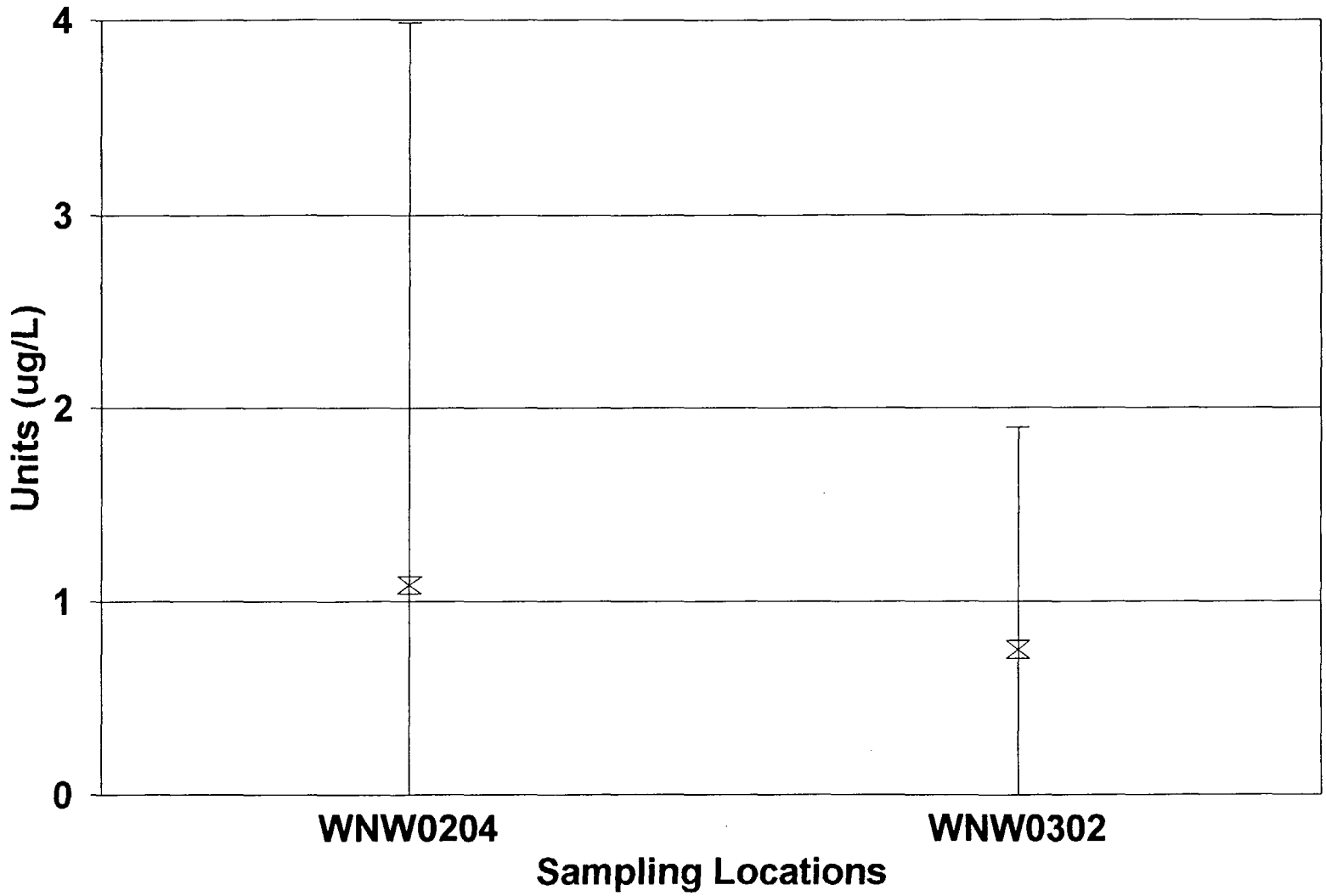


Figure 3-18.


Silver in the Till-Sand Unit
99% Confidence Intervals
Units (ug/L)
4
3
2
1
0
WNW0204
WNW0302
Sampling Locations

Appendix A

Nuclear Fuel Services, Inc.
Decontamination Solutions

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- Water

- Type 1 decontamination solution (1,000 liters):

  1) 500 liters of water heated to 150°F
  2) 200 liters of 18M sodium hydroxide (NaOH)
  3) 100 lbs of potassium permanganate ($KMnO_4$)
  4) 55 lbs of potassium dichromate (KCr_2O_7)
  5) water at temperatures of 180°F - 200°F added to make a total of 1,000 liters

- Type 2 decontamination solution (1,000 liters):

  1) 700 liters of water heated to 150°F
  2) 180 lbs of oxalic acid ($H_2C_2O_4$)
  3) 10 lbs of citric acid ($H_3C_6H_5O_7$)
  4) 10 lbs of tartaric acid ($H_6C_6O_4$)
  5) 8 lbs of sodium-nitrilotriacetate (NTA) $C_6H_6NO_6 \bullet 3Na$
  6) water at temperatures of 150°F - 170°F added to make a total of 1,000 liters

- 0.8M aluminum nitrate [$Al(NO_3)_3$] decontamination solution (1,000 liters):

  1) 700 liters of water
  2) 675 lbs of aluminum nitrate [$Al(NO_3)_3$]
  3) water added to make a total of 1,000 liters

- 2.0M nitric acid (HNO_3) and 0.05M ammonium fluoride (NH_4F) decontamination solution (1,000 liters):

  1) 870 liters of water
  2) 4 lbs of ammonium fluoride (NH_4F)
  3) 130 liters of 15M nitric acid (HNO_3)

- Sodium tartrate decontamination solution (1,000 liters):

  1) 880 liters water
  2) 120 liters of 18M sodium hydroxide (NaOH)
  3) 20 kgs of tartaric acid ($H_6C_6O_4$), heated to 150°F - 170°F

- Citric acid/nitric acid decontamination solution (1,000 liters):

  1) 800 liters of water heated to 150°F
  2) 108.5 liters of citric acid ($H_3C_6H_5O_7$)
  3) 19.3 liters of 15M nitric acid (HNO_3)

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Appendix B

1993 Liquid Waste Treatment System Borehole Boring Logs

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SHEET 1 OF: 2 DATE STARTED: 10/25/93 DATE FINISHED: 10/25/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-17 SURFACE ELEVATION (FT.): 1409.78 NORTHING: 892698.61 EASTING: 480887.67
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: NE OF LAUNDRY BLDG. SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 6-12	BLOWS ON SAMPLER 12-18 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	24/19	SS-1	17	25		Red brown SILT and fine to coarse pebble GRAVEL; damp, dense. (Hnu:<0.5ppm, beta/gamma:BB) (SW/GM)
			15	16		
	24/18	SS-2	19	23		Brown silty clayey GRAVEL with clots of brown silty CLAY; moist at top, wet at bottom, dense. (GC/CL) (Hnu:<0.5ppm, beta/gamma:BB)
			19	20		
	24/18	SS-3	19	22		Brown silty GRAVEL, locally clayey; moist, dense. (GM) (Hnu:<0.5ppm, beta/gamma:BB)
5			18	20		
	24/20	SS-4	20	27		As above.
			38	34		
	24/20	SS-5	21	13		Dark brown silty slightly clayey GRAVEL; moist, medium dense. (Hnu:<0.5ppm, beta/gamma:BB) (GM/GC))
			12	10		
10	24/19	SS-6	5	10		As above. (1.0') Dark brown silty sandy GRAVEL; moist, loose. (0.5') (GM) Brown pebbly silty CLAY, wet. (0.1') (CL) (Hnu:<0.5ppm, beta/gamma:BB)
			9	8		
	24/18	SS-7	12	18		Brown silty sandy GRAVEL, damp, dense. (0.7') (GM) Brown slightly silty SAND and fine GRAVEL; damp, dense. (0.8') (SM/GM) (Hnu:<0.5ppm, beta/gamma:BB)
			19	27		
	24/19	SS-8	16	19		Yellow brown silty moderately clayey GRAVEL; moist, dense. (0.4') (GC/GM) Yellow brown pebble-cobble GRAVEL, slightly silty; saturated, dense. (GM) (Hnu:<0.5ppm, beta/gamma:BB)
15			18	18		
	24/19	SS-9	19	21		Yellow brown silty sandy GRAVEL, slightly clayey; saturated, dense. (GM) (Hnu:<0.5ppm, beta/gamma:BB)
			18	19		
	24/20	SS-10	19	26		
			35	32		

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 2 OF: 2 DATE STARTED: 10/25/93 DATE FINISHED: 10/25/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-17 SURFACE ELEVATION (FT.): 1409.78 NORTHING: 892698.61 EASTING: 480887.67
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: NE OF LAUNDRY BLDG. SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 6-12	BLOWS ON SAMPLER 12-18 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	24/16	SS-11	22	30		Yellow brown sandy silty pebble-cobble GRAVEL; saturated, medium dense. (Hnu:<0.5ppm, beta/gamma:BB) (GM)
			31	34		
	24/18	SS-12	16	22		Yellow brown silty sandy moderately clayey GRAVEL; saturated, dense. (GM) (Hnu:<0.5ppm, beta/gamma:BB)
			30	28		
25	24/7	SS-13	26	41		As above.
			35	24		
	24/19	SS-14	16	10		Brown speckled very coarse SAND with cobbles; saturated, loose. (0.8') (SP)
			14	25		Brown moderately silty CLAY; moist, stiff. (0.4') (CL)
	24/23	SS-15	7	16		Brown gray slighlty silty CLAY; damp, stiff. (0.4') (CL) (Hnu:<0.5ppm, beta/gamma:BB)
			21	35		Brown silty very slightly pebbly CLAY; damp, hard. (CL) (Hnu:<0.5ppm, beta/gammma:BB)
30						AUGERED TO 28 FT. SAMPLED TO 30 FT. BOREHOLE BACKFILLED TO SURFACE BACKGROUND READINGS: Hnu = <0.5ppm beta/gamma = 100cpm
35						

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 1 OF: 3 DATE STARTED: 11/10/93 DATE FINISHED: 11/11/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-18 SURFACE ELEVATION (FT.): 1,410.91 NORTHING: 892,631.94 EASTING: 480,843.96
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: EAST LAUNDRY BUILDING SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 12-18	BLOWS ON SAMPLER 6-12 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	18/16	SS-1	DUG 25	16 50		Blacktop pavement (0.5') Brown pebbly SAND; damp, dense. (0.8') (SP) (OVA:3.5ppm, beta/gamma:BB)
	24/17	SS-2	9 16	15 19		Red brown silty SAND and GRAVEL; damp, dense. (GM) (OVA:3.5ppm, beta/gamma:BB)
5	24/17	SS-3	10 9	7 14		Green gray silty SAND and GRAVEL; damp. (0.4') (GM) Orange brown pebbly SILT; damp, stiff. (1.0') (ML) (OVA:25ppm AB, beta/gamma:BB)
	24/18	SS-4	13 14	17 18		Orange brown SAND and GRAVEL; damp, dense. (GM) (OVA:3.5ppm, beta/gamma:BB)
	24/17	SS-5	11 13	14 14		As above.
10	24/16	SS-6	4 16	13 16		Orange brown SAND and GRAVEL; damp to moist, dense. (GM) (OVA:3.5ppm, beta/gamma:60cpm AB)
	24/16	SS-7	12 11	10 12		Brown SAND and GRAVEL, slighlty silty; saturated, medium dense. (GM) (OVA:3.5ppm, beta/gamma:BB)
15	24/11	SS-8	4 10	9 13		As above.
	24/10	SS-9	9 11	15 10		Brown SAND and GRAVEL, moderately silty; saturated, medium dense. (GM) (OVA:3.5ppm, beta/gamma:BB)
	24/14	SS-10	4 9	8 7		As above.

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 2 OF: 3 DATE STARTED: 11/10/93 DATE FINISHED: 11/11/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-18 SURFACE ELEVATION (FT.): 1,410.91 NORTHING: 892,631.94 EASTING: 480,843.96
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: EAST LAUNDRY BUILDING SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 12-18	BLOWS ON SAMPLER 6-12 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	24/8	SS-11	4 8	10 8		Brown silty SAND and GRAVEL; saturated, medium dense. (GM) (OVA:3.5ppm, beta/gamma:BB)
	24/16	SS-12	6 19	12 25		Brown sandy GRAVEL; saturated, (0.2') (GM) Brown CLAY, slighlty silty; moist. (0.4') (CL) Gray CLAY, slighlty silty; moist. (0.7') (CL) (OVA:3.5ppm, beta/gamma:BB)
25	24/17	SS-13	5 10	7 10		Gray CLAY, as above. (0.2') (CL) Yellow brown SILT and CLAY; moist. (1.0') (ML/CL) Brown SAND and GRAVEL; saturated, loose. (0.2') (GM) (OVA:3.5ppm, beta/gamma:20cpm AB)
	24/10	SS-14	6 8	7 8		Brown silty SAND and GRAVEL; saturated, loose. (GM) (OVA:3.5ppm, beta/gamma:BB)
	24/17	SS-15	11 10	10 10		Brown gray SAND and fine GRAVEL; saturated, loose. (1.0') (GM) Brown silty clayey SAND and GRAVEL; saturated. (0.4') (GM) (OVA:3.5ppm, beta/gamma:BB)
30	24/7	SS-16	10 11	14 11		Brown coarse SAND and pebble GRAVEL; saturated, medium dense. (GM) (OVA:3.5ppm, beta/gamma:BB)
	24/16	SS-17	20 20	22 35		Orange brown SAND and GRAVEL, slightly silty; saturated. (0.8') Gray CLAY and fine SAND, wet. (0.7') (CL/SC) (OVA:3.5ppm, beta/gamma:BB)
35	24/18	SS-18	32 34	25 32		Red brown silty SAND and GRAVEL; wet. (0.5') (GM) Brown gray SAND and GRAVEL; saturated, loose. (1.0') (GM) (OVA:3.5ppm, beta/gamma:BB)
	24/12	SS-19	7 16	12 20		As above. (0.2')
	24/22	SS-20	11 30	18 42		Brown gray silty CLAY, slightly pebbly; moist, very dense. (CL) (OVA:3.5ppm, beta/gamma:BB) Brown gray clayey SILT, slighlty pebbly; wet. (0.9') (ML) Brown gray silty CLAY, pebbly; moist, hard. (0.9') (CL) (OVA:3.5ppm, beta/gamma:BB)

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 3 OF: 3 DATE STARTED: 11/10/93 DATE FINISHED: 11/11/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-18 SURFACE ELEVATION (FT.): 1,410.91 NORTHING: 892,631.94 EASTING: 480,843.96
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: EAST LAUNDRY BUILDING SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 6-12 / 12-18 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
					AUGERED TO 38 FT. SAMPLED TO 40 FT. BOREHOLE BACKGROUTED TO GRADE BACKGROUND READINGS: Hnu = <0.5ppm OVA = 3.5ppm beta/gamma = 100cpm
45					
50					
55					

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 1 OF: 2 DATE STARTED: 11/11/93 DATE FINISHED: 11/14/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH#19A SURFACE ELEVATION (FT.): 1408.54 NORTHING: 892819.44 EASTING: 480859.01
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: SOUTH FRS BUILDING SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 12-18	BLOWS ON SAMPLER 6-12 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	24/12	SS-1	9 11	17 11		Red brown silty SAND and GRAVEL; damp, medium dense. (Hnu:<0.1ppm, beta/gamma:50cpm AB) (GM)
	24/18	SS-2	19 26	42 19		Red brown very silty SAND and GRAVEL; damp, very dense. (Hnu:<0.1ppm, beta/gamma:30cpm AB) (GM)
5	24/18	SS-3	12 12	15 14		Red brown silty clayey SAND and GRAVEL; damp. (0.5') As above, but slightly clayey. (GM) (Hnu:<0.1ppm, beta/gamma:50cpm AB)
	24/10	SS-4	12 25	27 24		Red brown silty SAND and GRAVEL, locally clayey; damp, very dense. (GM) (Hnu:<0.1ppm, beta/gamma:30cpm AB)
	24/20	SS-5	18 17	16 15		Red brown silty GRAVEL, with humic masses; damp, dense. (Hnu:<0.1ppm, beta/gamma:30cpm AB) (GM)
10	24/16	SS-6	13 8	18 13		As above. (Hnu:0ppm, beta/gamma:50cpm AB)
	24/16	SS-7	6 10	10 9		Brown silty moderately clayey SAND and GRAVEL; wet, medium dense. (0.7') (GM) Brown SAND and GRAVEL, slightly silty and slightly clayey; saturated, loose. (GM) (Hnu:<0.1ppm,beta/gamma:710 cpm AB at top to 1230cpm AB at base)
15	24/16	SS-8	8 20	10 18		Yellow brown silty SAND and GRAVEL, locally clayey; humic, saturated, medium dense. (GM) (Hnu:<0.1ppm, beta/gamma:710cpm at top to 130cpm AB at base)
	24/14	SS-9	15 20	23 22		As above. (cobble in shoe) (Hnu:<0.1ppm, beta/gamma:230cpm AB)
	24/16	SS-10	22 23	25 30		As above. (cobble in shoe) (Hnu:<0.1ppm, beta/gamma:90cpm AB)

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 2 OF: 2 DATE STARTED: 11/11/93 DATE FINISHED: 11/14/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-19A SURFACE ELEVATION (FT.): 1408.54 NORTHING: 892819.44 EASTING: 480859.01
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: SOUTH FRS BUILDING SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 12-18	BLOWS ON SAMPLER 6-12 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	24/14	SS-11	8 27	27 23		Brown silty SAND and GRAVEL, slightly to moderately clayey; humic, saturated, very dense. (GM) (Hnu:<0.1ppm, beta/gamma:30cpm AB)
	24/12	SS-12	25 .4	46 -		Red brown silty sandy GRAVEL; saturated, very dense. (Hnu:<0.1ppm, beta/gamma:BB)
25	24/22	SS-13	23 44	74 37		Brown CLAY and clayey SILT; saturated. (0.5') (ML/CL) Brown silty clayey SAND and GRAVEL; saturated, very dense. (0.9') (GM) Gray brown silty SAND; saturated, loose. (0.2') (SM) (Hnu:<0.1ppm, beta/gamma:80cpm AB)
	24/23	SS-14	20 27	23 36		Gray brown SAND and clayey SAND and GRAVEL; saturated (0.9') (GM Brown and gray CLAY. (1.0') (CL) (Hnu:<0.1ppm, beta/gamma:20cpm AB)
	24/22	SS-15	9 24	12 41		Brown coarse SAND, saturated, loose. (0.3') (SP) Gray clayey SILT and fine SAND; saturated, very stiff. (1.5') (Hnu:<0.1ppm, beta/gamma:BB) (ML/SP)
30	24/22	SS-16	9 33	24 43		Gray silty CLAY, slightly pebbly, slightly sandy; moist to wet, hard. Underlies brown sand and gravel; saturated at 31.0 ft.. (Hnu:<0.1ppm, beta/gamma:BB) (CL)
	24/24	SS-17	14 42	28 50		Gray silty CLAY, slightly pebbly; moist, hard. (CL) (Hnu:<0.1ppm, beta/gamma:BB)
35						AUGERED TO 32 FT. SAMPLED TO 34 FT. BOREHOLE BACKGROUTED TO GRADE BACKGROUND READINGS: Hnu = <0.1ppm beta/gamma = 70cpm

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 1 OF: 2
DATE STARTED: 11/3/93
DATE FINISHED: 11/4/93
DRILLER: BUFFALO DRILLING CO.
INSPECTOR: ROBERT H. TEIFKE

BORING LOG

DAMES & MOORE

BOREHOLE NO.: BH-20
SURFACE ELEVATION (FT.): 1,410.33
NORTHING: est.892,533.15
EASTING: est.480,689.37

PROJECT: 1993 SOILS PROGRAM
JOB NUMBER: 10805-827-8350

LOCATION: EAST CONDENSATE TANKS
SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 6-12	BLOWS ON SAMPLER 12-18 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	24/0	SS-1	9	15		Sod, immediately underlain by gravel or crusher run. (Hnu:<0.5ppm, beta/gamma:BB)
			10	15		
	24/16	SS-2	6	13		Yellow brown silty moderately clayey coarse SAND and pebble GRAVEL; saturated, medium dense. (GM) (Hnu:<0.5ppm, beta/gamma:BB)
			15	15		
5	24/17	SS-3	8	15		Yellow brown silty pebble-cobble GRAVEL, slightly clayey; with humic clots; saturated, dense. (GM) (Hnu:<0.5ppm, beta/gamma:BB)
			26	14		
	24/11	SS-4	7	13		Yellow brown silty sandy pebble-cobble GRAVEL, slightly clayey; with humic masses, saturated, medium dense. (GM) (Hnu:<0.5ppm, beta/gamma:BB)
			14	17		
	24/10	SS-5	13	17		As above.
			11	12		
10	24/7	SS-6	9	20		As above.
			26	41		
	24/13	SS-7	6	20		As above. (0.4')
			30	41		Gray plastic CLAY, very slightly silty; with fissure fillings, orange brown SAND; moist, hard. (SC/CL) (Hnu:<0.5ppm, beta/gamma:BB)
15	24/16	SS-8	8	23		Brown gray plastic CLAY, very slightly silty, with rare small pebbles; moist, hard. (CL) (Hnu:<0.5ppm, beta/gamma:BB)
			26	40		
	24/20	SS-9	4	7		Gray plastic CLAY, slightly silty, with rare small pebbles; moist, very stiff. (CL) (Hnu:<0.5ppm, beta/gamma:BB)
			10	12		
						(con't pg 2)

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 2 OF: 2 DATE STARTED: 11/3/93 DATE FINISHED: 11/4/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-20 SURFACE ELEVATION (FT.): 1,410.33 NORTHING: est.892,533.15 EASTING: est.480,689.37
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: EAST CONDENSATE TANKS SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 6-12 / 12-18 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
					AUGERED TO 16 FT. SAMPLED TO 18 FT. BOREHOLE BACKGROUTED TO GRADE BACKGROUND READINGS: Hnu = <0.5ppm beta/gamma = <70cpm
25					
30					
35					

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 1 OF: 3 DATE STARTED: 11/15/93 DATE FINISHED: 11/16/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-21A SURFACE ELEVATION (FT.): 1,409.0 TOPO NORTHING: est.892,921.43 EASTING: est.480,807.84
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: NORTH FRS BUILDING SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 6-12	BLOWS ON SAMPLER 12-18 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	24/11	SS-1	10	20		Brown and red brown, silty, gritty, pebble-cobble, GRAVEL; damp, very dense. (Hnu:<0.5ppm, beta/gamma:BB) (GM)
			37	65		
	24/19	SS-2	24	35		
			34	24		
5	24/18	SS-3	9	15		Red brown silty clayey poorly sorted SAND and pebble-cobble GRAVEL; with alot of humic matter, moist, dense. (SP/GM) (Hnu:<0.5ppm, beta/gamma:BB)
			14	15		
	24/19	SS-4	10	37		As above (0.3') to gray silty clayey SAND and fine GRAVEL; moist. Red brown silty coarse SAND and pebble-cobble GRAVEL, slightly clayey; with humic masses; moist, very dense. (GM) (Hnu:<0.5ppm, beta/gamma:BB)
			37	40		
	24/20	SS-5	17	24		Red brown clayey silty sandy pebble-cobble, GRAVEL; damp. (GM) Gray silty clayey SAND and GRAVEL; moist. (GM) Dark brown silty clayey SAND and GRAVEL; moist. (GM) (Hnu:<0.5ppm, beta/gamma:BB)
			23	30		
10	24/18	SS-6	14	22		Orange brown, yellow brown, blue gray silty SAND and GRAVEL, slightly clayey; moist. (Hnu:0.5ppm, beta/gamma:BB) (SM/GM)
			26	35		
	24/19	SS-7	24	30		Brown, red brown, orange brown silty clayey coarse SAND and pebble-cobble GRAVEL; moist, locally wet, very dense. (GM) (Hnu:<0.5ppm, beta/gamma:BB)
			27	24		
15	24/20	SS-8	16	33		Orange brown silty coarse SAND and pebble-cobble GRAVEL, slightly clayey; moist to wet, very dense. (GM) (Hnu:<0.5ppm, beta/gamma:BB)
			30	31		As above, but wet to saturated.
	24/14	SS-9	18	30		Orange brown silty coarse SAND and pebble-cobble GRAVEL, moderately clayey; saturated, very dense, cobbel in driving shoe. (Hnu:<0.5ppm, beta/gamma:BB) (SM/GM)
			29	46		
	24/16	SS-10	38	25		Brown silty SAND and pebble-cobble GRAVEL; saturated, very dense, cobble in driving shoe. (Hnu:0.5ppm, beta/gamma:120cpm AB) (GM)
			26	22		

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 2 OF: 3 DATE STARTED: 11/15/93 DATE FINISHED: 11/16/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-21A SURFACE ELEVATION (FT.): 1,409.0 TOPO NORTHING: est.892,921.43 EASTING: est.480,807.84
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: NORTH FRS BUILDING SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 6-12	BLOWS ON SAMPLER 12-18 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	24/18	SS-11	19	104		Brown silty coarse SAND and pebble GRAVEL; saturated, very dense. (Hnu:<0.5ppm, beta/gamma:800cpm AB) (GM)
			41	25		
	24/14	SS-12	7	32		As above (Hnu:<0.5ppm, beta/gamma:800cpm AB)
			51	37		
25	24/20	SS-13	7	17		As above (0.4') Brown CLAY; plastic, wet, very stiff (0.4') Gray CLAY; plastic, wet, very stiff. (CL) (Hnu:<0.5ppm, beta/gamma:300cpm AB)
			31	33		
	24/23	SS-14	8	11		Gray CLAY; plastic, wet, very stiff. (0.5') (CL) Gray silty CLAY; wet, stiff. (0.6') Brown silty CLAY, wet, stiff. (0.5') (CL) Gray brown SAND and fine GRAVEL; saturated, loose. (Hnu:<0.5ppm, beta/gamma:2700cpm AB) (GM)
			19	28		
	24/20	SS-15	9	11		Gray brown SAND and fine GRAVEL; saturated, loose. (0.9') (GM) Yellow brown fine SAND; saturated, loose (0.4') (SP) Gray brown medium to coarse SAND, slightly pebbly; (SP/SM) locally clayey. (Hnu:<0.5ppm, beta/gamma:8000cpm AB)
30			10	15		
	24/20	SS-16	6	19		Brown SAND and GRAVEL and yellow brown SILT; saturated. (1.3') Brown gray coarse SAND and yellow brown SILT; saturated. (0.4') (Hnu:<0.5ppm, beta/gamma:4500 cpm AB)
			23	28		
	24/16	SS-17	24	28		Brown medium to coarse SAND and brown clayey SILT; (SM/ML) saturated. (0.6') Brown gray fine to coarse SAND, slightly pebbly; loose (0.3') Brown sandy angular GRAVEL; saturated (0.5') (GM) (Hnu:<0.5ppm, beta/gamma:5500cpm AB)
			40	43		
35	24/24	SS-18	16	41		Brown coarse pebbly SAND and medium brown SILT; saturated. (1.5') Brown gray granule-pebble GRAVEL; locally clayey, loose and medium brown SILT and silty CLAY; saturated (0.5') (Hnu:<0.5ppm, beta/gamma:4500cpm AB) (SM/GM)
			22	36		
	24/23	SS-19	62	53		Medium brown SAND; gray SILT; and brown fine SAND. (SM/ML) (0.4') (0.2' cobble). Variagated moderately clayey very coarse SAND and pebble-cobble GRAVEL; saturated, very dense. (0.7') (GM)
			28	34		
	24/24	SS-20	21	32		Brown clayey SILT, very slightly pebbly; wet. (0.2') (ML) Gray clayey SILT, slightly to moderately pebbly; moist, (0.2') (Hnu:<0.5ppm, beta/gamma:2500cpm AB) (ML)
			55	70		Gray pebbly clayey SILT; moist, hard. (Hnu:0.5ppm, beta/gamma:BB)

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 3 OF: 3 DATE STARTED: 11/15/93 DATE FINISHED: 11/16/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-21A SURFACE ELEVATION (FT.): 1,409.0 TOPO NORTHING: est.892,921.43 EASTING: est.480,807.84
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: NORTH FRS BUILDING SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 6-12 / 12-18 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
					(con't from pg 2)
					AUGERED TO 38 FT. SAMPLED TO 40 FT. BOREHOLE BACKGROUTED TO GRADE BACKGROUND READINGS: Hnu = <0.5ppm beta/gamma = 240cpm
45					
50					
55					

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 1 OF: 1 DATE STARTED: 10/18/93 DATE FINISHED: 10/18/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-22 SURFACE ELEVATION (FT.): 1,380.89 NORTHING: 891,687.26 EASTING: 481,148.51
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: SOUTH PLATEAU SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 6-12	BLOWS ON SAMPLER 12-18 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	24/22	SS-1	7	8		Brown pebbly silty CLAY; moist, stiff. (0.4') (CL) Brown pebbly clayey SILT; moist, stiff. (1.4') (ML) (Hnu:<0.1ppm, beta/gamma:BB)
			9	11		
	24/19	SS-2	6	17		Gray brown and orange pebbly silty CLAY; wet to saturated, very stiff. (CL) (Hnu:<0.1ppm, beta/gamma:BB)
			17	27		
	24/18	SS-3	5	39		Gray brown pebbly CLAY; saturated, stiff. (CL) (Hnu:<0.1ppm, beta/gamma:BB)
5			14	10		
	24/16	SS-4	7	12		Brown gray pebbly silty CLAY; saturated, very stiff. (CL) (Hnu:<0.1ppm, beta/gamma:BB)
			30	34		
	24/20	SS-5	16	15		Gray pebbly silty CLAY; saturated, very stiff. (CL) (Hnu:<0.1ppm, beta/gamma:BB)
			26	33		
10	24/22	SS-6	7	13		Gray very pebbly silty CLAY; saturated, stiff. (CL) (Hnu:<0.1ppm, beta/gamma:BB)
			18	26		
	24/24	SS-7	8	14		Gray pebbly silty CLAY; wet, stiff. (CL) (Hnu:<0.1ppm, beta/gamma:BB)
			20	23		
15						AUGERED TO 12 FT. SAMPLED TO 14 FT. BOREHOLE BACKGROUTED TO GRADE BACKGROUND READINGS: Hnu = <0.1ppm beta/gamma = 80cpm

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 1 OF: 2 DATE STARTED: 11/3/93 DATE FINISHED: 11/3/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-23a SURFACE ELEVATION (FT.): 1,397.62 NORTHING: 892,046.49 EASTING: 481,004.57
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: NE OB1 BUILDING SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 6-12	BLOWS ON SAMPLER 12-18 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	24/18	SS-1	6 7	12 11		Brown silty clayey coarse SAND and pebble GRAVEL; damp to moist. (GM) (Hnu:<0.1ppm, beta/gamma:BB)
	24/22	SS-2	8 17	10 9		Green brown pebbly silty CLAY; moist. (1.0') (CL) Brown pebbly clayey SILT; with plant debris, moist to wet, soft. (0.8') (ML) (Hnu:<0.1ppm, beta/gamma:BB)
5	24/22	SS-3	3 6	7 6		Brown silty GRAVEL. (0.3') (GM). Yellow brown pebbly SILT. (0.2'). Light gray pebbly SILT. (0.7'). (ML) Dark brown pebbly moderately clayey SILT; with plant debris, (0.3'). Dark gray to black very plastic CLAY; wet, soft. (0.9') (Hnu:<0.1ppm, beta/gamma:BB) (ML/CL)
	24/19	SS-4	6 9	9 30		Dark brown moderately silty CLAY; wet. (0.7') (CL) Pale green gray clayey SILT, with blue green slabby rock fragments; saturated, dense. (0.9') (ML) (Hnu:<0.1ppm, beta/gamma:BB)
	24/22	SS-5	7 17	11 13		Pale green gray sandy clayey angular GRAVEL; saturated, medium dense. (GM) (Hnu:<0.1ppm, beta/gamma:BB)
10	24/14	SS-6	18 20	26 16		Yellow brown very coarse SAND and pebble GRAVEL, slightly silty; saturated, very dense. (GM) (Hnu:<0.1ppm, beta/gamma:BB)
	24/16	SS-7	9 35	27 31		Yellow brown very coarse SAND and fine GRAVEL, slightly silty; with two 0.1' beds brown fine SAND, saturated, very dense. (SP/GM) (Hnu:<0.1ppm, beta/gamma:BB)
15	24/16	SS-8	31 39	22 19		Yellow brown silty very coarse SAND and pebble-cobble GRAVEL, slightly clayey; saturated, dense. (1.2') (GM) (Hnu:<0.1ppm, beta/gamma:BB)
	24/19	SS-9	8 30	21 36		Brown silty CLAY, very slightly pebbly; damp, very stiff. (0.1') (CL) (Hnu:<0.1ppm, beta/gamma:BB) Brown gray pebbly silty CLAY; moist, very stiff. (Hnu:<0.1ppm, beta/gamma:BB) (CL)
						(con't pg 2)

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D.SPLITSPOON SAMPLER

SHEET 2 OF: 2 DATE STARTED: 11/3/93 DATE FINISHED: 11/3/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-23a SURFACE ELEVATION (FT.): 1,397.62 NORTHING: 892,046.49 EASTING: 481,004.57
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: NE OB1 BUILDING SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 6-12 / 12-18 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
					AUGERED TO 16 FT. SAMPLED TO 18 FT. BOREHOLE BACKGROUTED TO GRADE BACKGROUND READINGS: Hnu = <0.1ppm beta/gamma = 60cpm
25					
30					
35					

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D.SPLITSPOON SAMPLER

SHEET 1 OF: 1 DATE STARTED: 10/6/93 DATE FINISHED: 10/6/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: JAMES T. BINGERT	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-24 SURFACE ELEVATION (FT.): 1,370.45 NORTHING: 891,893.07 EASTING: 481,305.97
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: NW NDA SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 6-12	BLOWS ON SAMPLER 12-18 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	18/.8	SS-1	DUG 10	6 11		Moist, brown, TOPSOIL and ORGANIC DEBRIS, roots (OL). Damp, light brown, SILT, some to little clay, trace fine to medium subangular gravel, trace sand, low plasticity, stiff, weathered, oxidized. (ML) (Hnu:<0.1ppm, beta/gamma:BB)
	24/12	SS-2	25 21	17 22		Damp, brown to gray, SILT, some clay, trace fine to medium subangular gravel, trace very fine sand, trace roots, stiff to hard, weathered. (ML) (Hnu:<0.1ppm, beta/gamma:BB)
5	24/12	SS-3	10 13	10 14		Moist, dark gray, SILT, some clay, trace fine to medium subangular gravel, trace sand, stiff. (ML) (Hnu:<0.1ppm, beta/gamma:BB)
	24/18	SS-4	4 6	6 6		Moist, brown to gray, SILT and CLAY, trace fine to medium subangular gravel, trace very fine sand, medium stiff. (ML/CL) (Hnu:<0.1ppm, beta/gamma:BB)
	24/22	SS-5	3 13	8 16		Moist, dark gray, SILT and CLAY to CLAY, some silt, trace to little fine to medium subangular gravel, trace very fine sand. (ML/CL)
10	24/22	SS-6	7 15	12 19		As above.
	24/22	SS-7	6 14	14 18		Moist, grayish, CLAY, some silt, trace fine to medium subangular gravel, trace sand, medium stiff. (CL) (Hnu:<0.1ppm, beta/gamma:BB)
15						AUGERED TO 12 FT. SAMPLED TO 14 FT. BOREHOLE BACKGROUTED TO GRADE BACKGROUND READINGS: Hnu = <0.1ppm beta/gamma = 40cpm

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 1 OF: 2 DATE STARTED: 11/8/93 DATE FINISHED: 11/9/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-31 SURFACE ELEVATION (FT.): 1,404.47 NORTHING: est.892,838.50 EASTING: est.480,935.22
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: EAST FRS BUILDING SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 6-12	BLOWS ON SAMPLER 12-18 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	24/18	SS-1	7	33		Purple brown SAND, SILT, CLAY and GRAVEL; damp to moist. (Hnu:<0.1ppm, beta/gamma:BB) (GC/GM)
			31	19		
	24/13	SS-2	9	5		Dark brown GRAVEL, slightly silty, slightly clayey; (0.6') Light brown soft clayey SILT, slightly pebbly; damp to moist, stiff. (0.5') (GC/GM) (Hnu:<0.1ppm, beta/gamma:BB)
			6	8		
5	24/10	SS-3	4	6		Brown coarse SAND and pebble GRAVEL, slightly silty; damp, medium dense. (SM/GM) (Hnu:<0.1ppm, beta/gamma:BB)
			7	9		
	24/18	SS-4	13	15		Brown silty coarse SAND and pebble-cobble GRAVEL, slightly clayey; damp, dense. (SM/GM) (Hnu:<0.1ppm, beta/gamma:BB)
			22	16		
	24/18	SS-5	9	17		Brown silty coarse SAND and pebble GRAVEL; humic, moist, dense. (SM/GM) (Hnu:<0.1ppm, beta/gamma:60cpm AB)
			14	14		
10	24/16	SS-6	8	11		As Above, but wet to saturated. (Hnu:<0.1ppm, beta/gamma:100cpm AB)
			8	9		
	24/10	SS-7	20	22		Brown silty coarse SAND and pebble-cobble GRAVEL; humic, saturated, dense. (SM/GM) (Hnu:<0.1ppm, beta/gamma:60cpm AB)
			16	18		
15	24/13	SS-8	12	12		Brown coarse SAND and very fine GRAVEL; saturated, loose. (0.4') Brown silty coarse SAND and pebble-cobble GRAVEL; saturated. (0.7') (SM/GM) (Hnu:<0.1ppm, beta/gamma:BB)
			12	11		
	24/13	SS-9	19	29		Brown silty CLAY, slightly pebbly; wet, very stiff. (1.0') (CL)
			23	19		Gray silty CLAY, slightly pebbly; wet, very stiff. (0.1') (CL) (Hnu:<0.1ppm, beta/gamma:BB)
	24/19	SS-10	15	19		Gray CLAY, moderately pebbly, slightly silty; wet, very stiff. (CL) (Hnu:,0.1ppm, beta/gamma:40cpm AB)
			31	45		

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 2 OF: 2 DATE STARTED: 11/8/93 DATE FINISHED: 11/9/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-31 SURFACE ELEVATION (FT.): 1,404.47 NORTHING: est.892,838.50 EASTING: est.480,935.22
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: EAST FRS BUILDING SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 6-12	BLOWS ON SAMPLER 12-18 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	24/16	SS-11	5	16		Brown gray silty CLAY, slightly pebbly; wet. (0.4') (CL)
			24	26		Brown gray clayey SILT to very fine SAND, slightly pebbly, with laminae of medium to coarse sand near base; wet. (0.9') (Hnu:<0.1ppm, beta/gamma:50cpm AB) (ML/SP)
	24/19	SS-12	9	12		As Above. (0.6')
			18	19		Gray brown clayey SILT, moderately pebbly; saturated. (0.1') (Hnu:<0.1ppm, beta/gamma:50cpm AB) (ML)
25	24/18	SS-13	9	14		Gray brown silty pebbly CLAY; wet, hard. (CL) (Hnu:<0.1ppm, beta/gamma:BB)
			23	26		
	24/24	SS-14	5	12		Gray brown silty slighlty pebbly CLAY; wet, very stiff. (HNu:<0.1ppm, beta/gamma:BB) (CL)
			20	27		
	24/24	SS-15	8	13		As Above.
			23	30		
30						AUGERED TO 28 FT. SAMPLED TO 30 FT. BOREHOLE BACKGROUTED TO GRADE BACKGROUND READINGS: Hnu = <0.1ppm beta/gamma = 100cpm
35						

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 1 OF: 2 DATE STARTED: 10/31/93 DATE FINISHED: 11/1/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H.TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-32 SURFACE ELEVATION (FT.): 1,402.36 NORTHING: 893,110.91 EASTING: 480,822.28
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: NORTH FRS SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 6-12	BLOWS ON SAMPLER 12-18 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	18/17	SS-1	-	28		Blacktop pavement and underlayment (0.5') Gray brown silty SAND and GRAVEL; moist, very dense. (0.6') (SM/GM) Gray brown pebbly silty CLAY; moist, hard. (0.8') (CL) (Hnu:<0.1ppm, beta/gamma:BB)
			40	51		
	24/18	SS-2	33	60		Brown green brown, red brown pebbly cobbly slightly clayey SILT; moist, hard. (ML) (Hnu:<0.1ppm, beta/gamma:BB)
			48	28		
5	24/19	SS-3	11	16		Green brown clayey SILT, slightly pebbly; moist. (0.7') (ML) Orange brown very silty sandy GRAVEL; moist. (0.7') (GM) Green gray CLAY; wet. (0.1') (CL) Orange brown SAND and GRAVEL; moist. (0.1') (GM) (Hnu:<0.1ppm, beta/gamma:BB)
			18	19		
	24/22	SS-4	27	24		Orange brown silty moderately clayey coarse SAND and pebble GRAVEL; with humic masses, upper most 0.2' dark gray clayey SAND and GRAVEL; moist to wet, very dense. (Hnu:<0.1ppm, beta/gamma:BB) (SM/GM)
			22	17		
	24/23	SS-5	19	20		Brown silty moderately clayey SAND and pebble-cobble GRAVEL, with clots of humic material; wet, dense. (Hnu:<0.1ppm, beta/gamma:BB) (SC/GM)
			19	25		
10	24/19	SS-6	31	38		Yellow brown flat-pebble-cobble GRAVEL, with sparse matrix silty sand; moist, very dense. (GM) (Hnu:<0.1ppm, beta/gamma:BB)
			30	35		
	24/4	SS-7	38	51		Yellow brown silty clayey SAND and GRAVEL; cut cobble in driving shoe, wet. (GM) (Hnu:<0.1ppm, beta/gamma:BB)
			31	33		
15	24/20	SS-8	25	27		Yellow brown pebble-cobble GRAVEL, slightly silty, slightly sandy; saturated, very dense. (GM) (Hnu:<0.1ppm, beta/gamma:BB)
			28	33		
	24/16	SS-9	19	30		As Above.
			41	89		
	24/17	SS-10	25	41		Yellow brown clayey silty sandy pebble-cobble GRAVEL; wet to saturated, very dense. (GM) (Hnu:<0.1ppm, beta/gamma:BB)
			49	42		

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 2 OF: 2
DATE STARTED: 10/31/93
DATE FINISHED: 11/1/93
DRILLER: BUFFALO DRILLING CO.
INSPECTOR: ROBERT H.TEIFKE

BORING LOG

DAMES & MOORE

BOREHOLE NO.: BH-32
SURFACE ELEVATION (FT.): 1,402.36
NORTHING: 893,110.91
EASTING: 480,822.28

PROJECT: 1993 SOILS PROGRAM
JOB NUMBER: 10805-827-8350
LOCATION: NORTH FRS
SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 12-18	BLOWS ON SAMPLER 6-12 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	24/13	SS-11	35	36		Yellow brown silty sandy pebble-cobble GRAVEL; saturated, very dense. (GM) (Hnu:<0.1ppm, beta/gamma:BB)
			37	36		
	24/18	SS-12	12	20		Dark brown silty moderately clayey sandy pebble GRAVEL; saturated, dense. (1.1') (GM) (Hnu:<0.1ppm, beta/gamma:BB)
			22	23		Brown CLAY, slightly silty, very slightly pebbly; moist to wet, (0.4') (CL) (Hnu:<0.1ppm, beta/gamma:BB)
	24/20	SS-13	12	29		Brown clayey SILT; wet. (0.5') (ML)
25			19	25		Gray fine GRAVEL; wet. (0.4) (GP) Brown clayey SILT; gray at base, wet. (0.8') (ML) (Hnu:<0.1ppm, beta/gamma:BB)
	24/23	SS-14	5	13		
			22	31		
	24/23	SS-5	11	24		Brown CLAY; wet. (1.7') (CL) Brown CLAY, pebbly; hard, moist. (0.2') (CL) (Hnu:<0.1ppm, beta/gamma:BB)
			35	60		Gray brown silty moderately pebbly CLAY; moist to wet, very stiff. (CL) (Hnu:,0.1ppm, beta/gamma:BB)
30						AUGERED TO 28 FT. SAMPLED TO 30 FT. BOREHOLE ABANDONED AND BACKGROUTED TO GRADE BACKGROUND READINGS: Hnu =<0.1ppm beta/gamma = 20-80cpm
35						

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 1 OF: 1 DATE STARTED: 10/28/93 DATE FINISHED: 10/28/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-34 SURFACE ELEVATION (FT.): 1,395.50 NORTHING: est.893,306.94 EASTING: est.480,926.11
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: SOUTH LSA 3 & 4 SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 6-12	BLOWS ON SAMPLER 12-18 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	24/19	SS-1	7	26		Dark brown silty clayey GRAVEL; damp, dense. (0.2') (GC/GM)
			24	23		Brown silty clayey GRAVEL; damp, dense. (1.4') (GC/GM) (OVA:3.5ppm, beta/gamma:BB)
	24/19	SS-2	16	14		Yellow brown silty pebble-cobble GRAVEL, slightly clayey; damp, medium dense. (1.1') (GM)
			16	9		Dark brown humic SILT, slightly pebbly; moist. (0.3') (OVA:3.5ppm, beta/gamma:BB) (ML)
	24/19	SS-3	6	4		Brown silty pebble-cobble GRAVEL; with humic masses. (0.5') (GM)
5			5	12		Yellow brown silty CLAY; moist, soft. (1.1') (CL) (OVA:3.5ppm, beta/gamma:BB)
	24/23	SS-4	11	17		Dark brown pebbly humic SILT; moist. (0.2') (ML)
			16	17		Yellow brown silty moderately clayey GRAVEL; with humic masses; moist to wet, dense. (1.5') (GC/GM) As above, but saturated. (0.2') (OVA:3.5ppm, beta/gamma:BB)
	24/17	SS-5	9	16		Yellow brown silty GRAVEL; saturated, dense. (0.7') (GM)
			18	13		Gray slightly silty slightly sandy GRAVEL; saturated, dense. (0.7') (GM) (OVA:3.5ppm, Beta/gamma:BB)
10	24/11	SS-6	11	14		Yellow brown silty GRAVEL, locally clayey, with humic masses; saturated, medium dense. (GC/GM) (OVA:3.5ppm, beta/gamma:BB)
			14	13		
	24/24	SS-7	9	25		Yellow brown loose silty GRAVEL, with cobbles at base; saturated. (0.6') (GM)
			34	48		Brown silty CLAY, slightly pebbly; damp, hard. (0.6') (CL)
						Gray silty CLAY, slightly pebbly; damp, hard. (0.8') (CL)
15	24/17	SS-8	10	28		Gray silty CLAY, slightly pebbly; damp, hard. (CL) (OVA:3.5ppm, beta/gamma:BB)
			40	54		
						AUGERED TO 14 FT. SAMPLED TO 16 FT. BOREHOLE BACKGROUTED TO GRADE BACKGROUND READINGS: OVA = 3.5ppm beta/gamma = 80-100cpm

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 1 OF: 2 DATE STARTED: 10/26/93 DATE FINISHED: 10/26/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-38 SURFACE ELEVATION (FT.): 1,416.03 NORTHING: 893,383.75 EASTING: 480,195.17
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: WEST HAZ WASTE LOCKERS SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 12-18	BLOWS ON SAMPLER 6-12 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	24/11	SS-1	25 38	37 19		Brown silty SAND and GRAVEL; dry, very dense. (SM/GM) (Hnu:<1.0ppm, beta/gamma:BB)
	24/11	SS-2	6 6	7 7		Dark brown and gray pebbly slightly silty CLAY; damp, stiff. (CL) (Hnu:<1.0ppm, beta/gamma:BB)
5	24/17	SS-3	4 8	7 15		As above. (0.4')
	24/22	SS-4	22 26	25 37		Dark brown slightly clayey slightly pebbly SILT; with root masses, damp. (0.5') (ML) Yellow brown pebbly SILT and fine SAND; damp. (0.4') (Hnu:<1.0ppm, beta/gamma:BB) (ML) Yellow brown silty sandy GRAVEL; damp, very dense. (Hnu:<1.0ppm, beta/gamma:BB) (GM)
	24/22	SS-5	33 21	34 17		Brown silty sandy pebble-cobble GRAVEL; damp to moist, very dense. (GM) (Hnu:<1.0ppm, beta/gamma:BB)
10	24/14	SS-6	12 38	27 15		As above.
	24/19	SS-7	11 32	17 43		As above. (0.4') Brown silty CLAY, slighlty pebbly; damp. (0.4') (CL) Brown gray silty CLAY, slighlty pebbly; damp. (0.8') (CL) (Hnu:<1.0ppm, beta/gamma:BB)
15	24/22	SS-8	11 29	20 39		Brown gray to gray slightly pebbly slightly silty CLAY; damp, hard. (CL) (Hnu:<1.0ppm, beta/gamma:BB)
	24/24	SS-9	9 22	15 27		Gray slighlty pebbly slighlty silty CLAY; moist, hard. (Hnu:<1.0ppm, beta/gamma:BB) (CL)
	24/24	SS-10	6 18	11 22		As above.

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 2 OF: 2 DATE STARTED: 10/26/93 DATE FINISHED: 10/26/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-38 SURFACE ELEVATION (FT.): 1,416.03 NORTHING: 893,383.75 EASTING: 480,195.17
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: WEST HAZ WASTE LOCKERS SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 6-12	BLOWS ON SAMPLER 12-18 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	24/24	SS-11	4	11		As above (1.1') Gray clayey coarse SILT and brown CLAY; saturated, very stiff. (0.9') (ML/CL) (Hnu:<1.0ppm, beta/gamma:BB)
			17	18		
	24/24	SS-12	5	11		Brown gray slightly pebbly silty CLAY; moist, very stiff. (CL) (Hnu:<1.0ppm, beta/gamma:BB)
			18	20		
25	24/24	SS-13	7	12		Gray brown slighlty pebbly silty CLAY; moist, very stiff. (CL) (Hnu:<1.0ppm, beta/gamma:BB)
			16	18		
	24/24	SS-14	10	10		Brown very slightly pebbly CLAY; moist to wet, very stiff. (CL) (Hnu:<1.0ppm, beta/gamma:BB)
			13	15		
	24/24	SS-15	5	6		Brown slighlty pebbly silty CLAY; moist, stiff. (0.5') (CL) Gray brown very slighlty pebbly clayey SILT and fine SAND, locally slightly clayey SILT and fine SAND; wet, stiff. (1.5') (ML/SM) (Hnu:<1.0ppm, beta/gamma:BB)
			9	10		
30						AUGERED TO 28 FT. SAMPLED TO 30 FT. BOREHOLE BACKGROUTED TO GRADE BACKGROUND READINGS: Hnu = <1.0ppm beta/gamma = 160cpm
35						

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 1 OF: 2 DATE STARTED: 10/14/93 DATE FINISHED: 10/14/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-39 SURFACE ELEVATION (FT.): 1,405.29 NORTHING: 890,851.01 EASTING: 481,067.39
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: NEW MET TOWER SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 6-12	BLOWS ON SAMPLER 12-18 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
	24/22	SS-1	4	8		Brown pebbly SILT; damp, stiff. (0.4') (ML) Gray brown pebbly clayey SILT; damp, stiff. (1.4') (ML) (Hnu:<0.1ppm, beta/gamma:BB)
			10	13		
	24/19	SS-2	10	16		Orange brown locally gray pebbly clayey SILT and fine SAND; damp, very stiff. (ML/SM) (Hnu:<0.1ppm, beta/gamma:BB)
			19	20		
5	24/24	SS-3	13	26		Orange brown pebbly clayey SILT; gray around root networks, closely spaced horizontal partings; damp, hard. (ML) (Hnu:<0.1ppm, beta/gamma:BB)
			33	40		
	24/19	SS-4	19	31		Orange brown and gray mottled pebbly and cobbly clayey SILT; damp, hard. (1.2') (ML)
			30	30		
	24/19	SS-5	11	17		Gray pebbly and cobbly clayey SILT; moist, hard. (0.4') (Hnu:<0.1ppm, beta/gamma:BB) (ML) Gray pebbly and cobbly silty CLAY; damp, very stiff. (Hnu:<0.1ppm, beta/gamma:BB) (CL)
			21	22		
10	24/20	SS-6	10	17		Gray and brown gray pebbly clayey SILT; few laminae, orange coarse silt and fine sand; damp to moist, (ML) very stiff. (Hnu:<0.1ppm, beta/gamma:BB)
			20	23		
	24/24	SS-7	17	28		Brown gray very pebbly moderately clayey SILT; damp, hard. (ML) (Hnu:<0.1ppm, beta/gamma:BB)
			31	31		
15	24/24	SS-8	11	31		As above.
			28	32		
	24/24	SS-9	16	25		Tan gray very pebbly moderately clayey SILT; damp, hard. (ML) (Hnu:<0.1ppm, beta/gamma:BB)
			36	34		
	24/13	SS-10	64	79		As above, but cobbly. (con't pg 2)
			93	84		

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

SHEET 2 OF: 2 DATE STARTED: 10/14/93 DATE FINISHED: 10/14/93 DRILLER: BUFFALO DRILLING CO. INSPECTOR: ROBERT H. TEIFKE	BORING LOG DAMES & MOORE	BOREHOLE NO.: BH-39 SURFACE ELEVATION (FT.): 1,405.29 NORTHING: 890,851.01 EASTING: 481,067.39
PROJECT: 1993 SOILS PROGRAM JOB NUMBER: 10805-827-8350		LOCATION: NEW MET TOWER SSWMU Locale:

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0-6 / 6-12 / 12-18 / 18-24	LITHOLOGY	DESCRIPTION AND NOTES
					AUGERED TO 18 FT. SAMPLED TO 20 FT. BOREHOLE BACKGROUTED TO GRADE BACKGROUND READINGS: Hnu = <0.1ppm beta/gamma = 50-60cpm
25					
30					
35					

CLASSIFICATION: VISUAL (Modified Burmister) and USCS

METHOD OF SAMPLING: 140 LB. HAMMER
3" O.D. SPLITSPOON SAMPLER

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Appendix C

1993 Liquid Waste Treatment System Borehole Soil Data

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LWTS Borehole Volatiles Analyte Data

Location	Parameter	Samp_Date	Result		Units	Sample_ID	Flags	Depth
BH-17	acetone	10/25/93	ND	12.00	µg/kg	RFI-00690	UJ	(26-28')
BH-17	benzene	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	br_meth	10/25/93	ND	11.70	µg/kg	RFI-00690		(26-28')
BH-17	brdcmeth	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	brform	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	c_13_dcp	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	ccl4	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	cl_benz	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	cl_eth	10/25/93	ND	11.70	µg/kg	RFI-00690	UJ	(26-28')
BH-17	cl_form	10/25/93		2.50	µg/kg	RFI-00690	UJ	(26-28')
BH-17	cl_meth	10/25/93	ND	11.70	µg/kg	RFI-00690		(26-28')
BH-17	cs2	10/25/93	ND	5.90	µg/kg	RFI-00690	UJ	(26-28')
BH-17	dbc_meth	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	dca_11	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	dca_12	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	dce_11	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	dce_12_t	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	dcp_12	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	eth_benz	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	hexnone2	10/25/93	ND	12.00	µg/kg	RFI-00690		(26-28')
BH-17	mek	10/25/93	ND	11.70	µg/kg	RFI-00690		(26-28')
BH-17	mene_cl	10/25/93		16.10	µg/kg	RFI-00690	UJ	(26-28')
BH-17	mibk	10/25/93	ND	11.70	µg/kg	RFI-00690		(26-28')
BH-17	styrene	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	t_13_dcp	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	tca_111	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	tca_112	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	tca_1122	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	tetcleth	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	toluene	10/25/93		5.20	µg/kg	RFI-00690	J	(26-28')
BH-17	tricleth	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-17	vnyl_cl	10/25/93	ND	11.70	µg/kg	RFI-00690		(26-28')
BH-17	xylene	10/25/93	ND	5.90	µg/kg	RFI-00690		(26-28')
BH-18	acetone	11/10/93	ND	12.00	µg/kg	RFI-00908	R	(14-16')
BH-18	benzene	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	br_meth	11/10/93	ND	12.00	µg/kg	RFI-00908		(14-16')
BH-18	brdcmeth	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	brform	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	c_13_dcp	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	ccl4	11/10/93		2.00	µg/kg	RFI-00908	J	(14-16')
BH-18	cl_benz	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	cl_eth	11/10/93	ND	12.00	µg/kg	RFI-00908	UJ	(14-16')
BH-18	cl_form	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	cl_meth	11/10/93	ND	12.00	µg/kg	RFI-00908		(14-16')
BH-18	cs2	11/10/93	ND	6.00	µg/kg	RFI-00908	UJ	(14-16')

LWTS Borehole Volatiles Analyte Data

Location	Parameter	Samp_Date	Result		Units	Sample_ID	Flags	Depth
BH-18	dbc_meth	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	dca_11	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	dca_12	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	dce_11	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	dce_12_t	11/10/93	ND	6.00	µg/kg	RFI-00908	UJ	(14-16')
BH-18	dcp_12	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	eth_benz	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	hexnone2	11/10/93	ND	12.00	µg/kg	RFI-00908	UJ	(14-16')
BH-18	mek	11/10/93	ND	12.00	µg/kg	RFI-00908	UJ	(14-16')
BH-18	mene_cl	11/10/93		19.00	µg/kg	RFI-00908	UJ	(14-16')
BH-18	mibk	11/10/93	ND	12.00	µg/kg	RFI-00908	UJ	(14-16')
BH-18	styrene	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	t_13_dcp	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	tca_111	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	tca_112	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	tca_1122	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	tctf_eth	11/10/93		8.00	µg/kg	RFI-00908	J	(14-16')
BH-18	tetcleth	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	toluene	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	tricleth	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-18	vnyl_cl	11/10/93	ND	12.00	µg/kg	RFI-00908		(14-16')
BH-18	xylene	11/10/93	ND	6.00	µg/kg	RFI-00908		(14-16')
BH-19A	acetone	11/14/93	ND	11.00	µg/kg	RFI-00911	UJ	(12-14')
BH-19A	acetone	11/14/93	ND	11.00	µg/kg	RFI-00912	UJ	(18-20')
BH-19A	acetone	11/14/93	ND	11.00	µg/kg	RFI-00913	UJ	(24-26')
BH-19A	benzene	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	benzene	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	benzene	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	br_meth	11/14/93	ND	11.10	µg/kg	RFI-00911		(12-14')
BH-19A	br_meth	11/14/93	ND	10.60	µg/kg	RFI-00912		(18-20')
BH-19A	br_meth	11/14/93	ND	11.30	µg/kg	RFI-00913		(24-26')
BH-19A	brdcmeth	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	brdcmeth	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	brdcmeth	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	brform	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	brform	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	brform	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	c_13_dcp	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	c_13_dcp	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	c_13_dcp	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	ccl4	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	ccl4	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	ccl4	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	cl_benz	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	cl_benz	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')

LWTS Borehole Volatiles Analyte Data

Location	Parameter	Samp_Date	Result		Units	Sample_ID	Flags	Depth
BH-19A	cl_benz	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	cl_eth	11/14/93	ND	11.10	µg/kg	RFI-00911		(12-14')
BH-19A	cl_eth	11/14/93	ND	10.60	µg/kg	RFI-00912		(18-20')
BH-19A	cl_eth	11/14/93	ND	11.30	µg/kg	RFI-00913		(24-26')
BH-19A	cl_form	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	cl_form	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	cl_form	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	cl_meth	11/14/93	ND	11.10	µg/kg	RFI-00911		(12-14')
BH-19A	cl_meth	11/14/93	ND	10.60	µg/kg	RFI-00912		(18-20')
BH-19A	cl_meth	11/14/93	ND	11.30	µg/kg	RFI-00913		(24-26')
BH-19A	cs2	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	cs2	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	cs2	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	dbc_meth	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	dbc_meth	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	dbc_meth	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	dca_11	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	dca_11	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	dca_11	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	dca_12	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	dca_12	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	dca_12	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	dce_11	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	dce_11	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	dce_11	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	dce_12_t	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	dce_12_t	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	dce_12_t	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	dcp_12	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	dcp_12	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	dcp_12	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	eth_benz	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	eth_benz	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	eth_benz	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	hexnone2	11/14/93	ND	11.00	µg/kg	RFI-00911		(12-14')
BH-19A	hexnone2	11/14/93	ND	11.00	µg/kg	RFI-00912		(18-20')
BH-19A	hexnone2	11/14/93	ND	11.00	µg/kg	RFI-00913		(24-26')
BH-19A	mek	11/14/93	ND	11.10	µg/kg	RFI-00911		(12-14')
BH-19A	mek	11/14/93	ND	10.60	µg/kg	RFI-00912		(18-20')
BH-19A	mek	11/14/93	ND	11.30	µg/kg	RFI-00913		(24-26')
BH-19A	mene_cl	11/14/93		15.20	µg/kg	RFI-00911	U	(12-14')
BH-19A	mene_cl	11/14/93		14.90	µg/kg	RFI-00912	U	(18-20')
BH-19A	mene_cl	11/14/93		17.20	µg/kg	RFI-00913	U	(24-26')
BH-19A	mibk	11/14/93	ND	11.10	µg/kg	RFI-00911		(12-14')
BH-19A	mibk	11/14/93	ND	10.60	µg/kg	RFI-00912		(18-20')
BH-19A	mibk	11/14/93	ND	11.30	µg/kg	RFI-00913		(24-26')

LWTS Borehole Volatiles Analyte Data

Location	Parameter	Samp_Date	Result		Units	Sample_ID	Flags	Depth
BH-19A	styrene	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	styrene	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	styrene	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	t_13_dcp	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	t_13_dcp	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	t_13_dcp	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	tca_111	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	tca_111	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	tca_111	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	tca_112	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	tca_112	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	tca_112	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	tca_1122	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	tca_1122	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	tca_1122	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	tetcleth	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	tetcleth	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	tetcleth	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	toluene	11/14/93		800.00	µg/kg	RFI-00800	R	(12-14')
BH-19A	toluene	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	toluene	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	toluene	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	tricleth	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	tricleth	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	tricleth	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-19A	vnyl_cl	11/14/93	ND	11.10	µg/kg	RFI-00911		(12-14')
BH-19A	vnyl_cl	11/14/93	ND	10.60	µg/kg	RFI-00912		(18-20')
BH-19A	vnyl_cl	11/14/93	ND	11.30	µg/kg	RFI-00913		(24-26')
BH-19A	xylene	11/14/93	ND	5.50	µg/kg	RFI-00911		(12-14')
BH-19A	xylene	11/14/93	ND	5.30	µg/kg	RFI-00912		(18-20')
BH-19A	xylene	11/14/93	ND	5.70	µg/kg	RFI-00913		(24-26')
BH-20	acetone	11/04/93	ND	12.00	µg/kg	RFI-00769	UJ	(12-14')
BH-20	benzene	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	br_meth	11/04/93	ND	12.20	µg/kg	RFI-00769		(12-14')
BH-20	brdcmeth	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	brform	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	c_13_dcp	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	ccl4	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	cl_benz	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	cl_eth	11/04/93	ND	12.20	µg/kg	RFI-00769		(12-14')
BH-20	cl_form	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	cl_meth	11/04/93	ND	12.20	µg/kg	RFI-00769		(12-14')
BH-20	cs2	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	dbc_meth	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	dca_11	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')

LWTS Borehole Volatiles Analyte Data

Location	Parameter	Samp_Date	Result		Units	Sample_ID	Flags	Depth
BH-20	dca_12	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	dce_11	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	dce_12_t	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	dcp_12	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	eth_benz	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	hexnone2	11/04/93	ND	12.00	µg/kg	RFI-00769		(12-14')
BH-20	mek	11/04/93	ND	12.20	µg/kg	RFI-00769		(12-14')
BH-20	mene_cl	11/04/93		17.30	µg/kg	RFI-00769	UJ	(12-14')
BH-20	mibk	11/04/93	ND	12.20	µg/kg	RFI-00769		(12-14')
BH-20	styrene	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	t_13_dcp	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	tca_111	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	tca_112	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	tca_1122	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	tetcleth	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	toluene	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	tricleth	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-20	vnyl_cl	11/04/93	ND	12.20	µg/kg	RFI-00769		(12-14')
BH-20	xylene	11/04/93	ND	6.10	µg/kg	RFI-00769		(12-14')
BH-21A	acetone	11/15/93	ND	12.00	µg/kg	RFI-00916	UJ	(18-20')
BH-21A	acetone	11/15/93	ND	11.00	µg/kg	RFI-00917	UJ	(26-28')
BH-21A	acetone	11/15/93	ND	11.00	µg/kg	RFI-00918	UJ	(30-32')
BH-21A	benzene	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	benzene	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	benzene	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	br_meth	11/15/93	ND	11.60	µg/kg	RFI-00916		(18-20')
BH-21A	br_meth	11/15/93	ND	10.80	µg/kg	RFI-00917		(26-28')
BH-21A	br_meth	11/15/93	ND	11.30	µg/kg	RFI-00918		(30-32')
BH-21A	brdcmeth	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	brdcmeth	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	brdcmeth	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	brform	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	brform	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	brform	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	c_13_dcp	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	c_13_dcp	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	c_13_dcp	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	ccl4	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	ccl4	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	ccl4	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	cl_benz	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	cl_benz	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	cl_benz	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	cl_eth	11/15/93	ND	11.60	µg/kg	RFI-00916		(18-20')
BH-21A	cl_eth	11/15/93	ND	10.80	µg/kg	RFI-00917		(26-28')

LWTS Borehole Volatiles Analyte Data

Location	Parameter	Samp_Date	Result		Units	Sample_ID	Flags	Depth
BH-21A	cl_eth	11/15/93	ND	11.30	µg/kg	RFI-00918		(30-32')
BH-21A	cl_form	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	cl_form	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	cl_form	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	cl_meth	11/15/93	ND	11.60	µg/kg	RFI-00916		(18-20')
BH-21A	cl_meth	11/15/93	ND	10.80	µg/kg	RFI-00917		(26-28')
BH-21A	cl_meth	11/15/93	ND	11.30	µg/kg	RFI-00918		(30-32')
BH-21A	cs2	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	cs2	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	cs2	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	dbc_meth	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	dbc_meth	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	dbc_meth	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	dca_11	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	dca_11	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	dca_11	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	dca_12	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	dca_12	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	dca_12	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	dce_11	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	dce_11	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	dce_11	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	dce_12_t	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	dce_12_t	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	dce_12_t	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	dcp_12	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	dcp_12	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	dcp_12	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	eth_benz	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	eth_benz	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	eth_benz	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	hexnone2	11/15/93	ND	12.00	µg/kg	RFI-00916		(18-20')
BH-21A	hexnone2	11/15/93	ND	11.00	µg/kg	RFI-00917		(26-28')
BH-21A	hexnone2	11/15/93	ND	11.00	µg/kg	RFI-00918		(30-32')
BH-21A	mek	11/15/93	ND	11.60	µg/kg	RFI-00916		(18-20')
BH-21A	mek	11/15/93	ND	10.80	µg/kg	RFI-00917		(26-28')
BH-21A	mek	11/15/93	ND	11.30	µg/kg	RFI-00918		(30-32')
BH-21A	mene_cl	11/15/93		19.70	µg/kg	RFI-00916	U	(18-20')
BH-21A	mene_cl	11/15/93		26.60	µg/kg	RFI-00917	U	(26-28')
BH-21A	mene_cl	11/15/93		22.90	µg/kg	RFI-00918	U	(30-32')
BH-21A	mibk	11/15/93	ND	11.60	µg/kg	RFI-00916		(18-20')
BH-21A	mibk	11/15/93	ND	10.80	µg/kg	RFI-00917		(26-28')
BH-21A	mibk	11/15/93	ND	11.30	µg/kg	RFI-00918		(30-32')
BH-21A	styrene	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	styrene	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	styrene	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')

LWTS Borehole Volatiles Analyte Data

Location	Parameter	Samp_Date	Result		Units	Sample_ID	Flags	Depth
BH-21A	t_13_dcp	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	t_13_dcp	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	t_13_dcp	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	tca_111	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	tca_111	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	tca_111	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	tca_112	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	tca_112	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	tca_112	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	tca_1122	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	tca_1122	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	tca_1122	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	tctf_eth	11/15/93		10.00	µg/kg	RFI-00916	R	(18-20')
BH-21A	tctf_eth	11/15/93		10.00	µg/kg	RFI-00917	R	(26-28')
BH-21A	tctf_eth	11/15/93		10.00	µg/kg	RFI-00918	R	(30-32')
BH-21A	tetcleth	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	tetcleth	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	tetcleth	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	toluene	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	toluene	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	toluene	11/15/93		500.00	µg/kg	RFI-00802	R	(26-28')
BH-21A	toluene	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	tricleth	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	tricleth	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	tricleth	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-21A	vnyl_cl	11/15/93	ND	11.60	µg/kg	RFI-00916		(18-20')
BH-21A	vnyl_cl	11/15/93	ND	10.80	µg/kg	RFI-00917		(26-28')
BH-21A	vnyl_cl	11/15/93	ND	11.30	µg/kg	RFI-00918		(30-32')
BH-21A	xylene	11/15/93	ND	5.80	µg/kg	RFI-00916		(18-20')
BH-21A	xylene	11/15/93	ND	5.40	µg/kg	RFI-00917		(26-28')
BH-21A	xylene	11/15/93	ND	5.60	µg/kg	RFI-00918		(30-32')
BH-22	acetone	10/18/93	ND	11.00	µg/kg	RFI-00588	UJ	(04-06')
BH-22	benzene	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	br_meth	10/18/93	ND	11.00	µg/kg	RFI-00588		(04-06')
BH-22	brdcmeth	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	brform	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	c_13_dcp	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	ccl4	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	cl_benz	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	cl_eth	10/18/93	ND	11.00	µg/kg	RFI-00588	UJ	(04-06')
BH-22	cl_form	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	cl_meth	10/18/93	ND	11.00	µg/kg	RFI-00588	UJ	(04-06')
BH-22	cs2	10/18/93	ND	5.00	µg/kg	RFI-00588	UJ	(04-06')
BH-22	dbc_meth	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	dca_11	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')

LWTS Borehole Volatiles Analyte Data

Location	Parameter	Samp_Date	Result		Units	Sample_ID	Flags	Depth
BH-22	dca_12	10/18/93	ND	5.00	µg/kg	RFI-00588	UJ	(04-06')
BH-22	dce_11	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	dce_12_t	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	dcp_12	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	eth_benz	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	hexnone2	10/18/93	ND	11.00	µg/kg	RFI-00588	UJ	(04-06')
BH-22	mek	10/18/93	ND	11.00	µg/kg	RFI-00588		(04-06')
BH-22	mene_cl	10/18/93		18.00	µg/kg	RFI-00588	UJ	(04-06')
BH-22	mibk	10/18/93	ND	11.00	µg/kg	RFI-00588	UJ	(04-06')
BH-22	styrene	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	t_13_dcp	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	tca_111	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	tca_112	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	tca_1122	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	tetcleth	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	toluene	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	tricleth	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-22	vnyl_cl	10/18/93	ND	11.00	µg/kg	RFI-00588		(04-06')
BH-22	xylene	10/18/93	ND	5.00	µg/kg	RFI-00588		(04-06')
BH-23	acetone	11/03/93	ND	12.00	µg/kg	RFI-00766	UJ	(08-10')
BH-23	benzene	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	br_meth	11/03/93	ND	11.60	µg/kg	RFI-00766		(08-10')
BH-23	brdcmeth	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	brform	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	c_13_dcp	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	ccl4	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	cl_benz	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	cl_eth	11/03/93	ND	11.60	µg/kg	RFI-00766		(08-10')
BH-23	cl_form	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	cl_meth	11/03/93	ND	11.60	µg/kg	RFI-00766		(08-10')
BH-23	cs2	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	dbc_meth	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	dca_11	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	dca_12	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	dce_11	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	dce_12_t	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	dcp_12	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	eth_benz	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	hexnone2	11/03/93	ND	12.00	µg/kg	RFI-00766		(08-10')
BH-23	mek	11/03/93	ND	11.60	µg/kg	RFI-00766		(08-10')
BH-23	mene_cl	11/03/93		14.10	µg/kg	RFI-00766	UJ	(08-10')
BH-23	mibk	11/03/93	ND	11.60	µg/kg	RFI-00766		(08-10')
BH-23	styrene	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	t_13_dcp	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	tca_111	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')

LWTS Borehole Volatiles Analyte Data

Location	Parameter	Samp_Date	Result		Units	Sample_ID	Flags	Depth
BH-23	tca_112	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	tca_1122	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	tetcleth	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	toluene	11/03/93		800.00	µg/kg	RFI-00615	R	(08-10')
BH-23	toluene	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	tricleth	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-23	vnyl_cl	11/03/93	ND	11.60	µg/kg	RFI-00766		(08-10')
BH-23	xylene	11/03/93	ND	5.80	µg/kg	RFI-00766		(08-10')
BH-24	acetone	10/06/93		143.00	µg/kg	RFI-00566	J	(06-08')
BH-24	benzene	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	br_meth	10/06/93	ND	12.50	µg/kg	RFI-00566		(06-08')
BH-24	brdcmeth	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	brform	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	c_13_dcp	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	ccl4	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	cl_benz	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	cl_eth	10/06/93	ND	12.50	µg/kg	RFI-00566		(06-08')
BH-24	cl_form	10/06/93		1.90	µg/kg	RFI-00566	UJ	(06-08')
BH-24	cl_meth	10/06/93	ND	12.50	µg/kg	RFI-00566	UJ	(06-08')
BH-24	cs2	10/06/93	ND	6.30	µg/kg	RFI-00566	UJ	(06-08')
BH-24	dbc_meth	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	dca_11	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	dca_12	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	dce_11	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	dce_12_t	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	dcp_12	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	eth_benz	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	hexnone2	10/06/93	ND	13.00	µg/kg	RFI-00566		(06-08')
BH-24	mek	10/06/93	ND	12.50	µg/kg	RFI-00566		(06-08')
BH-24	mene_cl	10/06/93		16.50	µg/kg	RFI-00566	UJ	(06-08')
BH-24	mibk	10/06/93	ND	12.50	µg/kg	RFI-00566		(06-08')
BH-24	styrene	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	t_13_dcp	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	tca_111	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	tca_112	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	tca_1122	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	tetcleth	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	toluene	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	tricleth	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-24	vnyl_cl	10/06/93	ND	12.50	µg/kg	RFI-00566		(06-08')
BH-24	xylene	10/06/93	ND	6.30	µg/kg	RFI-00566		(06-08')
BH-31	acetone	11/08/93	ND	11.00	µg/kg	RFI-00904	UJ	(10-12')
BH-31	acetone	11/08/93		22.00	µg/kg	RFI-00905	UJ	(16-18')
BH-31	benzene	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')

LWTS Borehole Volatiles Analyte Data

Location	Parameter	Samp_Date	Result		Units	Sample_ID	Flags	Depth
BH-31	benzene	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	br_meth	11/08/93	ND	11.40	µg/kg	RFI-00904		(10-12')
BH-31	br_meth	11/08/93	ND	11.40	µg/kg	RFI-00905		(16-18')
BH-31	brdcmeth	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	brdcmeth	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	brform	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	brform	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	c_13_dcp	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	c_13_dcp	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	ccl4	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	ccl4	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	cl_benz	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	cl_benz	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	cl_eth	11/08/93	ND	11.40	µg/kg	RFI-00904		(10-12')
BH-31	cl_eth	11/08/93	ND	11.40	µg/kg	RFI-00905		(16-18')
BH-31	cl_form	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	cl_form	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	cl_meth	11/08/93	ND	11.40	µg/kg	RFI-00904		(10-12')
BH-31	cl_meth	11/08/93	ND	11.40	µg/kg	RFI-00905		(16-18')
BH-31	cs2	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	cs2	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	dbc_meth	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	dbc_meth	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	dca_11	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	dca_11	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	dca_12	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	dca_12	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	dce_11	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	dce_11	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	dce_12_t	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	dce_12_t	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	dcp_12	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	dcp_12	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	eth_benz	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	eth_benz	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	hexnone2	11/08/93	ND	11.00	µg/kg	RFI-00904	UJ	(10-12')
BH-31	hexnone2	11/08/93	ND	11.00	µg/kg	RFI-00905	UJ	(16-18')
BH-31	mek	11/08/93	ND	11.40	µg/kg	RFI-00904	UJ	(10-12')
BH-31	mek	11/08/93	ND	11.40	µg/kg	RFI-00905	UJ	(16-18')
BH-31	mene_cl	11/08/93		14.40	µg/kg	RFI-00904	UJ	(10-12')
BH-31	mene_cl	11/08/93		10.70	µg/kg	RFI-00905	UJ	(16-18')
BH-31	mibk	11/08/93	ND	11.40	µg/kg	RFI-00904	UJ	(10-12')
BH-31	mibk	11/08/93	ND	11.40	µg/kg	RFI-00905	UJ	(16-18')
BH-31	styrene	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	styrene	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	t_13_dcp	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')

LWTS Borehole Volatiles Analyte Data

Location	Parameter	Samp_Date	Result		Units	Sample_ID	Flags	Depth
BH-31	t_13_dcp	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	tca_111	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	tca_111	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	tca_112	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	tca_112	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	tca_1122	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	tca_1122	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	tctf_eth	11/08/93		20.00	µg/kg	RFI-00904	R	(10-12')
BH-31	tetcleth	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	tetcleth	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	toluene	11/08/93		1000.00	µg/kg	RFI-00799	R	(10-12')
BH-31	toluene	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	toluene	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	tricleth	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	tricleth	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-31	vnyl_cl	11/08/93	ND	11.40	µg/kg	RFI-00904		(10-12')
BH-31	vnyl_cl	11/08/93	ND	11.40	µg/kg	RFI-00905		(16-18')
BH-31	xylene	11/08/93	ND	5.70	µg/kg	RFI-00904		(10-12')
BH-31	xylene	11/08/93	ND	5.70	µg/kg	RFI-00905		(16-18')
BH-32	acetone	10/31/93	ND	11.00	µg/kg	RFI-00757	UJ	(14-16')
BH-32	acetone	10/31/93	ND	11.00	µg/kg	RFI-00758	UJ	(22-24')
BH-32	benzene	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	benzene	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	br_meth	10/31/93	ND	11.10	µg/kg	RFI-00757		(14-16')
BH-32	br_meth	10/31/93	ND	11.10	µg/kg	RFI-00758		(22-24')
BH-32	brdcmeth	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	brdcmeth	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	brform	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	brform	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	c_13_dcp	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	c_13_dcp	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	ccl4	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	ccl4	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	cl_benz	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	cl_benz	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	cl_eth	10/31/93	ND	11.10	µg/kg	RFI-00757		(14-16')
BH-32	cl_eth	10/31/93	ND	11.10	µg/kg	RFI-00758	UJ	(22-24')
BH-32	cl_form	10/31/93		1.30	µg/kg	RFI-00757	UJ	(14-16')
BH-32	cl_form	10/31/93		1.30	µg/kg	RFI-00758	UJ	(22-24')
BH-32	cl_meth	10/31/93	ND	11.10	µg/kg	RFI-00757	UJ	(14-16')
BH-32	cl_meth	10/31/93	ND	11.10	µg/kg	RFI-00758		(22-24')
BH-32	cs2	10/31/93	ND	5.50	µg/kg	RFI-00757	UJ	(14-16')
BH-32	cs2	10/31/93	ND	5.60	µg/kg	RFI-00758	UJ	(22-24')
BH-32	dbc_meth	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	dbc_meth	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')

LWTS Borehole Volatiles Analyte Data

Location	Parameter	Samp_Date	Result		Units	Sample_ID	Flags	Depth
BH-32	dca_11	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	dca_11	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	dca_12	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	dca_12	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	dce_11	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	dce_11	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	dce_12_t	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	dce_12_t	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	dcp_12	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	dcp_12	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	eth_benz	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	eth_benz	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	hexnone2	10/31/93	ND	11.00	µg/kg	RFI-00757		(14-16')
BH-32	hexnone2	10/31/93	ND	11.00	µg/kg	RFI-00758		(22-24')
BH-32	mek	10/31/93	ND	11.10	µg/kg	RFI-00757		(14-16')
BH-32	mek	10/31/93	ND	11.10	µg/kg	RFI-00758		(22-24')
BH-32	mene_cl	10/31/93		21.30	µg/kg	RFI-00757	UJ	(14-16')
BH-32	mene_cl	10/31/93		16.00	µg/kg	RFI-00758	UJ	(22-24')
BH-32	mibk	10/31/93	ND	11.10	µg/kg	RFI-00757		(14-16')
BH-32	mibk	10/31/93	ND	11.10	µg/kg	RFI-00758		(22-24')
BH-32	styrene	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	styrene	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	t_13_dcp	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	t_13_dcp	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	tca_111	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	tca_111	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	tca_112	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	tca_112	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	tca_1122	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	tca_1122	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	tetcleth	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	tetcleth	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	toluene	10/31/93		800.00	µg/kg	RFI-00613	R	(14-16')
BH-32	toluene	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	toluene	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	tricleth	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	tricleth	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-32	vnyl_cl	10/31/93	ND	11.10	µg/kg	RFI-00757		(14-16')
BH-32	vnyl_cl	10/31/93	ND	11.10	µg/kg	RFI-00758		(22-24')
BH-32	xylene	10/31/93	ND	5.50	µg/kg	RFI-00757		(14-16')
BH-32	xylene	10/31/93	ND	5.60	µg/kg	RFI-00758		(22-24')
BH-34	acetone	10/28/93	ND	12.00	µg/kg	RFI-00704	UJ	(08-10')
BH-34	acetone	10/28/93	ND	13.00	µg/kg	RFI-00705	UJ	(12-14')
BH-34	benzene	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	benzene	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')

LWTS Borehole Volatiles Analyte Data

Location	Parameter	Samp_Date	Result		Units	Sample_ID	Flags	Depth
BH-34	br_meth	10/28/93	ND	11.70	µg/kg	RFI-00704		(08-10')
BH-34	br_meth	10/28/93	ND	12.60	µg/kg	RFI-00705		(12-14')
BH-34	brdcmeth	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	brdcmeth	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
BH-34	brform	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	brform	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
BH-34	c_13_dcp	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	c_13_dcp	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
BH-34	ccl4	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	ccl4	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
BH-34	cl_benz	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	cl_benz	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
BH-34	cl_eth	10/28/93	ND	11.70	µg/kg	RFI-00704	UJ	(08-10')
BH-34	cl_eth	10/28/93	ND	12.60	µg/kg	RFI-00705	UJ	(12-14')
BH-34	cl_form	10/28/93		2.00	µg/kg	RFI-00704	J	(08-10')
BH-34	cl_form	10/28/93		2.10	µg/kg	RFI-00705	J	(12-14')
BH-34	cl_meth	10/28/93	ND	11.70	µg/kg	RFI-00704		(08-10')
BH-34	cl_meth	10/28/93	ND	12.60	µg/kg	RFI-00705		(12-14')
BH-34	cs2	10/28/93	ND	5.90	µg/kg	RFI-00704	UJ	(08-10')
BH-34	cs2	10/28/93	ND	6.30	µg/kg	RFI-00705	UJ	(12-14')
BH-34	dbc_meth	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	dbc_meth	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
BH-34	dca_11	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	dca_11	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
BH-34	dca_12	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	dca_12	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
BH-34	dce_11	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	dce_11	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
BH-34	dce_12_t	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	dce_12_t	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
BH-34	dcp_12	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	dcp_12	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
BH-34	eth_benz	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	eth_benz	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
BH-34	hexnone2	10/28/93	ND	12.00	µg/kg	RFI-00704		(08-10')
BH-34	hexnone2	10/28/93	ND	13.00	µg/kg	RFI-00705		(12-14')
BH-34	mek	10/28/93	ND	11.70	µg/kg	RFI-00704		(08-10')
BH-34	mek	10/28/93	ND	12.60	µg/kg	RFI-00705		(12-14')
BH-34	mene_cl	10/28/93		19.40	µg/kg	RFI-00704	UJ	(08-10')
BH-34	mene_cl	10/28/93		21.40	µg/kg	RFI-00705	UJ	(12-14')
BH-34	mibk	10/28/93	ND	11.70	µg/kg	RFI-00704		(08-10')
BH-34	mibk	10/28/93	ND	12.60	µg/kg	RFI-00705		(12-14')
BH-34	styrene	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	styrene	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
BH-34	t_13_dcp	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	t_13_dcp	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')

LWTS Borehole Volatiles Analyte Data

Location	Parameter	Samp_Date	Result		Units	Sample_ID	Flags	Depth
BH-34	tca_111	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	tca_111	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
BH-34	tca_112	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	tca_112	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
BH-34	tca_1122	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	tca_1122	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
BH-34	tetcleth	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	tetcleth	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
BH-34	toluene	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	toluene	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
BH-34	tricleth	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	tricleth	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
BH-34	vnyl_cl	10/28/93	ND	11.70	µg/kg	RFI-00704		(08-10')
BH-34	vnyl_cl	10/28/93	ND	12.60	µg/kg	RFI-00705		(12-14')
BH-34	xylene	10/28/93	ND	5.90	µg/kg	RFI-00704		(08-10')
BH-34	xylene	10/28/93	ND	6.30	µg/kg	RFI-00705		(12-14')
Background								
BH-38	acetone	10/26/93	ND	11.00	µg/kg	RFI-00694	UJ	(12-14')
BH-38	acetone	10/26/93	ND	13.00	µg/kg	RFI-00695	UJ	(26-28')
BH-38	benzene	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	benzene	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	br_meth	10/26/93	ND	10.90	µg/kg	RFI-00694		(12-14')
BH-38	br_meth	10/26/93	ND	12.60	µg/kg	RFI-00695		(26-28')
BH-38	brdcmeth	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	brdcmeth	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	brform	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	brform	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	c_13_dcp	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	c_13_dcp	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	ccl4	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	ccl4	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	cl_benz	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	cl_benz	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	cl_eth	10/26/93	ND	10.90	µg/kg	RFI-00694	UJ	(12-14')
BH-38	cl_eth	10/26/93	ND	12.60	µg/kg	RFI-00695	UJ	(26-28')
BH-38	cl_form	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	cl_form	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	cl_meth	10/26/93	ND	10.90	µg/kg	RFI-00694		(12-14')
BH-38	cl_meth	10/26/93	ND	12.60	µg/kg	RFI-00695		(26-28')
BH-38	cs2	10/26/93	ND	5.40	µg/kg	RFI-00694	UJ	(12-14')
BH-38	cs2	10/26/93	ND	6.30	µg/kg	RFI-00695	UJ	(26-28')
BH-38	dbc_meth	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	dbc_meth	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	dca_11	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')

LWTS Borehole Volatiles Analyte Data

Location	Parameter	Samp_Date	Result		Units	Sample_ID	Flags	Depth
BH-38	dca_11	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	dca_12	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	dca_12	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	dce_11	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	dce_11	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	dce_12_t	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	dce_12_t	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	dcp_12	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	dcp_12	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	eth_benz	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	eth_benz	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	hexnone2	10/26/93	ND	11.00	µg/kg	RFI-00694		(12-14')
BH-38	hexnone2	10/26/93	ND	13.00	µg/kg	RFI-00695		(26-28')
BH-38	mek	10/26/93	ND	10.90	µg/kg	RFI-00694		(12-14')
BH-38	mek	10/26/93	ND	12.60	µg/kg	RFI-00695		(26-28')
BH-38	mene_cl	10/26/93		7.60	µg/kg	RFI-00694	UJ	(12-14')
BH-38	mene_cl	10/26/93		8.40	µg/kg	RFI-00695	UJ	(26-28')
BH-38	mibk	10/26/93	ND	10.90	µg/kg	RFI-00694		(12-14')
BH-38	mibk	10/26/93	ND	12.60	µg/kg	RFI-00695		(26-28')
BH-38	styrene	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	styrene	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	t_13_dcp	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	t_13_dcp	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	tca_111	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	tca_111	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	tca_112	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	tca_112	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	tca_1122	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	tca_1122	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	tetcleth	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	tetcleth	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	toluene	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	toluene	10/26/93		800.00	µg/kg	RFI-00607	R	(12-14')
BH-38	toluene	10/26/93		900.00	µg/kg	RFI-00608	R	(26-28')
BH-38	toluene	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	tricleth	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	tricleth	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')
BH-38	vnyl_cl	10/26/93	ND	10.90	µg/kg	RFI-00694		(12-14')
BH-38	vnyl_cl	10/26/93	ND	12.60	µg/kg	RFI-00695		(26-28')
BH-38	xylene	10/26/93	ND	5.40	µg/kg	RFI-00694		(12-14')
BH-38	xylene	10/26/93	ND	6.30	µg/kg	RFI-00695		(26-28')

LWTS Borehole Semivolatiles Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
BH-19A	acnphthe	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	acnphthy	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	anthracn	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	bis2ceth	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	bis2cexy	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	bis2clis	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	bis2ehex	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	bnz_a_an	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	bnz_a_py	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	bnz_b_fl	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	bnz_k_fl	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	bnzghipr	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	brppeth4	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	butbnzph	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	carbazol	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	chppeth4	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	chrysene	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	clnapht2	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	clphen_2	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	dbahanth	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	dcb_33	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	dibnzfur	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	diclph24	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	diethyph	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	dimthp24	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	dimthyph	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	dinbutph	11/14/93	47.40	µg/kg	RFI-00800	U	(12-14')
BH-19A	dinoctph	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	dintrp24	11/14/93	ND 966.40	µg/kg	RFI-00800		(12-14')
BH-19A	dintrt24	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	dintrt26	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	dntrcr46	11/14/93	ND 966.40	µg/kg	RFI-00800		(12-14')
BH-19A	flranthn	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	fluorene	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	hexclbnz	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	hexclbut	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	hexcleth	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	hexclpen	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	indnpyre	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	isophron	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	m_dclbnz	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	m_ntranl	11/14/93	ND 966.40	µg/kg	RFI-00800		(12-14')
BH-19A	mthynph2	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	mthynph2	11/14/93	ND 383.30	µg/kg	RFI-00946		(12-14')
BH-19A	naphthal	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	nntrphny	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')

LWTS Borehole Semivolatiles Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
BH-19A	nntrprpy	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	ntrobenz	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	o_cresol	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	o_dclbnz	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	o_ntranl	11/14/93	ND 966.40	µg/kg	RFI-00800		(12-14')
BH-19A	o_ntrphn	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	p_cresol	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	p_dclbnz	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	p_ntranl	11/14/93	ND 966.40	µg/kg	RFI-00800		(12-14')
BH-19A	p_ntrphn	11/14/93	ND 966.40	µg/kg	RFI-00800	UJ	(12-14')
BH-19A	pclranil	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	pclrmcrs	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	phenol	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	phnanthr	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	pntclphn	11/14/93	ND 966.40	µg/kg	RFI-00800		(12-14')
BH-19A	pyrene	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	tcb_124	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	tclph245	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-19A	tclph246	11/14/93	ND 382.70	µg/kg	RFI-00800		(12-14')
BH-21A	acnphthe	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	acnphthy	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	anthracn	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	bis2ceth	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	bis2cexy	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	bis2clis	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	bis2ehex	11/15/93	22.30	µg/kg	RFI-00802	J	(26-28')
BH-21A	bnz_a_an	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	bnz_a_py	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	bnz_b_fl	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	bnz_k_fl	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	bnzghipr	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	brppeth4	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	butbnzph	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	carbazol	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	chppeth4	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	chrysene	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	clnapht2	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	clphen_2	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	dbahanth	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	dcb_33	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	dibnzfur	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	diclph24	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	diethyph	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	dimthp24	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	dimthyph	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')

LWTS Borehole Semivolatiles Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
BH-21A	dinbutph	11/15/93	235.00	µg/kg	RFI-00802	U	(26-28')
BH-21A	dinoctph	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	dintrp24	11/15/93	ND 444.70	µg/kg	RFI-00802		(26-28')
BH-21A	dintrt24	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	dintrt26	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	dntrcr46	11/15/93	ND 444.70	µg/kg	RFI-00802		(26-28')
BH-21A	flranthn	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	fluorene	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	hexclbnz	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	hexclbut	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	hexcleth	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	hexclpen	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	indnpyre	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	isophron	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	m_dclbnz	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	m_ntranl	11/15/93	ND 444.70	µg/kg	RFI-00802		(26-28')
BH-21A	mthynph2	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	naphthal	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	nntrphny	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	nntrprpy	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	ntrobenz	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	o_cresol	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	o_dclbnz	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	o_ntranl	11/15/93	ND 444.70	µg/kg	RFI-00802		(26-28')
BH-21A	o_ntrphn	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	p_cresol	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	p_dclbnz	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	p_ntranl	11/15/93	ND 444.70	µg/kg	RFI-00802		(26-28')
BH-21A	p_ntrphn	11/15/93	ND 444.70	µg/kg	RFI-00802		(26-28')
BH-21A	pclranil	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	pclrmcrs	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	phenol	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	phnanthr	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	pntclphn	11/15/93	ND 444.70	µg/kg	RFI-00802		(26-28')
BH-21A	pyrene	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	tcb_124	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	tclph245	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-21A	tclph246	11/15/93	ND 176.10	µg/kg	RFI-00802		(26-28')
BH-23	acnphthe	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	acnphthy	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	anthracn	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	bis2ceth	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	bis2cexy	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	bis2clis	11/03/93	ND 373.80	µg/kg	RFI-00615	UJ	(08-10')
BH-23	bis2ehex	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')

LWTS Borehole Semivolatiles Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
BH-23	bnz_a_an	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	bnz_a_py	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	bnz_b_fl	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	bnz_k_fl	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	bnzghipr	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	brppeth4	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	butbnzph	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	carbazol	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	chppeth4	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	chrysene	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	clnapht2	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	clphen_2	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	dbahanth	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	dcb_33	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	dibnzfur	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	diclph24	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	diethyph	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	dimthp24	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	dimthyph	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	dinbutph	11/03/93	288.40	µg/kg	RFI-00615	J	(08-10')
BH-23	dinoctph	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	dintrp24	11/03/93	ND 943.90	µg/kg	RFI-00615		(08-10')
BH-23	dintrt24	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	dintrt26	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	dntrcr46	11/03/93	ND 943.90	µg/kg	RFI-00615		(08-10')
BH-23	flranthn	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	fluorene	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	hexclbnz	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	hexclbut	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	hexcleth	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	hexclpen	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	indnpyre	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	isophron	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	m_dclbnz	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	m_ntranl	11/03/93	ND 943.90	µg/kg	RFI-00615		(08-10')
BH-23	mthynph2	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	naphthal	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	nntrphny	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	nntrprpy	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	ntrobenz	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	o_cresol	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	o_dclbnz	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	o_ntranl	11/03/93	ND 943.90	µg/kg	RFI-00615		(08-10')
BH-23	o_ntrphn	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	p_cresol	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	p_dclbnz	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')

LWTS Borehole Semivolatiles Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
BH-23	p_ntranl	11/03/93	ND 943.90	µg/kg	RFI-00615		(08-10')
BH-23	p_ntrphn	11/03/93	ND 943.90	µg/kg	RFI-00615		(08-10')
BH-23	pclranil	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	pclrmcrs	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	phenol	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	phnanthr	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	pntclphn	11/03/93	ND 943.90	µg/kg	RFI-00615		(08-10')
BH-23	pyrene	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	tcb_124	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	tclph245	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-23	tclph246	11/03/93	ND 373.80	µg/kg	RFI-00615		(08-10')
BH-31	acnphthe	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	acnphthy	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	anthracn	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	bis2ceth	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	bis2cexy	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	bis2clis	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	bis2ehex	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	bnz_a_an	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	bnz_a_py	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	bnz_b_fl	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	bnz_k_fl	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	bnzghipr	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	brppeth4	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	butbnzph	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	carbazol	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	chppeth4	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	chrysene	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	clnapht2	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	clphen_2	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	dbahanth	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	dcb_33	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	dibnzfur	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	diclph24	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	diethyph	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	dimthp24	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	dimthyph	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	dinbutph	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	dinoctph	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	dintrp24	11/08/93	ND 940.00	µg/kg	RFI-00799	UJ	(10-12')
BH-31	dintrt24	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	dintrt26	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	dntrcr46	11/08/93	ND 940.00	µg/kg	RFI-00799		(10-12')
BH-31	flranthn	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	fluorene	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')

LWTS Borehole Semivolatiles Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
BH-31	hexacdio	11/08/93	30000.00	µg/kg	RFI-00799	J	(10-12')
BH-31	hexclbnz	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	hexclbut	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	hexcleth	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	hexclpen	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	indnpyre	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	isophron	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	m_dclbnz	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	m_ntranl	11/08/93	ND 940.00	µg/kg	RFI-00799		(10-12')
BH-31	mthynph2	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	naphthal	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	nntrphny	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	nntrprpy	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	ntrobenz	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	o_cresol	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	o_dclbnz	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	o_ntranl	11/08/93	ND 940.00	µg/kg	RFI-00799		(10-12')
BH-31	o_ntrphn	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	p_cresol	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	p_dclbnz	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	p_ntranl	11/08/93	ND 940.00	µg/kg	RFI-00799		(10-12')
BH-31	p_ntrphn	11/08/93	ND 940.00	µg/kg	RFI-00799	UJ	(10-12')
BH-31	pclranil	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	pclrmcrs	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	phenol	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	phnanthr	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	pntclphn	11/08/93	ND 940.00	µg/kg	RFI-00799		(10-12')
BH-31	pyrene	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	tcb_124	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	tclph245	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-31	tclph246	11/08/93	ND 387.10	µg/kg	RFI-00799		(10-12')
BH-32	acnphthe	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	acnphthy	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	anthracn	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	bis2ceth	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	bis2cexy	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	bis2clis	10/31/93	ND 359.90	µg/kg	RFI-00613	UJ	(14-16')
BH-32	bis2ehex	10/31/93	684.10	µg/kg	RFI-00613		(14-16')
BH-32	bnz_a_an	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	bnz_a_py	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	bnz_b_fl	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	bnz_k_fl	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	bnzghipr	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	brppeth4	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	butbnzph	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')

LWTS Borehole Semivolatiles Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
BH-32	carbazol	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	chppeth4	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	chrysene	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	clnapht2	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	clphen_2	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	dbahanth	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	dcb_33	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	dibnzfur	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	diclph24	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	diethyph	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	dimthp24	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	dimthyph	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	dinbutph	10/31/93	54.90	µg/kg	RFI-00613	UJ	(14-16')
BH-32	dinoctph	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	dintrp24	10/31/93	ND 870.00	µg/kg	RFI-00613		(14-16')
BH-32	dintrt24	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	dintrt26	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	dntrcr46	10/31/93	ND 870.00	µg/kg	RFI-00613		(14-16')
BH-32	flranthn	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	fluorene	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	hexclbnz	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	hexclbut	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	hexcleth	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	hexclpen	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	indnpyre	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	isophron	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	m_dclbnz	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	m_ntranl	10/31/93	ND 870.00	µg/kg	RFI-00613		(14-16')
BH-32	mthynph2	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	naphthal	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	nntrphny	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	nntrprpy	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	ntrobenz	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	o_cresol	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	o_dclbnz	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	o_ntranl	10/31/93	ND 870.00	µg/kg	RFI-00613		(14-16')
BH-32	o_ntrphn	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	p_cresol	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	p_dclbnz	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	p_ntranl	10/31/93	ND 870.00	µg/kg	RFI-00613		(14-16')
BH-32	p_ntrphn	10/31/93	ND 870.00	µg/kg	RFI-00613		(14-16')
BH-32	pclranil	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	pclrmcrs	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	phenol	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	phnanthr	10/31/93	ND 359.90	µg/kg	RFI-00613		(14-16')
BH-32	pntclphn	10/31/93	ND 870.00	µg/kg	RFI-00613		(14-16')

LWTS Borehole Semivolatiles Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
BH-32	pyrene	10/31/93	ND 359.90	μg/kg	RFI-00613		(14-16')
BH-32	tcb_124	10/31/93	ND 359.90	μg/kg	RFI-00613		(14-16')
BH-32	tclph245	10/31/93	ND 359.90	μg/kg	RFI-00613		(14-16')
BH-32	tclph246	10/31/93	ND 359.90	μg/kg	RFI-00613		(14-16')

LWTS Borehole Semivolatiles Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
Background							
BH-38	acnphthe	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	acnphthe	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	acnphthy	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	acnphthy	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	anthracn	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	anthracn	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	bis2ceth	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	bis2ceth	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	bis2cexy	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	bis2cexy	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	bis2clis	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	bis2clis	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	bis2ehex	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	bis2ehex	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	bnz_a_an	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	bnz_a_an	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	bnz_a_py	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	bnz_a_py	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	bnz_b_fl	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	bnz_b_fl	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	bnz_k_fl	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	bnz_k_fl	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	bnzghipr	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	bnzghipr	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	brppeth4	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	brppeth4	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	butbnzph	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	butbnzph	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	carbazol	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	carbazol	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	chppeth4	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	chppeth4	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	chrysene	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	chrysene	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	clnapht2	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	clnapht2	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	clphen_2	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	clphen_2	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	dbahanth	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	dbahanth	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	dcb_33	10/26/93	ND 378.30	µg/kg	RFI-00607	UJ	(12-14')
BH-38	dcb_33	10/26/93	ND 402.30	µg/kg	RFI-00608	UJ	(26-28')
BH-38	dibnzfur	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	dibnzfur	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')

LWTS Borehole Semivolatiles Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
BH-38	diclph24	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	diclph24	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	diethyph	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	diethyph	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	dimthp24	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	dimthp24	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	dimthyph	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	dimthyph	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	dinbutph	10/26/93	229.30	µg/kg	RFI-00607	UJ	(12-14')
BH-38	dinbutph	10/26/93	287.40	µg/kg	RFI-00608	UJ	(26-28')
BH-38	dinoctph	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	dinoctph	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	dintrp24	10/26/93	ND 920.00	µg/kg	RFI-00607		(12-14')
BH-38	dintrp24	10/26/93	ND 980.00	µg/kg	RFI-00608		(26-28')
BH-38	dintrt24	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	dintrt24	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	dintrt26	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	dintrt26	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	dntrcr46	10/26/93	ND 920.00	µg/kg	RFI-00607		(12-14')
BH-38	dntrcr46	10/26/93	ND 980.00	µg/kg	RFI-00608		(26-28')
BH-38	flranthn	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	flranthn	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	fluorene	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	fluorene	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	hexacdio	10/26/93	200.00	µg/kg	RFI-00607	J	(12-14')
BH-38	hexacdio	10/26/93	1000.00	µg/kg	RFI-00608	J	(26-28')
BH-38	hexclbnz	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	hexclbnz	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	hexclbut	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	hexclbut	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	hexcleth	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	hexcleth	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	hexclpen	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	hexclpen	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	indnpyre	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	indnpyre	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	isophron	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	isophron	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	m_dclbnz	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	m_dclbnz	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	m_ntranl	10/26/93	ND 920.00	µg/kg	RFI-00607		(12-14')
BH-38	m_ntranl	10/26/93	ND 980.00	µg/kg	RFI-00608		(26-28')
BH-38	mthynph2	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	mthynph2	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	naphthal	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	naphthal	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')

LWTS Borehole Semivolatiles Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
BH-38	nntrphny	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	nntrphny	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	nntrprpy	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	nntrprpy	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	ntrobenz	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	ntrobenz	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	o_cresol	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	o_cresol	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	o_dclbnz	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	o_dclbnz	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	o_ntranl	10/26/93	ND 920.00	µg/kg	RFI-00607		(12-14')
BH-38	o_ntranl	10/26/93	ND 980.00	µg/kg	RFI-00608		(26-28')
BH-38	o_ntrphn	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	o_ntrphn	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	p_cresol	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	p_cresol	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	p_dclbnz	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	p_dclbnz	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	p_ntranl	10/26/93	ND 920.00	µg/kg	RFI-00607		(12-14')
BH-38	p_ntranl	10/26/93	ND 980.00	µg/kg	RFI-00608		(26-28')
BH-38	p_ntrphn	10/26/93	ND 920.00	µg/kg	RFI-00607		(12-14')
BH-38	p_ntrphn	10/26/93	ND 980.00	µg/kg	RFI-00608		(26-28')
BH-38	pclranil	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	pclranil	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	pclrmcrs	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	pclrmcrs	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	phenol	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	phenol	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	phnanthr	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	phnanthr	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	pntclphn	10/26/93	ND 920.00	µg/kg	RFI-00607		(12-14')
BH-38	pntclphn	10/26/93	ND 980.00	µg/kg	RFI-00608		(26-28')
BH-38	pyrene	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	pyrene	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	tcb_124	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	tcb_124	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	tclph245	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	tclph245	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')
BH-38	tclph246	10/26/93	ND 378.30	µg/kg	RFI-00607		(12-14')
BH-38	tclph246	10/26/93	ND 402.30	µg/kg	RFI-00608		(26-28')

LWTS Borehole Metals Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
BH-17	Aluminum	10/25/93	13200000.00	µg/kg	RFI-00666		(26-28')
BH-17	Antimony	10/25/93	ND 1320.00	µg/kg	RFI-00666	UJ	(26-28')
BH-17	Arsenic	10/25/93	5640.00	µg/kg	RFI-00666	J	(26-28')
BH-17	Barium	10/25/93	124000.00	µg/kg	RFI-00666		(26-28')
BH-17	Beryllium	10/25/93	649.00	µg/kg	RFI-00666		(26-28')
BH-17	Cadmium	10/25/93	241.00	µg/kg	RFI-00666		(26-28')
BH-17	Calcium	10/25/93	2600000.00	µg/kg	RFI-00666	J	(26-28')
BH-17	Chromium	10/25/93	17900.00	µg/kg	RFI-00666	J	(26-28')
BH-17	Cobalt	10/25/93	11600.00	µg/kg	RFI-00666		(26-28')
BH-17	Copper	10/25/93	24700.00	µg/kg	RFI-00666	J	(26-28')
BH-17	Iron	10/25/93	27100000.00	µg/kg	RFI-00666	J	(26-28')
BH-17	Lead	10/25/93	18500.00	µg/kg	RFI-00666		(26-28')
BH-17	Magnesium	10/25/93	4820000.00	µg/kg	RFI-00666		(26-28')
BH-17	Manganese	10/25/93	512000.00	µg/kg	RFI-00666		(26-28')
BH-17	Mercury	10/25/93	26.90	µg/kg	RFI-00666		(26-28')
BH-17	Nickel	10/25/93	31300.00	µg/kg	RFI-00666		(26-28')
BH-17	Potassium	10/25/93	1960000.00	µg/kg	RFI-00666		(26-28')
BH-17	Selenium	10/25/93	ND 217.00	µg/kg	RFI-00666	UJ	(26-28')
BH-17	Silver	10/25/93	ND 330.00	µg/kg	RFI-00666	UJ	(26-28')
BH-17	Sodium	10/25/93	90000.00	µg/kg	RFI-00666		(26-28')
BH-17	Thallium	10/25/93	ND 543.00	µg/kg	RFI-00666	UJ	(26-28')
BH-17	Vanadium	10/25/93	18100.00	µg/kg	RFI-00666		(26-28')
BH-17	Zinc	10/25/93	76500.00	µg/kg	RFI-00666	J	(26-28')
BH-18	Aluminum	11/10/93	9330000.00	µg/kg	RFI-00942		(14-16')
BH-18	Antimony	11/10/93	ND 1320.00	µg/kg	RFI-00942		(14-16')
BH-18	Arsenic	11/10/93	12800.00	µg/kg	RFI-00942		(14-16')
BH-18	Barium	11/10/93	85400.00	µg/kg	RFI-00942		(14-16')
BH-18	Beryllium	11/10/93	409.00	µg/kg	RFI-00942		(14-16')
BH-18	Cadmium	11/10/93	ND 220.00	µg/kg	RFI-00942		(14-16')
BH-18	Calcium	11/10/93	1360000.00	µg/kg	RFI-00942		(14-16')
BH-18	Chromium	11/10/93	8980.00	µg/kg	RFI-00942	J	(14-16')
BH-18	Cobalt	11/10/93	7430.00	µg/kg	RFI-00942		(14-16')
BH-18	Copper	11/10/93	20800.00	µg/kg	RFI-00942		(14-16')
BH-18	Iron	11/10/93	24200000.00	µg/kg	RFI-00942		(14-16')
BH-18	Lead	11/10/93	21300.00	µg/kg	RFI-00942		(14-16')
BH-18	Magnesium	11/10/93	2710000.00	µg/kg	RFI-00942		(14-16')
BH-18	Manganese	11/10/93	535000.00	µg/kg	RFI-00942		(14-16')
BH-18	Mercury	11/10/93	16.70	µg/kg	RFI-00942		(14-16')
BH-18	Nickel	11/10/93	14500.00	µg/kg	RFI-00942		(14-16')
BH-18	Potassium	11/10/93	896000.00	µg/kg	RFI-00942		(14-16')
BH-18	Selenium	11/10/93	ND 556.00	µg/kg	RFI-00942	UJ	(14-16')
BH-18	Silver	11/10/93	ND 330.00	µg/kg	RFI-00942		(14-16')
BH-18	Sodium	11/10/93	52600.00	µg/kg	RFI-00942	J	(14-16')
BH-18	Thallium	11/10/93	222.00	µg/kg	RFI-00942	R	(14-16')
BH-18	Vanadium	11/10/93	11600.00	µg/kg	RFI-00942		(14-16')

LWTS Borehole Metals Analyte Data

Location	Parameter	Samp_Date		Result	Units	Sample_ID	Flags	Depth
BH-18	Zinc	11/10/93		73100.00	µg/kg	RFI-00942		(14-16')
BH-19A	Aluminum	11/11/93		10700000.00	µg/kg	RFI-00944		(00-02')
BH-19A	Aluminum	11/14/93		7030000.00	µg/kg	RFI-00946		(12-14')
BH-19A	Aluminum	11/14/93		7970000.00	µg/kg	RFI-00947		(18-20')
BH-19A	Aluminum	11/14/93		7900000.00	µg/kg	RFI-00948		(24-26')
BH-19A	Antimony	11/11/93		1480.00	µg/kg	RFI-00944		(00-02')
BH-19A	Antimony	11/14/93		2300.00	µg/kg	RFI-00946		(12-14')
BH-19A	Antimony	11/14/93		4340.00	µg/kg	RFI-00947		(18-20')
BH-19A	Antimony	11/14/93		2540.00	µg/kg	RFI-00948		(24-26')
BH-19A	Arsenic	11/11/93		14400.00	µg/kg	RFI-00944	J	(00-02')
BH-19A	Arsenic	11/14/93		13300.00	µg/kg	RFI-00946		(12-14')
BH-19A	Arsenic	11/14/93		11500.00	µg/kg	RFI-00947		(18-20')
BH-19A	Arsenic	11/14/93		13500.00	µg/kg	RFI-00948		(24-26')
BH-19A	Barium	11/11/93		68600.00	µg/kg	RFI-00944		(00-02')
BH-19A	Barium	11/14/93		45100.00	µg/kg	RFI-00946		(12-14')
BH-19A	Barium	11/14/93		49700.00	µg/kg	RFI-00947		(18-20')
BH-19A	Barium	11/14/93		61100.00	µg/kg	RFI-00948		(24-26')
BH-19A	Beryllium	11/11/93		437.00	µg/kg	RFI-00944		(00-02')
BH-19A	Beryllium	11/14/93		351.00	µg/kg	RFI-00946		(12-14')
BH-19A	Beryllium	11/14/93		364.00	µg/kg	RFI-00947		(18-20')
BH-19A	Beryllium	11/14/93		346.00	µg/kg	RFI-00948		(24-26')
BH-19A	Cadmium	11/11/93	ND	200.00	µg/kg	RFI-00944		(00-02')
BH-19A	Cadmium	11/14/93	ND	227.00	µg/kg	RFI-00946		(12-14')
BH-19A	Cadmium	11/14/93	ND	217.00	µg/kg	RFI-00947		(18-20')
BH-19A	Cadmium	11/14/93	ND	238.00	µg/kg	RFI-00948		(24-26')
BH-19A	Calcium	11/11/93		1960000.00	µg/kg	RFI-00944	J	(00-02')
BH-19A	Calcium	11/14/93		1440000.00	µg/kg	RFI-00946		(12-14')
BH-19A	Calcium	11/14/93		3410000.00	µg/kg	RFI-00947		(18-20')
BH-19A	Calcium	11/14/93		7810000.00	µg/kg	RFI-00948		(24-26')
BH-19A	Chromium	11/11/93		12100.00	µg/kg	RFI-00944		(00-02')
BH-19A	Chromium	11/14/93		9740.00	µg/kg	RFI-00946		(12-14')
BH-19A	Chromium	11/14/93		9260.00	µg/kg	RFI-00947		(18-20')
BH-19A	Chromium	11/14/93		9790.00	µg/kg	RFI-00948		(24-26')
BH-19A	Cobalt	11/11/93		8310.00	µg/kg	RFI-00944		(00-02')
BH-19A	Cobalt	11/14/93		7330.00	µg/kg	RFI-00946		(12-14')
BH-19A	Cobalt	11/14/93		5510.00	µg/kg	RFI-00947		(18-20')
BH-19A	Cobalt	11/14/93		5800.00	µg/kg	RFI-00948		(24-26')
BH-19A	Copper	11/11/93		22700.00	µg/kg	RFI-00944		(00-02')
BH-19A	Copper	11/14/93		17100.00	µg/kg	RFI-00946		(12-14')
BH-19A	Copper	11/14/93		14200.00	µg/kg	RFI-00947		(18-20')
BH-19A	Copper	11/14/93		18500.00	µg/kg	RFI-00948		(24-26')
BH-19A	Iron	11/11/93		23000000.00	µg/kg	RFI-00944		(00-02')
BH-19A	Iron	11/14/93		17300000.00	µg/kg	RFI-00946		(12-14')
BH-19A	Iron	11/14/93		16700000.00	µg/kg	RFI-00947		(18-20')
BH-19A	Iron	11/14/93		17900000.00	µg/kg	RFI-00948		(24-26')

LWTS Borehole Metals Analyte Data

Location	Parameter	Samp_Date		Result	Units	Sample_ID	Flags	Depth
BH-19A	Lead	11/11/93		18700.00	µg/kg	RFI-00944		(00-02')
BH-19A	Lead	11/14/93		16800.00	µg/kg	RFI-00946		(12-14')
BH-19A	Lead	11/14/93		15100.00	µg/kg	RFI-00947		(18-20')
BH-19A	Lead	11/14/93		11900.00	µg/kg	RFI-00948		(24-26')
BH-19A	Magnesium	11/11/93		3680000.00	µg/kg	RFI-00944		(00-02')
BH-19A	Magnesium	11/14/93		2900000.00	µg/kg	RFI-00946		(12-14')
BH-19A	Magnesium	11/14/93		2980000.00	µg/kg	RFI-00947		(18-20')
BH-19A	Magnesium	11/14/93		3930000.00	µg/kg	RFI-00948		(24-26')
BH-19A	Manganese	11/11/93		452000.00	µg/kg	RFI-00944		(00-02')
BH-19A	Manganese	11/14/93		698000.00	µg/kg	RFI-00946		(12-14')
BH-19A	Manganese	11/14/93		161000.00	µg/kg	RFI-00947		(18-20')
BH-19A	Manganese	11/14/93		204000.00	µg/kg	RFI-00948		(24-26')
BH-19A	Mercury	11/11/93		35.60	µg/kg	RFI-00944		(00-02')
BH-19A	Mercury	11/14/93		117.00	µg/kg	RFI-00946		(12-14')
BH-19A	Mercury	11/14/93		21.00	µg/kg	RFI-00947		(18-20')
BH-19A	Mercury	11/14/93		23.40	µg/kg	RFI-00948		(24-26')
BH-19A	Nickel	11/11/93		18700.00	µg/kg	RFI-00944		(00-02')
BH-19A	Nickel	11/14/93		17400.00	µg/kg	RFI-00946		(12-14')
BH-19A	Nickel	11/14/93		13000.00	µg/kg	RFI-00947		(18-20')
BH-19A	Nickel	11/14/93		15400.00	µg/kg	RFI-00948		(24-26')
BH-19A	Potassium	11/11/93		1040000.00	µg/kg	RFI-00944		(00-02')
BH-19A	Potassium	11/14/93		853000.00	µg/kg	RFI-00946		(12-14')
BH-19A	Potassium	11/14/93		1040000.00	µg/kg	RFI-00947		(18-20')
BH-19A	Potassium	11/14/93		1030000.00	µg/kg	RFI-00948		(24-26')
BH-19A	Selenium	11/11/93	ND	525.00	µg/kg	RFI-00944	UJ	(00-02')
BH-19A	Selenium	11/14/93	ND	241.00	µg/kg	RFI-00946	UJ	(12-14')
BH-19A	Selenium	11/14/93	ND	222.00	µg/kg	RFI-00947	UJ	(18-20')
BH-19A	Selenium	11/14/93	ND	208.00	µg/kg	RFI-00948	UJ	(24-26')
BH-19A	Silver	11/11/93	ND	300.00	µg/kg	RFI-00944		(00-02')
BH-19A	Silver	11/14/93	ND	341.00	µg/kg	RFI-00946		(12-14')
BH-19A	Silver	11/14/93	ND	326.00	µg/kg	RFI-00947		(18-20')
BH-19A	Silver	11/14/93	ND	358.00	µg/kg	RFI-00948		(24-26')
BH-19A	Sodium	11/11/93		104000.00	µg/kg	RFI-00944	J	(00-02')
BH-19A	Sodium	11/14/93		109000.00	µg/kg	RFI-00946		(12-14')
BH-19A	Sodium	11/14/93		57700.00	µg/kg	RFI-00947		(18-20')
BH-19A	Sodium	11/14/93		91300.00	µg/kg	RFI-00948		(24-26')
BH-19A	Thallium	11/11/93	ND	210.00	µg/kg	RFI-00944	R	(00-02')
BH-19A	Thallium	11/14/93	ND	602.00	µg/kg	RFI-00946	UJ	(12-14')
BH-19A	Thallium	11/14/93	ND	555.00	µg/kg	RFI-00947	UJ	(18-20')
BH-19A	Thallium	11/14/93	ND	519.00	µg/kg	RFI-00948	UJ	(24-26')
BH-19A	Vanadium	11/11/93		15800.00	µg/kg	RFI-00944		(00-02')
BH-19A	Vanadium	11/14/93		11100.00	µg/kg	RFI-00946		(12-14')
BH-19A	Vanadium	11/14/93		9060.00	µg/kg	RFI-00947		(18-20')
BH-19A	Vanadium	11/14/93		9620.00	µg/kg	RFI-00948		(24-26')
BH-19A	Zinc	11/11/93		63800.00	µg/kg	RFI-00944		(00-02')
BH-19A	Zinc	11/14/93		49900.00	µg/kg	RFI-00946		(12-14')

LWTS Borehole Metals Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
BH-19A	Zinc	11/14/93	88300.00	µg/kg	RFI-00947		(18-20')
BH-19A	Zinc	11/14/93	52200.00	µg/kg	RFI-00948		(24-26')

LWTS Borehole Metals Analyte Data

Location	Parameter	Samp_Date		Result	Units	Sample_ID	Flags	Depth
BH-20	Aluminum	11/04/93		10600000.00	µg/kg	RFI-00931		(12-14')
BH-20	Antimony	11/04/93		4270.00	µg/kg	RFI-00931	J	(12-14')
BH-20	Arsenic	11/04/93		23600.00	µg/kg	RFI-00931		(12-14')
BH-20	Barium	11/04/93		104000.00	µg/kg	RFI-00931		(12-14')
BH-20	Beryllium	11/04/93		519.00	µg/kg	RFI-00931		(12-14')
BH-20	Cadmium	11/04/93	ND	223.00	µg/kg	RFI-00931		(12-14')
BH-20	Calcium	11/04/93		14700000.00	µg/kg	RFI-00931		(12-14')
BH-20	Chromium	11/04/93		14200.00	µg/kg	RFI-00931		(12-14')
BH-20	Cobalt	11/04/93		10100.00	µg/kg	RFI-00931		(12-14')
BH-20	Copper	11/04/93		21700.00	µg/kg	RFI-00931		(12-14')
BH-20	Iron	11/04/93		23000000.00	µg/kg	RFI-00931		(12-14')
BH-20	Lead	11/04/93		17200.00	µg/kg	RFI-00931		(12-14')
BH-20	Magnesium	11/04/93		4450000.00	µg/kg	RFI-00931		(12-14')
BH-20	Manganese	11/04/93		624000.00	µg/kg	RFI-00931		(12-14')
BH-20	Mercury	11/04/93	ND	16.60	µg/kg	RFI-00931		(12-14')
BH-20	Nickel	11/04/93		22900.00	µg/kg	RFI-00931		(12-14')
BH-20	Potassium	11/04/93		1660000.00	µg/kg	RFI-00931		(12-14')
BH-20	Selenium	11/04/93	ND	109.00	µg/kg	RFI-00931		(12-14')
BH-20	Silver	11/04/93	ND	335.00	µg/kg	RFI-00931		(12-14')
BH-20	Sodium	11/04/93		70400.00	µg/kg	RFI-00931		(12-14')
BH-20	Thallium	11/04/93	ND	546.00	µg/kg	RFI-00931		(12-14')
BH-20	Vanadium	11/04/93		15600.00	µg/kg	RFI-00931		(12-14')
BH-20	Zinc	11/04/93		74200.00	µg/kg	RFI-00931		(12-14')
BH-21A	Aluminum	11/15/93		11700000.00	µg/kg	RFI-00950		(02-04')
BH-21A	Aluminum	11/15/93		9330000.00	µg/kg	RFI-00951		(18-20')
BH-21A	Aluminum	11/15/93		12300000.00	µg/kg	RFI-00952		(26-28')
BH-21A	Aluminum	11/15/93		6120000.00	µg/kg	RFI-00954		(30-32')
BH-21A	Antimony	11/15/93		2920.00	µg/kg	RFI-00950	J	(02-04')
BH-21A	Antimony	11/15/93		3720.00	µg/kg	RFI-00951	J	(18-20')
BH-21A	Antimony	11/15/93		4060.00	µg/kg	RFI-00952	J	(26-28')
BH-21A	Antimony	11/15/93		3890.00	µg/kg	RFI-00954	J	(30-32')
BH-21A	Arsenic	11/15/93		18800.00	µg/kg	RFI-00950		(02-04')
BH-21A	Arsenic	11/15/93		24300.00	µg/kg	RFI-00951		(18-20')
BH-21A	Arsenic	11/15/93		18400.00	µg/kg	RFI-00952		(26-28')
BH-21A	Arsenic	11/15/93		12700.00	µg/kg	RFI-00954		(30-32')
BH-21A	Barium	11/15/93		72900.00	µg/kg	RFI-00950		(02-04')
BH-21A	Barium	11/15/93		72600.00	µg/kg	RFI-00951		(18-20')
BH-21A	Barium	11/15/93		117000.00	µg/kg	RFI-00952		(26-28')
BH-21A	Barium	11/15/93		47700.00	µg/kg	RFI-00954		(30-32')
BH-21A	Beryllium	11/15/93		616.00	µg/kg	RFI-00950		(02-04')
BH-21A	Beryllium	11/15/93		477.00	µg/kg	RFI-00951		(18-20')
BH-21A	Beryllium	11/15/93		616.00	µg/kg	RFI-00952		(26-28')
BH-21A	Beryllium	11/15/93		329.00	µg/kg	RFI-00954		(30-32')
BH-21A	Cadmium	11/15/93	ND	223.00	µg/kg	RFI-00950		(02-04')
BH-21A	Cadmium	11/15/93	ND	246.00	µg/kg	RFI-00951		(18-20')

LWTS Borehole Metals Analyte Data

Location	Parameter	Samp_Date		Result	Units	Sample_ID	Flags	Depth
BH-21A	Cadmium	11/15/93	ND	247.00	µg/kg	RFI-00952		(26-28')
BH-21A	Cadmium	11/15/93	ND	242.00	µg/kg	RFI-00954		(30-32')
BH-21A	Calcium	11/15/93		2170000.00	µg/kg	RFI-00950		(02-04')
BH-21A	Calcium	11/15/93		4090000.00	µg/kg	RFI-00951		(18-20')
BH-21A	Calcium	11/15/93		16500000.00	µg/kg	RFI-00952		(26-28')
BH-21A	Calcium	11/15/93		22300000.00	µg/kg	RFI-00954		(30-32')
BH-21A	Chromium	11/15/93		13000.00	µg/kg	RFI-00950		(02-04')
BH-21A	Chromium	11/15/93		12300.00	µg/kg	RFI-00951		(18-20')
BH-21A	Chromium	11/15/93		16800.00	µg/kg	RFI-00952		(26-28')
BH-21A	Chromium	11/15/93		9450.00	µg/kg	RFI-00954		(30-32')
BH-21A	Cobalt	11/15/93		9170.00	µg/kg	RFI-00950		(02-04')
BH-21A	Cobalt	11/15/93		9110.00	µg/kg	RFI-00951		(18-20')
BH-21A	Cobalt	11/15/93		11000.00	µg/kg	RFI-00952		(26-28')
BH-21A	Cobalt	11/15/93		7320.00	µg/kg	RFI-00954		(30-32')
BH-21A	Copper	11/15/93		21600.00	µg/kg	RFI-00950		(02-04')
BH-21A	Copper	11/15/93		26300.00	µg/kg	RFI-00951		(18-20')
BH-21A	Copper	11/15/93		20000.00	µg/kg	RFI-00952		(26-28')
BH-21A	Copper	11/15/93		17300.00	µg/kg	RFI-00954		(30-32')
BH-21A	Iron	11/15/93		24200000.00	µg/kg	RFI-00950	J	(02-04')
BH-21A	Iron	11/15/93		24300000.00	µg/kg	RFI-00951	J	(18-20')
BH-21A	Iron	11/15/93		25800000.00	µg/kg	RFI-00952	J	(26-28')
BH-21A	Iron	11/15/93		17100000.00	µg/kg	RFI-00954	J	(30-32')
BH-21A	Lead	11/15/93		23700.00	µg/kg	RFI-00950		(02-04')
BH-21A	Lead	11/15/93		20100.00	µg/kg	RFI-00951		(18-20')
BH-21A	Lead	11/15/93		14800.00	µg/kg	RFI-00952		(26-28')
BH-21A	Lead	11/15/93		12400.00	µg/kg	RFI-00954		(30-32')
BH-21A	Magnesium	11/15/93		3510000.00	µg/kg	RFI-00950		(02-04')
BH-21A	Magnesium	11/15/93		3740000.00	µg/kg	RFI-00951		(18-20')
BH-21A	Magnesium	11/15/93		6680000.00	µg/kg	RFI-00952		(26-28')
BH-21A	Magnesium	11/15/93		5460000.00	µg/kg	RFI-00954		(30-32')
BH-21A	Manganese	11/15/93		535000.00	µg/kg	RFI-00950	J	(02-04')
BH-21A	Manganese	11/15/93		464000.00	µg/kg	RFI-00951	J	(18-20')
BH-21A	Manganese	11/15/93		369000.00	µg/kg	RFI-00952	J	(26-28')
BH-21A	Manganese	11/15/93		275000.00	µg/kg	RFI-00954	J	(30-32')
BH-21A	Mercury	11/15/93		25.10	µg/kg	RFI-00950		(02-04')
BH-21A	Mercury	11/15/93	ND	18.60	µg/kg	RFI-00951		(18-20')
BH-21A	Mercury	11/15/93	ND	18.40	µg/kg	RFI-00952		(26-28')
BH-21A	Mercury	11/15/93	ND	18.80	µg/kg	RFI-00954		(30-32')
BH-21A	Nickel	11/15/93		20300.00	µg/kg	RFI-00950		(02-04')
BH-21A	Nickel	11/15/93		20200.00	µg/kg	RFI-00951		(18-20')
BH-21A	Nickel	11/15/93		27200.00	µg/kg	RFI-00952		(26-28')
BH-21A	Nickel	11/15/93		16700.00	µg/kg	RFI-00954		(30-32')
BH-21A	Potassium	11/15/93		1130000.00	µg/kg	RFI-00950		(02-04')
BH-21A	Potassium	11/15/93		1070000.00	µg/kg	RFI-00951		(18-20')
BH-21A	Potassium	11/15/93		1860000.00	µg/kg	RFI-00952		(26-28')
BH-21A	Potassium	11/15/93		801000.00	µg/kg	RFI-00954		(30-32')

LWTS Borehole Metals Analyte Data

Location	Parameter	Samp_Date		Result	Units	Sample_ID	Flags	Depth
BH-21A	Selenium	11/15/93	ND	225.00	µg/kg	RFI-00950	UJ	(02-04')
BH-21A	Selenium	11/15/93	ND	247.00	µg/kg	RFI-00951	UJ	(18-20')
BH-21A	Selenium	11/15/93	ND	231.00	µg/kg	RFI-00952	UJ	(26-28')
BH-21A	Selenium	11/15/93	ND	1.20	µg/kg	RFI-00954	UJ	(30-32')
BH-21A	Silver	11/15/93	ND	335.00	µg/kg	RFI-00950		(02-04')
BH-21A	Silver	11/15/93	ND	369.00	µg/kg	RFI-00951		(18-20')
BH-21A	Silver	11/15/93	ND	370.00	µg/kg	RFI-00952		(26-28')
BH-21A	Silver	11/15/93	ND	363.00	µg/kg	RFI-00954		(30-32')
BH-21A	Sodium	11/15/93		63600.00	µg/kg	RFI-00950		(02-04')
BH-21A	Sodium	11/15/93		77700.00	µg/kg	RFI-00951		(18-20')
BH-21A	Sodium	11/15/93		126000.00	µg/kg	RFI-00952	J	(26-28')
BH-21A	Sodium	11/15/93		107000.00	µg/kg	RFI-00954		(30-32')
BH-21A	Thallium	11/15/93	ND	561.00	µg/kg	RFI-00950		(02-04')
BH-21A	Thallium	11/15/93	ND	617.00	µg/kg	RFI-00951		(18-20')
BH-21A	Thallium	11/15/93	ND	577.00	µg/kg	RFI-00952		(26-28')
BH-21A	Thallium	11/15/93	ND	607.00	µg/kg	RFI-00954		(30-32')
BH-21A	Vanadium	11/15/93		14000.00	µg/kg	RFI-00950		(02-04')
BH-21A	Vanadium	11/15/93		12700.00	µg/kg	RFI-00951		(18-20')
BH-21A	Vanadium	11/15/93		18000.00	µg/kg	RFI-00952		(26-28')
BH-21A	Vanadium	11/15/93		8970.00	µg/kg	RFI-00954		(30-32')
BH-21A	Zinc	11/15/93		78200.00	µg/kg	RFI-00950	J	(02-04')
BH-21A	Zinc	11/15/93		103000.00	µg/kg	RFI-00951	J	(18-20')
BH-21A	Zinc	11/15/93		67900.00	µg/kg	RFI-00952	J	(26-28')
BH-21A	Zinc	11/15/93		53700.00	µg/kg	RFI-00954	J	(30-32')
BH-22	Aluminum	10/18/93		19600000.00	µg/kg	RFI-00644	J	(00-02')
BH-22	Aluminum	10/18/93		12800000.00	µg/kg	RFI-00645	J	(04-06')
BH-22	Antimony	10/18/93	ND	1520.00	µg/kg	RFI-00644	UJ	(00-02')
BH-22	Antimony	10/18/93	ND	1450.00	µg/kg	RFI-00645	UJ	(04-06')
BH-22	Arsenic	10/18/93		7670.00	µg/kg	RFI-00644		(00-02')
BH-22	Arsenic	10/18/93		4780.00	µg/kg	RFI-00645		(04-06')
BH-22	Barium	10/18/93		134000.00	µg/kg	RFI-00644		(00-02')
BH-22	Barium	10/18/93		73200.00	µg/kg	RFI-00645		(04-06')
BH-22	Beryllium	10/18/93		939.00	µg/kg	RFI-00644		(00-02')
BH-22	Beryllium	10/18/93		615.00	µg/kg	RFI-00645		(04-06')
BH-22	Cadmium	10/18/93		326.00	µg/kg	RFI-00644		(00-02')
BH-22	Cadmium	10/18/93	ND	241.00	µg/kg	RFI-00645		(04-06')
BH-22	Calcium	10/18/93		23900000.00	µg/kg	RFI-00644	J	(00-02')
BH-22	Calcium	10/18/93		13700000.00	µg/kg	RFI-00645	J	(04-06')
BH-22	Chromium	10/18/93		24700.00	µg/kg	RFI-00644		(00-02')
BH-22	Chromium	10/18/93		17500.00	µg/kg	RFI-00645		(04-06')
BH-22	Cobalt	10/18/93		12600.00	µg/kg	RFI-00644		(00-02')
BH-22	Cobalt	10/18/93		11400.00	µg/kg	RFI-00645		(04-06')
BH-22	Copper	10/18/93		24000.00	µg/kg	RFI-00644	J	(00-02')
BH-22	Copper	10/18/93		19100.00	µg/kg	RFI-00645	J	(04-06')
BH-22	Iron	10/18/93		31500000.00	µg/kg	RFI-00644	J	(00-02')

LWTS Borehole Metals Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
BH-22	Iron	10/18/93	25800000.00	µg/kg	RFI-00645	J	(04-06')
BH-22	Lead	10/18/93	20000.00	µg/kg	RFI-00644		(00-02')
BH-22	Lead	10/18/93	16800.00	µg/kg	RFI-00645		(04-06')
BH-22	Magnesium	10/18/93	8560000.00	µg/kg	RFI-00644	J	(00-02')
BH-22	Magnesium	10/18/93	7800000.00	µg/kg	RFI-00645	J	(04-06')
BH-22	Manganese	10/18/93	355000.00	µg/kg	RFI-00644	J	(00-02')
BH-22	Manganese	10/18/93	611000.00	µg/kg	RFI-00645	J	(04-06')
BH-22	Mercury	10/18/93	ND 18.60	µg/kg	RFI-00644		(00-02')
BH-22	Mercury	10/18/93	ND 17.00	µg/kg	RFI-00645		(04-06')
BH-22	Nickel	10/18/93	34100.00	µg/kg	RFI-00644		(00-02')
BH-22	Nickel	10/18/93	26500.00	µg/kg	RFI-00645		(04-06')
BH-22	Potassium	10/18/93	3820000.00	µg/kg	RFI-00644		(00-02')
BH-22	Potassium	10/18/93	2390000.00	µg/kg	RFI-00645		(04-06')
BH-22	Selenium	10/18/93	ND 119.00	µg/kg	RFI-00644	UJ	(00-02')
BH-22	Selenium	10/18/93	ND 121.00	µg/kg	RFI-00645	UJ	(04-06')
BH-22	Silver	10/18/93	ND 380.00	µg/kg	RFI-00644		(00-02')
BH-22	Silver	10/18/93	ND 362.00	µg/kg	RFI-00645		(04-06')
BH-22	Sodium	10/18/93	118000.00	µg/kg	RFI-00644	J	(00-02')
BH-22	Sodium	10/18/93	80300.00	µg/kg	RFI-00645	J	(04-06')
BH-22	Thallium	10/18/93	190.00	µg/kg	RFI-00644	J	(00-02')
BH-22	Thallium	10/18/93	ND 121.00	µg/kg	RFI-00645	UJ	(04-06')
BH-22	Vanadium	10/18/93	30600.00	µg/kg	RFI-00644	J	(00-02')
BH-22	Vanadium	10/18/93	19800.00	µg/kg	RFI-00645	J	(04-06')
BH-22	Zinc	10/18/93	80900.00	µg/kg	RFI-00644	J	(00-02')
BH-22	Zinc	10/18/93	67900.00	µg/kg	RFI-00645	J	(04-06')
BH-23	Aluminum	11/03/93	10400000.00	µg/kg	RFI-00793		(00-02')
BH-23	Aluminum	11/03/93	8920000.00	µg/kg	RFI-00794		(08-10')
BH-23	Antimony	11/03/93	3730.00	µg/kg	RFI-00793	J	(00-02')
BH-23	Antimony	11/03/93	3080.00	µg/kg	RFI-00794	J	(08-10')
BH-23	Arsenic	11/03/93	23800.00	µg/kg	RFI-00793		(00-02')
BH-23	Arsenic	11/03/93	25300.00	µg/kg	RFI-00794		(08-10')
BH-23	Barium	11/03/93	77200.00	µg/kg	RFI-00793	J	(00-02')
BH-23	Barium	11/03/93	63500.00	µg/kg	RFI-00794	J	(08-10')
BH-23	Beryllium	11/03/93	465.00	µg/kg	RFI-00793		(00-02')
BH-23	Beryllium	11/03/93	434.00	µg/kg	RFI-00794		(08-10')
BH-23	Cadmium	11/03/93	ND 233.00	µg/kg	RFI-00793		(00-02')
BH-23	Cadmium	11/03/93	ND 226.00	µg/kg	RFI-00794		(08-10')
BH-23	Calcium	11/03/93	2270000.00	µg/kg	RFI-00793		(00-02')
BH-23	Calcium	11/03/93	1280000.00	µg/kg	RFI-00794		(08-10')
BH-23	Chromium	11/03/93	12200.00	µg/kg	RFI-00793		(00-02')
BH-23	Chromium	11/03/93	11400.00	µg/kg	RFI-00794		(08-10')
BH-23	Cobalt	11/03/93	6440.00	µg/kg	RFI-00793		(00-02')
BH-23	Cobalt	11/03/93	7900.00	µg/kg	RFI-00794		(08-10')
BH-23	Copper	11/03/93	22300.00	µg/kg	RFI-00793		(00-02')
BH-23	Copper	11/03/93	24400.00	µg/kg	RFI-00794		(08-10')

LWTS Borehole Metals Analyte Data

Location	Parameter	Samp_Date		Result	Units	Sample_ID	Flags	Depth
BH-23	Iron	11/03/93		23800000.00	µg/kg	RFI-00793		(00-02')
BH-23	Iron	11/03/93		23300000.00	µg/kg	RFI-00794		(08-10')
BH-23	Lead	11/03/93		44500.00	µg/kg	RFI-00793		(00-02')
BH-23	Lead	11/03/93		16800.00	µg/kg	RFI-00794		(08-10')
BH-23	Magnesium	11/03/93		2370000.00	µg/kg	RFI-00793		(00-02')
BH-23	Magnesium	11/03/93		2950000.00	µg/kg	RFI-00794		(08-10')
BH-23	Manganese	11/03/93		341000.00	µg/kg	RFI-00793	J	(00-02')
BH-23	Manganese	11/03/93		378000.00	µg/kg	RFI-00794	J	(08-10')
BH-23	Mercury	11/03/93		58.00	µg/kg	RFI-00793		(00-02')
BH-23	Mercury	11/03/93	ND	17.10	µg/kg	RFI-00794		(08-10')
BH-23	Nickel	11/03/93		13800.00	µg/kg	RFI-00793		(00-02')
BH-23	Nickel	11/03/93		17900.00	µg/kg	RFI-00794		(08-10')
BH-23	Potassium	11/03/93		850000.00	µg/kg	RFI-00793		(00-02')
BH-23	Potassium	11/03/93		1030000.00	µg/kg	RFI-00794		(08-10')
BH-23	Selenium	11/03/93	ND	117.00	µg/kg	RFI-00793	UJ	(00-02')
BH-23	Selenium	11/03/93	ND	111.00	µg/kg	RFI-00794	UJ	(08-10')
BH-23	Silver	11/03/93	ND	350.00	µg/kg	RFI-00793		(00-02')
BH-23	Silver	11/03/93	ND	340.00	µg/kg	RFI-00794		(08-10')
BH-23	Sodium	11/03/93		39500.00	µg/kg	RFI-00793	J	(00-02')
BH-23	Sodium	11/03/93		37600.00	µg/kg	RFI-00794	J	(08-10')
BH-23	Thallium	11/03/93	ND	586.00	µg/kg	RFI-00793	UJ	(00-02')
BH-23	Thallium	11/03/93	ND	556.00	µg/kg	RFI-00794	UJ	(08-10')
BH-23	Vanadium	11/03/93		15800.00	µg/kg	RFI-00793		(00-02')
BH-23	Vanadium	11/03/93		11400.00	µg/kg	RFI-00794		(08-10')
BH-23	Zinc	11/03/93		102000.00	µg/kg	RFI-00793	J	(00-02')
BH-23	Zinc	11/03/93		65800.00	µg/kg	RFI-00794	J	(08-10')
BH-24	Aluminum	10/06/93		11500000.00	µg/kg	RFI-00625	J	(02-04')
BH-24	Aluminum	10/06/93		15700000.00	µg/kg	RFI-00626	J	(06-08')
BH-24	Antimony	10/06/93		2320.00	µg/kg	RFI-00625	J	(02-04')
BH-24	Antimony	10/06/93		1750.00	µg/kg	RFI-00626	J	(06-08')
BH-24	Arsenic	10/06/93		5190.00	µg/kg	RFI-00625	J	(02-04')
BH-24	Arsenic	10/06/93		4070.00	µg/kg	RFI-00626	J	(06-08')
BH-24	Barium	10/06/93		67400.00	µg/kg	RFI-00625		(02-04')
BH-24	Barium	10/06/93		100000.00	µg/kg	RFI-00626		(06-08')
BH-24	Beryllium	10/06/93		547.00	µg/kg	RFI-00625		(02-04')
BH-24	Beryllium	10/06/93		670.00	µg/kg	RFI-00626		(06-08')
BH-24	Cadmium	10/06/93	ND	224.00	µg/kg	RFI-00625		(02-04')
BH-24	Cadmium	10/06/93		394.00	µg/kg	RFI-00626		(06-08')
BH-24	Calcium	10/06/93		27100000.00	µg/kg	RFI-00625	J	(02-04')
BH-24	Calcium	10/06/93		12400000.00	µg/kg	RFI-00626	J	(06-08')
BH-24	Chromium	10/06/93		15000.00	µg/kg	RFI-00625		(02-04')
BH-24	Chromium	10/06/93		18600.00	µg/kg	RFI-00626		(06-08')
BH-24	Cobalt	10/06/93		10100.00	µg/kg	RFI-00625		(02-04')
BH-24	Cobalt	10/06/93		11500.00	µg/kg	RFI-00626		(06-08')
BH-24	Copper	10/06/93		18700.00	µg/kg	RFI-00625	J	(02-04')

LWTS Borehole Metals Analyte Data

Location	Parameter	Samp_Date		Result	Units	Sample_ID	Flags	Depth
BH-24	Copper	10/06/93		19400.00	µg/kg	RFI-00626	J	(06-08')
BH-24	Iron	10/06/93		23000000.00	µg/kg	RFI-00625	J	(02-04')
BH-24	Iron	10/06/93		25700000.00	µg/kg	RFI-00626	J	(06-08')
BH-24	Lead	10/06/93		10400.00	µg/kg	RFI-00625		(02-04')
BH-24	Lead	10/06/93		13900.00	µg/kg	RFI-00626		(06-08')
BH-24	Magnesium	10/06/93		9070000.00	µg/kg	RFI-00625	J	(02-04')
BH-24	Magnesium	10/06/93		6630000.00	µg/kg	RFI-00626	J	(06-08')
BH-24	Manganese	10/06/93		408000.00	µg/kg	RFI-00625	J	(02-04')
BH-24	Manganese	10/06/93		556000.00	µg/kg	RFI-00626	J	(06-08')
BH-24	Mercury	10/06/93	ND	16.10	µg/kg	RFI-00625		(02-04')
BH-24	Mercury	10/06/93		27.90	µg/kg	RFI-00626		(06-08')
BH-24	Nickel	10/06/93		24800.00	µg/kg	RFI-00625		(02-04')
BH-24	Nickel	10/06/93		27800.00	µg/kg	RFI-00626		(06-08')
BH-24	Potassium	10/06/93		2340000.00	µg/kg	RFI-00625		(02-04')
BH-24	Potassium	10/06/93		2640000.00	µg/kg	RFI-00626		(06-08')
BH-24	Selenium	10/06/93	ND	112.00	µg/kg	RFI-00625	UJ	(02-04')
BH-24	Selenium	10/06/93	ND	126.00	µg/kg	RFI-00626	UJ	(06-08')
BH-24	Silver	10/06/93	ND	336.00	µg/kg	RFI-00625		(02-04')
BH-24	Silver	10/06/93	ND	378.00	µg/kg	RFI-00626		(06-08')
BH-24	Sodium	10/06/93		97400.00	µg/kg	RFI-00625		(02-04')
BH-24	Sodium	10/06/93		108000.00	µg/kg	RFI-00626		(06-08')
BH-24	Thallium	10/06/93	ND	112.00	µg/kg	RFI-00625	UJ	(02-04')
BH-24	Thallium	10/06/93	ND	126.00	µg/kg	RFI-00626	UJ	(06-08')
BH-24	Vanadium	10/06/93		15200.00	µg/kg	RFI-00625		(02-04')
BH-24	Vanadium	10/06/93		22100.00	µg/kg	RFI-00626		(06-08')
BH-24	Zinc	10/06/93		54000.00	µg/kg	RFI-00625	J	(02-04')
BH-24	Zinc	10/06/93		69200.00	µg/kg	RFI-00626	J	(06-08')
BH-31	Aluminum	11/08/93		11800000.00	µg/kg	RFI-00940		(10-12')
BH-31	Aluminum	11/08/93		7400000.00	µg/kg	RFI-00941		(16-18')
BH-31	Antimony	11/08/93		2080.00	µg/kg	RFI-00940		(10-12')
BH-31	Antimony	11/08/93	ND	1320.00	µg/kg	RFI-00941		(16-18')
BH-31	Arsenic	11/08/93		16300.00	µg/kg	RFI-00940		(10-12')
BH-31	Arsenic	11/08/93		9060.00	µg/kg	RFI-00941		(16-18')
BH-31	Barium	11/08/93		74900.00	µg/kg	RFI-00940		(10-12')
BH-31	Barium	11/08/93		64300.00	µg/kg	RFI-00941		(16-18')
BH-31	Beryllium	11/08/93		622.00	µg/kg	RFI-00940		(10-12')
BH-31	Beryllium	11/08/93		327.00	µg/kg	RFI-00941		(16-18')
BH-31	Cadmium	11/08/93	ND	217.00	µg/kg	RFI-00940		(10-12')
BH-31	Cadmium	11/08/93	ND	219.00	µg/kg	RFI-00941		(16-18')
BH-31	Calcium	11/08/93		1950000.00	µg/kg	RFI-00940		(10-12')
BH-31	Calcium	11/08/93		14000000.00	µg/kg	RFI-00941		(16-18')
BH-31	Chromium	11/08/93		16800.00	µg/kg	RFI-00940		(10-12')
BH-31	Chromium	11/08/93		8870.00	µg/kg	RFI-00941		(16-18')
BH-31	Cobalt	11/08/93		9740.00	µg/kg	RFI-00940		(10-12')
BH-31	Cobalt	11/08/93		5630.00	µg/kg	RFI-00941		(16-18')

LWTS Borehole Metals Analyte Data

Location	Parameter	Samp_Date		Result	Units	Sample_ID	Flags	Depth
BH-31	Copper	11/08/93		24200.00	µg/kg	RFI-00940		(10-12')
BH-31	Copper	11/08/93		17200.00	µg/kg	RFI-00941		(16-18')
BH-31	Iron	11/08/93		26200000.00	µg/kg	RFI-00940		(10-12')
BH-31	Iron	11/08/93		17100000.00	µg/kg	RFI-00941		(16-18')
BH-31	Lead	11/08/93		22700.00	µg/kg	RFI-00940		(10-12')
BH-31	Lead	11/08/93		17300.00	µg/kg	RFI-00941		(16-18')
BH-31	Magnesium	11/08/93		3560000.00	µg/kg	RFI-00940		(10-12')
BH-31	Magnesium	11/08/93		3910000.00	µg/kg	RFI-00941		(16-18')
BH-31	Manganese	11/08/93		427000.00	µg/kg	RFI-00940	R	(10-12')
BH-31	Manganese	11/08/93		317000.00	µg/kg	RFI-00941	R	(16-18')
BH-31	Mercury	11/08/93		24.40	µg/kg	RFI-00940		(10-12')
BH-31	Mercury	11/08/93		20.10	µg/kg	RFI-00941		(16-18')
BH-31	Nickel	11/08/93		20800.00	µg/kg	RFI-00940		(10-12')
BH-31	Nickel	11/08/93		13700.00	µg/kg	RFI-00941		(16-18')
BH-31	Potassium	11/08/93		1770000.00	µg/kg	RFI-00940		(10-12')
BH-31	Potassium	11/08/93		1160000.00	µg/kg	RFI-00941		(16-18')
BH-31	Selenium	11/08/93	ND	613.00	µg/kg	RFI-00940	R	(10-12')
BH-31	Selenium	11/08/93	ND	530.00	µg/kg	RFI-00941	R	(16-18')
BH-31	Silver	11/08/93	ND	326.00	µg/kg	RFI-00940		(10-12')
BH-31	Silver	11/08/93	ND	329.00	µg/kg	RFI-00941		(16-18')
BH-31	Sodium	11/08/93		120000.00	µg/kg	RFI-00940		(10-12')
BH-31	Sodium	11/08/93		74700.00	µg/kg	RFI-00941		(16-18')
BH-31	Thallium	11/08/93	ND	245.00	µg/kg	RFI-00940	R	(10-12')
BH-31	Thallium	11/08/93	ND	212.00	µg/kg	RFI-00941	R	(16-18')
BH-31	Vanadium	11/08/93		18300.00	µg/kg	RFI-00940		(10-12')
BH-31	Vanadium	11/08/93		9750.00	µg/kg	RFI-00941		(16-18')
BH-31	Zinc	11/08/93		84700.00	µg/kg	RFI-00940		(10-12')
BH-31	Zinc	11/08/93		66500.00	µg/kg	RFI-00941		(16-18')
BH-32	Aluminum	10/31/93		5290000.00	µg/kg	RFI-00783	J	(00-02')
BH-32	Aluminum	10/31/93		7950000.00	µg/kg	RFI-00786	J	(14-16')
BH-32	Aluminum	10/31/93		7790000.00	µg/kg	RFI-00787	J	(22-24')
BH-32	Antimony	10/31/93		2680.00	µg/kg	RFI-00783	J	(00-02')
BH-32	Antimony	10/31/93		2560.00	µg/kg	RFI-00786	J	(14-16')
BH-32	Antimony	10/31/93		1690.00	µg/kg	RFI-00787	J	(22-24')
BH-32	Arsenic	10/31/93		13600.00	µg/kg	RFI-00783		(00-02')
BH-32	Arsenic	10/31/93		28200.00	µg/kg	RFI-00786		(14-16')
BH-32	Arsenic	10/31/93		19500.00	µg/kg	RFI-00787		(22-24')
BH-32	Barium	10/31/93		29400.00	µg/kg	RFI-00783		(00-02')
BH-32	Barium	10/31/93		77500.00	µg/kg	RFI-00786		(14-16')
BH-32	Barium	10/31/93		77100.00	µg/kg	RFI-00787		(22-24')
BH-32	Beryllium	10/31/93		390.00	µg/kg	RFI-00783		(00-02')
BH-32	Beryllium	10/31/93		357.00	µg/kg	RFI-00786		(14-16')
BH-32	Beryllium	10/31/93		344.00	µg/kg	RFI-00787		(22-24')
BH-32	Cadmium	10/31/93		263.00	µg/kg	RFI-00783		(00-02')
BH-32	Cadmium	10/31/93	ND	211.00	µg/kg	RFI-00786		(14-16')

LWTS Borehole Metals Analyte Data

Location	Parameter	Samp_Date		Result	Units	Sample_ID	Flags	Depth
BH-32	Cadmium	10/31/93	ND	211.00	µg/kg	RFI-00787		(22-24')
BH-32	Calcium	10/31/93		38100000.00	µg/kg	RFI-00783	J	(00-02')
BH-32	Calcium	10/31/93		5680000.00	µg/kg	RFI-00786	J	(14-16')
BH-32	Calcium	10/31/93		15000000.00	µg/kg	RFI-00787	J	(22-24')
BH-32	Chromium	10/31/93		8190.00	µg/kg	RFI-00783		(00-02')
BH-32	Chromium	10/31/93		10000.00	µg/kg	RFI-00786		(14-16')
BH-32	Chromium	10/31/93		9500.00	µg/kg	RFI-00787		(22-24')
BH-32	Cobalt	10/31/93		3960.00	µg/kg	RFI-00783		(00-02')
BH-32	Cobalt	10/31/93		6630.00	µg/kg	RFI-00786		(14-16')
BH-32	Cobalt	10/31/93		6840.00	µg/kg	RFI-00787		(22-24')
BH-32	Copper	10/31/93		15200.00	µg/kg	RFI-00783		(00-02')
BH-32	Copper	10/31/93		19500.00	µg/kg	RFI-00786	J	(14-16')
BH-32	Copper	10/31/93		17600.00	µg/kg	RFI-00787	J	(22-24')
BH-32	Iron	10/31/93		12000000.00	µg/kg	RFI-00783	J	(00-02')
BH-32	Iron	10/31/93		21300000.00	µg/kg	RFI-00786	J	(14-16')
BH-32	Iron	10/31/93		18700000.00	µg/kg	RFI-00787	J	(22-24')
BH-32	Lead	10/31/93		12700.00	µg/kg	RFI-00783		(00-02')
BH-32	Lead	10/31/93		17100.00	µg/kg	RFI-00786		(14-16')
BH-32	Lead	10/31/93		10300.00	µg/kg	RFI-00787		(22-24')
BH-32	Magnesium	10/31/93		7840000.00	µg/kg	RFI-00783	J	(00-02')
BH-32	Magnesium	10/31/93		3240000.00	µg/kg	RFI-00786	J	(14-16')
BH-32	Magnesium	10/31/93		5020000.00	µg/kg	RFI-00787	J	(22-24')
BH-32	Manganese	10/31/93		353000.00	µg/kg	RFI-00783	J	(00-02')
BH-32	Manganese	10/31/93		374000.00	µg/kg	RFI-00786	J	(14-16')
BH-32	Manganese	10/31/93		247000.00	µg/kg	RFI-00787	J	(22-24')
BH-32	Mercury	10/31/93		33.70	µg/kg	RFI-00783		(00-02')
BH-32	Mercury	10/31/93		25.20	µg/kg	RFI-00786		(14-16')
BH-32	Mercury	10/31/93		25.40	µg/kg	RFI-00787		(22-24')
BH-32	Nickel	10/31/93		13000.00	µg/kg	RFI-00783		(00-02')
BH-32	Nickel	10/31/93		17600.00	µg/kg	RFI-00786		(14-16')
BH-32	Nickel	10/31/93		18000.00	µg/kg	RFI-00787		(22-24')
BH-32	Potassium	10/31/93		732000.00	µg/kg	RFI-00783		(00-02')
BH-32	Potassium	10/31/93		783000.00	µg/kg	RFI-00786		(14-16')
BH-32	Potassium	10/31/93		842000.00	µg/kg	RFI-00787		(22-24')
BH-32	Selenium	10/31/93	ND	213.00	µg/kg	RFI-00783	UJ	(00-02')
BH-32	Selenium	10/31/93	ND	206.00	µg/kg	RFI-00786	UJ	(14-16')
BH-32	Selenium	10/31/93	ND	211.00	µg/kg	RFI-00787	UJ	(22-24')
BH-32	Silver	10/31/93	ND	330.00	µg/kg	RFI-00783		(00-02')
BH-32	Silver	10/31/93	ND	317.00	µg/kg	RFI-00786		(14-16')
BH-32	Silver	10/31/93	ND	316.00	µg/kg	RFI-00787		(22-24')
BH-32	Sodium	10/31/93		171000.00	µg/kg	RFI-00783	J	(00-02')
BH-32	Sodium	10/31/93		46400.00	µg/kg	RFI-00786		(14-16')
BH-32	Sodium	10/31/93		50100.00	µg/kg	RFI-00787		(22-24')
BH-32	Thallium	10/31/93	ND	532.00	µg/kg	RFI-00783	UJ	(00-02')
BH-32	Thallium	10/31/93	ND	515.00	µg/kg	RFI-00786	UJ	(14-16')
BH-32	Thallium	10/31/93	ND	529.00	µg/kg	RFI-00787	UJ	(22-24')

LWTS Borehole Metals Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
BH-32	Vanadium	10/31/93	8760.00	µg/kg	RFI-00783		(00-02')
BH-32	Vanadium	10/31/93	10400.00	µg/kg	RFI-00786		(14-16')
BH-32	Vanadium	10/31/93	10200.00	µg/kg	RFI-00787		(22-24')
BH-32	Zinc	10/31/93	87400.00	µg/kg	RFI-00783	J	(00-02')
BH-32	Zinc	10/31/93	54200.00	µg/kg	RFI-00786	J	(14-16')
BH-32	Zinc	10/31/93	70400.00	µg/kg	RFI-00787	J	(22-24')

LWTS Borehole Metals Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
BH-34	Aluminum	10/28/93	11400000.00	µg/kg	RFI-00776		(00-02')
BH-34	Aluminum	10/28/93	7800000.00	µg/kg	RFI-00777		(08-10')
BH-34	Aluminum	10/28/93	11900000.00	µg/kg	RFI-00778		(12-14')
BH-34	Antimony	10/28/93	ND 1350.00	µg/kg	RFI-00776	UJ	(00-02')
BH-34	Antimony	10/28/93	2930.00	µg/kg	RFI-00777	J	(08-10')
BH-34	Antimony	10/28/93	3940.00	µg/kg	RFI-00778	J	(12-14')
BH-34	Arsenic	10/28/93	13800.00	µg/kg	RFI-00776		(00-02')
BH-34	Arsenic	10/28/93	14500.00	µg/kg	RFI-00777		(08-10')
BH-34	Arsenic	10/28/93	13500.00	µg/kg	RFI-00778		(12-14')
BH-34	Barium	10/28/93	72200.00	µg/kg	RFI-00776		(00-02')
BH-34	Barium	10/28/93	72500.00	µg/kg	RFI-00777		(08-10')
BH-34	Barium	10/28/93	153000.00	µg/kg	RFI-00778		(12-14')
BH-34	Beryllium	10/28/93	488.00	µg/kg	RFI-00776		(00-02')
BH-34	Beryllium	10/28/93	398.00	µg/kg	RFI-00777		(08-10')
BH-34	Beryllium	10/28/93	603.00	µg/kg	RFI-00778		(12-14')
BH-34	Cadmium	10/28/93	ND 224.00	µg/kg	RFI-00776		(00-02')
BH-34	Cadmium	10/28/93	ND 215.00	µg/kg	RFI-00777		(08-10')
BH-34	Cadmium	10/28/93	ND 234.00	µg/kg	RFI-00778		(12-14')
BH-34	Calcium	10/28/93	5400000.00	µg/kg	RFI-00776		(00-02')
BH-34	Calcium	10/28/93	1410000.00	µg/kg	RFI-00777		(08-10')
BH-34	Calcium	10/28/93	7320000.00	µg/kg	RFI-00778		(12-14')
BH-34	Chromium	10/28/93	12200.00	µg/kg	RFI-00776		(00-02')
BH-34	Chromium	10/28/93	9710.00	µg/kg	RFI-00777		(08-10')
BH-34	Chromium	10/28/93	16500.00	µg/kg	RFI-00778		(12-14')
BH-34	Cobalt	10/28/93	9250.00	µg/kg	RFI-00776		(00-02')
BH-34	Cobalt	10/28/93	5920.00	µg/kg	RFI-00777		(08-10')
BH-34	Cobalt	10/28/93	11900.00	µg/kg	RFI-00778		(12-14')
BH-34	Copper	10/28/93	21400.00	µg/kg	RFI-00776		(00-02')
BH-34	Copper	10/28/93	19700.00	µg/kg	RFI-00777		(08-10')
BH-34	Copper	10/28/93	22600.00	µg/kg	RFI-00778		(12-14')
BH-34	Iron	10/28/93	23100000.00	µg/kg	RFI-00776		(00-02')
BH-34	Iron	10/28/93	19200000.00	µg/kg	RFI-00777		(08-10')
BH-34	Iron	10/28/93	25700000.00	µg/kg	RFI-00778		(12-14')
BH-34	Lead	10/28/93	18500.00	µg/kg	RFI-00776		(00-02')
BH-34	Lead	10/28/93	16500.00	µg/kg	RFI-00777		(08-10')
BH-34	Lead	10/28/93	18300.00	µg/kg	RFI-00778		(12-14')
BH-34	Magnesium	10/28/93	4160000.00	µg/kg	RFI-00776		(00-02')
BH-34	Magnesium	10/28/93	2480000.00	µg/kg	RFI-00777		(08-10')
BH-34	Magnesium	10/28/93	4890000.00	µg/kg	RFI-00778		(12-14')
BH-34	Manganese	10/28/93	493000.00	µg/kg	RFI-00776		(00-02')
BH-34	Manganese	10/28/93	490000.00	µg/kg	RFI-00777		(08-10')
BH-34	Manganese	10/28/93	514000.00	µg/kg	RFI-00778		(12-14')
BH-34	Mercury	10/28/93	21.60	µg/kg	RFI-00776		(00-02')
BH-34	Mercury	10/28/93	20.20	µg/kg	RFI-00777		(08-10')
BH-34	Mercury	10/28/93	25.00	µg/kg	RFI-00778		(12-14')
BH-34	Nickel	10/28/93	20500.00	µg/kg	RFI-00776		(00-02')

LWTS Borehole Metals Analyte Data

Location	Parameter	Samp_Date		Result	Units	Sample_ID	Flags	Depth
BH-34	Nickel	10/28/93		15500.00	µg/kg	RFI-00777		(08-10')
BH-34	Nickel	10/28/93		30200.00	µg/kg	RFI-00778		(12-14')
BH-34	Potassium	10/28/93		1170000.00	µg/kg	RFI-00776		(00-02')
BH-34	Potassium	10/28/93		697000.00	µg/kg	RFI-00777		(08-10')
BH-34	Potassium	10/28/93		1600000.00	µg/kg	RFI-00778		(12-14')
BH-34	Selenium	10/28/93	ND	216.00	µg/kg	RFI-00776	UJ	(00-02')
BH-34	Selenium	10/28/93	ND	211.00	µg/kg	RFI-00777	UJ	(08-10')
BH-34	Selenium	10/28/93	ND	229.00	µg/kg	RFI-00778	UJ	(12-14')
BH-34	Silver	10/28/93	ND	336.00	µg/kg	RFI-00776		(00-02')
BH-34	Silver	10/28/93	ND	322.00	µg/kg	RFI-00777		(08-10')
BH-34	Silver	10/28/93	ND	351.00	µg/kg	RFI-00778		(12-14')
BH-34	Sodium	10/28/93		61900.00	µg/kg	RFI-00776	J	(00-02')
BH-34	Sodium	10/28/93		43800.00	µg/kg	RFI-00777	J	(08-10')
BH-34	Sodium	10/28/93		81000.00	µg/kg	RFI-00778	J	(12-14')
BH-34	Thallium	10/28/93	ND	539.00	µg/kg	RFI-00776	UJ	(00-02')
BH-34	Thallium	10/28/93	ND	527.00	µg/kg	RFI-00777	UJ	(08-10')
BH-34	Thallium	10/28/93	ND	574.00	µg/kg	RFI-00778	UJ	(12-14')
BH-34	Vanadium	10/28/93		14100.00	µg/kg	RFI-00776		(00-02')
BH-34	Vanadium	10/28/93		9760.00	µg/kg	RFI-00777		(08-10')
BH-34	Vanadium	10/28/93		16900.00	µg/kg	RFI-00778		(12-14')
BH-34	Zinc	10/28/93		85400.00	µg/kg	RFI-00776		(00-02')
BH-34	Zinc	10/28/93		61700.00	µg/kg	RFI-00777		(08-10')
BH-34	Zinc	10/28/93		68900.00	µg/kg	RFI-00778		(12-14')
Background								
BH-38	Aluminum	10/26/93		13900000.00	µg/kg	RFI-00668	J	(00-02')
BH-38	Aluminum	10/26/93		12500000.00	µg/kg	RFI-00669	J	(12-14')
BH-38	Aluminum	10/26/93		14000000.00	µg/kg	RFI-00670	J	(26-28')
BH-38	Antimony	10/26/93		2540.00	µg/kg	RFI-00668	J	(00-02')
BH-38	Antimony	10/26/93		2040.00	µg/kg	RFI-00669	J	(12-14')
BH-38	Antimony	10/26/93		2280.00	µg/kg	RFI-00670	J	(26-28')
BH-38	Arsenic	10/26/93		5350.00	µg/kg	RFI-00668	J	(00-02')
BH-38	Arsenic	10/26/93		6060.00	µg/kg	RFI-00669	J	(12-14')
BH-38	Arsenic	10/26/93		5090.00	µg/kg	RFI-00670	J	(26-28')
BH-38	Barium	10/26/93		105000.00	µg/kg	RFI-00668		(00-02')
BH-38	Barium	10/26/93		139000.00	µg/kg	RFI-00669		(12-14')
BH-38	Barium	10/26/93		151000.00	µg/kg	RFI-00670		(26-28')
BH-38	Beryllium	10/26/93		657.00	µg/kg	RFI-00668		(00-02')
BH-38	Beryllium	10/26/93		602.00	µg/kg	RFI-00669		(12-14')
BH-38	Beryllium	10/26/93		691.00	µg/kg	RFI-00670		(26-28')
BH-38	Cadmium	10/26/93	ND	228.00	µg/kg	RFI-00668		(00-02')
BH-38	Cadmium	10/26/93	ND	226.00	µg/kg	RFI-00669		(12-14')
BH-38	Cadmium	10/26/93	ND	247.00	µg/kg	RFI-00670		(26-28')
BH-38	Calcium	10/26/93		29400000.00	µg/kg	RFI-00668	J	(00-02')
BH-38	Calcium	10/26/93		17400000.00	µg/kg	RFI-00669	J	(12-14')

LWTS Borehole Metals Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
BH-38	Calcium	10/26/93	29400000.00	µg/kg	RFI-00670	J	(26-28')
BH-38	Chromium	10/26/93	17900.00	µg/kg	RFI-00668	J	(00-02')
BH-38	Chromium	10/26/93	16000.00	µg/kg	RFI-00669		(12-14')
BH-38	Chromium	10/26/93	19700.00	µg/kg	RFI-00670	J	(26-28')
BH-38	Cobalt	10/26/93	11500.00	µg/kg	RFI-00668		(00-02')
BH-38	Cobalt	10/26/93	11200.00	µg/kg	RFI-00669		(12-14')
BH-38	Cobalt	10/26/93	13200.00	µg/kg	RFI-00670		(26-28')
BH-38	Copper	10/26/93	20500.00	µg/kg	RFI-00668		(00-02')
BH-38	Copper	10/26/93	24800.00	µg/kg	RFI-00669		(12-14')
BH-38	Copper	10/26/93	23500.00	µg/kg	RFI-00670		(26-28')
BH-38	Iron	10/26/93	25200000.00	µg/kg	RFI-00668	J	(00-02')
BH-38	Iron	10/26/93	26800000.00	µg/kg	RFI-00669	J	(12-14')
BH-38	Iron	10/26/93	28000000.00	µg/kg	RFI-00670	J	(26-28')
BH-38	Lead	10/26/93	14200.00	µg/kg	RFI-00668		(00-02')
BH-38	Lead	10/26/93	14000.00	µg/kg	RFI-00669		(12-14')
BH-38	Lead	10/26/93	16700.00	µg/kg	RFI-00670		(26-28')
BH-38	Magnesium	10/26/93	10800000.00	µg/kg	RFI-00668	J	(00-02')
BH-38	Magnesium	10/26/93	6050000.00	µg/kg	RFI-00669	J	(12-14')
BH-38	Magnesium	10/26/93	10800000.00	µg/kg	RFI-00670	J	(26-28')
BH-38	Manganese	10/26/93	476000.00	µg/kg	RFI-00668	J	(00-02')
BH-38	Manganese	10/26/93	486000.00	µg/kg	RFI-00669	J	(12-14')
BH-38	Manganese	10/26/93	433000.00	µg/kg	RFI-00670	J	(26-28')
BH-38	Mercury	10/26/93	18.20	µg/kg	RFI-00668		(00-02')
BH-38	Mercury	10/26/93	19.70	µg/kg	RFI-00669		(12-14')
BH-38	Mercury	10/26/93	21.20	µg/kg	RFI-00670		(26-28')
BH-38	Nickel	10/26/93	27300.00	µg/kg	RFI-00668		(00-02')
BH-38	Nickel	10/26/93	27000.00	µg/kg	RFI-00669		(12-14')
BH-38	Nickel	10/26/93	32600.00	µg/kg	RFI-00670		(26-28')
BH-38	Potassium	10/26/93	2980000.00	µg/kg	RFI-00668		(00-02')
BH-38	Potassium	10/26/93	1700000.00	µg/kg	RFI-00669		(12-14')
BH-38	Potassium	10/26/93	2580000.00	µg/kg	RFI-00670		(26-28')
BH-38	Selenium	10/26/93	ND 114.00	µg/kg	RFI-00668	UJ	(00-02')
BH-38	Selenium	10/26/93	ND 107.00	µg/kg	RFI-00669	UJ	(12-14')
BH-38	Selenium	10/26/93	ND 125.00	µg/kg	RFI-00670	UJ	(26-28')
BH-38	Silver	10/26/93	ND 342.00	µg/kg	RFI-00668		(00-02')
BH-38	Silver	10/26/93	ND 339.00	µg/kg	RFI-00669		(12-14')
BH-38	Silver	10/26/93	ND 370.00	µg/kg	RFI-00670		(26-28')
BH-38	Sodium	10/26/93	136000.00	µg/kg	RFI-00668	J	(00-02')
BH-38	Sodium	10/26/93	76200.00	µg/kg	RFI-00669		(12-14')
BH-38	Sodium	10/26/93	127000.00	µg/kg	RFI-00670	J	(26-28')
BH-38	Thallium	10/26/93	ND 114.00	µg/kg	RFI-00668	UJ	(00-02')
BH-38	Thallium	10/26/93	ND 107.00	µg/kg	RFI-00669	UJ	(12-14')
BH-38	Thallium	10/26/93	ND 125.00	µg/kg	RFI-00670	UJ	(26-28')
BH-38	Vanadium	10/26/93	21300.00	µg/kg	RFI-00668	J	(00-02')
BH-38	Vanadium	10/26/93	16900.00	µg/kg	RFI-00669	J	(12-14')
BH-38	Vanadium	10/26/93	20900.00	µg/kg	RFI-00670	J	(26-28')

LWTS Borehole Metals Analyte Data

Location	Parameter	Samp_Date	Result	Units	Sample_ID	Flags	Depth
BH-38	Zinc	10/26/93	60000.00	µg/kg	RFI-00668	J	(00-02')
BH-38	Zinc	10/26/93	80000.00	µg/kg	RFI-00669	J	(12-14')
BH-38	Zinc	10/26/93	65800.00	µg/kg	RFI-00670	J	(26-28')

LWTS Pesticides/PCBs Analyte Data

Location	Parameter	Samp_Date		Result	Units	Sample_ID	Flags	Depth
Background								
BH-38	a_bhc	10/26/93	ND	1.81	µg/kg	RFI-00453	UJ	(12-14')
BH-38	a_bhc	10/26/93	ND	2.05	µg/kg	RFI-00455	UJ	(26-28')
BH-38	a_chrldn	10/26/93	ND	1.81	µg/kg	RFI-00453		(12-14')
BH-38	a_chrldn	10/26/93	ND	2.05	µg/kg	RFI-00455		(26-28')
BH-38	aldrin	10/26/93	ND	1.81	µg/kg	RFI-00453		(12-14')
BH-38	aldrin	10/26/93	ND	2.05	µg/kg	RFI-00455		(26-28')
BH-38	b_bhc	10/26/93	ND	1.81	µg/kg	RFI-00453	UJ	(12-14')
BH-38	b_bhc	10/26/93	ND	2.05	µg/kg	RFI-00455	UJ	(26-28')
BH-38	d_bhc	10/26/93	ND	1.81	µg/kg	RFI-00453	UJ	(12-14')
BH-38	d_bhc	10/26/93	ND	2.05	µg/kg	RFI-00455	UJ	(26-28')
BH-38	ddd_44	10/26/93	ND	3.62	µg/kg	RFI-00453		(12-14')
BH-38	ddd_44	10/26/93	ND	4.11	µg/kg	RFI-00455		(26-28')
BH-38	dde_44	10/26/93	ND	3.62	µg/kg	RFI-00453		(12-14')
BH-38	dde_44	10/26/93	ND	4.11	µg/kg	RFI-00455		(26-28')
BH-38	ddt_44	10/26/93	ND	3.62	µg/kg	RFI-00453	UJ	(12-14')
BH-38	ddt_44	10/26/93	ND	4.11	µg/kg	RFI-00455	UJ	(26-28')
BH-38	dieldrin	10/26/93	ND	3.62	µg/kg	RFI-00453		(12-14')
BH-38	dieldrin	10/26/93	ND	4.11	µg/kg	RFI-00455		(26-28')
BH-38	endos_1	10/26/93	ND	1.81	µg/kg	RFI-00453		(12-14')
BH-38	endos_1	10/26/93	ND	2.05	µg/kg	RFI-00455		(26-28')
BH-38	endos_2	10/26/93	ND	3.62	µg/kg	RFI-00453		(12-14')
BH-38	endos_2	10/26/93	ND	4.11	µg/kg	RFI-00455		(26-28')
BH-38	endos_s	10/26/93	ND	3.62	µg/kg	RFI-00453	UJ	(12-14')
BH-38	endos_s	10/26/93	ND	4.11	µg/kg	RFI-00455	UJ	(26-28')
BH-38	endrin	10/26/93	ND	3.62	µg/kg	RFI-00453	UJ	(12-14')
BH-38	endrin	10/26/93	ND	4.11	µg/kg	RFI-00455	UJ	(26-28')
BH-38	endrn_al	10/26/93	ND	3.62	µg/kg	RFI-00453	UJ	(12-14')
BH-38	endrn_al	10/26/93	ND	4.11	µg/kg	RFI-00455	UJ	(26-28')
BH-38	endrn_kt	10/26/93	ND	3.62	µg/kg	RFI-00453	UJ	(12-14')
BH-38	endrn_kt	10/26/93	ND	4.11	µg/kg	RFI-00455	UJ	(26-28')
BH-38	g_bhc	10/26/93	ND	1.81	µg/kg	RFI-00453	UJ	(12-14')
BH-38	g_bhc	10/26/93	ND	2.05	µg/kg	RFI-00455	UJ	(26-28')
BH-38	g_chlrdn	10/26/93	ND	1.81	µg/kg	RFI-00453		(12-14')
BH-38	g_chlrdn	10/26/93	ND	2.05	µg/kg	RFI-00455		(26-28')
BH-38	hept_clr	10/26/93	ND	1.81	µg/kg	RFI-00453	UJ	(12-14')
BH-38	hept_clr	10/26/93	ND	2.05	µg/kg	RFI-00455	UJ	(26-28')
BH-38	hept_epx	10/26/93	ND	1.81	µg/kg	RFI-00453		(12-14')
BH-38	hept_epx	10/26/93	ND	2.05	µg/kg	RFI-00455		(26-28')
BH-38	meth_xcl	10/26/93	ND	18.10	µg/kg	RFI-00453	UJ	(12-14')
BH-38	meth_xcl	10/26/93	ND	20.60	µg/kg	RFI-00455	UJ	(26-28')
BH-38	pcb_1016	10/26/93	ND	35.10	µg/kg	RFI-00453		(12-14')
BH-38	pcb_1016	10/26/93	ND	39.70	µg/kg	RFI-00455		(26-28')
BH-38	pcb_1221	10/26/93	ND	72.30	µg/kg	RFI-00453		(12-14')
BH-38	pcb_1221	10/26/93	ND	82.20	µg/kg	RFI-00455		(26-28')

LWTS Pesticides/PCBs Analyte Data

Location	Parameter	Samp_Date		Result	Units	Sample_ID	Flags	Depth
BH-38	pcb_1232	10/26/93	ND	35.10	µg/kg	RFI-00453		(12-14')
BH-38	pcb_1232	10/26/93	ND	39.70	µg/kg	RFI-00455		(26-28')
BH-38	pcb_1242	10/26/93	ND	35.10	µg/kg	RFI-00453		(12-14')
BH-38	pcb_1242	10/26/93	ND	39.70	µg/kg	RFI-00455		(26-28')
BH-38	pcb_1248	10/26/93	ND	35.10	µg/kg	RFI-00453		(12-14')
BH-38	pcb_1248	10/26/93	ND	39.70	µg/kg	RFI-00455		(26-28')
BH-38	pcb_1254	10/26/93	ND	35.10	µg/kg	RFI-00453		(12-14')
BH-38	pcb_1254	10/26/93	ND	39.70	µg/kg	RFI-00455		(26-28')
BH-38	pcb_1260	10/26/93	ND	35.10	µg/kg	RFI-00453		(12-14')
BH-38	pcb_1260	10/26/93	ND	39.70	µg/kg	RFI-00455		(26-28')
BH-38	toxaphen	10/26/93	ND	170.00	µg/kg	RFI-00453		(12-14')
BH-38	toxaphen	10/26/93	ND	193.00	µg/kg	RFI-00455		(26-28')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-17	ag110__r	10/25/93	9.900E-09	1.910E-08	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	ag110__r	10/25/93	-1.000E-08	2.600E-08	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	am241__r	10/25/93	4.900E-07	1.000E-07	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	am241__r	10/25/93	9.600E-10	9.570E-09	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	be7____r	10/25/93	0.000E+00	1.800E-07	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	be7____r	10/25/93	4.800E-08	1.900E-07	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	co60___r	10/25/93	1.100E-09	1.420E-08	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	co60___r	10/25/93	-5.000E-09	2.110E-08	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	cs134__r	10/25/93	3.500E-08	1.700E-08	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	cs134__r	10/25/93	3.500E-08	2.300E-08	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	cs137__r	10/25/93	2.400E-06	2.000E-07	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	cs137__r	10/25/93	2.600E-08	2.100E-08	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	eu154__r	10/25/93	1.900E-08	5.600E-08	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	eu154__r	10/25/93	-4.900E-08	6.900E-08	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	gr_al__r	10/25/93	1.500E-05	6.000E-06	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	gr_al__r	10/25/93	1.200E-05	5.000E-06	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	gr_bt__r	10/25/93	7.000E-05	4.000E-06	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	gr_bt__r	10/25/93	5.600E-05	4.000E-06	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	k40____r	10/25/93	1.300E-05	1.000E-06	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	k40____r	10/25/93	1.900E-05	2.000E-06	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	pu238__r	10/25/93	6.100E-08	2.200E-08	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	pu238__r	10/25/93	4.300E-10	4.330E-09	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	pu239__r	10/25/93	9.700E-08	2.700E-08	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	pu239__r	10/25/93	4.300E-10	4.330E-09	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	pu241__r	10/25/93	1.100E-06	1.200E-06	µCi/g	RFI-00384	J	Subsurface soil	(14-16')
BH-17	pu241__r	10/25/93	1.300E-06	1.200E-06	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	ra224__r	10/25/93	2.900E-06	4.000E-07	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	ra224__r	10/25/93	3.300E-06	5.000E-07	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	ra226__r	10/25/93	1.200E-06	4.000E-07	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	ra226__r	10/25/93	1.900E-06	5.000E-07	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	ru106__r	10/25/93	-1.800E-08	1.490E-07	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	ru106__r	10/25/93	-2.700E-08	1.730E-07	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	sb125__r	10/25/93	7.700E-08	5.100E-08	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	sb125__r	10/25/93	2.300E-08	5.200E-08	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	sr90___r	10/25/93	2.700E-06	1.000E-07	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	sr90___r	10/25/93	1.100E-07	8.000E-08	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	u232___r	10/25/93	9.900E-10	1.150E-08	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	u232___r	10/25/93	2.100E-09	3.200E-09	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	u233_34r	10/25/93	1.400E-07	3.000E-08	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	u233_34r	10/25/93	1.600E-07	3.000E-08	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	u235___r	10/25/93	4.800E-09	6.300E-09	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	u235___r	10/25/93	3.400E-09	5.800E-09	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	u236___r	10/25/93	3.700E-10	3.700E-09	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	u236___r	10/25/93	3.800E-10	3.810E-09	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-17	u238___r	10/25/93	1.200E-07	3.000E-08	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	u238___r	10/25/93	1.100E-07	3.000E-08	µCi/g	RFI-00385		Subsurface soil	(26-28')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-17	zr95__r	10/25/93	1.900E-07	4.000E-08	µCi/g	RFI-00384		Subsurface soil	(14-16')
BH-17	zr95__r	10/25/93	1.000E-07	5.000E-08	µCi/g	RFI-00385		Subsurface soil	(26-28')
BH-18	ag110__r	11/10/93	0.000E+00	1.900E-08	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	ag110__r	11/10/93	1.600E-08	3.600E-08	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	ag110__r	11/10/93	1.200E-09	1.780E-08	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	am241__r	11/10/93	2.300E-08	2.200E-08	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	am241__r	11/10/93	1.700E-09	1.180E-08	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	am241__r	11/10/93	8.400E-09	1.110E-08	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	be7____r	11/10/93	-8.100E-08	2.020E-07	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	be7____r	11/10/93	1.900E-07	3.900E-07	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	be7____r	11/10/93	4.600E-08	1.900E-07	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	co60___r	11/10/93	2.100E-09	1.390E-08	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	co60___r	11/10/93	-5.200E-09	2.750E-08	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	co60___r	11/10/93	-3.000E-09	1.290E-08	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	cs134__r	11/10/93	-2.300E-09	1.500E-08	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	cs134__r	11/10/93	7.000E-08	3.000E-08	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	cs134__r	11/10/93	1.600E-08	1.400E-08	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	cs137__r	11/10/93	5.500E-08	1.500E-08	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	cs137__r	11/10/93	6.000E-09	2.620E-08	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	cs137__r	11/10/93	1.900E-08	1.300E-08	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	eu154__r	11/10/93	2.100E-08	4.900E-08	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	eu154__r	11/10/93	3.700E-08	9.200E-08	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	eu154__r	11/10/93	-4.200E-08	4.300E-08	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	gr_al__r	11/10/93	6.400E-06	4.300E-06	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	gr_al__r	11/10/93	1.600E-05	6.000E-06	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	gr_al__r	11/10/93	1.500E-05	6.000E-06	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	gr_bt__r	11/10/93	3.900E-05	3.000E-06	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	gr_bt__r	11/10/93	5.500E-05	4.000E-06	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	gr_bt__r	11/10/93	5.400E-05	4.000E-06	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	k40____r	11/10/93	1.400E-05	1.000E-06	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	k40____r	11/10/93	2.400E-05	2.000E-06	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	k40____r	11/10/93	1.700E-05	2.000E-06	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	pu238__r	11/10/93	2.200E-08	2.000E-08	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	pu238__r	11/10/93	7.100E-08	2.300E-08	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	pu238__r	11/10/93	4.700E-10	4.680E-09	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	pu239__r	11/10/93	4.400E-08	2.700E-08	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	pu239__r	11/10/93	4.300E-10	4.280E-09	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	pu239__r	11/10/93	4.700E-10	4.680E-09	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	pu241__r	11/10/93	-9.200E-07	1.760E-06	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	pu241__r	11/10/93	1.500E-07	8.600E-07	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	pu241__r	11/10/93	-7.900E-08	1.020E-06	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	ra224__r	11/10/93	3.300E-06	4.000E-07	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	ra224__r	11/10/93	4.300E-06	6.000E-07	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	ra224__r	11/10/93	2.500E-06	3.000E-07	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	ra226__r	11/10/93	1.200E-06	3.000E-07	µCi/g	RFI-00870		Subsurface soil	(14-16')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-18	ra226__r	11/10/93	2.300E-06	7.000E-07	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	ra226__r	11/10/93	1.300E-06	3.000E-07	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	ru106__r	11/10/93	-4.800E-08	1.290E-07	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	ru106__r	11/10/93	4.400E-08	2.440E-07	µCi/g	RFI-00871	J	Subsurface soil	(22-24')
BH-18	ru106__r	11/10/93	2.300E-09	1.220E-07	µCi/g	RFI-00872	J	Subsurface soil	(24-26')
BH-18	sb125__r	11/10/93	-2.200E-09	3.670E-08	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	sb125__r	11/10/93	4.100E-08	7.000E-08	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	sb125__r	11/10/93	8.200E-09	3.360E-08	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	sr90___r	11/10/93	2.800E-07	1.200E-07	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	sr90___r	11/10/93	3.500E-08	3.500E-08	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	sr90___r	11/10/93	1.700E-08	8.900E-08	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	u232___r	11/10/93	2.800E-09	7.700E-09	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	u232___r	11/10/93	2.100E-09	5.800E-09	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	u232___r	11/10/93	-6.100E-10	6.620E-09	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	u233_34r	11/10/93	1.100E-07	3.000E-08	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	u233_34r	11/10/93	1.400E-07	3.000E-08	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	u233_34r	11/10/93	1.100E-07	2.000E-08	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	u235___r	11/10/93	1.200E-08	1.000E-08	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	u235___r	11/10/93	2.900E-09	4.900E-09	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	u235___r	11/10/93	3.900E-09	5.100E-09	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	u236___r	11/10/93	4.100E-10	4.070E-09	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	u236___r	11/10/93	3.200E-10	3.230E-09	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	u236___r	11/10/93	3.000E-10	2.980E-09	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	u238___r	11/10/93	8.800E-08	2.500E-08	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	u238___r	11/10/93	1.200E-07	3.000E-08	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	u238___r	11/10/93	8.700E-08	2.100E-08	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-18	zr95___r	11/10/93	2.900E-07	5.000E-08	µCi/g	RFI-00870		Subsurface soil	(14-16')
BH-18	zr95___r	11/10/93	1.400E-07	9.000E-08	µCi/g	RFI-00871		Subsurface soil	(22-24')
BH-18	zr95___r	11/10/93	2.600E-07	5.000E-08	µCi/g	RFI-00872		Subsurface soil	(24-26')
BH-19A	ag110__r	11/11/93	1.100E-08	3.100E-08	µCi/g	RFI-00729		Subsurface soil	(00-02')
BH-19A	ag110__r	11/14/93	-1.400E-08	2.700E-08	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	ag110__r	11/14/93	-2.100E-08	2.700E-08	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	ag110__r	11/14/93	-5.700E-09	2.430E-08	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	am241__r	11/14/93	8.000E-07	1.400E-07	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	am241__r	11/14/93	4.900E-09	1.270E-08	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	am241__r	11/14/93	6.500E-10	6.550E-09	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	be7____r	11/11/93	1.800E-07	4.300E-07	µCi/g	RFI-00729		Subsurface soil	(00-02')
BH-19A	be7____r	11/14/93	1.500E-07	4.700E-07	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	be7____r	11/14/93	1.100E-07	2.700E-07	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	be7____r	11/14/93	5.000E-08	2.460E-07	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	co60___r	11/11/93	1.100E-08	2.300E-08	µCi/g	RFI-00729		Subsurface soil	(00-02')
BH-19A	co60___r	11/14/93	8.100E-09	1.780E-08	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	co60___r	11/14/93	-1.300E-08	1.900E-08	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	co60___r	11/14/93	-6.100E-09	1.840E-08	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	cs134__r	11/11/93	4.500E-08	2.500E-08	µCi/g	RFI-00729		Subsurface soil	(00-02')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-19A	cs134__r	11/14/93	5.200E-09	2.200E-08	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	cs134__r	11/14/93	5.300E-08	2.500E-08	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	cs134__r	11/14/93	4.600E-08	2.100E-08	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	cs137__r	11/11/93	3.700E-06	4.000E-07	µCi/g	RFI-00729		Subsurface soil	(00-02')
BH-19A	cs137__r	11/14/93	4.300E-06	1.000E-07	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	cs137__r	11/14/93	3.900E-08	2.300E-08	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	cs137__r	11/14/93	7.700E-09	1.870E-08	µCi/g	RFI-00875	J	Subsurface soil	(24-26')
BH-19A	eu154__r	11/11/93	3.300E-09	7.400E-08	µCi/g	RFI-00729		Subsurface soil	(00-02')
BH-19A	eu154__r	11/14/93	8.100E-08	7.300E-08	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	eu154__r	11/14/93	3.300E-08	6.900E-08	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	eu154__r	11/14/93	-3.500E-08	6.400E-08	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	gr_al__r	11/11/93	5.900E-06	4.200E-06	µCi/g	RFI-00729		Subsurface soil	(00-02')
BH-19A	gr_al__r	11/14/93	2.200E-05	1.000E-05	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	gr_al__r	11/14/93	1.200E-05	6.000E-06	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	gr_al__r	11/14/93	2.000E-05	7.000E-06	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	gr_bt__r	11/11/93	3.800E-05	3.000E-06	µCi/g	RFI-00729		Subsurface soil	(00-02')
BH-19A	gr_bt__r	11/14/93	2.500E-03	1.000E-04	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	gr_bt__r	11/14/93	6.400E-05	4.000E-06	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	gr_bt__r	11/14/93	5.000E-05	4.000E-06	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	k40____r	11/11/93	1.200E-05	1.000E-06	µCi/g	RFI-00729		Subsurface soil	(00-02')
BH-19A	k40____r	11/14/93	1.300E-05	1.000E-06	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	k40____r	11/14/93	1.300E-05	1.000E-06	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	k40____r	11/14/93	1.800E-05	8.000E-07	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	pu238__r	11/14/93	1.500E-07	3.000E-08	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	pu238__r	11/14/93	3.900E-09	6.500E-09	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	pu238__r	11/14/93	-4.100E-10	6.250E-09	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	pu239__r	11/14/93	2.000E-07	4.000E-08	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	pu239__r	11/14/93	4.300E-09	4.290E-08	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	pu239__r	11/14/93	-8.100E-10	4.750E-09	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	pu241__r	11/14/93	1.500E-06	7.000E-07	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	pu241__r	11/14/93	6.100E-08	8.390E-07	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	pu241__r	11/14/93	2.900E-07	8.000E-07	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	ra224__r	11/11/93	3.000E-06	7.000E-07	µCi/g	RFI-00729		Subsurface soil	(00-02')
BH-19A	ra224__r	11/14/93	3.000E-06	9.000E-07	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	ra224__r	11/14/93	3.100E-06	5.000E-07	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	ra224__r	11/14/93	-4.200E-06	5.000E-07	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	ra226__r	11/11/93	1.600E-06	6.000E-07	µCi/g	RFI-00729		Subsurface soil	(00-02')
BH-19A	ra226__r	11/14/93	2.000E-06	9.000E-07	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	ra226__r	11/14/93	1.200E-06	5.000E-07	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	ra226__r	11/14/93	1.500E-06	4.000E-07	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	ru106__r	11/11/93	1.100E-07	2.300E-07	µCi/g	RFI-00729		Subsurface soil	(00-02')
BH-19A	ru106__r	11/14/93	1.700E-07	2.400E-07	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	ru106__r	11/14/93	-5.700E-08	1.930E-07	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	ru106__r	11/14/93	5.400E-08	1.670E-07	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	sb125__r	11/11/93	3.100E-08	8.300E-08	µCi/g	RFI-00729		Subsurface soil	(00-02')
BH-19A	sb125__r	11/14/93	7.900E-08	9.600E-08	µCi/g	RFI-00873		Subsurface soil	(12-14')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-19A	sb125__r	11/14/93	8.800E-09	5.370E-08	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	sb125__r	11/14/93	2.400E-08	4.800E-08	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	sr90___r	11/11/93	9.300E-07	1.100E-07	µCi/g	RFI-00729		Subsurface soil	(00-02')
BH-19A	sr90___r	11/14/93	5.700E-04	1.000E-05	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	sr90___r	11/14/93	6.800E-06	3.000E-07	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	sr90___r	11/14/93	4.200E-07	6.000E-08	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	u232___r	11/14/93	2.200E-08	1.300E-08	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	u232___r	11/14/93	3.500E-09	1.310E-08	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	u232___r	11/14/93	-2.500E-09	6.200E-09	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	u233_34r	11/14/93	3.100E-07	5.000E-08	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	u233_34r	11/14/93	1.200E-07	3.000E-08	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	u233_34r	11/14/93	1.100E-07	3.000E-08	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	u235___r	11/14/93	5.200E-09	6.800E-09	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	u235___r	11/14/93	4.600E-10	4.590E-09	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	u235___r	11/14/93	3.700E-09	6.700E-09	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	u236___r	11/14/93	1.000E-08	9.000E-09	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	u236___r	11/14/93	4.600E-10	4.590E-09	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	u236___r	11/14/93	3.700E-10	3.720E-09	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	u238___r	11/14/93	2.300E-07	4.000E-08	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	u238___r	11/14/93	6.700E-08	2.300E-08	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	u238___r	11/14/93	8.700E-08	2.400E-08	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-19A	zr95___r	11/11/93	9.000E-08	7.500E-08	µCi/g	RFI-00729		Subsurface soil	(00-02')
BH-19A	zr95___r	11/14/93	3.700E-07	8.000E-08	µCi/g	RFI-00873		Subsurface soil	(12-14')
BH-19A	zr95___r	11/14/93	9.600E-08	6.600E-08	µCi/g	RFI-00874		Subsurface soil	(18-20')
BH-19A	zr95___r	11/14/93	7.000E-08	5.600E-08	µCi/g	RFI-00875		Subsurface soil	(24-26')
BH-20	ag110__r	11/04/93	-4.500E-09	2.940E-08	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	am241__r	11/04/93	3.200E-09	8.200E-09	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	be7____r	11/04/93	8.400E-08	2.760E-07	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	co60___r	11/04/93	-7.900E-09	2.220E-08	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	cs134__r	11/04/93	6.300E-08	2.700E-08	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	cs137__r	11/04/93	-7.900E-09	2.370E-08	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	eu154__r	11/04/93	-3.500E-08	8.200E-08	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	gr_al__r	11/04/93	9.400E-06	5.900E-06	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	gr_bt__r	11/04/93	5.100E-05	4.000E-06	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	k40____r	11/04/93	1.800E-05	2.000E-06	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	pu238__r	11/04/93	5.000E-10	4.960E-09	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	pu239__r	11/04/93	5.000E-10	4.960E-09	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	pu241__r	11/04/93	1.300E-06	1.000E-06	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	ra224__r	11/04/93	-2.900E-06	6.000E-07	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	ra226__r	11/04/93	1.500E-06	5.000E-07	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	ru106__r	11/04/93	4.500E-08	2.130E-07	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	sb125__r	11/04/93	2.300E-08	6.100E-08	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	sr90___r	11/04/93	1.100E-07	4.000E-08	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	u232___r	11/04/93	6.700E-09	7.400E-09	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	u233_34r	11/04/93	2.000E-07	4.000E-08	µCi/g	RFI-00856		Subsurface soil	(12-14')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-20	u235__r	11/04/93	5.300E-09	7.000E-09	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	u236__r	11/04/93	4.100E-10	4.070E-09	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	u238__r	11/04/93	1.400E-07	3.000E-08	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-20	zr95__r	11/04/93	4.100E-08	6.500E-08	µCi/g	RFI-00856		Subsurface soil	(12-14')
BH-21A	ag110__r	11/15/93	-8.800E-09	2.570E-08	µCi/g	RFI-00820		Subsurface soil	(02-04')
BH-21A	ag110__r	11/15/93	-2.100E-08	2.200E-08	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	ag110__r	11/15/93	-1.200E-08	3.500E-08	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	ag110__r	11/15/93	-1.600E-08	3.900E-08	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	ag110__r	11/16/93	-2.600E-08	3.800E-08	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	am241__r	11/15/93	8.500E-10	8.590E-09	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	am241__r	11/15/93	9.000E-10	8.990E-09	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	am241__r	11/15/93	9.800E-10	9.810E-09	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	am241__r	11/16/93	7.200E-10	7.230E-09	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	be7____r	11/15/93	6.700E-08	2.920E-07	µCi/g	RFI-00820		Subsurface soil	(02-04')
BH-21A	be7____r	11/15/93	1.200E-07	2.600E-07	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	be7____r	11/15/93	2.100E-07	5.000E-07	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	be7____r	11/15/93	-3.900E-07	6.400E-07	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	be7____r	11/16/93	3.300E-07	4.200E-07	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	co60__r	11/15/93	-5.600E-09	1.890E-08	µCi/g	RFI-00820		Subsurface soil	(02-04')
BH-21A	co60__r	11/15/93	6.200E-09	1.670E-08	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	co60__r	11/15/93	3.200E-09	2.230E-08	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	co60__r	11/15/93	1.200E-08	2.200E-08	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	co60__r	11/16/93	-1.800E-08	2.200E-08	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	cs134__r	11/15/93	3.900E-08	2.200E-08	µCi/g	RFI-00820		Subsurface soil	(02-04')
BH-21A	cs134__r	11/15/93	1.400E-08	1.800E-08	µCi/g	RFI-00877	J	Subsurface soil	(18-20')
BH-21A	cs134__r	11/15/93	4.900E-08	3.000E-08	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	cs134__r	11/15/93	2.800E-08	3.400E-08	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	cs134__r	11/16/93	3.200E-08	3.200E-08	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	cs137__r	11/15/93	1.600E-07	3.000E-08	µCi/g	RFI-00820		Subsurface soil	(02-04')
BH-21A	cs137__r	11/15/93	1.700E-08	1.800E-08	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	cs137__r	11/15/93	0.000E+00	2.900E-08	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	cs137__r	11/15/93	6.300E-10	3.740E-08	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	cs137__r	11/16/93	1.400E-08	3.000E-08	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	eu154__r	11/15/93	-5.300E-09	6.660E-08	µCi/g	RFI-00820		Subsurface soil	(02-04')
BH-21A	eu154__r	11/15/93	-5.600E-08	5.800E-08	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	eu154__r	11/15/93	-2.500E-08	7.500E-08	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	eu154__r	11/15/93	-4.700E-08	8.000E-08	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	eu154__r	11/16/93	4.800E-08	8.300E-08	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	gr_al__r	11/15/93	1.400E-05	6.000E-06	µCi/g	RFI-00820		Subsurface soil	(02-04')
BH-21A	gr_al__r	11/15/93	6.200E-06	3.800E-06	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	gr_al__r	11/15/93	1.100E-05	5.000E-06	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	gr_al__r	11/15/93	1.300E-05	5.000E-06	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	gr_al__r	11/16/93	4.400E-06	5.900E-06	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	gr_bt__r	11/15/93	3.600E-05	3.000E-06	µCi/g	RFI-00820		Subsurface soil	(02-04')
BH-21A	gr_bt__r	11/15/93	8.700E-04	2.000E-05	µCi/g	RFI-00877		Subsurface soil	(18-20')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-21A	gr_bt__r	11/15/93	1.400E-03	1.000E-04	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	gr_bt__r	11/15/93	7.000E-03	1.000E-04	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	gr_bt__r	11/16/93	1.700E-03	1.000E-04	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	k40____r	11/15/93	1.200E-05	1.000E-06	µCi/g	RFI-00820		Subsurface soil	(02-04')
BH-21A	k40____r	11/15/93	1.400E-05	1.000E-06	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	k40____r	11/15/93	1.900E-05	2.000E-06	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	k40____r	11/15/93	1.300E-05	1.000E-06	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	k40____r	11/16/93	1.200E-05	1.000E-06	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	pu238__r	11/15/93	5.900E-09	7.800E-09	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	pu238__r	11/15/93	5.100E-09	8.600E-09	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	pu238__r	11/15/93	2.400E-09	6.200E-09	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	pu238__r	11/16/93	4.800E-10	4.760E-09	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	pu239__r	11/15/93	4.600E-10	4.570E-09	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	pu239__r	11/15/93	5.700E-09	5.660E-09	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	pu239__r	11/15/93	-9.700E-10	5.630E-09	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	pu239__r	11/16/93	4.800E-10	4.760E-09	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	pu241__r	11/15/93	-7.100E-08	9.570E-07	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	pu241__r	11/15/93	7.100E-07	1.220E-06	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	pu241__r	11/15/93	7.100E-08	9.570E-07	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	pu241__r	11/16/93	-4.900E-07	1.050E-06	µCi/g	RFI-00971	J	Subsurface soil	(36-38')
BH-21A	ra224__r	11/15/93	3.300E-06	5.000E-07	µCi/g	RFI-00820		Subsurface soil	(02-04')
BH-21A	ra224__r	11/15/93	3.100E-06	5.000E-07	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	ra224__r	11/15/93	3.300E-06	9.000E-07	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	ra224__r	11/15/93	-2.400E-06	1.200E-06	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	ra224__r	11/16/93	2.500E-06	8.000E-07	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	ra226__r	11/15/93	1.200E-06	5.000E-07	µCi/g	RFI-00820		Subsurface soil	(02-04')
BH-21A	ra226__r	11/15/93	1.400E-06	5.000E-07	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	ra226__r	11/15/93	9.600E-07	9.200E-07	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	ra226__r	11/15/93	5.000E-08	1.210E-06	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	ra226__r	11/16/93	9.900E-07	6.700E-07	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	ru106__r	11/15/93	0.000E+00	1.800E-07	µCi/g	RFI-00820		Subsurface soil	(02-04')
BH-21A	ru106__r	11/15/93	3.600E-08	1.530E-07	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	ru106__r	11/15/93	5.400E-08	2.830E-07	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	ru106__r	11/15/93	2.300E-07	3.500E-07	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	ru106__r	11/16/93	7.900E-08	2.760E-07	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	sb125__r	11/15/93	-3.100E-08	5.200E-08	µCi/g	RFI-00820		Subsurface soil	(02-04')
BH-21A	sb125__r	11/15/93	5.900E-09	4.670E-08	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	sb125__r	11/15/93	-2.300E-08	9.600E-08	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	sb125__r	11/15/93	-1.100E-08	1.250E-07	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	sb125__r	11/16/93	2.900E-08	8.000E-08	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	sr90___r	11/15/93	1.700E-07	4.000E-08	µCi/g	RFI-00820		Subsurface soil	(02-04')
BH-21A	sr90___r	11/15/93	2.000E-04	1.000E-05	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	sr90___r	11/15/93	4.400E-04	1.000E-05	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	sr90___r	11/15/93	2.200E-03	1.000E-04	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	sr90___r	11/16/93	4.500E-04	1.000E-05	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	u232___r	11/15/93	-5.400E-09	6.500E-09	µCi/g	RFI-00877		Subsurface soil	(18-20')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-21A	u232___r	11/15/93	6.600E-09	7.800E-09	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	u232___r	11/15/93	7.100E-09	7.900E-09	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	u232___r	11/16/93	-7.000E-09	7.400E-09	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	u233_34r	11/15/93	1.400E-07	3.000E-08	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	u233_34r	11/15/93	1.700E-07	3.000E-08	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	u233_34r	11/15/93	7.900E-08	2.400E-08	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	u233_34r	11/16/93	8.600E-08	2.700E-08	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	u235___r	11/15/93	1.900E-09	4.800E-09	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	u235___r	11/15/93	5.100E-09	6.700E-09	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	u235___r	11/15/93	5.400E-09	7.200E-09	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	u235___r	11/16/93	5.100E-10	5.060E-09	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	u236___r	11/15/93	3.800E-10	3.760E-09	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	u236___r	11/15/93	3.900E-10	3.890E-09	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	u236___r	11/15/93	4.200E-10	4.190E-09	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	u236___r	11/16/93	5.100E-10	5.060E-09	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	u238___r	11/15/93	1.000E-07	3.000E-08	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	u238___r	11/15/93	1.400E-07	3.000E-08	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	u238___r	11/15/93	8.600E-08	2.500E-08	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	u238___r	11/16/93	7.100E-08	2.500E-08	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-21A	zr95___r	11/15/93	1.100E-07	7.000E-08	µCi/g	RFI-00820		Subsurface soil	(02-04')
BH-21A	zr95___r	11/15/93	2.700E-07	6.000E-08	µCi/g	RFI-00877		Subsurface soil	(18-20')
BH-21A	zr95___r	11/15/93	2.500E-08	9.000E-08	µCi/g	RFI-00878		Subsurface soil	(26-28')
BH-21A	zr95___r	11/15/93	-7.900E-09	1.030E-07	µCi/g	RFI-00969		Subsurface soil	(30-32')
BH-21A	zr95___r	11/16/93	3.300E-08	8.500E-08	µCi/g	RFI-00971		Subsurface soil	(36-38')
BH-22	ag110__r	10/18/93	-9.700E-09	2.350E-08	µCi/g	RFI-00547		Subsurface soil	(00-02')
BH-22	ag110__r	10/18/93	-1.600E-08	2.600E-08	µCi/g	RFI-00548		Subsurface soil	(04-06')
BH-22	ag110__r	10/18/93	0.000E+00	2.000E-08	µCi/g	RFI-00549		Subsurface soil	(10-12')
BH-22	be7____r	10/18/93	1.000E-07	1.800E-07	µCi/g	RFI-00547		Subsurface soil	(00-02')
BH-22	be7____r	10/18/93	-1.900E-08	1.920E-07	µCi/g	RFI-00548		Subsurface soil	(04-06')
BH-22	be7____r	10/18/93	8.700E-08	1.560E-07	µCi/g	RFI-00549		Subsurface soil	(10-12')
BH-22	co60___r	10/18/93	3.500E-09	1.920E-08	µCi/g	RFI-00547		Subsurface soil	(00-02')
BH-22	co60___r	10/18/93	4.100E-09	2.080E-08	µCi/g	RFI-00548		Subsurface soil	(04-06')
BH-22	co60___r	10/18/93	8.600E-09	1.610E-08	µCi/g	RFI-00549		Subsurface soil	(10-12')
BH-22	cs134__r	10/18/93	7.000E-08	2.300E-08	µCi/g	RFI-00547		Subsurface soil	(00-02')
BH-22	cs134__r	10/18/93	1.700E-08	2.200E-08	µCi/g	RFI-00548		Subsurface soil	(04-06')
BH-22	cs134__r	10/18/93	3.800E-08	1.700E-08	µCi/g	RFI-00549		Subsurface soil	(10-12')
BH-22	cs137__r	10/18/93	8.000E-08	2.500E-08	µCi/g	RFI-00547		Subsurface soil	(00-02')
BH-22	cs137__r	10/18/93	1.600E-07	3.000E-08	µCi/g	RFI-00548		Subsurface soil	(04-06')
BH-22	cs137__r	10/18/93	1.600E-08	1.700E-08	µCi/g	RFI-00549		Subsurface soil	(10-12')
BH-22	eu154__r	10/18/93	4.000E-08	7.300E-08	µCi/g	RFI-00547		Subsurface soil	(00-02')
BH-22	eu154__r	10/18/93	1.400E-08	7.100E-08	µCi/g	RFI-00548		Subsurface soil	(04-06')
BH-22	eu154__r	10/18/93	-5.200E-08	5.800E-08	µCi/g	RFI-00549		Subsurface soil	(10-12')
BH-22	gr_al__r	10/18/93	8.600E-06	4.800E-06	µCi/g	RFI-00547		Subsurface soil	(00-02')
BH-22	gr_al__r	10/18/93	1.200E-05	6.000E-06	µCi/g	RFI-00548		Subsurface soil	(04-06')
BH-22	gr_al__r	10/18/93	9.100E-06	4.900E-06	µCi/g	RFI-00549		Subsurface soil	(10-12')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-22	gr_bt__r	10/18/93	4.900E-05	4.000E-06	µCi/g	RFI-00547		Subsurface soil	(00-02')
BH-22	gr_bt__r	10/18/93	5.400E-05	4.000E-06	µCi/g	RFI-00548		Subsurface soil	(04-06')
BH-22	gr_bt__r	10/18/93	3.700E-05	3.000E-06	µCi/g	RFI-00549		Subsurface soil	(10-12')
BH-22	k40____r	10/18/93	2.200E-05	2.000E-06	µCi/g	RFI-00547		Subsurface soil	(00-02')
BH-22	k40____r	10/18/93	1.400E-05	1.000E-06	µCi/g	RFI-00548		Subsurface soil	(04-06')
BH-22	k40____r	10/18/93	1.900E-05	2.000E-06	µCi/g	RFI-00549		Subsurface soil	(10-12')
BH-22	ra224__r	10/18/93	-4.900E-06	6.000E-07	µCi/g	RFI-00547		Subsurface soil	(00-02')
BH-22	ra224__r	10/18/93	2.700E-06	5.000E-07	µCi/g	RFI-00548		Subsurface soil	(04-06')
BH-22	ra224__r	10/18/93	2.800E-06	4.000E-07	µCi/g	RFI-00549		Subsurface soil	(10-12')
BH-22	ra226__r	10/18/93	2.300E-06	5.000E-07	µCi/g	RFI-00547		Subsurface soil	(00-02')
BH-22	ra226__r	10/18/93	1.300E-06	5.000E-07	µCi/g	RFI-00548		Subsurface soil	(04-06')
BH-22	ra226__r	10/18/93	1.600E-06	4.000E-07	µCi/g	RFI-00549		Subsurface soil	(10-12')
BH-22	ru106__r	10/18/93	6.300E-08	1.720E-07	µCi/g	RFI-00547		Subsurface soil	(00-02')
BH-22	ru106__r	10/18/93	3.700E-08	1.780E-07	µCi/g	RFI-00548		Subsurface soil	(04-06')
BH-22	ru106__r	10/18/93	9.900E-08	1.400E-07	µCi/g	RFI-00549		Subsurface soil	(10-12')
BH-22	sb125__r	10/18/93	-1.900E-08	5.100E-08	µCi/g	RFI-00547		Subsurface soil	(00-02')
BH-22	sb125__r	10/18/93	-5.300E-08	5.400E-08	µCi/g	RFI-00548		Subsurface soil	(04-06')
BH-22	sb125__r	10/18/93	1.400E-08	4.100E-08	µCi/g	RFI-00549		Subsurface soil	(10-12')
BH-22	sr90___r	10/18/93	1.300E-07	6.000E-08	µCi/g	RFI-00547		Subsurface soil	(00-02')
BH-22	sr90___r	10/18/93	2.900E-08	5.100E-08	µCi/g	RFI-00548		Subsurface soil	(04-06')
BH-22	sr90___r	10/18/93	2.600E-08	3.400E-08	µCi/g	RFI-00549		Subsurface soil	(10-12')
BH-22	zr95___r	10/18/93	5.500E-08	4.400E-08	µCi/g	RFI-00547		Subsurface soil	(00-02')
BH-22	zr95___r	10/18/93	4.200E-08	4.800E-08	µCi/g	RFI-00548		Subsurface soil	(04-06')
BH-22	zr95___r	10/18/93	1.200E-07	4.000E-08	µCi/g	RFI-00549		Subsurface soil	(10-12')
BH-23	ag110__r	11/03/93	2.900E-09	2.580E-08	µCi/g	RFI-00722		Subsurface soil	(00-02')
BH-23	ag110__r	11/03/93	-1.200E-08	2.600E-08	µCi/g	RFI-00723		Subsurface soil	(08-10')
BH-23	ag110__r	11/03/93	7.400E-09	2.210E-08	µCi/g	RFI-00724		Subsurface soil	(14-16')
BH-23	be7____r	11/03/93	0.000E+00	2.500E-07	µCi/g	RFI-00722		Subsurface soil	(00-02')
BH-23	be7____r	11/03/93	0.000E+00	2.100E-07	µCi/g	RFI-00723		Subsurface soil	(08-10')
BH-23	be7____r	11/03/93	2.200E-07	1.900E-07	µCi/g	RFI-00724		Subsurface soil	(14-16')
BH-23	co60___r	11/03/93	2.100E-09	1.950E-08	µCi/g	RFI-00722		Subsurface soil	(00-02')
BH-23	co60___r	11/03/93	4.800E-09	1.930E-08	µCi/g	RFI-00723		Subsurface soil	(08-10')
BH-23	co60___r	11/03/93	1.800E-08	1.700E-08	µCi/g	RFI-00724		Subsurface soil	(14-16')
BH-23	cs134__r	11/03/93	3.200E-08	2.200E-08	µCi/g	RFI-00722		Subsurface soil	(00-02')
BH-23	cs134__r	11/03/93	4.200E-08	2.300E-08	µCi/g	RFI-00723		Subsurface soil	(08-10')
BH-23	cs134__r	11/03/93	3.400E-08	1.900E-08	µCi/g	RFI-00724		Subsurface soil	(14-16')
BH-23	cs137__r	11/03/93	1.800E-06	2.000E-07	µCi/g	RFI-00722		Subsurface soil	(00-02')
BH-23	cs137__r	11/03/93	2.400E-09	2.020E-08	µCi/g	RFI-00723		Subsurface soil	(08-10')
BH-23	cs137__r	11/03/93	-2.800E-09	1.780E-08	µCi/g	RFI-00724		Subsurface soil	(14-16')
BH-23	eu154__r	11/03/93	8.400E-09	6.760E-08	µCi/g	RFI-00722		Subsurface soil	(00-02')
BH-23	eu154__r	11/03/93	-3.000E-08	6.900E-08	µCi/g	RFI-00723		Subsurface soil	(08-10')
BH-23	eu154__r	11/03/93	-4.700E-08	6.200E-08	µCi/g	RFI-00724		Subsurface soil	(14-16')
BH-23	gr_al__r	11/03/93	6.400E-06	5.300E-06	µCi/g	RFI-00722		Subsurface soil	(00-02')
BH-23	gr_al__r	11/03/93	9.400E-06	5.900E-06	µCi/g	RFI-00723		Subsurface soil	(08-10')
BH-23	gr_al__r	11/03/93	1.000E-05	6.000E-06	µCi/g	RFI-00724		Subsurface soil	(14-16')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-23	gr_bt__r	11/03/93	4.000E-05	3.000E-06	µCi/g	RFI-00722		Subsurface soil	(00-02')
BH-23	gr_bt__r	11/03/93	4.000E-05	3.000E-06	µCi/g	RFI-00723		Subsurface soil	(08-10')
BH-23	gr_bt__r	11/03/93	3.600E-05	3.000E-06	µCi/g	RFI-00724		Subsurface soil	(14-16')
BH-23	k40____r	11/03/93	1.500E-05	1.000E-06	µCi/g	RFI-00722		Subsurface soil	(00-02')
BH-23	k40____r	11/03/93	1.400E-05	1.000E-06	µCi/g	RFI-00723		Subsurface soil	(08-10')
BH-23	k40____r	11/03/93	1.300E-05	1.000E-06	µCi/g	RFI-00724		Subsurface soil	(14-16')
BH-23	ra224__r	11/03/93	3.200E-06	5.000E-07	µCi/g	RFI-00722		Subsurface soil	(00-02')
BH-23	ra224__r	11/03/93	2.800E-06	5.000E-07	µCi/g	RFI-00723		Subsurface soil	(08-10')
BH-23	ra224__r	11/03/93	2.900E-06	4.000E-07	µCi/g	RFI-00724		Subsurface soil	(14-16')
BH-23	ra226__r	11/03/93	2.000E-06	5.000E-07	µCi/g	RFI-00722		Subsurface soil	(00-02')
BH-23	ra226__r	11/03/93	1.100E-06	5.000E-07	µCi/g	RFI-00723		Subsurface soil	(08-10')
BH-23	ra226__r	11/03/93	1.600E-06	5.000E-07	µCi/g	RFI-00724		Subsurface soil	(14-16')
BH-23	ru106__r	11/03/93	-6.000E-08	1.790E-07	µCi/g	RFI-00722		Subsurface soil	(00-02')
BH-23	ru106__r	11/03/93	1.900E-07	1.800E-07	µCi/g	RFI-00723		Subsurface soil	(08-10')
BH-23	ru106__r	11/03/93	-2.700E-08	1.480E-07	µCi/g	RFI-00724		Subsurface soil	(14-16')
BH-23	sb125__r	11/03/93	2.200E-08	5.800E-08	µCi/g	RFI-00722		Subsurface soil	(00-02')
BH-23	sb125__r	11/03/93	1.500E-08	5.100E-08	µCi/g	RFI-00723		Subsurface soil	(08-10')
BH-23	sb125__r	11/03/93	-4.900E-09	4.530E-08	µCi/g	RFI-00724		Subsurface soil	(14-16')
BH-23	sr90___r	11/03/93	3.000E-07	7.000E-08	µCi/g	RFI-00722		Subsurface soil	(00-02')
BH-23	sr90___r	11/03/93	3.600E-08	4.500E-08	µCi/g	RFI-00723		Subsurface soil	(08-10')
BH-23	sr90___r	11/03/93	5.900E-08	3.800E-08	µCi/g	RFI-00724		Subsurface soil	(14-16')
BH-23	zr95___r	11/03/93	2.200E-07	6.000E-08	µCi/g	RFI-00722		Subsurface soil	(00-02')
BH-23	zr95___r	11/03/93	8.200E-08	5.600E-08	µCi/g	RFI-00723		Subsurface soil	(08-10')
BH-23	zr95___r	11/03/93	1.800E-08	4.800E-08	µCi/g	RFI-00724		Subsurface soil	(14-16')
BH-24	ag110__r	10/06/93	1.600E-08	2.900E-08	µCi/g	RFI-00540	J	Subsurface soil	(02-04')
BH-24	ag110__r	10/06/93	-6.900E-09	2.750E-08	µCi/g	RFI-00541	J	Subsurface soil	(06-08')
BH-24	ag110__r	10/06/93	-1.300E-08	2.700E-08	µCi/g	RFI-00542	J	Subsurface soil	(12-14')
BH-24	be7____r	10/06/93	-2.800E-08	2.340E-07	µCi/g	RFI-00540		Subsurface soil	(02-04')
BH-24	be7____r	10/06/93	3.500E-08	2.170E-07	µCi/g	RFI-00541		Subsurface soil	(06-08')
BH-24	be7____r	10/06/93	-5.600E-08	2.320E-07	µCi/g	RFI-00542		Subsurface soil	(12-14')
BH-24	co60___r	10/06/93	-5.100E-09	2.290E-08	µCi/g	RFI-00540		Subsurface soil	(02-04')
BH-24	co60___r	10/06/93	1.500E-09	2.020E-08	µCi/g	RFI-00541		Subsurface soil	(06-08')
BH-24	co60___r	10/06/93	4.500E-09	2.300E-08	µCi/g	RFI-00542		Subsurface soil	(12-14')
BH-24	cs134__r	10/06/93	5.200E-08	2.500E-08	µCi/g	RFI-00540		Subsurface soil	(02-04')
BH-24	cs134__r	10/06/93	6.000E-08	2.400E-08	µCi/g	RFI-00541		Subsurface soil	(06-08')
BH-24	cs134__r	10/06/93	4.800E-08	2.400E-08	µCi/g	RFI-00542		Subsurface soil	(12-14')
BH-24	cs137__r	10/06/93	3.200E-08	2.500E-08	µCi/g	RFI-00540		Subsurface soil	(02-04')
BH-24	cs137__r	10/06/93	4.400E-08	2.300E-08	µCi/g	RFI-00541		Subsurface soil	(06-08')
BH-24	cs137__r	10/06/93	1.100E-08	2.100E-08	µCi/g	RFI-00542		Subsurface soil	(12-14')
BH-24	eu154__r	10/06/93	7.000E-08	8.200E-08	µCi/g	RFI-00540		Subsurface soil	(02-04')
BH-24	eu154__r	10/06/93	-9.400E-08	7.300E-08	µCi/g	RFI-00541		Subsurface soil	(06-08')
BH-24	eu154__r	10/06/93	-3.100E-08	7.400E-08	µCi/g	RFI-00542		Subsurface soil	(12-14')
BH-24	gr_al__r	10/06/93	1.400E-05	6.000E-06	µCi/g	RFI-00540		Subsurface soil	(02-04')
BH-24	gr_al__r	10/06/93	1.700E-05	6.000E-06	µCi/g	RFI-00541		Subsurface soil	(06-08')
BH-24	gr_al__r	10/06/93	1.100E-05	5.000E-06	µCi/g	RFI-00542		Subsurface soil	(12-14')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-24	gr_bt__r	10/06/93	5.600E-05	4.000E-06	µCi/g	RFI-00540		Subsurface soil	(02-04')
BH-24	gr_bt__r	10/06/93	5.000E-05	4.000E-06	µCi/g	RFI-00541		Subsurface soil	(06-08')
BH-24	gr_bt__r	10/06/93	5.600E-05	4.000E-06	µCi/g	RFI-00542		Subsurface soil	(12-14')
BH-24	k40____r	10/06/93	2.100E-05	2.000E-06	µCi/g	RFI-00540		Subsurface soil	(02-04')
BH-24	k40____r	10/06/93	2.100E-05	2.000E-06	µCi/g	RFI-00541		Subsurface soil	(06-08')
BH-24	k40____r	10/06/93	2.000E-05	2.000E-06	µCi/g	RFI-00542		Subsurface soil	(12-14')
BH-24	ra224__r	10/06/93	2.900E-06	5.000E-07	µCi/g	RFI-00540		Subsurface soil	(02-04')
BH-24	ra224__r	10/06/93	2.500E-06	4.000E-07	µCi/g	RFI-00541		Subsurface soil	(06-08')
BH-24	ra224__r	10/06/93	3.000E-06	5.000E-07	µCi/g	RFI-00542		Subsurface soil	(12-14')
BH-24	ra226__r	10/06/93	1.700E-06	6.000E-07	µCi/g	RFI-00540		Subsurface soil	(02-04')
BH-24	ra226__r	10/06/93	1.900E-06	5.000E-07	µCi/g	RFI-00541		Subsurface soil	(06-08')
BH-24	ra226__r	10/06/93	1.900E-06	5.000E-07	µCi/g	RFI-00542		Subsurface soil	(12-14')
BH-24	ru106__r	10/06/93	-6.500E-08	1.880E-07	µCi/g	RFI-00540		Subsurface soil	(02-04')
BH-24	ru106__r	10/06/93	-8.500E-08	1.940E-07	µCi/g	RFI-00541		Subsurface soil	(06-08')
BH-24	ru106__r	10/06/93	-1.200E-07	1.900E-07	µCi/g	RFI-00542		Subsurface soil	(12-14')
BH-24	sb125__r	10/06/93	-1.200E-09	5.360E-08	µCi/g	RFI-00540		Subsurface soil	(02-04')
BH-24	sb125__r	10/06/93	3.900E-08	5.400E-08	µCi/g	RFI-00541		Subsurface soil	(06-08')
BH-24	sb125__r	10/06/93	4.500E-08	5.400E-08	µCi/g	RFI-00542		Subsurface soil	(12-14')
BH-24	sr90___r	10/06/93	2.600E-08	3.700E-08	µCi/g	RFI-00540		Subsurface soil	(02-04')
BH-24	sr90___r	10/06/93	6.700E-08	4.000E-08	µCi/g	RFI-00541		Subsurface soil	(06-08')
BH-24	sr90___r	10/06/93	3.500E-08	4.600E-08	µCi/g	RFI-00542		Subsurface soil	(12-14')
BH-24	zr95___r	10/06/93	-1.700E-08	5.800E-08	µCi/g	RFI-00540		Subsurface soil	(02-04')
BH-24	zr95___r	10/06/93	1.400E-07	6.000E-08	µCi/g	RFI-00541		Subsurface soil	(06-08')
BH-24	zr95___r	10/06/93	7.200E-09	5.630E-08	µCi/g	RFI-00542		Subsurface soil	(12-14')
BH-31	ag110__r	11/08/93	-8.200E-09	2.210E-08	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	ag110__r	11/08/93	1.100E-08	2.500E-08	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	ag110__r	11/08/93	9.400E-09	2.470E-08	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	ag110__r	11/09/93	6.300E-09	2.310E-08	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	am241__r	11/08/93	1.100E-08	1.800E-08	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	am241__r	11/08/93	1.400E-08	1.800E-08	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	am241__r	11/08/93	6.600E-10	6.580E-09	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	am241__r	11/09/93	8.900E-10	8.900E-09	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	be7____r	11/08/93	-2.700E-08	2.060E-07	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	be7____r	11/08/93	1.300E-07	2.300E-07	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	be7____r	11/08/93	-1.100E-07	2.100E-07	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	be7____r	11/09/93	1.900E-07	2.500E-07	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	co60___r	11/08/93	5.500E-09	1.590E-08	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	co60___r	11/08/93	-1.400E-09	1.850E-08	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	co60___r	11/08/93	-4.000E-09	1.800E-08	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	co60___r	11/09/93	-1.600E-08	1.700E-08	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	cs134__r	11/08/93	2.100E-08	1.900E-08	µCi/g	RFI-00865	J	Subsurface soil	(10-12')
BH-31	cs134__r	11/08/93	4.100E-08	2.200E-08	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	cs134__r	11/08/93	3.000E-08	2.000E-08	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	cs134__r	11/09/93	2.700E-08	1.900E-08	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	cs137__r	11/08/93	3.300E-07	3.000E-08	µCi/g	RFI-00865		Subsurface soil	(10-12')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-31	cs137__r	11/08/93	1.000E-08	2.000E-08	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	cs137__r	11/08/93	2.100E-08	2.000E-08	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	cs137__r	11/09/93	7.900E-09	1.750E-08	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	eu154__r	11/08/93	-4.100E-08	6.100E-08	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	eu154__r	11/08/93	3.900E-09	6.230E-08	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	eu154__r	11/08/93	-1.500E-08	6.100E-08	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	eu154__r	11/09/93	-1.300E-08	6.000E-08	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	gr_al__r	11/08/93	1.900E-05	7.000E-06	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	gr_al__r	11/08/93	1.200E-05	6.000E-06	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	gr_al__r	11/08/93	1.400E-05	7.000E-06	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	gr_al__r	11/09/93	1.500E-05	6.000E-06	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	gr_bt__r	11/08/93	6.800E-05	4.000E-06	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	gr_bt__r	11/08/93	4.100E-05	3.000E-06	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	gr_bt__r	11/08/93	4.200E-05	3.000E-06	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	gr_bt__r	11/09/93	4.300E-05	4.000E-06	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	k40____r	11/08/93	1.300E-05	1.000E-06	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	k40____r	11/08/93	1.300E-05	1.000E-06	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	k40____r	11/08/93	1.400E-05	1.000E-06	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	k40____r	11/09/93	1.600E-05	2.000E-06	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	pu238__r	11/08/93	1.300E-10	1.000E-10	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	pu238__r	11/08/93	-2.600E-09	6.800E-09	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	pu238__r	11/08/93	4.600E-10	4.590E-09	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	pu238__r	11/09/93	2.500E-09	6.800E-09	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	pu239__r	11/08/93	7.500E-09	8.400E-09	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	pu239__r	11/08/93	-1.000E-09	6.000E-09	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	pu239__r	11/08/93	2.800E-09	7.500E-09	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	pu239__r	11/09/93	4.200E-10	4.160E-09	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	pu241__r	11/08/93	4.900E-07	9.300E-07	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	pu241__r	11/08/93	-4.400E-07	1.000E-06	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	pu241__r	11/08/93	7.200E-07	9.900E-07	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	pu241__r	11/09/93	4.900E-07	8.900E-07	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	ra224__r	11/08/93	2.700E-06	4.000E-07	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	ra224__r	11/08/93	2.400E-06	4.000E-07	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	ra224__r	11/08/93	2.700E-06	5.000E-07	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	ra224__r	11/09/93	2.700E-06	4.000E-07	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	ra226__r	11/08/93	1.800E-06	4.000E-07	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	ra226__r	11/08/93	1.900E-06	5.000E-07	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	ra226__r	11/08/93	2.000E-06	4.000E-07	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	ra226__r	11/09/93	1.600E-06	4.000E-07	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	ru106__r	11/08/93	-4.200E-08	1.580E-07	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	ru106__r	11/08/93	8.800E-08	1.720E-07	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	ru106__r	11/08/93	-8.400E-08	1.650E-07	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	ru106__r	11/09/93	1.300E-07	1.500E-07	µCi/g	RFI-00868	J	Subsurface soil	(22-24')
BH-31	sb125__r	11/08/93	2.400E-09	4.600E-08	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	sb125__r	11/08/93	-2.600E-08	5.000E-08	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	sb125__r	11/08/93	-1.600E-08	4.800E-08	µCi/g	RFI-00867		Subsurface soil	(16-18')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-31	sb125__r	11/09/93	2.300E-08	4.300E-08	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	sr90___r	11/08/93	1.000E-05	1.000E-06	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	sr90___r	11/08/93	5.700E-07	1.000E-07	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	sr90___r	11/08/93	4.900E-07	9.000E-08	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	sr90___r	11/09/93	1.300E-07	5.000E-08	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	u232___r	11/08/93	2.400E-08	1.600E-08	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	u232___r	11/08/93	3.200E-09	4.100E-09	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	u232___r	11/08/93	-2.300E-09	7.700E-09	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	u232___r	11/09/93	-1.800E-09	8.000E-09	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	u233_34r	11/08/93	1.400E-07	4.000E-08	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	u233_34r	11/08/93	1.400E-07	3.000E-08	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	u233_34r	11/08/93	1.500E-07	3.000E-08	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	u233_34r	11/09/93	1.900E-07	4.000E-08	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	u235___r	11/08/93	4.900E-09	8.200E-09	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	u235___r	11/08/93	8.500E-09	8.500E-09	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	u235___r	11/08/93	4.300E-10	4.290E-09	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	u235___r	11/09/93	3.500E-09	5.800E-09	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	u236___r	11/08/93	5.400E-10	5.440E-09	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	u236___r	11/08/93	4.200E-10	4.160E-09	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	u236___r	11/08/93	4.300E-10	4.290E-09	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	u236___r	11/09/93	3.800E-10	3.840E-09	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	u238___r	11/08/93	1.800E-07	4.000E-08	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	u238___r	11/08/93	1.100E-07	3.000E-08	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	u238___r	11/08/93	1.100E-07	3.000E-08	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	u238___r	11/09/93	1.600E-07	3.000E-08	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-31	zr95___r	11/08/93	1.900E-07	5.000E-08	µCi/g	RFI-00865		Subsurface soil	(10-12')
BH-31	zr95___r	11/08/93	5.800E-08	5.200E-08	µCi/g	RFI-00866		Subsurface soil	(14-16')
BH-31	zr95___r	11/08/93	1.300E-07	6.000E-08	µCi/g	RFI-00867		Subsurface soil	(16-18')
BH-31	zr95___r	11/09/93	8.700E-08	6.000E-08	µCi/g	RFI-00868		Subsurface soil	(22-24')
BH-32	ag110__r	10/31/93	-1.300E-08	2.700E-08	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	ag110__r	10/31/93	-5.900E-09	2.240E-08	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	ag110__r	10/31/93	-9.500E-09	2.060E-08	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	ag110__r	10/31/93	5.300E-09	1.850E-08	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	ag110__r	10/31/93	2.700E-08	2.300E-08	µCi/g	RFI-00720		Subsurface soil	0-2')
BH-32	am241__r	10/31/93	1.200E-09	1.230E-08	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	am241__r	10/31/93	5.100E-09	8.600E-09	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	am241__r	10/31/93	-4.400E-09	1.150E-08	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	am241__r	10/31/93	-5.700E-10	8.820E-09	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	be7____r	10/31/93	3.200E-08	2.450E-07	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	be7____r	10/31/93	1.500E-08	1.980E-07	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	be7____r	10/31/93	3.600E-08	1.940E-07	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	be7____r	10/31/93	9.600E-09	1.690E-07	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	be7____r	10/31/93	3.300E-08	1.980E-07	µCi/g	RFI-00720		Subsurface soil	0-2')
BH-32	co60___r	10/31/93	-1.300E-08	2.000E-08	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	co60___r	10/31/93	-9.000E-09	1.720E-08	µCi/g	RFI-00396		Subsurface soil	(16-18')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-32	co60__r	10/31/93	-1.100E-08	1.600E-08	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	co60__r	10/31/93	-1.500E-09	1.480E-08	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	co60__r	10/31/93	1.100E-08	1.900E-08	µCi/g	RFI-00720		Subsurface soil	0-2')
BH-32	cs134__r	10/31/93	7.000E-08	2.400E-08	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	cs134__r	10/31/93	4.700E-08	2.100E-08	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	cs134__r	10/31/93	4.700E-08	1.900E-08	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	cs134__r	10/31/93	3.600E-08	1.700E-08	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	cs134__r	10/31/93	3.700E-08	2.100E-08	µCi/g	RFI-00720		Subsurface soil	0-2')
BH-32	cs137__r	10/31/93	-1.700E-08	2.100E-08	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	cs137__r	10/31/93	2.800E-08	1.800E-08	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	cs137__r	10/31/93	3.500E-09	1.890E-08	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	cs137__r	10/31/93	-8.400E-09	1.520E-08	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	cs137__r	10/31/93	7.800E-07	8.000E-08	µCi/g	RFI-00720		Subsurface soil	0-2')
BH-32	eu154__r	10/31/93	4.800E-08	7.000E-08	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	eu154__r	10/31/93	-4.400E-08	5.600E-08	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	eu154__r	10/31/93	1.500E-08	5.700E-08	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	eu154__r	10/31/93	-1.800E-08	4.900E-08	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	eu154__r	10/31/93	-1.400E-08	6.300E-08	µCi/g	RFI-00720		Subsurface soil	0-2')
BH-32	gr_al__r	10/31/93	1.000E-05	5.000E-06	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	gr_al__r	10/31/93	9.900E-06	5.200E-06	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	gr_al__r	10/31/93	5.900E-06	4.400E-06	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	gr_al__r	10/31/93	1.300E-05	6.000E-06	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	gr_al__r	10/31/93	8.400E-06	5.000E-06	µCi/g	RFI-00720		Subsurface soil	0-2')
BH-32	gr_bt__r	10/31/93	3.400E-05	3.000E-06	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	gr_bt__r	10/31/93	4.000E-05	3.000E-06	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	gr_bt__r	10/31/93	4.000E-05	3.000E-06	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	gr_bt__r	10/31/93	5.300E-05	4.000E-06	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	gr_bt__r	10/31/93	3.600E-05	3.000E-06	µCi/g	RFI-00720		Subsurface soil	0-2')
BH-32	k40____r	10/31/93	1.100E-05	1.000E-06	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	k40____r	10/31/93	1.100E-05	1.000E-06	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	k40____r	10/31/93	1.300E-05	1.000E-06	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	k40____r	10/31/93	1.600E-05	2.000E-06	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	k40____r	10/31/93	1.300E-05	1.000E-06	µCi/g	RFI-00720		Subsurface soil	0-2')
BH-32	pu238__r	10/31/93	4.300E-10	4.290E-09	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	pu238__r	10/31/93	3.800E-10	3.850E-09	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	pu238__r	10/31/93	4.000E-10	3.980E-09	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	pu238__r	10/31/93	5.600E-10	5.590E-09	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	pu239__r	10/31/93	4.300E-10	4.290E-09	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	pu239__r	10/31/93	-1.900E-09	5.000E-09	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	pu239__r	10/31/93	2.000E-09	5.100E-09	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	pu239__r	10/31/93	5.600E-10	5.590E-09	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	pu241__r	10/31/93	5.900E-07	8.500E-07	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	pu241__r	10/31/93	0.000E+00	8.700E-07	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	pu241__r	10/31/93	-1.500E-07	7.200E-07	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	pu241__r	10/31/93	-1.000E-06	1.200E-06	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	ra224__r	10/31/93	2.100E-06	6.000E-07	µCi/g	RFI-00395		Subsurface soil	(14-16')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-32	ra224__r	10/31/93	1.400E-05	1.000E-06	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	ra224__r	10/31/93	2.500E-06	4.000E-07	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	ra224__r	10/31/93	2.800E-06	3.000E-07	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	ra224__r	10/31/93	1.200E-05	1.000E-06	µCi/g	RFI-00720		Subsurface soil	0-2')
BH-32	ra226__r	10/31/93	2.100E-06	7.000E-07	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	ra226__r	10/31/93	1.100E-06	4.000E-07	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	ra226__r	10/31/93	1.200E-06	4.000E-07	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	ra226__r	10/31/93	1.500E-06	4.000E-07	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	ra226__r	10/31/93	1.300E-06	4.000E-07	µCi/g	RFI-00720		Subsurface soil	0-2')
BH-32	ru106__r	10/31/93	-1.200E-07	1.900E-07	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	ru106__r	10/31/93	-4.700E-08	1.570E-07	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	ru106__r	10/31/93	-5.300E-08	1.480E-07	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	ru106__r	10/31/93	1.300E-07	1.300E-07	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	ru106__r	10/31/93	-2.400E-08	1.690E-07	µCi/g	RFI-00720		Subsurface soil	0-2')
BH-32	sb125__r	10/31/93	-4.000E-08	5.700E-08	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	sb125__r	10/31/93	1.600E-08	4.600E-08	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	sb125__r	10/31/93	-2.500E-08	4.300E-08	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	sb125__r	10/31/93	7.600E-09	3.920E-08	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	sb125__r	10/31/93	5.500E-09	5.380E-08	µCi/g	RFI-00720		Subsurface soil	0-2')
BH-32	sr90___r	10/31/93	7.000E-08	7.300E-08	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	sr90___r	10/31/93	2.700E-08	3.000E-08	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	sr90___r	10/31/93	7.900E-08	4.000E-08	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	sr90___r	10/31/93	5.800E-07	8.000E-08	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	sr90___r	10/31/93	1.100E-07	5.000E-08	µCi/g	RFI-00720		Subsurface soil	0-2')
BH-32	u232___r	10/31/93	3.300E-09	8.800E-09	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	u232___r	10/31/93	1.800E-09	9.100E-09	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	u232___r	10/31/93	-1.600E-09	1.900E-09	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	u232___r	10/31/93	5.000E-09	9.500E-09	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	u233_34r	10/31/93	1.300E-07	3.000E-08	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	u233_34r	10/31/93	8.200E-08	2.400E-08	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	u233_34r	10/31/93	5.000E-08	1.900E-08	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	u233_34r	10/31/93	1.400E-07	3.000E-08	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	u235___r	10/31/93	4.500E-09	7.600E-09	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	u235___r	10/31/93	4.000E-10	4.000E-09	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	u235___r	10/31/93	4.400E-10	4.400E-09	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	u235___r	10/31/93	3.300E-09	5.600E-09	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	u236___r	10/31/93	5.000E-10	5.000E-09	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	u236___r	10/31/93	4.000E-10	4.000E-09	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	u236___r	10/31/93	4.400E-10	4.400E-09	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	u236___r	10/31/93	3.700E-10	3.700E-09	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	u238___r	10/31/93	8.600E-08	2.700E-08	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	u238___r	10/31/93	8.000E-08	2.400E-08	µCi/g	RFI-00396		Subsurface soil	(16-18')
BH-32	u238___r	10/31/93	2.500E-08	1.400E-08	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	u238___r	10/31/93	9.600E-08	2.500E-08	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	zr95___r	10/31/93	3.000E-08	5.800E-08	µCi/g	RFI-00395		Subsurface soil	(14-16')
BH-32	zr95___r	10/31/93	3.100E-08	4.600E-08	µCi/g	RFI-00396		Subsurface soil	(16-18')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-32	zr95__r	10/31/93	-3.000E-08	4.400E-08	µCi/g	RFI-00849		Subsurface soil	(18-20')
BH-32	zr95__r	10/31/93	6.000E-08	4.000E-08	µCi/g	RFI-00850		Subsurface soil	(22-24')
BH-32	zr95__r	10/31/93	-6.300E-09	4.070E-08	µCi/g	RFI-00720		Subsurface soil	0-2')
BH-34	ag110__r	10/28/93	5.200E-09	2.190E-08	µCi/g	RFI-00718		Subsurface soil	(00-02')
BH-34	ag110__r	10/28/93	2.300E-08	2.600E-08	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	ag110__r	10/28/93	1.300E-08	1.700E-08	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	ag110__r	10/28/93	8.700E-09	4.000E-08	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	am241__r	10/28/93	7.200E-10	7.250E-09	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	am241__r	10/28/93	9.800E-10	9.820E-09	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	am241__r	10/28/93	1.100E-09	1.110E-08	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	be7___r	10/28/93	3.300E-08	1.790E-07	µCi/g	RFI-00718		Subsurface soil	(00-02')
BH-34	be7___r	10/28/93	1.100E-07	2.000E-07	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	be7___r	10/28/93	6.900E-08	1.410E-07	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	be7___r	10/28/93	-1.000E-08	3.450E-07	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	co60__r	10/28/93	1.100E-08	1.900E-08	µCi/g	RFI-00718		Subsurface soil	(00-02')
BH-34	co60__r	10/28/93	-1.900E-09	2.050E-08	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	co60__r	10/28/93	-4.600E-09	1.230E-08	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	co60__r	10/28/93	-1.800E-09	2.920E-08	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	cs134__r	10/28/93	3.000E-08	1.900E-08	µCi/g	RFI-00718		Subsurface soil	(00-02')
BH-34	cs134__r	10/28/93	6.700E-08	2.300E-08	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	cs134__r	10/28/93	3.600E-08	1.500E-08	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	cs134__r	10/28/93	4.900E-08	3.300E-08	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	cs137__r	10/28/93	7.700E-08	5.000E-09	µCi/g	RFI-00718		Subsurface soil	(00-02')
BH-34	cs137__r	10/28/93	8.400E-09	2.040E-08	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	cs137__r	10/28/93	2.100E-08	1.400E-08	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	cs137__r	10/28/93	2.200E-09	2.860E-08	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	eu154__r	10/28/93	3.900E-08	6.500E-08	µCi/g	RFI-00718		Subsurface soil	(00-02')
BH-34	eu154__r	10/28/93	-3.600E-08	7.100E-08	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	eu154__r	10/28/93	-1.200E-09	4.710E-08	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	eu154__r	10/28/93	0.000E+00	1.100E-07	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	gr_al__r	10/28/93	9.900E-06	5.200E-06	µCi/g	RFI-00718		Subsurface soil	(00-02')
BH-34	gr_al__r	10/28/93	1.400E-05	6.000E-06	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	gr_al__r	10/28/93	1.100E-05	6.000E-06	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	gr_al__r	10/28/93	1.100E-05	5.000E-06	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	gr_bt__r	10/28/93	2.600E-05	3.000E-06	µCi/g	RFI-00718		Subsurface soil	(00-02')
BH-34	gr_bt__r	10/28/93	3.800E-05	3.000E-06	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	gr_bt__r	10/28/93	3.600E-05	3.000E-06	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	gr_bt__r	10/28/93	4.900E-05	4.000E-06	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	k40___r	10/28/93	1.300E-05	1.000E-06	µCi/g	RFI-00718		Subsurface soil	(00-02')
BH-34	k40___r	10/28/93	1.200E-05	1.000E-06	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	k40___r	10/28/93	1.400E-05	1.000E-06	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	k40___r	10/28/93	1.800E-05	2.000E-06	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	pu238__r	10/28/93	9.500E-10	9.520E-09	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	pu238__r	10/28/93	2.500E-09	6.300E-09	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	pu238__r	10/28/93	4.200E-10	4.220E-09	µCi/g	RFI-00390		Subsurface soil	(12-14')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-34	pu239__r	10/28/93	4.800E-09	1.220E-08	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	pu239__r	10/28/93	-2.500E-09	6.500E-09	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	pu239__r	10/28/93	-2.100E-09	5.500E-09	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	pu241__r	10/28/93	5.200E-07	2.140E-06	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	pu241__r	10/28/93	-2.400E-08	1.420E-06	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	pu241__r	10/28/93	3.900E-07	1.170E-06	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	ra224__r	10/28/93	3.000E-06	5.000E-07	µCi/g	RFI-00718		Subsurface soil	(00-02')
BH-34	ra224__r	10/28/93	3.400E-06	5.000E-07	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	ra224__r	10/28/93	-3.600E-06	4.000E-07	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	ra224__r	10/28/93	3.200E-06	7.000E-07	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	ra226__r	10/28/93	2.000E-06	4.000E-07	µCi/g	RFI-00718		Subsurface soil	(00-02')
BH-34	ra226__r	10/28/93	1.800E-06	5.000E-07	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	ra226__r	10/28/93	1.400E-06	3.000E-07	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	ra226__r	10/28/93	1.300E-06	6.000E-07	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	ru106__r	10/28/93	-1.800E-08	1.600E-07	µCi/g	RFI-00718		Subsurface soil	(00-02')
BH-34	ru106__r	10/28/93	1.700E-07	1.700E-07	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	ru106__r	10/28/93	-7.300E-08	1.240E-07	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	ru106__r	10/28/93	-2.000E-07	2.600E-07	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	sb125__r	10/28/93	-1.000E-08	5.100E-08	µCi/g	RFI-00718		Subsurface soil	(00-02')
BH-34	sb125__r	10/28/93	3.400E-09	4.860E-08	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	sb125__r	10/28/93	2.100E-08	3.600E-08	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	sb125__r	10/28/93	-2.700E-08	7.900E-08	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	sr90___r	10/28/93	2.200E-07	7.000E-08	µCi/g	RFI-00718		Subsurface soil	(00-02')
BH-34	sr90___r	10/28/93	1.700E-08	4.000E-08	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	sr90___r	10/28/93	7.800E-08	3.900E-08	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	sr90___r	10/28/93	3.000E-08	4.800E-08	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	u232___r	10/28/93	-2.900E-09	5.200E-09	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	u232___r	10/28/93	-3.700E-10	1.100E-08	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	u232___r	10/28/93	4.300E-10	8.920E-09	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	u233_34r	10/28/93	1.700E-07	3.000E-08	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	u233_34r	10/28/93	1.600E-07	3.000E-08	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	u233_34r	10/28/93	1.300E-07	3.000E-08	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	u235___r	10/28/93	7.600E-09	7.400E-09	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	u235___r	10/28/93	1.800E-09	4.700E-09	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	u235___r	10/28/93	4.600E-09	7.700E-09	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	u236___r	10/28/93	3.600E-10	3.610E-09	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	u236___r	10/28/93	1.800E-09	4.700E-09	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	u236___r	10/28/93	5.100E-10	5.080E-09	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	u238___r	10/28/93	1.600E-07	3.000E-08	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	u238___r	10/28/93	9.400E-08	2.400E-08	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	u238___r	10/28/93	1.100E-07	3.000E-08	µCi/g	RFI-00390		Subsurface soil	(12-14')
BH-34	zr95___r	10/28/93	1.600E-07	5.000E-08	µCi/g	RFI-00718		Subsurface soil	(00-02')
BH-34	zr95___r	10/28/93	5.500E-08	5.100E-08	µCi/g	RFI-00388		Subsurface soil	(08-10')
BH-34	zr95___r	10/28/93	2.000E-07	4.000E-08	µCi/g	RFI-00389		Subsurface soil	(10-12')
BH-34	zr95___r	10/28/93	1.200E-08	8.200E-08	µCi/g	RFI-00390		Subsurface soil	(12-14')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-38	ag110__r	10/26/93	-2.600E-09	2.070E-08	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	ag110__r	10/26/93	-1.500E-08	3.200E-08	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	ag110__r	10/26/93	-8.700E-09	2.930E-08	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	am241__r	10/26/93	3.700E-07	8.000E-08	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	am241__r	10/26/93	7.700E-10	7.730E-09	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	am241__r	10/26/93	8.200E-10	8.190E-09	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	be7____r	10/26/93	-1.000E-07	3.600E-07	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	be7____r	10/26/93	8.300E-08	2.290E-07	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	be7____r	10/26/93	3.300E-08	2.110E-07	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	co60___r	10/26/93	9.500E-08	3.200E-08	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	co60___r	10/26/93	1.000E-08	2.500E-08	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	co60___r	10/26/93	0.000E+00	2.500E-08	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	cs134__r	10/26/93	2.900E-08	1.800E-08	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	cs134__r	10/26/93	3.800E-08	2.800E-08	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	cs134__r	10/26/93	2.700E-08	2.600E-08	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	cs137__r	10/26/93	1.100E-05	1.000E-06	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	cs137__r	10/26/93	1.300E-08	2.700E-08	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	cs137__r	10/26/93	2.300E-08	2.400E-08	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	eu154__r	10/26/93	5.500E-08	6.600E-08	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	eu154__r	10/26/93	3.200E-08	9.500E-08	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	eu154__r	10/26/93	0.000E+00	8.400E-08	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	gr_al__r	10/26/93	4.800E-06	4.700E-06	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	gr_al__r	10/26/93	1.300E-05	6.000E-06	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	gr_al__r	10/26/93	1.400E-05	6.000E-06	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	gr_bt__r	10/26/93	7.100E-05	4.000E-06	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	gr_bt__r	10/26/93	6.100E-05	4.000E-06	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	gr_bt__r	10/26/93	5.500E-05	4.000E-06	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	k40____r	10/26/93	1.000E-05	1.000E-06	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	k40____r	10/26/93	2.000E-05	2.000E-06	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	k40____r	10/26/93	2.400E-05	2.000E-06	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	pu238__r	10/26/93	3.600E-08	1.900E-08	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	pu238__r	10/26/93	5.500E-09	7.300E-09	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	pu238__r	10/26/93	1.800E-09	1.830E-08	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	pu239__r	10/26/93	1.600E-07	4.000E-08	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	pu239__r	10/26/93	4.300E-10	4.250E-09	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	pu239__r	10/26/93	1.800E-09	1.830E-08	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	pu241__r	10/26/93	2.100E-06	1.500E-06	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	pu241__r	10/26/93	6.400E-07	9.800E-07	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	pu241__r	10/26/93	-1.400E-06	5.300E-06	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	ra224__r	10/26/93	2.300E-06	7.000E-07	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	ra224__r	10/26/93	3.500E-06	7.000E-07	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	ra224__r	10/26/93	3.900E-06	7.000E-07	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	ra226__r	10/26/93	1.600E-06	7.000E-07	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	ra226__r	10/26/93	2.200E-06	6.000E-07	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	ra226__r	10/26/93	2.200E-06	6.000E-07	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	ra228__r	10/26/93	7.700E-07	1.300E-07	µCi/g	RFI-00300		Subsurface soil	(00-02')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-38	ra228__r	10/26/93	1.300E-06	2.000E-07	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	ra228__r	10/26/93	1.300E-06	2.000E-07	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	ru106__r	10/26/93	7.200E-08	2.310E-07	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	ru106__r	10/26/93	-1.200E-07	2.000E-07	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	ru106__r	10/26/93	-1.700E-07	2.000E-07	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	sb125__r	10/26/93	3.200E-08	1.000E-07	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	sb125__r	10/26/93	6.900E-08	6.400E-08	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	sb125__r	10/26/93	3.100E-08	6.100E-08	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	sr90___r	10/26/93	8.200E-07	8.000E-08	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	sr90___r	10/26/93	2.500E-08	2.900E-08	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	sr90___r	10/26/93	2.500E-08	2.700E-08	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	th230__r	10/26/93	2.000E-07	4.000E-08	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	th230__r	10/26/93	3.700E-07	6.000E-08	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	th230__r	10/26/93	3.300E-07	5.000E-08	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	th232__r	10/26/93	1.800E-07	4.000E-08	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	th232__r	10/26/93	4.300E-07	7.000E-08	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	th232__r	10/26/93	4.200E-07	6.000E-08	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	th234__r	10/26/93	1.600E-07	4.500E-07	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	th234__r	10/26/93	2.000E-07	5.200E-07	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	th234__r	10/26/93	2.000E-06	5.000E-07	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	u232___r	10/26/93	-3.600E-10	5.540E-09	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	u232___r	10/26/93	1.200E-08	2.400E-08	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	u232___r	10/26/93	4.400E-10	4.370E-09	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	u233_34r	10/26/93	1.900E-07	4.000E-08	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	u233_34r	10/26/93	1.300E-07	3.000E-08	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	u233_34r	10/26/93	1.700E-07	3.000E-08	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	u235___r	10/26/93	1.000E-08	8.000E-09	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	u235___r	10/26/93	7.200E-09	8.000E-09	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	u235___r	10/26/93	1.100E-08	9.000E-09	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	u236___r	10/26/93	3.600E-10	3.620E-09	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	u236___r	10/26/93	4.200E-10	4.240E-09	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	u236___r	10/26/93	3.700E-10	3.720E-09	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	u238___r	10/26/93	1.100E-07	3.000E-08	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	u238___r	10/26/93	1.000E-07	3.000E-08	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	u238___r	10/26/93	1.300E-07	3.000E-08	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	u_t_actr	10/26/93	3.100E-07	5.000E-08	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	u_t_actr	10/26/93	2.400E-07	4.000E-08	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	u_t_actr	10/26/93	3.100E-07	4.000E-08	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-38	zr95___r	10/26/93	5.900E-08	4.100E-08	µCi/g	RFI-00300		Subsurface soil	(00-02')
BH-38	zr95___r	10/26/93	3.200E-08	5.500E-08	µCi/g	RFI-00397		Subsurface soil	(12-14')
BH-38	zr95___r	10/26/93	9.600E-09	5.400E-08	µCi/g	RFI-00398		Subsurface soil	(26-28')
BH-39	ag110__r	10/14/93	1.400E-09	3.020E-08	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	ag110__r	10/14/93	1.500E-08	2.500E-08	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	ag110__r	10/14/93	7.900E-09	2.600E-08	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	am241__r	10/14/93	8.100E-09	1.360E-08	µCi/g	RFI-00296		Subsurface soil	(00-02')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-39	am241__r	10/14/93	9.600E-09	1.070E-08	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	am241__r	10/14/93	6.500E-10	6.470E-09	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	be7____r	10/14/93	3.900E-08	2.720E-07	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	be7____r	10/14/93	4.100E-08	1.930E-07	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	be7____r	10/14/93	1.700E-07	2.000E-07	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	co60___r	10/14/93	-1.600E-08	2.600E-08	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	co60___r	10/14/93	1.400E-08	2.100E-08	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	co60___r	10/14/93	8.000E-09	1.940E-08	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	cs134__r	10/14/93	3.700E-08	3.000E-08	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	cs134__r	10/14/93	3.600E-08	2.200E-08	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	cs134__r	10/14/93	4.500E-08	2.300E-08	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	cs137__r	10/14/93	2.100E-08	2.800E-08	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	cs137__r	10/14/93	8.800E-09	2.060E-08	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	cs137__r	10/14/93	-3.900E-09	2.190E-08	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	eu154__r	10/14/93	-3.300E-08	8.400E-08	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	eu154__r	10/14/93	0.000E+00	6.900E-08	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	eu154__r	10/14/93	1.600E-08	6.900E-08	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	gr_al__r	10/14/93	1.500E-05	5.000E-06	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	gr_al__r	10/14/93	1.500E-05	5.000E-06	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	gr_al__r	10/14/93	1.400E-05	5.000E-06	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	gr_bt__r	10/14/93	3.300E-05	3.000E-06	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	gr_bt__r	10/14/93	4.800E-05	4.000E-06	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	gr_bt__r	10/14/93	4.700E-05	3.000E-06	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	k40____r	10/14/93	1.500E-05	1.000E-06	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	k40____r	10/14/93	1.900E-05	2.000E-06	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	k40____r	10/14/93	1.900E-05	2.000E-06	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	pu238__r	10/14/93	-3.100E-09	1.800E-08	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	pu238__r	10/14/93	2.100E-09	5.400E-09	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	pu238__r	10/14/93	7.000E-10	6.980E-09	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	pu239__r	10/14/93	1.500E-09	1.540E-08	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	pu239__r	10/14/93	2.100E-09	5.400E-09	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	pu239__r	10/14/93	7.000E-10	6.980E-09	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	pu241__r	10/14/93	5.200E-06	4.100E-06	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	pu241__r	10/14/93	5.500E-07	8.800E-07	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	pu241__r	10/14/93	1.000E-06	1.400E-06	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	ra224__r	10/14/93	1.600E-06	8.000E-07	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	ra224__r	10/14/93	1.600E-05	2.000E-06	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	ra224__r	10/14/93	2.600E-06	5.000E-07	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	ra226__r	10/14/93	1.600E-06	8.000E-07	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	ra226__r	10/14/93	1.600E-06	5.000E-07	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	ra226__r	10/14/93	1.500E-06	5.000E-07	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	ra228__r	10/14/93	1.100E-06	2.000E-07	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	ra228__r	10/14/93	1.300E-06	1.000E-07	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	ra228__r	10/14/93	1.200E-06	1.000E-07	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	ru106__r	10/14/93	-1.300E-07	2.300E-07	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	ru106__r	10/14/93	-4.000E-08	1.770E-07	µCi/g	RFI-00297		Subsurface soil	(06-10')

LWTS Borehole Radiological Data

Location	Parameter	Samp_Date	Result	Uncertainty	Units	Sample_ID	QA_Flags	Matrix	Depth
BH-39	ru106__r	10/14/93	-1.000E-07	1.800E-07	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	sb125__r	10/14/93	-1.100E-08	7.000E-08	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	sb125__r	10/14/93	2.300E-08	5.200E-08	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	sb125__r	10/14/93	2.200E-08	5.200E-08	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	sr90___r	10/14/93	8.000E-08	4.600E-08	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	sr90___r	10/14/93	2.600E-08	3.500E-08	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	sr90___r	10/14/93	5.200E-08	6.000E-08	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	th230__r	10/14/93	1.300E-07	4.000E-08	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	th230__r	10/14/93	3.200E-07	6.000E-08	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	th230__r	10/14/93	3.000E-07	4.000E-08	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	th232__r	10/14/93	2.000E-07	5.000E-08	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	th232__r	10/14/93	4.600E-07	7.000E-08	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	th232__r	10/14/93	4.100E-07	5.000E-08	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	th234__r	10/14/93	4.600E-07	8.800E-07	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	th234__r	10/14/93	1.100E-07	3.700E-07	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	th234__r	10/14/93	9.000E-08	4.050E-07	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	u232___r	10/14/93	-4.200E-09	1.050E-08	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	u232___r	10/14/93	3.000E-09	1.120E-08	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	u232___r	10/14/93	1.400E-09	9.200E-09	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	u233_34r	10/14/93	1.900E-07	4.000E-08	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	u233_34r	10/14/93	1.500E-07	5.000E-08	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	u233_34r	10/14/93	1.600E-07	3.000E-08	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	u235___r	10/14/93	4.800E-09	8.100E-09	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	u235___r	10/14/93	8.300E-10	8.320E-09	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	u235___r	10/14/93	3.200E-09	5.400E-09	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	u236___r	10/14/93	5.300E-10	5.350E-09	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	u236___r	10/14/93	8.300E-10	8.320E-09	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	u236___r	10/14/93	3.600E-10	3.560E-09	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	u238___r	10/14/93	6.700E-08	2.500E-08	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	u238___r	10/14/93	7.900E-08	3.500E-08	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	u238___r	10/14/93	1.400E-07	3.000E-08	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	u_t_actr	10/14/93	2.600E-07	5.000E-08	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	u_t_actr	10/14/93	2.300E-07	6.000E-08	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	u_t_actr	10/14/93	3.000E-07	4.000E-08	µCi/g	RFI-00298		Subsurface soil	(18-20')
BH-39	zr95___r	10/14/93	-2.200E-09	6.040E-08	µCi/g	RFI-00296		Subsurface soil	(00-02')
BH-39	zr95___r	10/14/93	2.100E-09	4.860E-08	µCi/g	RFI-00297		Subsurface soil	(06-10')
BH-39	zr95___r	10/14/93	3.600E-09	4.790E-08	µCi/g	RFI-00298		Subsurface soil	(18-20')

Appendix D

Monitoring Well Boring Logs and Construction Diagrams

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SHEET 1 OF: 1 DATE STARTED: 12/12/89 DATE FINISHED: 12/13/89 DRILLER: Empire Soils Inv. Hamburg, New York INSPECTOR: JTB	BORING LOG DAMES & MOORE	HOLE/WELL NO.: *0301 SURFACE ELEVATION: 1,416.13 NORTHING 892,558.93 EASTING 480,551.54
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023		LOCATION: SW OF CSS SSWMU Locale: 3

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0 / 6	6 / 12	12 / 18	18 / 24	LITHOLOGY	DESCRIPTION / NOTES
								Moist, brown, SILT, some fine to medium subangular gravel, little sand, trace clay, orange and green mottling. (GM)
5								Moist, light to dark brown, silty SAND and fine to coarse GRAVEL, trace clay. (GM) Saturated, brown. (GM)
	24/8	SS-1	16	16	15	13		Saturated,brown, fine to coarse subangular GRAVEL, little fine to coarse sand, trace silt. (GM)
10								Some silt. (GM/ML) Saturated, brown, silty SAND and fine to coarse GRAVEL, little subangular shale fragments. (GP/ML)
15	24/6	SS-2	11	200				Saturated, brown, fine to coarse subangular GRAVEL and fine to medium SAND, little silt. (GW) Two-inch fossil fragment in end of spoon (brachiopod).
								Saturated, brown, SILT, little fine sand, trace clay and fine subangular gravel. Weathered till. (ML)
20								Augered to 17.0 ft. Sampled 8-10 ft. and 14-16 ft. See log 0302 for complete sampling details. The water level at completion of well installation was 8.75 ft. b.g.s.. No radiation detected above background by R/S.
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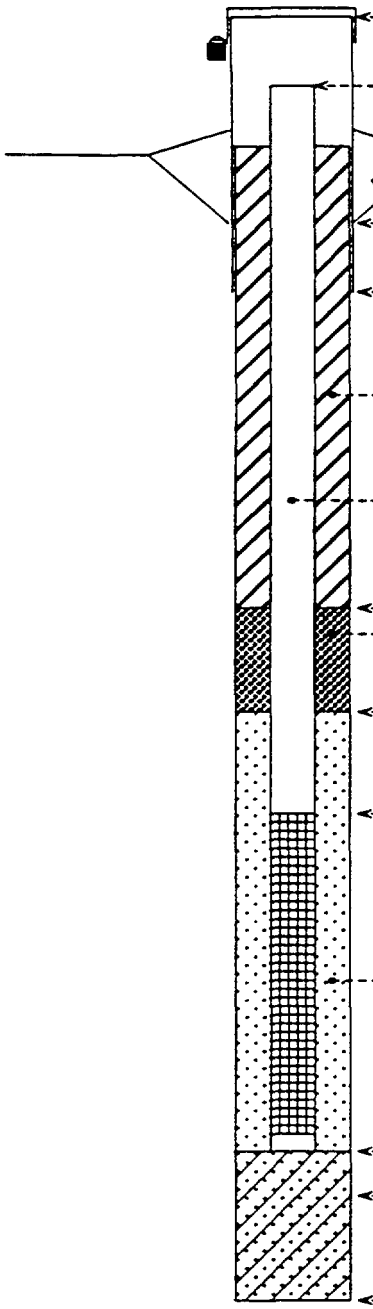
CLASSIFICATION: VISUAL (Modified Burmister),USCS

METHOD OF SAMPLING: ASTM D1586-84
SEE 0302 FOR COMPLETE DESCRIPTION

SHEET 1 OF 1		Dames & Moore Overburden Well Construction	HOLE/WELL NO.:	0301
DATE STARTED:	12/12/89		SURFACE ELEVATION:	1,418.13
DATE FINISHED:	12/13/89			
DRILLER:	Empire Soils Inv. Hamburg, New York		NORTHING:	892,558.93
FIELD GEOLOGIST:	JTB		EASTING:	480,551.54
PROJECT:	WVDP DOE/RCRA wells		LOCATION:	SW OF CSS
JOB NUMBER:	10805-410-023		SSWMU Locale:	3



Top of outer casing elevation: 1,418.31 feet MSL
Outer casing stick-up: 2.18 feet
Top of riser elevation: 1,418.18 feet MSL
Riser pipe stick-up: 2.05 feet
Ground surface elevation: 1,418.13 feet MSL
Type of surface seal: QUICKRETE
Depth of surface seal: 3.00 inches

Depth of outer casing: 2.82 feet
I.D. of outer casing: 6 inches
Type of outer casing: STEEL
Type of backfill: CEMENT/BENTONITE
Volume of backfill: 0.72 cu.ft.
Borehole diameter: 8 inches
Type of riser: 304 S.S. FLUSHJOINT, SCH.5
Section lengths (from base) 1-5' + 1-3'
I.D. of riser pipe: 2 inches
Depth of seal: 3.0 feet
Type of seal: BENTONITE PELLETS (1/4" DIA.)
Volume of seal: .804 cu.ft.
Depth of sand pack: 5 feet

Depth of top of screen: 6 feet
Screen: S.S. JOHNSON CHANNEL PACK, 10 SLOT
Section lengths (from base) 1-10'
I.D. of screen: 2 inches

Type of sand pack: OTTAWA FLINTSHOT 3.0
Volume of sand pack: 4.04 cu.ft.

Depth to bottom of screen with attached 5 inch sump: 16.42 feet
Depth of bottom of sand pack: 17 feet
Backfill:
(May or may not be present)
Depth of borehole: 17 feet

SHEET 1 OF: 1 DATE STARTED: 11/8/89 DATE FINISHED: 11/8/89 DRILLER: Empire Soils Inv. Hamburg, New York INSPECTOR: FJC	BORING LOG DAMES & MOORE	HOLE/WELL NO.: 0401 SURFACE ELEVATION: 1,416.79 NORTHING 892,674.32 EASTING 480,501.55
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023		LOCATION: EAST OF TRAILER J SSWMU Locale: 4

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0 / 6	6 / 12	12 / 18	18 / 24	LITHOLOGY	DESCRIPTION / NOTES
	24/18	SS-1	4	11	13	11		Medium brown, silty GRAVEL and SAND. (GP)
	24/5	SS-2	12	26	21	26		
5	24/16	SS-3	10	16	12	13		
	24/19	SS-4	8	11	11	17		Medium brown, SAND and GRAVEL, some silt. (SM)
	24/13	SS-5	5	13	21	16		
10	24/17	SS-6	4	14	21	27		
	24/19	SS-7	9	19	25	25		
15	24/17	SS-8	8	15	17	22		Medium brown, clayey SILT, trace gravel and sand. (ML)
	24/17	SS-9	16	14	28	32		Moist, medium brown to dark gray, SILT, some clay, trace gravel, trace sand. (ML)
20								Augered to 16 ft. Sampled to 18 ft. The water level was measured at 6.8 ft. b.g.s.- While the bottom of the augers were 16.0 ft. b.g.s.. No radiation detected above background by R/S.
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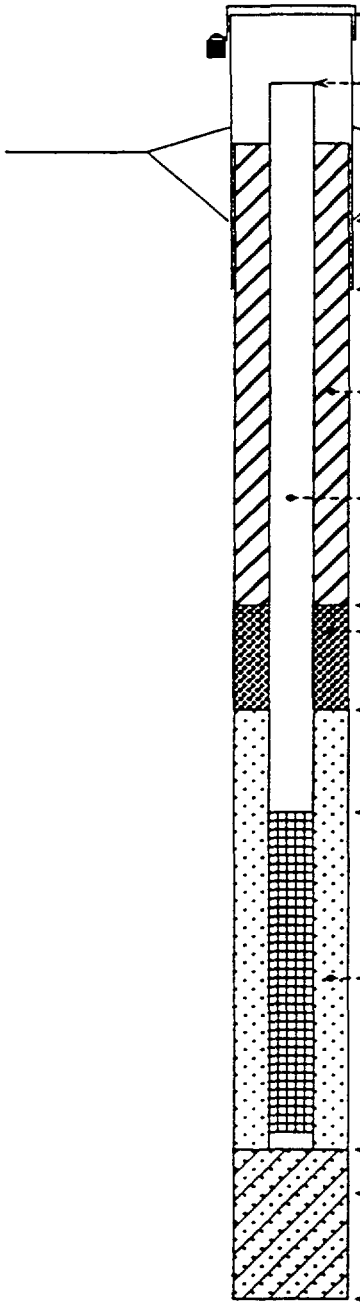
CLASSIFICATION: VISUAL (Modified Burmister),USCS

METHOD OF SAMPLING: ASTM D1586-84

SHEET 1 OF 1		Dames & Moore Overburden Well Construction	HOLE/WELL NO.:	0401
DATE STARTED:	11/8/89		SURFACE ELEVATION:	1,416.79
DATE FINISHED:	11/8/89			
DRILLER:	Empire Soils Inv. Hamburg, New York		NORTHING:	892,674.32
FIELD GEOLOGIST:	FJC		EASTING:	480,501.55
PROJECT:	WVDP DOE/RCRA wells		LOCATION:	EAST OF TRAILER J
JOB NUMBER:	10805-410-023		SSWMU Locale:	4



Top of outer casing elevation: 1,420.62 feet MSL
Outer casing stick-up: 2.2 feet
Top of riser elevation: 1,418.42 feet MSL
Riser pipe stick-up: 1.63 feet
Ground surface elevation: 1,416.79 feet MSL
Type of surface seal: quickrete
Depth of surface seal: 4 inches

Depth of outer casing: 2.8 feet
I.D. of outer casing: 6 inches
Type of outer casing: steel
Type of backfill: cement-bentonite
Volume of backfill: 1.5 cu.ft.
Borehole diameter: 8 inches
Type of riser: 304 s.s. flushjoint, sch.5
Section lengths (from base) 1-5', 1-3'
I.D. of riser pipe: 2 inches
Depth of seal: 2 feet
Type of seal: bentonite pellets (1/4" dia)
Volume of seal: 0.7 cu.ft.
Depth of sand pack: 4 feet

Depth of top of screen: 6 feet
Screen: S.S. Johnson Channel Pack, 10 slot
Section lengths (from base) 1-10'
I.D. of screen: 2 inches

Type of sand pack: Ottawa flintshot 3.0 (fine)
Volume of sand pack: 3.0 cu.ft.

Depth to bottom of screen with attached 5 inch sump: 16.42 feet
Depth of bottom of sand pack: 16.42 feet
Backfill:
(May or may not be present)
Depth of borehole: 17 feet

SHEET 1 OF: 1 DATE STARTED: 1/19/90 DATE FINISHED: 1/23/90 DRILLER: Empire Soils Inv. Hamburg, New York INSPECTOR: FJC	BORING LOG DAMES & MOORE	HOLE/WELL NO.: 0706 SURFACE ELEVATION: 1,406.81 NORTHING 893,478.76 EASTING 480,245.61
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023		LOCATION: S. CPC STORAGE AREA SSWMU Locale: 7

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0 / 6	6 / 12	12 / 18	18 / 24	LITHOLOGY	DESCRIPTION / NOTES
								Grass, organic, TOPSOIL. (OL)
								Dry, reddish-brown, SILT and fine to medium GRAVEL, little fine sand, trace clay, green mottling. (GM)
5								Moist, reddish-brown, silty GRAVEL to SILT and GRAVEL, little fine sand, trace clay, mottled, loose. (GM)
								Moist, brown, SILT, trace to little subangular gravel, trace sand, mottled. (GM/ML)
10								Moist, brown, SILT, little clay, trace fine to medium subangular gravel, trace fine sand. (ML)
								Moist to wet, gray, SILT and CLAY, trace fine to medium subangular gravel. (CL)
15								AUGERED TO 13.0 FT. NO SAMPLES TAKEN - DESCRIPTION FROM 0701US THE WATER LEVEL WAS MEASURED AT 6.2 FT.B.G.S.- WHILE THE BOTTOM OF THE AUGERS WERE 13.0 FT. B.G.S.. NO RADIATON WAS DETECTED ABOVE BACKGROUND BY R/S
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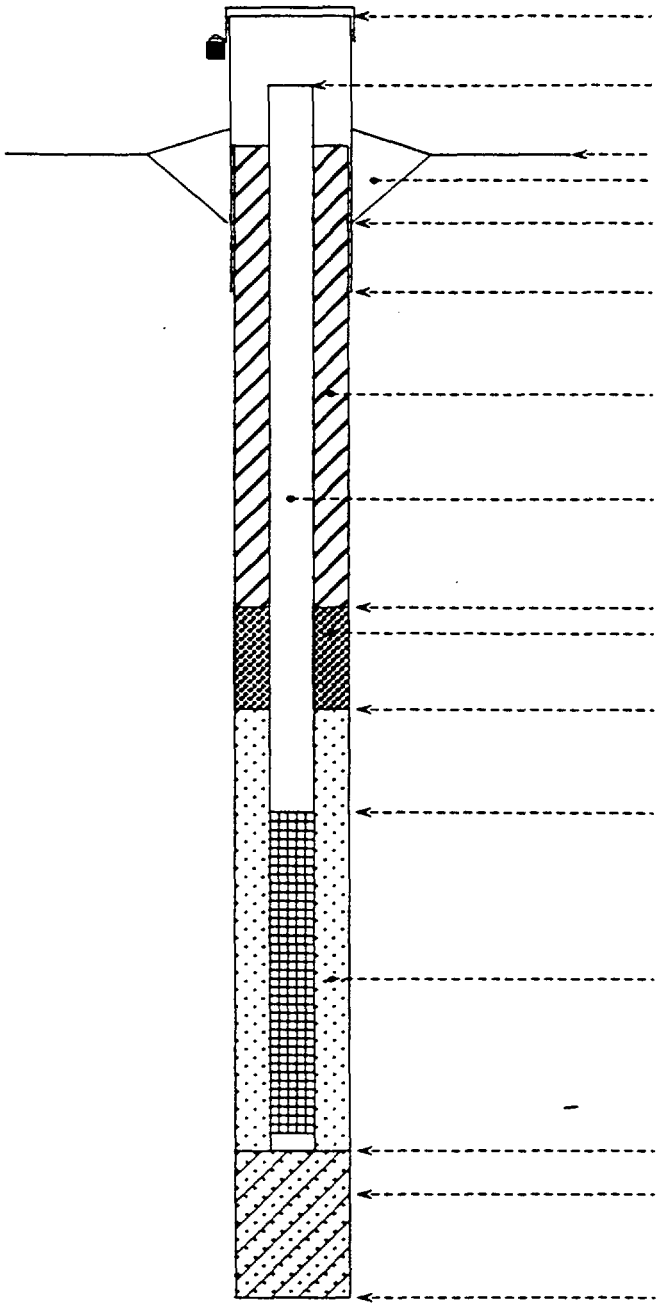
CLASSIFICATION: VISUAL (Modified Burmister),USCS

METHOD OF SAMPLING: ASTM D1586-84

SHEET 1 OF 1		Dames & Moore Overburden Well Construction	HOLE/WELL NO.:	0706
DATE STARTED:	1/19/90		SURFACE ELEVATION:	1,406.81
DATE FINISHED:	1/23/90			
DRILLER:	Empire Soils Inv. Hamburg, New York		NORTHING:	893,478.76
FIELD GEOLOGIST:	FJC		EASTING:	480,245.61
PROJECT:	WVDP DOE/RCRA wells		LOCATION:	S. CPC STORAGE AREA
JOB NUMBER:	10805-410-023		SSWMU Locale:	7



Top of outer casing elevation: 1,409.46 feet MSL
Outer casing stick-up: 2.65 feet
Top of riser elevation: 1,408.81 feet MSL
Riser pipe stick-up: 2.0 feet
Ground surface elevation: 1,406.81 feet MSL
Type of surface seal: quickrete
Depth of surface seal: 4 inches

Depth of outer casing: 2.35 feet
I.D. of outer casing: 6 inches
Type of outer casing: steel
Type of backfill: cement/bentonite
Volume of backfill: 1.5 cu.ft.
Borehole diameter: 8 inches
Type of riser: 304 s.s. flushjoint, sch.5
Section lengths (from base) 1-5',1-3'
I.D. of riser pipe: 2 inches
Depth of seal: 2.5 feet
Type of seal: bentonite pellets (1/4" dia.)
Volume of seal: 0.67 cu.ft.
Depth of sand pack: 4.50 feet

Depth of top of screen: 8.0 feet
Screen: S.S. Johnson Channel Pack, 10 slot
Section lengths (from base) 1-5'
I.D. of screen: 2 inches

Type of sand pack: Ottawa flintshot 3.0 (fine)
Volume of sand pack: 2.1 cu.ft.

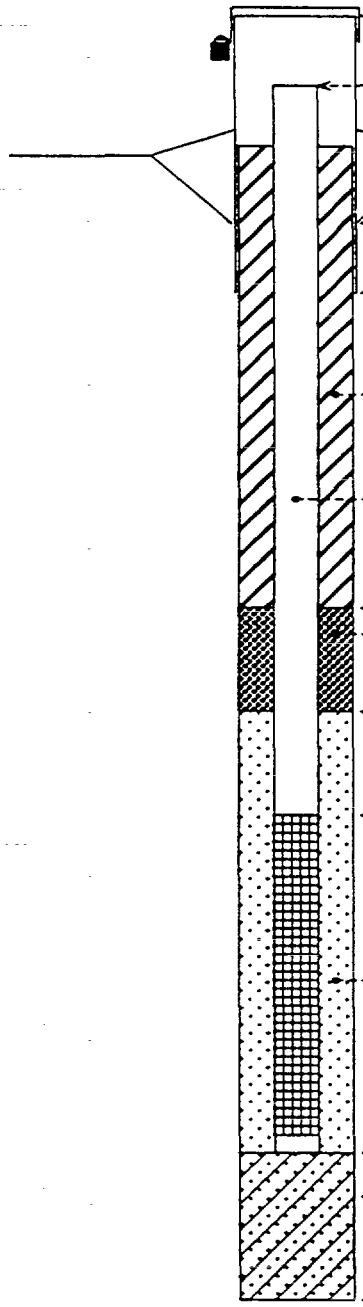
Depth to bottom of screen with attached 5 inch sump: 11.42 feet
Depth of bottom of sand pack: 11.42 feet
Backfill: NATURAL DEPOSIT
(May or may not be present)
Depth of borehole: 13.0 feet

SHEET 1 OF: 1 DATE STARTED: 12/20/89 DATE FINISHED: 12/21/89 DRILLER: Empire Soils Inv. Hamburg, New York INSPECTOR: JTB	BORING LOG DAMES & MOORE	HOLE/WELL NO.: 0305 SURFACE ELEVATION: 1410.89 NORTHING 892,596.76 EASTING 480,813.44
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023		LOCATION: EAST OF CSS SSWMU Locale: 3

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0 / 6 6 / 12 12 / 18 18 / 24	LITHOLOGY	DESCRIPTION / NOTES
					Moist, brown, SILT, some gravel, trace clay and sand, orange mottling. (OL)
					Moist, brown, SILT and fine to coarse subangular GRAVEL, little fine sand, trace clay, orange mottling. (GM)
5					Saturated, brown, fine to coarse GRAVEL and SAND, trace clay and silt. (GM)
10					
15					Increased GRAVEL, trace silt. (GM/GP)
					Saturated, brown, fine to coarse SAND, some fine to medium gravel, little silt. (GM)
20					Some silt, little gravel, trace clay. (GM)
					Saturated, brown-gray, SILT, some clay, trace sand. (ML)
					Saturated, brown, fine to coarse SAND, little subangular gravel, trace silt and clay. (GM)
25					Increased gravel. (GM)
					Saturated, brown, clayey SILT. (ML)
30					Saturated, gray, fine to coarse SAND and GRAVEL, trace silt, greenish-white mottling. (SW)
					Gray, some yellowish-green mottling. (GM)
35					Augered to 31 ft. See 0306 for sampling details. The water level was measured at 15.7 ft. b.g.s. - While the bottom of the augers were 31.0 ft. b.g.s.. No radiation detected above background by R/S.

CLASSIFICATION: VISUAL (Modified Burmister),USCS METHOD OF SAMPLING: SEE 0306

SHEET 1 OF 1		Dames & Moore Overburden Well Construction	HOLE/WELL NO.:	0305
DATE STARTED:	12/20/89		SURFACE ELEVATION:	1410.89
DATE FINISHED:	12/21/89			
DRILLER:	Empire Soils Inv. Hamburg, New York		NORTHING:	892,598.76
FIELD GEOLOGIST:	JTB		EASTING:	480,813.44
PROJECT:	WVDP DOE/RCRA wells		LOCATION:	EAST OF CSS
JOB NUMBER:	10805-410-023		SSWMU Locale:	3



Top of outer casing elevation: 1,412.99 feet MSL
Outer casing stick-up: 2.10 feet
Top of riser elevation: 1,412.66 feet MSL
Riser pipe stick-up: 1.77 feet
Ground surface elevation: 1,410.89 feet MSL
Type of surface seal: QUICKRETE
Depth of surface seal: 4 inches

Depth of outer casing: 2.90 feet
I.D. of outer casing: 6 inches
Type of outer casing: STEEL
Type of backfill: CEMENT/BENTONITE
Volume of backfill: 4.32 cu.ft.
Borehole diameter: 8 inches
Type of riser: 304 S.S. FLUSHJOINT, SCH. 5
Section lengths (from base) 1-10', 1-5', 1-3'
I.D. of riser pipe: 2 inches
Depth of seal: 12 feet
Type of seal: BENTONITE PELLETS (1/4" DIA.)
Volume of seal: 0.67 cu.ft.
Depth of sand pack: 15 feet

Depth of top of screen: 16 feet
Screen: S.S. JOHNSON CHANNEL PACK, 10 SLOT
Section lengths (from base) 1-10', 1-5'
I.D. of screen: 2 inches

Type of sand pack: OTTAWA FLINTSHOT 3.0
Volume of sand pack: 3.83 cu.ft.

Depth to bottom of screen with attached 5 inch sump: 31.42 feet
Depth of bottom of sand pack: 31.42 feet
Backfill:
(May or may not be present)
Depth of borehole: 31.42 feet

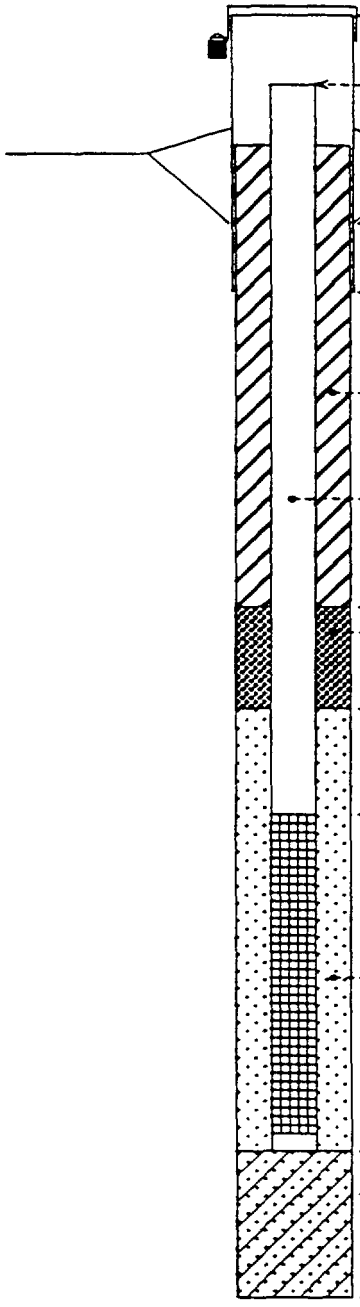
SHEET 1 OF: 1 DATE STARTED: 12/26/89 DATE FINISHED: 12/26/89 DRILLER: Empire Soils Inv. Hamburg, New York INSPECTOR: JTB	BORING LOG DAMES & MOORE	HOLE/WELL NO.: 0307 SURFACE ELEVATION: 1,411.04 NORTHING 892,601.23 EASTING 480,814.68
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-23		LOCATION: EAST OF CSS SSWMU Locale: 3

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0 / 6	6 / 12	12 / 18	18 / 24	LITHOLOGY	DESCRIPTION / NOTES
								Moist, brown, SILT, some gravel, trace clay and sand, orange mottling. (OL)
								Moist, brown, SILT and fine to coarse subangular GRAVEL, little fine sand, trace clay, orange mottling. (GM) The area east of the CSS may consist of reworked and/or backfilled material.
5								
								Saturated, brown, fine to coarse GRAVEL and SAND, trace clay and silt. (GM)
10								
15								Saturated, brown, fine to coarse GRAVEL, some sand, trace clay, trace silt. (GM)
								Augered to 16 ft. See 0306 for sampling and water level details. No radiation detected above background by R/S.
20								
25								
30								
35								

CLASSIFICATION: VISUAL (Modified Burmister),USCS

METHOD OF SAMPLING: ASTM D1586-84

SHEET 1 OF 1		Dames & Moore Overburden Well Construction	HOLE/WELL NO.:	0307
DATE STARTED:	12/26/89		SURFACE ELEVATION:	1,411.04
DATE FINISHED:	12/26/89			
DRILLER:	Empire Soils Inv. Hamburg, New York		NORTHING:	892,601.23
FIELD GEOLOGIST:	JTB		EASTING:	480,814.68
PROJECT:	WVDP DOE/RCRA wells		LOCATION:	EAST OF CSS
JOB NUMBER:	10805-410-23		SSWMU Locale:	3



Top of outer casing elevation: 1,415.41 feet MSL
Outer casing stick-up: 2.37 feet
Top of riser elevation: 1,413.04 feet MSL
Riser pipe stick-up: 2.00 feet
Ground surface elevation: 1,411.04 feet MSL
Type of surface seal: QUICKRETE
Depth of surface seal: 4 inches

Depth of outer casing: 2.63 feet
I.D. of outer casing: 6 inches
Type of outer casing: STEEL
Type of backfill: CEMENT/BENTONITE
Volume of backfill: 1.44 cu.ft.
Borehole diameter: 8 inches
Type of riser: 304 S.S. FLUSHJOINT, SCH.5
Section lengths (from base) 1-5', 1-3'
I.D. of riser pipe: 2 inches
Depth of seal: 3 feet
Type of seal: 1/4" DIA. BENTONITE PELLETS
Volume of seal: 0.67 cu.ft.
Depth of sand pack: 5 feet

Depth of top of screen: 6 feet
Screen: S.S. JOHNSON CHANNEL PACK, 10 SLOT
Section lengths (from base) 1-10'
I.D. of screen: 2 inches

Type of sand pack: OTTAWA FLINTSHOT 3.0
Volume of sand pack: 3.825 cu.ft.

Depth to bottom of screen with attached 5 inch sump: 16.42 feet
Depth of bottom of sand pack: 16.42 feet
Backfill:
(May or may not be present)
Depth of borehole: 16.42 feet

SHEET 1 OF: 2 DATE STARTED: 12/28/89 DATE FINISHED: 6/22/90 DRILLER: Empire Soils Inv. Hamburg, New York INSPECTOR: FJC	BORING LOG DAMES & MOORE	HOLE/WELL NO.: G408 SURFACE ELEVATION: 1,404.02 NORTHING 893,040.01 EASTING 480,851.09
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023		LOCATION: NW OF T&S BLDG SSWMU Locale: 4

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0 / 6	6 / 12	12 / 18	18 / 24	LITHOLOGY	DESCRIPTION / NOTES
	24/12	SS-1	3	6	7	8		Moist, light brown, fine to coarse SAND and GRAVEL, trace silt and clay, some yellow-orange mottling. (GW)
	24/17	SS-2	7	6	5	8		
5	24/5	SS-3	11	12	11	16		
	24/15	SS-4	8	8	9	11		
	24/6	SS-5	9	8	10	10		
10	24/12	SS-6	3	8	15	17		Wet, light brown, fine to medium GRAVEL and fine to coarse sand, trace silt and clay. (GW)
	24/11	SS-7	6	7	10	24		
15	24/6	SS-8	14	10	13	14		Saturated, light brown, fine to coarse SAND and fine subangular to angular GRAVEL, trace silt, trace clay. (GM)
	24/13	SS-9	8	24	17	16		
	24/9	SS-10	10	14	24	27		
20	24/12	SS-11	6	20	25	33		
	24/16	SS-12	4	17	17	25		
25	24/11	SS-13	7	13	24	27		
	24/14	SS-14	12	22	17	12		Saturated, light brown, CLAY, some silt, trace fine gravel, trace sand. (CL/ML) (1200 CPM reading on GM Meter)
	24/12	SS-15	11	11	20	18		Saturated, brown, fine to coarse GRAVEL and SAND, trace silt and clay. (GW) (1200 CPM)
30	24/9	SS-16	6	14	14	8		Saturated, brown, coarse SAND, trace fine gravel. (SP) (1200 CPM)
	24/	SS-17	4	8	18	16		Saturated, brown, SAND and GRAVEL. (SW/GW) (3000 CPM) Saturated, brown, SAND. (SW) (3000 CPM)
35	24/20	SS-18	8	18	16	18		Saturated, fine to medium GRAVEL, some fine to medium SAND, little clay and silt. (GW) (1500 CPM)
	18/0	SS-19	17	15	25	-		No recovery.
			-	-	-	-		

CLASSIFICATION: VISUAL (Modified Burmister),USCS METHOD OF SAMPLING: ASTM D1586-84

SHEET 2 OF: 2 DATE STARTED: 12/28/89 DATE FINISHED: 6/22/90 DRILLER: Empire Soils Inv. Hamburg, New York INSPECTOR: FJC	BORING LOG DAMES & MOORE	HOLE/WELL NO.: 0408 SURFACE ELEVATION: 1,404.02 NORTHING 893,040.01 EASTING 480,851.09
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023		LOCATION: NW OF T&S BLDG SSWMU Locale: 4

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0 / 6 / 12 / 18	BLOWS ON SAMPLER 6 / 12 / 18 / 24	LITHOLOGY	DESCRIPTION / NOTES
	24/22	SS-20	6 18	9 20		Saturated, fine to medium SAND, trace clay. (SW)
						Moist, dark gray-brown, CLAY, some silt, trace clay and silt. (CL/ML)
45						AUGERED TO 40 FT. SAMPLED TO 42 FT. THE WATER LEVEL WAS MEASURED AT 12 FT.B.G.S.- WHILE THE BOTTOM OF THE AUGERS WERE 40.0 FT. B.G.S.. RADIATION ENCOUNTERED (1200-3000 CPM) STARTING AT 28 FEET.
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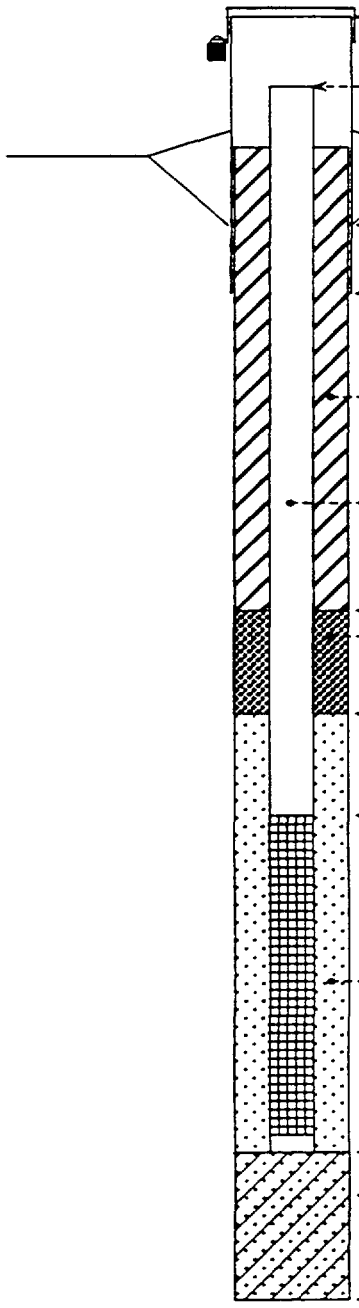
55						
60						
65						
70						
75						

CLASSIFICATION: VISUAL (Modified Burmister),USCS

METHOD OF SAMPLING: ASTM D1586-84

SHEET 1 OF 1		HOLE/WELL NO.:	0408
DATE STARTED:	12/28/89	SURFACE ELEVATION:	1,404.02
DATE FINISHED:	6/22/90		
DRILLER:	Empire Soils Inv. Hamburg, New York	NORTHING:	893,040.01
FIELD GEOLOGIST:	FJC	EASTING:	480,851.09
PROJECT:	WVDP DOE/RCRA wells	LOCATION:	NW OF T&S BLDG
JOB NUMBER:	10805-410-023	SSWMU Locale:	4

Dames & Moore
Overburden
Well Construction



Top of outer casing elevation: 1,406.32 feet MSL
Outer casing stick-up: 2.3 feet
Top of riser elevation: 1,405.56 feet MSL
Riser pipe stick-up: 1.54 feet
Ground surface elevation: 1,404.02 feet MSL
Type of surface seal: quickrete
Depth of surface seal: 4 inches

Depth of outer casing: 2.7 feet
I.D. of outer casing: 6 inches
Type of outer casing: steel
Type of backfill: cement-bentonite
Volume of backfill: 1.44 cu.ft.
Borehole diameter: 8 inches
Type of riser: 304 s.s. flushjoint, sch.5
Section lengths (from base) 3-10'
I.D. of riser pipe: 2 inches
Depth of seal: 25 feet
Type of seal: bentonite pellets (1/4" dia.)
Volume of seal: 0.67 cu.ft.
Depth of sand pack: 27.3 feet

Depth of top of screen: 28 feet
Screen: S.S. Johnson Channel Pack, 10 slot
Section lengths (from base) 1-10'
I.D. of screen: 2 inches

Type of sand pack: Natural materials
Volume of sand pack: Not measured cu.ft.

Depth to bottom of screen with attached 5 inch sump: 38.42 feet
Depth of bottom of sand pack: 40 feet
Backfill:
(May or may not be present)
Depth of borehole: 42 feet

SHEET 1 OF: 1 DATE STARTED: 12/11/89 DATE FINISHED: 12/12/89 DRILLER: Empire Soils Inv. Hamburg, New York INSPECTOR: JTB	BORING LOG DAMES & MOORE	HOLE/WELL NO.: 0302 SURFACE ELEVATION: 1,416.22 NORTHING 892,564.84 EASTING 480,547.64
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023		LOCATION: SW OF CSS SSWMU Locale: 3

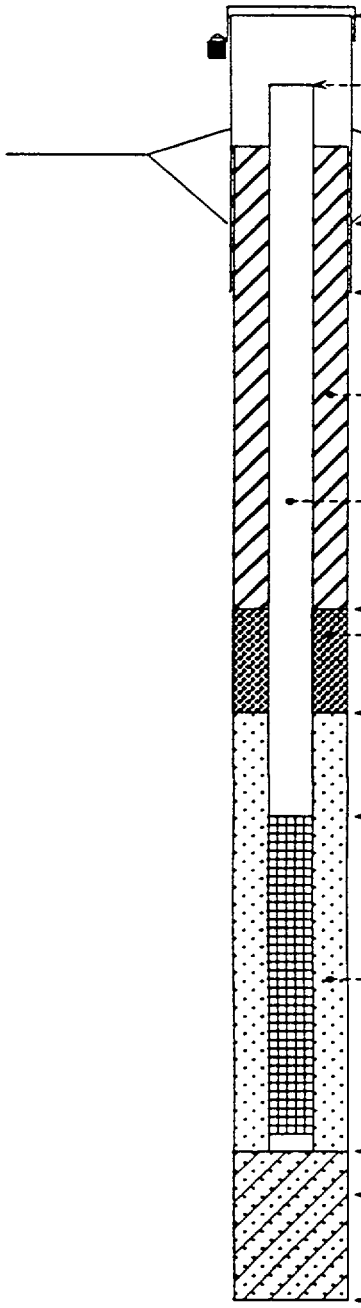
DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0 / 6	6 / 12	12 / 18	18 / 24	LITHOLOGY	DESCRIPTION / NOTES
	24/10	SS-1	6	6	12	24		Moist, brown, SILT, some fine to medium subangular gravel, little sand, trace clay, orange and green mottling. (GM)
	24/19	SS-2	12	14	19	15		
5	24/19	SS-3	9	13	10	16		Moist, light to dark, brown, silty SAND and fine to coarse GRAVEL, trace clay. (GM)
	24/15	SS-4	9	13	11	18		Saturated, brown. (GM)
	24/10	SS-5	8	11	11	15		
10	24/12	SS-6	6	16	18	12		Some silt. (GM/ML)
	24/11	SS-7	6	8	12	20		Saturated, brown, silty SAND and fine to coarse GRAVEL, little subangular shale fragments. (GP/ML)
15	24/16	SS-8	29	20	21	22		Saturated, light brown with red and orange mottling. (GP/ML)
	24/15	SS-9	6	9	17	19		Saturated, brown, SILT, little fine sand, trace clay and fine subangular gravel. Weathered till. (ML)
	24/22	SS-10	4	6	8	10		Wet, gray SILT, some clay, trace fine sand and fine to medium subangular gravel. Unweathered. (CL)
20	24/24	SS-11	5	11	6	6		Some to little sand. (CL) Wet, gray, SILT, little clay, little fine to medium sand and gravel, brown-red mottling. (CL)
	24/22	SS-12	4	6	25	18		Saturated, brown-orange, fine to coarse SAND and fine to coarse subangular GRAVEL, trace clay. (SP)
25	24/17	SS-13	3	8	11	11		
	24/22	SS-14	4	8	7	11		Little silt and clay. (SP/SM)
	24/17	SS-15	3	6	10	12		Saturated, brown-gray, sandy SILT, little clay, trace fine to medium gravel. Unweathered. (ML/CL)
30	24/21	SS-16	3	6	8	13		Saturated, dark gray, SILT, some clay, trace fine sand, trace fine to medium subangular gravel. (CL)
35								Augered to 30.0 ft. Sampled to 32.0 ft. The water level was measured at 17.1 ft. b.g.s.- While the bottom of the augers were 30.0 ft. b.g.s.. No radiation detected above background by R/S.

CLASSIFICATION: VISUAL (Modified Burmister),USCS

METHOD OF SAMPLING: ASTM D1586-84

SHEET 1 OF 1		HOLE/WELL NO.:	0302
DATE STARTED:	12/11/89	SURFACE ELEVATION:	1,416.22
DATE FINISHED:	12/12/89		
DRILLER:	Empire Soils Inv. Hamburg, New York	NORTHING:	892,564.84
FIELD GEOLOGIST:	JTB	EASTING:	480,547.64
PROJECT:	WVDP DOE/RCRA wells	LOCATION:	SW OF CSS
JOB NUMBER:	10805-410-023	SSWMU Locale:	3

Dames & Moore
Overburden
Well Construction



Top of outer casing elevation: 1,418.46 feet MSL
Outer casing stick-up: 2.24 feet
Top of riser elevation: 1,418.33 feet MSL
Riser pipe stick-up: 2.11 feet
Ground surface elevation: 1,416.22 feet MSL
Type of surface seal: QUICKRETE
Depth of surface seal: 4 inches

Depth of outer casing: 2.76 feet
I.D. of outer casing: 6 inches
Type of outer casing: STEEL
Type of backfill: CEMENT/BENTONITE
Volume of backfill: 4.32 cu.ft.
Borehole diameter: 8 inches
Type of riser: 304 S.S. FLUSHJOINT, SCH 5
Section lengths (from base) 2-10, 1-5'
I.D. of riser pipe: 2 inches
Depth of seal: 18 feet
Type of seal: BENTONITE PELLETS (1/4" DIA.)
Volume of seal: .84 cu.ft.
Depth of sand pack: 21 feet

Depth of top of screen: 23 feet
Screen: S.S. JOHNSON CHANNEL PACK, 10 SLOT
Section lengths (from base) 1-5'
I.D. of screen: 2 inches

Type of sand pack: OTTAWA FLINTSHOT 3.0
Volume of sand pack: 2.34 cu.ft.

Depth to bottom of screen with attached 5 inch sump: 28.42 feet
Depth of bottom of sand pack: 30 feet
Backfill:
(May or may not be present)
Depth of borehole: 32 feet

SHEET 1 OF: 2 DATE STARTED: 12/19/89 DATE FINISHED: 12/26/89 DRILLER: Empire Soils Inv. Hamburg, New York INSPECTOR: FJC	BORING LOG DAMES & MOORE	HOLE/WELL NO.: 0204 SURFACE ELEVATION: 1,404.74 NORTHING 892,636.77 EASTING 481,017.23
PROJECT: WVDP DOE/RCRA wells JOB NUMBER: 10805-410-023		LOCATION: NORTH OF SLUDGE PONDS SSWMU Locale: 2

DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0 / 6	6 / 12	12 / 18	18 / 24	LITHOLOGY	DESCRIPTION / NOTES
	24/5	SS-1	6	14	13	11		Dark brown, TOPSOIL. (OL)
	24/4	SS-2	19	4	5	8		Wet, medium brown, coarse GRAVEL, some sand, some silt. (GM) Damp. (GM)
5	24/9	SS-3	5	15	19	14		Moist, dark brown, SAND and medium GRAVEL, some silt. (GM)
	24/6	SS-4	29	23	25	24		
	24/7	SS-5	35	30	35	38		
10	24/4	SS-6	5	25	30	38		
	24/12	SS-7	10	14	14	12		Wet, medium brown, SAND and GRAVEL, little silt, trace clay. (GM)
15	24/15	SS-8	16	14	21	26		
	24/20	SS-9	13	15	27	30		Moist, dark gray, CLAY and SILT, trace fine to coarse GRAVEL. (CL)
	24/18	SS-10	4	7	4	12		Saturated, medium GRAVEL and SAND, some silt. (GM)
20	24/22	SS-11	8	9	14	13		Moist, dark gray, CLAY and SILT, trace fine sand, fine to coarse gravel. (CL)
	24/7	SS-12	16	17	24	29		
25	24/23	SS-13	7	16	15	22		
	24/24	SS-14	12	11	18	21		
	24/22	SS-15	5	6	11	15		Saturated, SAND lens at 28.5 to 28.7 ft. b.g.s..
30	24/16	SS-16	3	5	8	11		Wet. (CL)
	24/23	SS-17	5	7	11	14		—
35	24/24	SS-18	7	8	11	13		Saturated. (CL)
	24/16	SS-19	8	28	30	20		Saturated, gray-green, fine to medium SAND. (SW)
	24/20	SS-20	8	23	13	26		Wet, medium brown, SILT and SAND. (SM) Saturated, brown-gray, fine to coarse SAND and GRAVEL. (GM)

CLASSIFICATION: VISUAL (Modified Burmister),USCS

METHOD OF SAMPLING: ASTM D1586-84,

SHEET 2 OF: 2 DATE STARTED: 12/19/89 DATE FINISHED: 12/26/89 DRILLER: Empire Soils Inv. Hamburg, New York INSPECTOR: FJC	BORING LOG DAMES & MOORE	HOLE/WELL NO.: 0204 SURFACE ELEVATION: 1,404.74 NORTHING 892,636.77 EASTING 481,017.23

PROJECT: WVDP DOE/RCRA wells
JOB NUMBER: 10805-410-023

LOCATION: NORTH OF SLUDGE PONDS
SSWMU Locale: 2

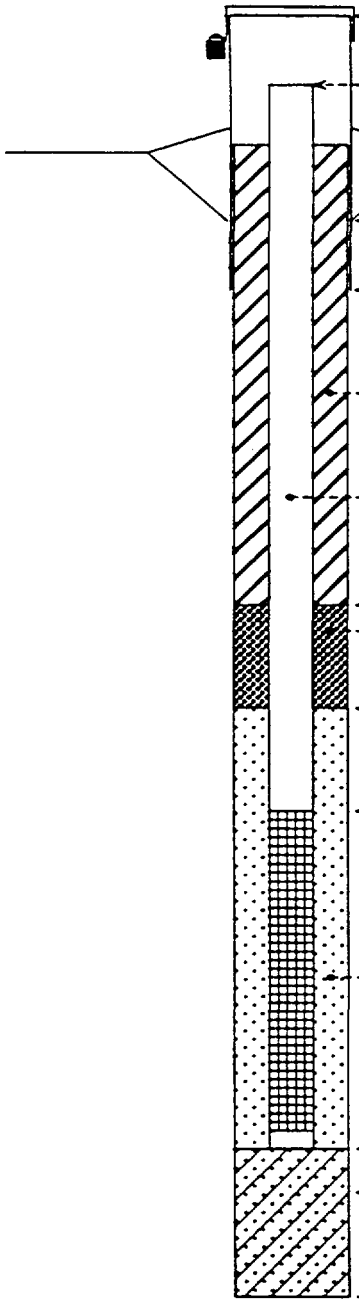
DEPTH IN FEET	INCHES DRIVEN / RECOVERED	SAMPLE TYPE-NO.	BLOWS ON SAMPLER 0 / 6	6 / 12	12 / 18	18 / 24	LITHOLOGY	DESCRIPTION / NOTES
	24/23	SS-21	10	18	19	26		SILT and CLAY lens.
	24/24	SS-22	8	9	11	16		Wet, gray, SAND and GRAVEL. (SW/GW)
45	24/22	SS-23	4	6	10	16		Wet, medium brown, SILT and CLAY, trace gravel, trace sand. (ML/CL)
	24/23	SS-24	9	10	13	20		
	24/22	SS-25	4	5	10	14		
50	24/16	SS-26	8	6	11	17		Moist, dark gray, silty CLAY, Unweathered. (CL)
	24/24	SS-27	6	11	13	18		
55	24/24	SS-28	4	8	9	11		
	24/24	SS-29	9	10	11	18		fine, SAND layer at 57.3 to 57.8 ft. b.g.s..
	24/18	SS-30	7	11	14	20		Moist, dark gray, CLAY and SILT, trace sand, trace gravel. (ML/CL)
60	24/20	SS-31	5	6	9	15		
	24/18	SS-32	8	14	18	27		
65	24/18	SS-33	5	15	24	24		
	24/20	SS-34	13	15	21	30		
70								AUGERED TO 66 FT. SAMPLED TO 68 FT. THE WATER LEVEL WAS MEASURED AT 10.6 FT. B.G.S. - WHILE THE BOTTOM OF THE AUGERS WERE 64.0 FT. B.G.S.. NO RADIATION WAS DETECTED ABOVE BACKGROUND BY R/S.
75								

CLASSIFICATION: VISUAL (Modified Burmister),USCS

METHOD OF SAMPLING: ASTM D1586-84,

SHEET 1 OF 1		HOLE/WELL NO.:	0204
DATE STARTED:	12/19/89	SURFACE ELEVATION:	1,404.74
DATE FINISHED:	12/26/89		
DRILLER:	Empire Soils Inv. Hamburg, New York	NORTHING:	892,636.77
FIELD GEOLOGIST:	FJC	EASTING:	481,017.23
PROJECT:	WVDP DOE/RCRA wells	LOCATION:	NORTH OF SLUDGE PONDS
JOB NUMBER:	10805-410-023	SSWMU Locale:	2

Dames & Moore
Overburden
Well Construction



Top of outer casing elevation: 1,407.65 feet MSL
Outer casing stick-up: 2.91 feet
Top of riser elevation: 1,406.70 feet MSL
Riser pipe stick-up: 1.96 feet
Ground surface elevation: 1,404.74 feet MSL
Type of surface seal: quickrete
Depth of surface seal: 4 inches

Depth of outer casing: 2.09 feet
I.D. of outer casing: 6 inches
Type of outer casing: steel
Type of backfill: cement-bentonite
Volume of backfill: 15.84 cu.ft.
Borehole diameter: 8 inches
Type of riser: 304 s.s. flushjoint, sch.5
Section lengths (from base) 4-10'
I.D. of riser pipe: 2 inches
Depth of seal: 34 feet
Type of seal: bentonite pellets (1/4" dia.)
Volume of seal: 0.67 cu.ft.
Depth of sand pack: 35.7 feet

Depth of top of screen: 38 feet
Screen: S.S. JOHNSON CHANNEL PACK, 10 SLOT
Section lengths (from base) 1-5'
I.D. of screen: 2 inches

Type of sand pack: Ottawa flintshot 3.0 (fine)
Volume of sand pack: 2.55 cu.ft.

Depth to bottom of screen with attached 5 inch sump: 43.42 feet
Depth of bottom of sand pack: 43.5 feet
Backfill: Cement-bentonite grout
(May or may not be present)
Depth of borehole: 68.0 feet

Appendix E

Contamination Indicator Parameter Data

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LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0305	pH	03/18/91		7.23	N/A	91-01954	
WNW0305	pH	05/01/91		6.66	N/A	91-03056	
WNW0305	pH	05/01/91		6.70	N/A	91-03056	
WNW0305	pH	05/22/91		6.92	N/A	91-04119	
WNW0305	pH	07/17/91		6.93	N/A	91-06198	
WNW0305	pH	08/26/91		6.90	N/A	91-07595	
WNW0305	pH	08/26/91		6.86	N/A	91-07595	
WNW0305	pH	10/29/91		6.87	N/A	91-09665	
WNW0305	pH	10/29/91		6.88	N/A	91-09665	
WNW0305	pH	11/25/91		7.06	N/A	91-11275	
WNW0305	pH	11/25/91		7.11	N/A	91-11275	
WNW0305	pH	01/22/92		6.78	N/A	92-00091	
WNW0305	pH	01/22/92		6.82	N/A	92-00091	
WNW0305	pH	03/04/92		6.83	N/A	92-01958	
WNW0305	pH	03/04/92		6.79	N/A	92-01958	
WNW0305	pH	04/13/92		6.89	N/A	92-04029	
WNW0305	pH	04/13/92		6.87	N/A	92-04029	
WNW0305	pH	07/24/92		6.88	N/A	92-06819	
WNW0305	pH	07/24/92		6.91	N/A	92-06819	
WNW0305	pH	08/31/92		6.93	N/A	92-09250	
WNW0305	pH	08/31/92		6.88	N/A	92-09250	
WNW0305	pH	10/13/92		6.95	N/A	92-10875	
WNW0305	pH	10/13/92		6.90	N/A	92-10875	
WNW0305	pH	11/09/92		6.81	N/A	92-11711	
WNW0305	pH	11/09/92		6.75	N/A	92-11711	
WNW0305	pH	12/09/92		6.97	N/A	92-13403	
WNW0305	pH	12/09/92		6.94	N/A	92-13403	
WNW0305	pH	01/18/93		6.79	N/A	93-00373	
WNW0305	pH	01/18/93		6.78	N/A	93-00373	
WNW0305	pH	02/25/93		7.01	N/A	93-02068	
WNW0305	pH	02/25/93		7.07	N/A	93-02068	
WNW0305	pH	04/26/93		6.90	N/A	93-03890	
WNW0305	pH	04/26/93		6.86	N/A	93-03890	
WNW0305	pH	06/02/93		6.76	N/A	93-05837	
WNW0305	pH	06/02/93		6.78	N/A	93-05837	
WNW0305	pH	07/20/93		6.82	N/A	93-07203	
WNW0305	pH	07/20/93		6.81	N/A	93-07203	
WNW0305	pH	10/29/93		6.90	N/A	93-11115	
WNW0305	pH	10/29/93		6.86	N/A	93-11115	
WNW0305	pH	02/21/94		7.07	N/A	94-01215	
WNW0305	pH	02/21/94		7.04	N/A	94-01215	
WNW0305	pH	05/16/94		7.04	N/A	94-03836	
WNW0305	pH	05/16/94		7.12	N/A	94-03836	
WNW0305	pH	07/01/94		6.95	N/A	94-06677	
WNW0305	pH	07/01/94		6.94	N/A	94-06677	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0305	pH	10/04/94		6.73	N/A	94-10666	
WNW0305	pH	10/04/94		6.77	N/A	94-10666	
WNW0305	Cond	03/18/91		2480.00	µmhoscm	91-01954	
WNW0305	Cond	05/01/91		2400.00	µmhoscm	91-03056	
WNW0305	Cond	05/01/91		2270.00	µmhoscm	91-03056	
WNW0305	Cond	05/22/91		2400.00	µmhoscm	91-04119	
WNW0305	Cond	07/17/91		1808.00	µmhoscm	91-06198	
WNW0305	Cond	08/26/91		1597.00	µmhoscm	91-07595	
WNW0305	Cond	08/26/91		1629.00	µmhoscm	91-07595	
WNW0305	Cond	10/29/91		1270.00	µmhoscm	91-09665	
WNW0305	Cond	10/29/91		1274.00	µmhoscm	91-09665	
WNW0305	Cond	11/25/91		1138.00	µmhoscm	91-11275	
WNW0305	Cond	11/25/91		1183.00	µmhoscm	91-11275	
WNW0305	Cond	01/22/92		1107.00	µmhoscm	92-00091	
WNW0305	Cond	01/22/92		1077.00	µmhoscm	92-00091	
WNW0305	Cond	03/04/92		1121.00	µmhoscm	92-01958	
WNW0305	Cond	03/04/92		1082.00	µmhoscm	92-01958	
WNW0305	Cond	04/13/92		1136.00	µmhoscm	92-04029	
WNW0305	Cond	04/13/92		1162.00	µmhoscm	92-04029	
WNW0305	Cond	07/24/92		1334.00	µmhoscm	92-06819	
WNW0305	Cond	07/24/92		1256.00	µmhoscm	92-06819	
WNW0305	Cond	08/31/92		1407.00	µmhoscm	92-09250	
WNW0305	Cond	08/31/92		1367.00	µmhoscm	92-09250	
WNW0305	Cond	10/13/92		1285.00	µmhoscm	92-10875	
WNW0305	Cond	10/13/92		1260.00	µmhoscm	92-10875	
WNW0305	Cond	11/09/92		1217.00	µmhoscm	92-11711	
WNW0305	Cond	11/09/92		1242.00	µmhoscm	92-11711	
WNW0305	Cond	12/09/92		1195.00	µmhoscm	92-13403	
WNW0305	Cond	12/09/92		1235.00	µmhoscm	92-13403	
WNW0305	Cond	01/18/93		1149.00	µmhoscm	93-00373	
WNW0305	Cond	01/18/93		1198.00	µmhoscm	93-00373	
WNW0305	Cond	02/25/93		1059.00	µmhoscm	93-02068	
WNW0305	Cond	02/25/93		1110.00	µmhoscm	93-02068	
WNW0305	Cond	04/26/93		1070.00	µmhoscm	93-03890	
WNW0305	Cond	04/26/93		1133.00	µmhoscm	93-03890	
WNW0305	Cond	06/02/93		1260.00	µmhoscm	93-05837	
WNW0305	Cond	06/02/93		1213.00	µmhoscm	93-05837	
WNW0305	Cond	07/20/93		1168.00	µmhoscm	93-07203	
WNW0305	Cond	07/20/93		1260.00	µmhoscm	93-07203	
WNW0305	Cond	10/29/93		1389.00	µmhoscm	93-11115	
WNW0305	Cond	10/29/93		1215.00	µmhoscm	93-11115	
WNW0305	Cond	02/21/94		1363.00	µmhoscm	94-01215	
WNW0305	Cond	02/21/94		1395.00	µmhoscm	94-01215	
WNW0305	Cond	05/16/94		2270.00	µmhoscm	94-03836	
WNW0305	Cond	05/16/94		2130.00	µmhoscm	94-03836	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0305	Cond	07/01/94		3900.00	μmhoscm	94-06677	
WNW0305	Cond	07/01/94		3770.00	μmhoscm	94-06677	
WNW0305	Cond	10/04/94		4240.00	μmhoscm	94-10666	
WNW0305	Cond	10/04/94		4050.00	μmhoscm	94-10666	
WNW0305	NPOC	04/25/91		1.50	mg/L	91-03059	
WNW0305	NPOC	05/22/91		2.00	mg/L	91-04123	
WNW0305	NPOC	05/22/91		2.00	mg/L	91-04257	
WNW0305	NPOC	07/17/91		2.00	mg/L	91-06202	
WNW0305	NPOC	08/26/91		2.60	mg/L	91-07627	
WNW0305	NPOC	10/29/91		2.60	mg/L	91-09668	
WNW0305	NPOC	11/25/91		3.60	mg/L	91-11279	F
WNW0305	NPOC	01/22/92		1.80	mg/L	92-00092	
WNW0305	NPOC	03/04/92		1.60	mg/L	92-01959	
WNW0305	NPOC	04/13/92		0.90	mg/L	92-04030	
WNW0305	NPOC	07/24/92		1.40	mg/L	92-06820	
WNW0305	NPOC	07/24/92		1.40	mg/L	92-06820	
WNW0305	NPOC	08/31/92		1.40	mg/L	92-09251	
WNW0305	NPOC	10/13/92		1.50	mg/L	92-10876	
WNW0305	NPOC	11/09/92		1.50	mg/L	92-11712	
WNW0305	NPOC	12/09/92		1.70	mg/L	92-13404	
WNW0305	NPOC	01/18/93		1.50	mg/L	93-00374	
WNW0305	NPOC	01/18/93		1.40	mg/L	93-00535	
WNW0305	NPOC	02/25/93		1.50	mg/L	93-02069	
WNW0305	NPOC	04/26/93		1.50	mg/L	93-03891	
WNW0305	NPOC	04/26/93		1.50	mg/L	93-03891	
WNW0305	NPOC	06/02/93		1.30	mg/L	93-05838	
WNW0305	NPOC	07/20/93		1.50	mg/L	93-07204	
WNW0305	NPOC	10/29/93		1.70	mg/L	93-11116	
WNW0305	NPOC	10/29/93		1.50	mg/L	93-11116	
WNW0305	NPOC	02/21/94		1.40	mg/L	94-01216	
WNW0305	NPOC	05/16/94		1.20	mg/L	94-03837	
WNW0305	NPOC	07/01/94		1.20	mg/L	94-06678	
WNW0305	NPOC	10/04/94	ND < 1.00	1.00	mg/L	94-10883	
WNW0305	TOX	04/25/91		44.00	μg/L	91-03059	
WNW0305	TOX	05/22/91		41.00	μg/L	91-04123	J
WNW0305	TOX	05/22/91		29.00	μg/L	91-04257	
WNW0305	TOX	07/17/91		66.00	μg/L	91-06202	
WNW0305	TOX	08/26/91		6.20	μg/L	91-07627	J
WNW0305	TOX	10/29/91		14.00	μg/L	91-09668	
WNW0305	TOX	11/25/91		12.00	μg/L	91-11279	
WNW0305	TOX	01/22/92		19.40	μg/L	92-00092	
WNW0305	TOX	03/04/92		14.10	μg/L	92-01959	
WNW0305	TOX	04/13/92		29.40	μg/L	92-04030	
WNW0305	TOX	07/24/92		18.30	μg/L	92-06820	
WNW0305	TOX	08/31/92		10.40	μg/L	92-09251	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0305	TOX	10/13/92		16.00	µg/L	92-10876	
WNW0305	TOX	11/09/92		11.80	µg/L	92-11712	
WNW0305	TOX	12/09/92		23.00	µg/L	92-13404	
WNW0305	TOX	01/18/93		25.80	µg/L	93-00374	
WNW0305	TOX	01/18/93		19.10	µg/L	93-00535	
WNW0305	TOX	02/25/93		10.80	µg/L	93-02069	
WNW0305	TOX	04/26/93	ND<4.00	4.00	µg/L	93-03891	
WNW0305	TOX	06/02/93		3.80	µg/L	93-05838	
WNW0305	TOX	07/20/93	ND<2.00	2.00	µg/L	93-07204	
WNW0305	TOX	10/29/93		10.00	µg/L	93-11116	
WNW0305	TOX	02/21/94		14.80	µg/L	94-01216	
WNW0305	TOX	05/16/94		11.40	µg/L	94-03837	
WNW0305	TOX	07/01/94		22.00	µg/L	94-06678	
WNW0305	TOX	10/04/94		17.00	µg/L	94-10667	J
WNW0307	pH	02/07/91		6.82	N/A	91-00990	
WNW0307	pH	02/07/91		6.81	N/A	91-00990	
WNW0307	pH	05/01/91		6.80	N/A	91-03302	
WNW0307	pH	05/01/91		6.74	N/A	91-03302	
WNW0307	pH	05/22/91		7.02	N/A	91-04128	
WNW0307	pH	07/17/91		6.75	N/A	91-06203	
WNW0307	pH	07/17/91		6.76	N/A	91-06203	
WNW0307	pH	08/26/91		6.88	N/A	91-07629	
WNW0307	pH	08/26/91		6.83	N/A	91-07629	
WNW0307	pH	10/29/91		6.76	N/A	91-09669	
WNW0307	pH	10/29/91		6.74	N/A	91-09669	
WNW0307	pH	11/25/91		7.06	N/A	91-11287	
WNW0307	pH	11/25/91		7.06	N/A	91-11287	
WNW0307	pH	01/22/92		6.56	N/A	92-00095	
WNW0307	pH	01/22/92		6.58	N/A	92-00095	
WNW0307	pH	03/04/92		6.88	N/A	92-01970	
WNW0307	pH	03/04/92		6.93	N/A	92-01970	
WNW0307	pH	04/13/92		6.78	N/A	92-04033	
WNW0307	pH	04/13/92		6.85	N/A	92-04033	
WNW0307	pH	07/24/92		6.85	N/A	92-06832	
WNW0307	pH	07/24/92		6.85	N/A	92-06832	
WNW0307	pH	08/31/92		6.86	N/A	92-09254	
WNW0307	pH	08/31/92		6.91	N/A	92-09254	
WNW0307	pH	10/13/92		6.98	N/A	92-10879	
WNW0307	pH	10/13/92		7.05	N/A	92-10879	
WNW0307	pH	11/09/92		6.72	N/A	92-11715	
WNW0307	pH	11/09/92		6.74	N/A	92-11715	
WNW0307	pH	12/09/92		6.90	N/A	92-13416	
WNW0307	pH	12/09/92		6.95	N/A	92-13416	
WNW0307	pH	01/18/93		6.87	N/A	93-00377	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0307	pH	02/25/93		7.20	N/A	93-02078	
WNW0307	pH	02/25/93		7.25	N/A	93-02078	
WNW0307	pH	04/26/93		6.93	N/A	93-03894	
WNW0307	pH	04/26/93		6.92	N/A	93-03894	
WNW0307	pH	06/02/93		6.78	N/A	93-05841	
WNW0307	pH	06/02/93		6.78	N/A	93-05841	
WNW0307	pH	07/20/93		6.82	N/A	93-07207	
WNW0307	pH	07/20/93		6.78	N/A	93-07207	
WNW0307	pH	10/29/93		6.93	N/A	93-11104	
WNW0307	pH	10/29/93		6.93	N/A	93-11104	
WNW0307	pH	02/21/94		7.01	N/A	94-01218	
WNW0307	pH	02/21/94		6.95	N/A	94-01218	
WNW0307	pH	05/16/94		7.22	N/A	94-03827	
WNW0307	pH	05/16/94		7.25	N/A	94-03827	
WNW0307	pH	07/01/94		6.82	N/A	94-06680	
WNW0307	pH	07/01/94		6.98	N/A	94-06680	
WNW0307	pH	10/04/94		6.77	N/A	94-10675	
WNW0307	pH	10/04/94		6.87	N/A	94-10675	
WNW0307	Cond	02/07/91		2570.00	µmhoscm	91-00990	
WNW0307	Cond	02/07/91		2560.00	µmhoscm	91-00990	
WNW0307	Cond	05/01/91		2180.00	µmhoscm	91-03302	
WNW0307	Cond	05/01/91		2220.00	µmhoscm	91-03302	
WNW0307	Cond	05/22/91		1510.00	µmhoscm	91-04128	
WNW0307	Cond	07/17/91		1339.00	µmhoscm	91-06203	
WNW0307	Cond	07/17/91		1416.00	µmhoscm	91-06203	
WNW0307	Cond	08/26/91		1230.00	µmhoscm	91-07629	
WNW0307	Cond	08/26/91		1216.00	µmhoscm	91-07629	
WNW0307	Cond	10/29/91		1033.00	µmhoscm	91-09669	
WNW0307	Cond	10/29/91		1013.00	µmhoscm	91-09669	
WNW0307	Cond	11/25/91		900.00	µmhoscm	91-11287	
WNW0307	Cond	11/25/91		905.00	µmhoscm	91-11287	
WNW0307	Cond	01/22/92		1005.00	µmhoscm	92-00095	
WNW0307	Cond	01/22/92		1008.00	µmhoscm	92-00095	
WNW0307	Cond	03/04/92		1000.00	µmhoscm	92-01970	
WNW0307	Cond	03/04/92		1005.00	µmhoscm	92-01970	
WNW0307	Cond	04/13/92		1054.00	µmhoscm	92-04033	
WNW0307	Cond	04/13/92		1054.00	µmhoscm	92-04033	
WNW0307	Cond	07/24/92		1180.00	µmhoscm	92-06832	
WNW0307	Cond	07/24/92		1179.00	µmhoscm	92-06832	
WNW0307	Cond	08/31/92		1173.00	µmhoscm	92-09254	
WNW0307	Cond	08/31/92		1186.00	µmhoscm	92-09254	
WNW0307	Cond	10/13/92		1002.00	µmhoscm	92-10879	
WNW0307	Cond	10/13/92		1027.00	µmhoscm	92-10879	
WNW0307	Cond	11/09/92		1025.00	µmhoscm	92-11715	
WNW0307	Cond	11/09/92		1008.00	µmhoscm	92-11715	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0307	Cond	12/09/92		995.00	µmhoscm	92-13416	
WNW0307	Cond	12/09/92		970.00	µmhoscm	92-13416	
WNW0307	Cond	01/18/93		934.00	µmhoscm	93-00377	
WNW0307	Cond	02/25/93		832.00	µmhoscm	93-02078	
WNW0307	Cond	02/25/93		813.00	µmhoscm	93-02078	
WNW0307	Cond	04/26/93		845.00	µmhoscm	93-03894	
WNW0307	Cond	04/26/93		833.00	µmhoscm	93-03894	
WNW0307	Cond	06/02/93		721.00	µmhoscm	93-05841	
WNW0307	Cond	06/02/93		771.00	µmhoscm	93-05841	
WNW0307	Cond	07/20/93		594.00	µmhoscm	93-07207	
WNW0307	Cond	07/20/93		828.00	µmhoscm	93-07207	
WNW0307	Cond	10/29/93		935.00	µmhoscm	93-11104	
WNW0307	Cond	10/29/93		916.00	µmhoscm	93-11104	
WNW0307	Cond	02/21/94		1113.00	µmhoscm	94-01218	
WNW0307	Cond	02/21/94		1158.00	µmhoscm	94-01218	
WNW0307	Cond	05/16/94		3900.00	µmhoscm	94-03827	
WNW0307	Cond	05/16/94		3900.00	µmhoscm	94-03827	
WNW0307	Cond	07/01/94		5530.00	µmhoscm	94-06680	
WNW0307	Cond	07/01/94		3670.00	µmhoscm	94-06680	
WNW0307	Cond	10/04/94		3760.00	µmhoscm	94-10675	
WNW0307	Cond	10/04/94		3400.00	µmhoscm	94-10675	
WNW0307	NPOC	05/01/91		2.80	mg/L	91-03305	
WNW0307	NPOC	05/22/91		3.20	mg/L	91-04132	
WNW0307	NPOC	07/17/91		2.60	mg/L	91-06207	
WNW0307	NPOC	08/26/91		3.20	mg/L	91-07602	
WNW0307	NPOC	11/25/91		3.00	mg/L	91-11291	F
WNW0307	NPOC	01/22/92		1.60	mg/L	92-00096	
WNW0307	NPOC	01/22/92		1.60	mg/L	92-00096	
WNW0307	NPOC	03/04/92		1.70	mg/L	92-01971	
WNW0307	NPOC	04/13/92		1.20	mg/L	92-04034	
WNW0307	NPOC	07/24/92		1.80	mg/L	92-06833	
WNW0307	NPOC	08/31/92		1.30	mg/L	92-09255	
WNW0307	NPOC	10/13/92		2.00	mg/L	92-10880	
WNW0307	NPOC	10/13/92		2.10	mg/L	92-10880	
WNW0307	NPOC	11/09/92		1.40	mg/L	92-11716	
WNW0307	NPOC	11/09/92		1.40	mg/L	92-11716	
WNW0307	NPOC	12/09/92		1.60	mg/L	92-13417	
WNW0307	NPOC	01/18/93		1.40	mg/L	93-00378	
WNW0307	NPOC	02/25/93		1.50	mg/L	93-02079	
WNW0307	NPOC	02/25/93		1.50	mg/L	93-02079	
WNW0307	NPOC	04/26/93		1.10	mg/L	93-03895	
WNW0307	NPOC	06/02/93		1.40	mg/L	93-05842	
WNW0307	NPOC	06/02/93		1.40	mg/L	93-05842	
WNW0307	NPOC	07/20/93		1.50	mg/L	93-07208	
WNW0307	NPOC	10/29/93		1.30	mg/L	93-11105	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0307	NPOC	02/21/94		1.20	mg/L	94-01219	
WNW0307	NPOC	05/16/94		1.00	mg/L	94-03828	
WNW0307	NPOC	05/16/94		1.00	mg/L	94-03828	
WNW0307	NPOC	07/01/94		1.00	mg/L	94-06681	
WNW0307	NPOC	10/04/94		1.70	mg/L	94-10887	
WNW0307	TOX	05/01/91		57.00	µg/L	91-03305	
WNW0307	TOX	05/22/91		48.00	µg/L	91-04132	J
WNW0307	TOX	07/17/91		33.00	µg/L	91-06207	
WNW0307	TOX	08/26/91	ND<5.00	5.00	µg/L	91-07602	J
WNW0307	TOX	10/29/91		6.60	µg/L	91-09672	
WNW0307	TOX	11/25/91		5.40	µg/L	91-11291	
WNW0307	TOX	01/22/92		8.80	µg/L	92-00096	
WNW0307	TOX	03/04/92		26.40	µg/L	92-01971	
WNW0307	TOX	04/13/92		16.00	µg/L	92-04034	
WNW0307	TOX	07/24/92		36.70	µg/L	92-06833	
WNW0307	TOX	08/31/92		16.30	µg/L	92-09255	
WNW0307	TOX	10/13/92		11.70	µg/L	92-10880	
WNW0307	TOX	11/09/92		5.70	µg/L	92-11716	
WNW0307	TOX	12/09/92		12.30	µg/L	92-13417	
WNW0307	TOX	01/18/93		16.70	µg/L	93-00378	
WNW0307	TOX	02/25/93		12.60	µg/L	93-02079	
WNW0307	TOX	04/26/93	ND<4.00	4.00	µg/L	93-03895	
WNW0307	TOX	06/02/93		3.70	µg/L	93-05842	
WNW0307	TOX	07/20/93		5.30	µg/L	93-07208	
WNW0307	TOX	10/29/93		9.20	µg/L	93-11105	
WNW0307	TOX	02/21/94		27.60	µg/L	94-01219	
WNW0307	TOX	05/16/94		31.00	µg/L	94-03828	
WNW0307	TOX	07/01/94		56.80	µg/L	94-06681	
WNW0307	TOX	10/04/94		41.00	µg/L	94-10676	J
WNW0408	pH	03/28/91		7.78	N/A	91-02246	
WNW0408	pH	04/24/91		7.74	N/A	91-02997	
WNW0408	pH	06/05/91		7.68	N/A	91-04851	
WNW0408	pH	08/05/91		7.59	N/A	91-06822	
WNW0408	pH	09/16/91		7.26	N/A	91-08286	
WNW0408	pH	10/21/91		7.44	N/A	91-09563	
WNW0408	pH	12/11/91		6.88	N/A	91-12171	
WNW0408	pH	12/11/91		7.43	N/A	91-12171	
WNW0408	pH	02/13/92		7.62	N/A	92-00382	
WNW0408	pH	02/13/92		7.26	N/A	92-00382	
WNW0408	pH	03/25/92		7.62	N/A	92-03261	
WNW0408	pH	07/22/92		7.26	N/A	92-04440	
WNW0408	pH	07/22/92		7.28	N/A	92-04440	
WNW0408	pH	08/13/92		7.65	N/A	92-08401	
WNW0408	pH	08/13/92		7.38	N/A	92-08401	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0408	pH	09/16/92		7.37	N/A	92-09728	
WNW0408	pH	10/28/92		7.07	N/A	92-11289	
WNW0408	pH	11/18/92		7.71	N/A	92-12358	
WNW0408	pH	11/18/92		7.31	N/A	92-12358	
WNW0408	pH	12/16/92		7.27	N/A	92-14176	
WNW0408	pH	12/16/92		7.20	N/A	92-14176	
WNW0408	pH	02/08/93		7.35	N/A	93-00863	
WNW0408	pH	03/08/93		7.54	N/A	93-02911	
WNW0408	pH	03/08/93		7.72	N/A	93-02911	
WNW0408	pH	05/10/93		7.12	N/A	93-05173	
WNW0408	pH	06/21/93		7.96	N/A	93-06128	
WNW0408	pH	08/02/93		7.35	N/A	93-07814	
WNW0408	pH	12/06/93		7.09	N/A	93-12948	
WNW0408	pH	03/14/94		7.88	N/A	94-02095	
WNW0408	pH	05/09/94		7.43	N/A	94-04130	
WNW0408	pH	07/11/94		7.53	N/A	94-07045	
WNW0408	pH	07/11/94		7.49	N/A	94-07045	
WNW0408	pH	10/10/94		7.04	N/A	94-11389	
WNW0408	Cond	03/28/91		891.00	µmhoscm	91-02246	
WNW0408	Cond	04/24/91		974.00	µmhoscm	91-02997	
WNW0408	Cond	06/05/91		1042.00	µmhoscm	91-04851	
WNW0408	Cond	08/05/91		1072.00	µmhoscm	91-06822	
WNW0408	Cond	09/16/91		1111.00	µmhoscm	91-08286	
WNW0408	Cond	10/21/91		1141.00	µmhoscm	91-09563	
WNW0408	Cond	12/11/91		1159.00	µmhoscm	91-12171	
WNW0408	Cond	12/11/91		1117.00	µmhoscm	91-12171	
WNW0408	Cond	02/13/92		1048.00	µmhoscm	92-00382	
WNW0408	Cond	02/13/92		1090.00	µmhoscm	92-00382	
WNW0408	Cond	03/25/92		1060.00	µmhoscm	92-03261	
WNW0408	Cond	07/22/92		1301.00	µmhoscm	92-04440	
WNW0408	Cond	07/22/92		1188.00	µmhoscm	92-04440	
WNW0408	Cond	08/13/92		1342.00	µmhoscm	92-08401	
WNW0408	Cond	08/13/92		1312.00	µmhoscm	92-08401	
WNW0408	Cond	09/16/92		1324.00	µmhoscm	92-09728	
WNW0408	Cond	10/28/92		1215.00	µmhoscm	92-11289	
WNW0408	Cond	11/18/92		1211.00	µmhoscm	92-12358	
WNW0408	Cond	11/18/92		1270.00	µmhoscm	92-12358	
WNW0408	Cond	12/16/92		1140.00	µmhoscm	92-14176	
WNW0408	Cond	12/16/92		1189.00	µmhoscm	92-14176	
WNW0408	Cond	02/08/93		378.00	µmhoscm	93-00863	
WNW0408	Cond	03/08/93		1074.00	µmhoscm	93-02911	
WNW0408	Cond	03/08/93		1052.00	µmhoscm	93-02911	
WNW0408	Cond	05/10/93		1159.00	µmhoscm	93-05173	
WNW0408	Cond	06/21/93		1327.00	µmhoscm	93-06128	
WNW0408	Cond	08/02/93		1463.00	µmhoscm	93-07814	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0408	Cond	12/06/93		1354.00	µmhoscm	93-12948	
WNW0408	Cond	03/14/94		1285.00	µmhoscm	94-02095	
WNW0408	Cond	05/09/94		1491.00	µmhoscm	94-04130	
WNW0408	Cond	07/11/94		1844.00	µmhoscm	94-07045	
WNW0408	Cond	07/11/94		1799.00	µmhoscm	94-07045	
WNW0408	Cond	10/10/94		1776.00	µmhoscm	94-11389	
WNW0408	NPOC	04/24/91		13.30	mg/L	91-03000	J
WNW0408	NPOC	06/05/91		1.60	mg/L	91-04857	J
WNW0408	NPOC	08/05/91		3.50	mg/L	91-06825	
WNW0408	NPOC	09/16/91		2.70	mg/L	91-08289	
WNW0408	NPOC	10/21/91		4.00	mg/L	91-09566	
WNW0408	NPOC	12/11/91		2.20	mg/L	91-12175	
WNW0408	NPOC	02/13/92		2.00	mg/L	92-00384	
WNW0408	NPOC	03/25/92	ND < 1.00	1.00	mg/L	92-03262	
WNW0408	NPOC	07/22/92		1.50	mg/L	92-04441	
WNW0408	NPOC	08/13/92		1.50	mg/L	92-08402	
WNW0408	NPOC	09/16/92		2.60	mg/L	92-09738	
WNW0408	NPOC	10/28/92		2.30	mg/L	92-11290	
WNW0408	NPOC	11/18/92		1.10	mg/L	92-12359	
WNW0408	NPOC	12/16/92		1.70	mg/L	92-14177	
WNW0408	NPOC	02/08/93		3.30	mg/L	93-00864	
WNW0408	NPOC	03/08/93		1.40	mg/L	93-02912	
WNW0408	NPOC	05/10/93		1.90	mg/L	93-05174	
WNW0408	NPOC	06/21/93		2.60	mg/L	93-06129	J
WNW0408	NPOC	08/02/93		1.10	mg/L	93-07815	
WNW0408	NPOC	03/14/94	ND < 1.00	1.00	mg/L	94-02096	R
WNW0408	NPOC	05/10/94	ND < 1.00	1.00	mg/L	94-04131	
WNW0408	NPOC	07/11/94		6.60	mg/L	94-07047	R
WNW0408	NPOC	10/10/94		16.00	mg/L	94-11390	
WNW0408	TOX	04/24/91		295.00	µg/L	91-03000	
WNW0408	TOX	06/05/91		151.00	µg/L	91-04853	R
WNW0408	TOX	08/05/91		100.00	µg/L	91-06825	
WNW0408	TOX	09/16/91		72.90	µg/L	91-08289	
WNW0408	TOX	10/21/91		61.60	µg/L	91-09566	
WNW0408	TOX	12/11/91		52.10	µg/L	91-12175	
WNW0408	TOX	02/13/92		43.10	µg/L	92-00384	
WNW0408	TOX	03/25/92		28.50	µg/L	92-03262	J
WNW0408	TOX	07/22/92		46.40	µg/L	92-04441	
WNW0408	TOX	08/13/92		27.20	µg/L	92-08402	
WNW0408	TOX	09/16/92	ND < 10.00	10.00	µg/L	92-09738	
WNW0408	TOX	10/28/92		21.40	µg/L	92-11290	
WNW0408	TOX	11/18/92	ND < 10.00	10.00	µg/L	92-12359	
WNW0408	TOX	12/16/92		25.20	µg/L	92-14177	
WNW0408	TOX	02/08/93	ND < 10.00	10.00	µg/L	93-00864	
WNW0408	TOX	03/08/93	ND < 10.00	10.00	µg/L	93-02912	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0408	TOX	05/10/93	ND < 10.00	10.00	µg/L	93-05174	
WNW0408	TOX	06/21/93	ND < 10.00	10.00	µg/L	93-06129	
WNW0408	TOX	08/02/93		1580.00	µg/L	93-07815	F
WNW0408	TOX	03/14/94	ND < 10.00	10.00	µg/L	94-02096	R
WNW0408	TOX	05/10/94	ND < 10.00	10.00	µg/L	94-04131	R
WNW0408	TOX	07/11/94	ND < 50.00	50.00	µg/L	94-07047	
WNW0408	TOX	10/10/94		15.80	µg/L	94-11390	J
WNW8609	pH	01/14/91		7.22	N/A	91-00264	
WNW8609	pH	01/14/91		7.23	N/A	91-00264	
WNW8609	pH	02/21/91		7.16	N/A	91-01365	
WNW8609	pH	02/21/91		7.14	N/A	91-01365	
WNW8609	pH	04/17/91		7.23	N/A	91-02778	
WNW8609	pH	04/17/91		7.26	N/A	91-02778	
WNW8609	pH	05/15/91		7.03	N/A	91-03851	
WNW8609	pH	05/15/91		7.06	N/A	91-03851	
WNW8609	pH	07/10/91		6.99	N/A	91-05933	
WNW8609	pH	07/10/91		7.00	N/A	91-05933	
WNW8609	pH	08/19/91		7.18	N/A	91-07330	
WNW8609	pH	08/19/91		7.16	N/A	91-07330	
WNW8609	pH	10/07/91		7.15	N/A	91-09113	
WNW8609	pH	10/07/91		7.15	N/A	91-09113	
WNW8609	pH	11/18/91		6.93	N/A	91-10695	
WNW8609	pH	11/18/91		6.94	N/A	91-10695	
WNW8609	pH	01/15/92		6.72	N/A	92-00346	
WNW8609	pH	01/15/92		6.69	N/A	92-00346	
WNW8609	pH	02/24/92		7.09	N/A	92-01586	
WNW8609	pH	02/24/92		7.12	N/A	92-01586	
WNW8609	pH	04/06/92		7.03	N/A	92-03906	
WNW8609	pH	04/06/92		7.11	N/A	92-03906	
WNW8609	pH	07/17/92		6.98	N/A	92-06455	
WNW8609	pH	07/17/92		6.98	N/A	92-06455	
WNW8609	pH	08/26/92		7.02	N/A	92-09076	
WNW8609	pH	08/26/92		7.01	N/A	92-09076	
WNW8609	pH	10/06/92		7.04	N/A	92-10583	
WNW8609	pH	10/06/92		7.05	N/A	92-10583	
WNW8609	pH	11/04/92		7.01	N/A	92-11635	
WNW8609	pH	11/04/92		7.03	N/A	92-11635	
WNW8609	pH	12/09/92		7.12	N/A	92-13083	
WNW8609	pH	12/09/92		7.09	N/A	92-13083	
WNW8609	pH	01/11/93		6.94	N/A	93-00229	
WNW8609	pH	01/11/93		7.00	N/A	93-00229	
WNW8609	pH	02/18/93		7.02	N/A	93-01832	
WNW8609	pH	02/18/93		7.06	N/A	93-01832	
WNW8609	pH	04/21/93		7.17	N/A	93-03846	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	pH	04/21/93		7.15	N/A	93-03846	
WNW8609	pH	05/25/93		7.45	N/A	93-05600	
WNW8609	pH	05/25/93		7.45	N/A	93-05600	
WNW8609	pH	07/12/93		6.98	N/A	93-07015	
WNW8609	pH	07/12/93		6.96	N/A	93-07015	
WNW8609	pH	11/11/93		7.09	N/A	93-11999	
WNW8609	pH	11/11/93		7.07	N/A	93-11999	
WNW8609	pH	03/09/94		7.25	N/A	94-00290	
WNW8609	pH	03/09/94		7.23	N/A	94-00290	
WNW8609	pH	05/19/94		7.24	N/A	94-03097	
WNW8609	pH	05/19/94		7.24	N/A	94-03097	
WNW8609	pH	07/11/94		7.09	N/A	94-06850	
WNW8609	pH	07/11/94		7.15	N/A	94-06850	
WNW8609	pH	10/06/94		7.10	N/A	94-10794	
WNW8609	pH	10/06/94		7.04	N/A	94-10794	
WNW8609	Cond	01/14/91		668.00	µmhoscm	91-00264	
WNW8609	Cond	01/14/91		676.00	µmhoscm	91-00264	
WNW8609	Cond	02/21/91		678.00	µmhoscm	91-01365	
WNW8609	Cond	02/21/91		679.00	µmhoscm	91-01365	
WNW8609	Cond	04/17/91		687.00	µmhoscm	91-02778	
WNW8609	Cond	04/17/91		686.00	µmhoscm	91-02778	
WNW8609	Cond	05/15/91		684.00	µmhoscm	91-03851	
WNW8609	Cond	05/15/91		683.00	µmhoscm	91-03851	
WNW8609	Cond	07/10/91		698.00	µmhoscm	91-05933	
WNW8609	Cond	07/10/91		699.00	µmhoscm	91-05933	
WNW8609	Cond	08/19/91		705.00	µmhoscm	91-07330	
WNW8609	Cond	08/19/91		716.00	µmhoscm	91-07330	
WNW8609	Cond	10/07/91		727.00	µmhoscm	91-09113	
WNW8609	Cond	10/07/91		729.00	µmhoscm	91-09113	
WNW8609	Cond	11/18/91		723.00	µmhoscm	91-10695	
WNW8609	Cond	11/18/91		721.00	µmhoscm	91-10695	
WNW8609	Cond	01/15/92		721.00	µmhoscm	92-00346	
WNW8609	Cond	01/15/92		721.00	µmhoscm	92-00346	
WNW8609	Cond	02/24/92		684.00	µmhoscm	92-01586	
WNW8609	Cond	02/24/92		643.00	µmhoscm	92-01586	
WNW8609	Cond	04/06/92		743.00	µmhoscm	92-03906	
WNW8609	Cond	04/06/92		743.00	µmhoscm	92-03906	
WNW8609	Cond	07/17/92		756.00	µmhoscm	92-06455	
WNW8609	Cond	07/17/92		756.00	µmhoscm	92-06455	
WNW8609	Cond	08/26/92		748.00	µmhoscm	92-09076	
WNW8609	Cond	08/26/92		740.00	µmhoscm	92-09076	
WNW8609	Cond	10/06/92		748.00	µmhoscm	92-10583	
WNW8609	Cond	10/06/92		754.00	µmhoscm	92-10583	
WNW8609	Cond	11/04/92		745.00	µmhoscm	92-11635	
WNW8609	Cond	11/04/92		738.00	µmhoscm	92-11635	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	Cond	12/09/92		691.00	µmhoscm	92-13083	
WNW8609	Cond	12/09/92		707.00	µmhoscm	92-13083	
WNW8609	Cond	01/11/93		687.00	µmhoscm	93-00229	
WNW8609	Cond	01/11/93		683.00	µmhoscm	93-00229	
WNW8609	Cond	02/18/93		700.00	µmhoscm	93-01832	
WNW8609	Cond	02/18/93		704.00	µmhoscm	93-01832	
WNW8609	Cond	04/21/93		686.00	µmhoscm	93-03846	
WNW8609	Cond	04/21/93		689.00	µmhoscm	93-03846	
WNW8609	Cond	05/25/93		701.00	µmhoscm	93-05600	
WNW8609	Cond	05/25/93		690.00	µmhoscm	93-05600	
WNW8609	Cond	07/12/93		706.00	µmhoscm	93-07015	
WNW8609	Cond	07/12/93		712.00	µmhoscm	93-07015	
WNW8609	Cond	11/11/93		710.00	µmhoscm	93-11999	
WNW8609	Cond	11/11/93		716.00	µmhoscm	93-11999	
WNW8609	Cond	03/09/94		698.00	µmhoscm	94-00290	
WNW8609	Cond	03/09/94		700.00	µmhoscm	94-00290	
WNW8609	Cond	05/19/94		726.00	µmhoscm	94-03097	
WNW8609	Cond	05/19/94		728.00	µmhoscm	94-03097	
WNW8609	Cond	07/11/94		749.00	µmhoscm	94-06850	
WNW8609	Cond	07/11/94		746.00	µmhoscm	94-06850	
WNW8609	Cond	10/06/94		771.00	µmhoscm	94-10794	
WNW8609	Cond	10/06/94		780.00	µmhoscm	94-10794	
WNW8609	NPOC	01/14/91		1.00	mg/L	91-00268	
WNW8609	NPOC	02/21/91		3.10	mg/L	91-01369	
WNW8609	NPOC	04/17/91		16.00	mg/L	91-02781	
WNW8609	NPOC	05/15/91		2.00	mg/L	91-03855	
WNW8609	NPOC	07/10/91		4.60	mg/L	91-05932	
WNW8609	NPOC	08/19/91		5.40	mg/L	91-07334	
WNW8609	NPOC	10/07/91	ND<1.00	1.00	mg/L	91-09116	
WNW8609	NPOC	11/18/91		8.10	mg/L	91-10699	
WNW8609	NPOC	01/15/92		2.00	mg/L	92-00415	
WNW8609	NPOC	01/15/92		1.60	mg/L	92-00347	
WNW8609	NPOC	01/15/92		2.10	mg/L	92-00415	
WNW8609	NPOC	02/24/92		2.10	mg/L	92-01587	
WNW8609	NPOC	04/06/92		1.80	mg/L	92-03907	
WNW8609	NPOC	04/06/92		1.80	mg/L	92-03907	
WNW8609	NPOC	07/17/92		2.10	mg/L	92-06456	
WNW8609	NPOC	08/26/92		1.70	mg/L	92-09077	
WNW8609	NPOC	08/26/92		1.80	mg/L	92-09077	
WNW8609	NPOC	10/06/92		2.00	mg/L	92-10584	
WNW8609	NPOC	11/04/92		1.90	mg/L	92-11636	
WNW8609	NPOC	12/09/92		1.80	mg/L	92-13084	
WNW8609	NPOC	01/11/93		1.60	mg/L	93-00230	
WNW8609	NPOC	02/18/93		2.00	mg/L	93-01833	
WNW8609	NPOC	04/21/93		1.60	mg/L	93-03847	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	NPOC	04/21/93		1.50	mg/L	93-03847	
WNW8609	NPOC	05/25/93		1.70	mg/L	93-05601	
WNW8609	NPOC	05/25/93		1.80	mg/L	93-05664	
WNW8609	NPOC	07/12/93		1.70	mg/L	93-07016	
WNW8609	NPOC	11/11/93		1.80	mg/L	93-12001	
WNW8609	NPOC	03/09/94		1.50	mg/L	94-00291	
WNW8609	NPOC	03/09/94		1.50	mg/L	94-00291	
WNW8609	NPOC	05/19/94		1.40	mg/L	94-03766	
WNW8609	NPOC	05/19/94		1.50	mg/L	94-03098	
WNW8609	NPOC	05/19/94		1.60	mg/L	94-03098	
WNW8609	NPOC	07/11/94		1.50	mg/L	94-06851	
WNW8609	NPOC	10/06/94	ND < 1.00	1.00	mg/L	94-10885	
WNW8609	TOX	01/14/91		17.00	µg/L	91-00267	
WNW8609	TOX	02/21/91		25.00	µg/L	91-01368	
WNW8609	TOX	04/17/91		8.30	µg/L	91-02781	
WNW8609	TOX	05/15/91		11.00	µg/L	91-03855	
WNW8609	TOX	07/10/91		14.00	µg/L	91-05932	J
WNW8609	TOX	08/19/91		11.00	µg/L	91-07334	
WNW8609	TOX	10/07/91		24.00	µg/L	91-09116	
WNW8609	TOX	11/18/91		11.00	µg/L	91-10699	
WNW8609	TOX	01/15/92		13.20	µg/L	92-00347	
WNW8609	TOX	01/15/92		9.20	µg/L	92-00415	
WNW8609	TOX	02/24/92		12.00	µg/L	92-01587	
WNW8609	TOX	04/06/92		10.20	µg/L	92-03907	
WNW8609	TOX	07/17/92		9.50	µg/L	92-07856	
WNW8609	TOX	08/26/92		10.30	µg/L	92-09077	
WNW8609	TOX	10/06/92		8.50	µg/L	92-10584	
WNW8609	TOX	11/04/92		10.70	µg/L	92-11636	
WNW8609	TOX	12/09/92		8.70	µg/L	92-13084	
WNW8609	TOX	01/11/93		13.00	µg/L	93-00230	
WNW8609	TOX	02/18/93		11.40	µg/L	93-01833	
WNW8609	TOX	04/21/93		11.00	µg/L	93-03847	
WNW8609	TOX	05/25/93		14.70	µg/L	93-05601	
WNW8609	TOX	05/25/93		10.40	µg/L	93-05664	
WNW8609	TOX	07/12/93		11.60	µg/L	93-07016	
WNW8609	TOX	11/11/93		10.20	µg/L	93-12001	
WNW8609	TOX	03/09/94		12.60	µg/L	94-00291	
WNW8609	TOX	05/19/94		13.60	µg/L	94-03766	
WNW8609	TOX	05/19/94		14.20	µg/L	94-03098	
WNW8609	TOX	07/11/94		11.40	µg/L	94-06851	
WNW8609	TOX	10/06/94		11.00	µg/L	94-10795	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
Background							
WNW0301	pH	02/07/91		7.43	N/A	91-00988	
WNW0301	pH	05/01/91		7.32	N/A	91-03294	
WNW0301	pH	05/22/91		7.44	N/A	91-04101	
WNW0301	pH	07/17/91		7.18	N/A	91-06188	
WNW0301	pH	08/26/91		7.13	N/A	91-07585	
WNW0301	pH	08/26/91		7.12	N/A	91-07585	
WNW0301	pH	10/30/91		6.94	N/A	91-09657	
WNW0301	pH	10/30/91		7.07	N/A	91-09657	
WNW0301	pH	11/25/91		7.26	N/A	91-11251	
WNW0301	pH	11/25/91		7.19	N/A	91-11251	
WNW0301	pH	01/22/92		7.10	N/A	92-00083	
WNW0301	pH	01/22/92		6.98	N/A	92-00083	
WNW0301	pH	03/04/92		6.98	N/A	92-01937	
WNW0301	pH	03/04/92		7.03	N/A	92-01937	
WNW0301	pH	04/15/92		7.34	N/A	92-04021	
WNW0301	pH	04/15/92		7.23	N/A	92-04021	
WNW0301	pH	07/24/92		6.86	N/A	92-06793	
WNW0301	pH	07/24/92		6.98	N/A	92-06793	
WNW0301	pH	08/31/92		6.78	N/A	92-09242	
WNW0301	pH	08/31/92		6.94	N/A	92-09242	
WNW0301	pH	10/13/92		7.08	N/A	92-10867	
WNW0301	pH	10/13/92		7.04	N/A	92-10867	
WNW0301	pH	11/09/92		6.90	N/A	92-11703	
WNW0301	pH	11/09/92		6.88	N/A	92-11703	
WNW0301	pH	12/09/92		6.84	N/A	92-13377	
WNW0301	pH	12/09/92		6.82	N/A	92-13377	
WNW0301	pH	01/18/93		7.02	N/A	93-00365	
WNW0301	pH	01/18/93		7.00	N/A	93-00365	
WNW0301	pH	02/25/93		7.13	N/A	93-02048	
WNW0301	pH	02/25/93		7.08	N/A	93-02048	
WNW0301	pH	04/28/93		6.87	N/A	93-03882	
WNW0301	pH	04/28/93		6.86	N/A	93-03882	
WNW0301	pH	06/02/93		6.93	N/A	93-05829	
WNW0301	pH	06/02/93		6.98	N/A	93-05829	
WNW0301	pH	07/19/93		6.91	N/A	93-07195	
WNW0301	pH	07/19/93		6.98	N/A	93-07195	
WNW0301	pH	10/29/93		7.00	N/A	93-11084	
WNW0301	pH	10/29/93		6.92	N/A	93-11084	
WNW0301	pH	02/21/94		7.11	N/A	94-01209	
WNW0301	pH	02/21/94		7.22	N/A	94-01209	
WNW0301	pH	05/16/94		7.62	N/A	94-03809	
WNW0301	pH	05/16/94		7.75	N/A	94-03809	
WNW0301	pH	07/01/94		6.98	N/A	94-06671	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0301	pH	07/01/94		7.05	N/A	94-06671	
WNW0301	pH	10/04/94		7.00	N/A	94-10649	
WNW0301	pH	10/04/94		7.01	N/A	94-10649	
WNW0301	Cond	02/07/91		641.00	µmhoscm	91-00988	
WNW0301	Cond	05/01/91		630.00	µmhoscm	91-03294	
WNW0301	Cond	05/22/91		731.00	µmhoscm	91-04101	
WNW0301	Cond	07/17/91		665.00	µmhoscm	91-06188	
WNW0301	Cond	08/26/91		779.00	µmhoscm	91-07585	
WNW0301	Cond	08/26/91		888.00	µmhoscm	91-07585	
WNW0301	Cond	10/30/91		698.00	µmhoscm	91-09657	
WNW0301	Cond	10/30/91		692.00	µmhoscm	91-09657	
WNW0301	Cond	11/25/91		954.00	µmhoscm	91-11251	
WNW0301	Cond	11/25/91		911.00	µmhoscm	91-11251	
WNW0301	Cond	01/22/92		693.00	µmhoscm	92-00083	
WNW0301	Cond	01/22/92		666.00	µmhoscm	92-00083	
WNW0301	Cond	03/04/92		773.00	µmhoscm	92-01937	
WNW0301	Cond	03/04/92		756.00	µmhoscm	92-01937	
WNW0301	Cond	04/15/92		739.00	µmhoscm	92-04021	
WNW0301	Cond	04/15/92		771.00	µmhoscm	92-04021	
WNW0301	Cond	07/24/92		699.00	µmhoscm	92-06793	
WNW0301	Cond	07/24/92		709.00	µmhoscm	92-06793	
WNW0301	Cond	08/31/92		590.00	µmhoscm	92-09242	
WNW0301	Cond	08/31/92		639.00	µmhoscm	92-09242	
WNW0301	Cond	10/13/92		922.00	µmhoscm	92-10867	
WNW0301	Cond	10/13/92		754.00	µmhoscm	92-10867	
WNW0301	Cond	11/09/92		624.00	µmhoscm	92-11703	
WNW0301	Cond	11/09/92		624.00	µmhoscm	92-11703	
WNW0301	Cond	12/09/92		649.00	µmhoscm	92-13377	
WNW0301	Cond	12/09/92		622.00	µmhoscm	92-13377	
WNW0301	Cond	01/18/93		690.00	µmhoscm	93-00365	
WNW0301	Cond	01/18/93		680.00	µmhoscm	93-00365	
WNW0301	Cond	02/25/93		825.00	µmhoscm	93-02048	
WNW0301	Cond	02/25/93		896.00	µmhoscm	93-02048	
WNW0301	Cond	04/28/93		919.00	µmhoscm	93-03882	
WNW0301	Cond	04/28/93		933.00	µmhoscm	93-03882	
WNW0301	Cond	06/02/93		871.00	µmhoscm	93-05829	
WNW0301	Cond	06/02/93		1077.00	µmhoscm	93-05829	
WNW0301	Cond	07/19/93		753.00	µmhoscm	93-07195	
WNW0301	Cond	07/19/93		804.00	µmhoscm	93-07195	
WNW0301	Cond	10/29/93		711.00	µmhoscm	93-11084	
WNW0301	Cond	10/29/93		724.00	µmhoscm	93-11084	
WNW0301	Cond	02/21/94		973.00	µmhoscm	94-01209	
WNW0301	Cond	02/21/94		951.00	µmhoscm	94-01209	
WNW0301	Cond	05/16/94		1120.00	µmhoscm	94-03809	
WNW0301	Cond	05/16/94		1140.00	µmhoscm	94-03809	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0301	Cond	07/01/94		880.00	µmhoscm	94-06671	
WNW0301	Cond	07/01/94		860.00	µmhoscm	94-06671	
WNW0301	Cond	10/04/94		686.00	µmhoscm	94-10649	
WNW0301	Cond	10/04/94		729.00	µmhoscm	94-10649	
WNW0301	NPOC	05/01/91		1.00	mg/L	91-03297	
WNW0301	NPOC	05/22/91		1.60	mg/L	91-04105	
WNW0301	NPOC	07/17/91		1.50	mg/L	91-06192	
WNW0301	NPOC	08/26/91		1.60	mg/L	91-07589	
WNW0301	NPOC	10/30/91		1.60	mg/L	91-09660	
WNW0301	NPOC	11/25/91		2.80	mg/L	91-11255	J
WNW0301	NPOC	01/22/92		0.80	mg/L	92-00084	
WNW0301	NPOC	03/04/92		0.90	mg/L	92-01938	
WNW0301	NPOC	04/15/92		0.80	mg/L	92-04022	
WNW0301	NPOC	04/15/92		1.10	mg/L	92-04085	
WNW0301	NPOC	07/24/92		1.00	mg/L	92-06794	
WNW0301	NPOC	08/31/92		1.20	mg/L	92-09243	
WNW0301	NPOC	10/13/92		0.90	mg/L	92-10868	
WNW0301	NPOC	10/13/92		0.80	mg/L	92-10868	
WNW0301	NPOC	11/09/92		0.70	mg/L	92-11704	
WNW0301	NPOC	12/09/92		0.90	mg/L	92-13378	
WNW0301	NPOC	01/18/93		0.70	mg/L	93-00366	
WNW0301	NPOC	02/25/93		0.80	mg/L	93-02049	
WNW0301	NPOC	04/28/93		0.90	mg/L	93-03883	
WNW0301	NPOC	06/02/93		0.90	mg/L	93-05830	
WNW0301	NPOC	07/19/93		1.00	mg/L	93-07196	
WNW0301	NPOC	10/29/93		0.70	mg/L	93-11085	
WNW0301	NPOC	02/21/94		0.80	mg/L	94-01210	
WNW0301	NPOC	05/16/94		1.00	mg/L	94-03811	
WNW0301	NPOC	05/16/94		0.70	mg/L	94-03811	
WNW0301	NPOC	07/01/94		1.60	mg/L	94-06672	
WNW0301	NPOC	10/04/94		1.70	mg/L	94-10878	
WNW0301	TOX	05/01/91		16.00	µg/L	91-03297	
WNW0301	TOX	05/22/91		13.00	µg/L	91-04105	J
WNW0301	TOX	07/17/91		10.00	µg/L	91-06192	
WNW0301	TOX	08/26/91		31.00	µg/L	91-07589	
WNW0301	TOX	10/30/91		14.00	µg/L	91-09660	
WNW0301	TOX	11/25/91	ND<5.00	5.00	µg/L	91-11255	
WNW0301	TOX	01/22/92	ND<4.00	4.00	µg/L	92-00084	
WNW0301	TOX	03/04/92		5.70	µg/L	92-01938	
WNW0301	TOX	04/15/92		10.10	µg/L	92-04022	
WNW0301	TOX	04/15/92		10.60	µg/L	92-04085	
WNW0301	TOX	07/24/92	ND<4.00	4.00	µg/L	92-06794	
WNW0301	TOX	08/31/92	ND<4.00	4.00	µg/L	92-09243	
WNW0301	TOX	10/13/92	ND<4.00	4.00	µg/L	92-10868	
WNW0301	TOX	11/09/92	ND<4.00	4.00	µg/L	92-11704	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0301	TOX	12/09/92	ND < 4.00	4.00	µg/L	92-13378	
WNW0301	TOX	01/18/93		3.00	µg/L	93-00366	
WNW0301	TOX	02/25/93		2.00	µg/L	93-02049	
WNW0301	TOX	04/28/93		17.60	µg/L	93-03883	
WNW0301	TOX	06/02/93	ND < 6.00	6.00	µg/L	93-05830	
WNW0301	TOX	07/19/93		5.20	µg/L	93-07196	
WNW0301	TOX	10/29/93	ND < 2.00	2.00	µg/L	93-11085	
WNW0301	TOX	02/21/94		2.00	µg/L	94-01210	
WNW0301	TOX	05/16/94		2.30	µg/L	94-03811	
WNW0301	TOX	07/01/94		5.40	µg/L	94-06672	
WNW0301	TOX	10/04/94		17.00	µg/L	94-10650	J
WNW0401	pH	02/07/91		6.34	N/A	91-00992	
WNW0401	pH	02/07/91		6.43	N/A	91-00992	
WNW0401	pH	05/01/91		6.95	N/A	91-03306	
WNW0401	pH	05/01/91		6.92	N/A	91-03306	
WNW0401	pH	05/21/91		6.91	N/A	91-04137	
WNW0401	pH	07/15/91		6.18	N/A	91-06208	
WNW0401	pH	08/26/91		6.94	N/A	91-07603	
WNW0401	pH	08/26/91		6.95	N/A	91-07603	
WNW0401	pH	10/29/91		6.81	N/A	91-09673	
WNW0401	pH	10/29/91		6.86	N/A	91-09673	
WNW0401	pH	11/27/91		6.68	N/A	91-11299	
WNW0401	pH	11/27/91		6.39	N/A	91-11299	
WNW0401	pH	01/22/92		6.56	N/A	92-00099	
WNW0401	pH	01/22/92		6.58	N/A	92-00099	
WNW0401	pH	03/04/92		6.85	N/A	92-01981	
WNW0401	pH	03/04/92		6.61	N/A	92-01981	
WNW0401	pH	04/13/92		6.84	N/A	92-04037	
WNW0401	pH	04/13/92		6.70	N/A	92-04037	
WNW0401	pH	07/16/92		6.15	N/A	92-06923	
WNW0401	pH	07/16/92		6.14	N/A	92-06923	
WNW0401	pH	08/26/92		6.90	N/A	92-09007	
WNW0401	pH	08/26/92		6.97	N/A	92-09007	
WNW0401	pH	10/05/92		6.83	N/A	92-10543	
WNW0401	pH	10/05/92		6.77	N/A	92-10543	
WNW0401	pH	11/04/92		6.87	N/A	92-11595	
WNW0401	pH	11/04/92		6.87	N/A	92-11595	
WNW0401	pH	12/07/92		6.77	N/A	92-12849	
WNW0401	pH	12/07/92		6.79	N/A	92-12849	
WNW0401	pH	01/13/93		6.62	N/A	93-00161	
WNW0401	pH	01/13/93		6.76	N/A	93-00161	
WNW0401	pH	02/18/93		7.13	N/A	93-01742	
WNW0401	pH	02/18/93		7.06	N/A	93-01742	
WNW0401	pH	04/21/93		6.99	N/A	93-03773	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0401	pH	04/21/93		6.72	N/A	93-03773	
WNW0401	pH	05/24/93		7.23	N/A	93-05608	
WNW0401	pH	05/24/93		7.18	N/A	93-05608	
WNW0401	pH	07/12/93		6.25	N/A	93-06975	
WNW0401	pH	07/12/93		6.40	N/A	93-06975	
WNW0401	pH	11/04/93		6.59	N/A	93-11500	
WNW0401	pH	11/04/93		6.71	N/A	93-11500	
WNW0401	pH	02/21/94		6.14	N/A	94-00263	
WNW0401	pH	02/21/94		6.19	N/A	94-00263	
WNW0401	pH	05/04/94		7.14	N/A	94-02988	
WNW0401	pH	05/04/94		7.04	N/A	94-02988	
WNW0401	pH	07/05/94		7.13	N/A	94-06604	
WNW0401	pH	07/05/94		7.12	N/A	94-06604	
WNW0401	pH	10/05/94		6.94	N/A	94-10713	
WNW0401	pH	10/05/94		6.95	N/A	94-10713	
WNW0401	Cond	02/07/91		2210.00	µmhoscm	91-00992	
WNW0401	Cond	02/07/91		2200.00	µmhoscm	91-00992	
WNW0401	Cond	05/01/91		1175.00	µmhoscm	91-03306	
WNW0401	Cond	05/01/91		1176.00	µmhoscm	91-03306	
WNW0401	Cond	05/21/91		2120.00	µmhoscm	91-04137	
WNW0401	Cond	07/15/91		1006.00	µmhoscm	91-06208	
WNW0401	Cond	08/26/91		1155.00	µmhoscm	91-07603	
WNW0401	Cond	08/26/91		1164.00	µmhoscm	91-07603	
WNW0401	Cond	10/29/91		1133.00	µmhoscm	91-09673	
WNW0401	Cond	10/29/91		1153.00	µmhoscm	91-09673	
WNW0401	Cond	11/27/91		975.00	µmhoscm	91-11299	J
WNW0401	Cond	11/27/91		880.00	µmhoscm	91-11299	J
WNW0401	Cond	01/22/92		1316.00	µmhoscm	92-00099	
WNW0401	Cond	01/22/92		1252.00	µmhoscm	92-00099	
WNW0401	Cond	03/04/92		2010.00	µmhoscm	92-01981	
WNW0401	Cond	03/04/92		1932.00	µmhoscm	92-01981	
WNW0401	Cond	04/13/92		2040.00	µmhoscm	92-04037	
WNW0401	Cond	04/13/92		2000.00	µmhoscm	92-04037	
WNW0401	Cond	07/16/92		1479.00	µmhoscm	92-06923	
WNW0401	Cond	07/16/92		1485.00	µmhoscm	92-06923	
WNW0401	Cond	08/26/92		1712.00	µmhoscm	92-09007	
WNW0401	Cond	08/26/92		1714.00	µmhoscm	92-09007	
WNW0401	Cond	10/05/92		1579.00	µmhoscm	92-10543	
WNW0401	Cond	10/05/92		1557.00	µmhoscm	92-10543	
WNW0401	Cond	11/04/92		1474.00	µmhoscm	92-11595	
WNW0401	Cond	11/04/92		1550.00	µmhoscm	92-11595	
WNW0401	Cond	12/07/92		1407.00	µmhoscm	92-12849	
WNW0401	Cond	12/07/92		1368.00	µmhoscm	92-12849	
WNW0401	Cond	01/13/93		1278.00	µmhoscm	93-00161	
WNW0401	Cond	01/13/93		1384.00	µmhoscm	93-00161	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0401	Cond	02/18/93		1348.00	µmhoscm	93-01742	
WNW0401	Cond	02/18/93		1321.00	µmhoscm	93-01742	
WNW0401	Cond	04/21/93		1972.00	µmhoscm	93-03773	
WNW0401	Cond	04/21/93		1731.00	µmhoscm	93-03773	
WNW0401	Cond	05/24/93		1673.00	µmhoscm	93-05608	
WNW0401	Cond	05/24/93		1726.00	µmhoscm	93-05608	
WNW0401	Cond	07/12/93		2210.00	µmhoscm	93-06975	
WNW0401	Cond	07/12/93		2100.00	µmhoscm	93-06975	
WNW0401	Cond	11/04/93		2040.00	µmhoscm	93-11500	
WNW0401	Cond	11/04/93		1726.00	µmhoscm	93-11500	
WNW0401	Cond	02/21/94		3960.00	µmhoscm	94-00263	
WNW0401	Cond	02/21/94		4070.00	µmhoscm	94-00263	
WNW0401	Cond	05/04/94		2610.00	µmhoscm	94-02988	
WNW0401	Cond	05/04/94		2460.00	µmhoscm	94-02988	
WNW0401	Cond	07/05/94		3130.00	µmhoscm	94-06604	
WNW0401	Cond	07/05/94		3200.00	µmhoscm	94-06604	
WNW0401	Cond	10/05/94		2880.00	µmhoscm	94-10713	
WNW0401	Cond	10/05/94		2770.00	µmhoscm	94-10713	
WNW0401	NPOC	05/01/91		1.90	mg/L	91-03309	
WNW0401	NPOC	05/21/91		8.00	mg/L	91-04141	
WNW0401	NPOC	07/15/91		10.00	mg/L	91-06212	
WNW0401	NPOC	08/26/91		2.60	mg/L	91-07607	
WNW0401	NPOC	10/29/91	ND < 1.00	1.00	mg/L	91-09676	
WNW0401	NPOC	11/27/91		2.90	mg/L	91-11303	
WNW0401	NPOC	01/22/92		0.70	mg/L	92-00100	
WNW0401	NPOC	03/04/92		0.60	mg/L	92-02888	
WNW0401	NPOC	03/04/92		0.60	mg/L	92-01982	
WNW0401	NPOC	04/13/92		0.90	mg/L	92-04038	
WNW0401	NPOC	07/16/92		1.30	mg/L	92-06924	
WNW0401	NPOC	07/16/92		1.10	mg/L	92-06924	
WNW0401	NPOC	08/26/92		0.70	mg/L	92-09008	
WNW0401	NPOC	10/05/92		0.60	mg/L	92-10544	
WNW0401	NPOC	11/04/92		0.70	mg/L	92-11596	
WNW0401	NPOC	12/07/92		0.60	mg/L	92-13224	
WNW0401	NPOC	12/07/92		0.70	mg/L	92-12850	
WNW0401	NPOC	01/13/93		0.80	mg/L	93-00162	
WNW0401	NPOC	02/18/93		0.60	mg/L	93-01912	
WNW0401	NPOC	02/18/93		0.60	mg/L	93-01743	
WNW0401	NPOC	04/21/93		0.60	mg/L	93-03774	
WNW0401	NPOC	05/24/93		0.80	mg/L	93-05609	
WNW0401	NPOC	07/12/93		0.80	mg/L	93-06976	
WNW0401	NPOC	11/04/93		0.90	mg/L	93-11501	
WNW0401	NPOC	02/21/94		1.80	mg/L	94-00264	
WNW0401	NPOC	05/04/94		0.80	mg/L	94-02989	
WNW0401	NPOC	07/05/94		0.80	mg/L	94-06605	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0401	NPOC	10/05/94	ND<1.00	1.00	mg/L	94-10942	
WNW0401	NPOC	10/05/94	ND<1.00	1.00	mg/L	94-10858	
WNW0401	TOX	05/01/91		46.00	µg/L	91-03309	
WNW0401	TOX	05/21/91		44.00	µg/L	91-04141	J
WNW0401	TOX	07/15/91		13.00	µg/L	91-06212	
WNW0401	TOX	08/26/91	ND<5.00	5.00	µg/L	91-07607	J
WNW0401	TOX	10/29/91		7.40	µg/L	91-09676	
WNW0401	TOX	11/27/91		6.10	µg/L	91-11303	J
WNW0401	TOX	01/22/92		6.20	µg/L	92-00100	
WNW0401	TOX	03/04/92		9.80	µg/L	92-01982	
WNW0401	TOX	03/04/92	ND<4.00	4.00	µg/L	92-02888	
WNW0401	TOX	04/13/92		18.00	µg/L	92-04038	
WNW0401	TOX	07/16/92		6.10	µg/L	92-07850	
WNW0401	TOX	08/26/92		6.20	µg/L	92-09008	
WNW0401	TOX	10/05/92		6.40	µg/L	92-10544	
WNW0401	TOX	11/04/92		6.20	µg/L	92-11596	
WNW0401	TOX	12/07/92		4.80	µg/L	92-13224	
WNW0401	TOX	12/07/92	ND<4.00	4.00	µg/L	92-12850	
WNW0401	TOX	01/13/93		15.40	µg/L	93-00162	
WNW0401	TOX	02/18/93		10.60	µg/L	93-01743	
WNW0401	TOX	02/18/93		4.50	µg/L	93-01912	
WNW0401	TOX	04/21/93		19.80	µg/L	93-03774	
WNW0401	TOX	05/24/93		7.40	µg/L	93-05609	
WNW0401	TOX	07/12/93		15.80	µg/L	93-06976	
WNW0401	TOX	11/04/93		12.80	µg/L	93-11501	
WNW0401	TOX	02/21/94		22.40	µg/L	94-00264	
WNW0401	TOX	05/04/94		17.80	µg/L	94-02989	
WNW0401	TOX	07/05/94		9.00	µg/L	94-06605	
WNW0401	TOX	10/05/94		20.00	µg/L	94-10934	J
WNW0401	TOX	10/05/94		25.00	µg/L	94-10714	J
WNW0706	pH	02/05/92		6.91	N/A	92-00167	
WNW0706	pH	02/05/92		6.68	N/A	92-00167	
WNW0706	pH	03/16/92		6.44	N/A	92-02204	
WNW0706	pH	03/16/92		6.35	N/A	92-02204	
WNW0706	pH	04/27/92		6.32	N/A	92-04284	
WNW0706	pH	04/27/92		6.36	N/A	92-04284	
WNW0706	pH	08/10/92		6.43	N/A	92-07525	
WNW0706	pH	08/10/92		6.53	N/A	92-07525	
WNW0706	pH	08/24/92		6.55	N/A	92-09056	
WNW0706	pH	08/24/92		6.59	N/A	92-09056	
WNW0706	pH	10/05/92		6.36	N/A	92-10636	
WNW0706	pH	10/05/92		6.33	N/A	92-10636	
WNW0706	pH	11/04/92		6.25	N/A	92-11659	
WNW0706	pH	11/04/92		6.28	N/A	92-11659	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0706	pH	12/03/92		6.23	N/A	92-13005	
WNW0706	pH	01/11/93		6.27	N/A	93-00209	
WNW0706	pH	01/11/93		6.31	N/A	93-00209	
WNW0706	pH	02/16/93		6.87	N/A	93-01892	
WNW0706	pH	04/19/93		6.32	N/A	93-03822	
WNW0706	pH	04/19/93		6.32	N/A	93-03822	
WNW0706	pH	05/24/93		6.48	N/A	93-05656	
WNW0706	pH	05/24/93		6.51	N/A	93-05656	
WNW0706	pH	07/13/93		6.41	N/A	93-07043	
WNW0706	pH	07/13/93		6.47	N/A	93-07043	
WNW0706	pH	11/05/93		6.41	N/A	93-11597	
WNW0706	pH	02/14/94		6.37	N/A	94-00309	
WNW0706	pH	02/14/94		6.34	N/A	94-00309	
WNW0706	pH	05/05/94		6.54	N/A	94-03473	
WNW0706	pH	05/05/94		6.53	N/A	94-03473	
WNW0706	pH	07/01/94		6.30	N/A	94-06638	
WNW0706	pH	07/01/94		6.23	N/A	94-06638	
WNW0706	pH	10/05/94		6.15	N/A	94-11061	
WNW0706	pH	10/05/94		5.84	N/A	94-11061	
WNW0706	Cond	02/05/92		532.00	µmhoscm	92-00167	
WNW0706	Cond	02/05/92		474.00	µmhoscm	92-00167	
WNW0706	Cond	03/16/92		573.00	µmhoscm	92-02204	
WNW0706	Cond	03/16/92		619.00	µmhoscm	92-02204	
WNW0706	Cond	04/27/92		549.00	µmhoscm	92-04284	
WNW0706	Cond	04/27/92		531.00	µmhoscm	92-04284	
WNW0706	Cond	08/10/92		579.00	µmhoscm	92-07525	
WNW0706	Cond	08/10/92		600.00	µmhoscm	92-07525	
WNW0706	Cond	08/24/92		570.00	µmhoscm	92-09056	
WNW0706	Cond	08/24/92		548.00	µmhoscm	92-09056	
WNW0706	Cond	10/05/92		541.00	µmhoscm	92-10636	
WNW0706	Cond	10/05/92		510.00	µmhoscm	92-10636	
WNW0706	Cond	11/04/92		444.00	µmhoscm	92-11659	
WNW0706	Cond	11/04/92		426.00	µmhoscm	92-11659	
WNW0706	Cond	12/03/92		700.00	µmhoscm	92-13005	
WNW0706	Cond	01/11/93		638.00	µmhoscm	93-00209	
WNW0706	Cond	01/11/93		610.00	µmhoscm	93-00209	
WNW0706	Cond	02/16/93		603.00	µmhoscm	93-01892	
WNW0706	Cond	04/19/93		557.00	µmhoscm	93-03822	
WNW0706	Cond	04/19/93		537.00	µmhoscm	93-03822	
WNW0706	Cond	05/24/93		530.00	µmhoscm	93-05656	
WNW0706	Cond	05/24/93		521.00	µmhoscm	93-05656	
WNW0706	Cond	07/13/93		460.00	µmhoscm	93-07043	
WNW0706	Cond	07/13/93		477.00	µmhoscm	93-07043	
WNW0706	Cond	11/05/93		457.00	µmhoscm	93-11597	
WNW0706	Cond	02/14/94		633.00	µmhoscm	94-00309	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0706	Cond	02/14/94		459.00	µmhoscm	94-00309	
WNW0706	Cond	05/05/94		624.00	µmhoscm	94-03473	
WNW0706	Cond	05/05/94		577.00	µmhoscm	94-03473	
WNW0706	Cond	07/01/94		482.00	µmhoscm	94-06638	
WNW0706	Cond	07/01/94		494.00	µmhoscm	94-06638	
WNW0706	Cond	10/05/94		513.00	µmhoscm	94-11061	
WNW0706	Cond	10/05/94		577.00	µmhoscm	94-11061	
WNW0706	NPOC	02/05/92		3.70	mg/L	92-00168	
WNW0706	NPOC	03/16/92		4.50	mg/L	92-02205	
WNW0706	NPOC	04/27/92		3.90	mg/L	92-04285	
WNW0706	NPOC	08/10/92		3.60	mg/L	92-07526	
WNW0706	NPOC	08/10/92		3.50	mg/L	92-07526	
WNW0706	NPOC	08/24/92		3.10	mg/L	92-09057	
WNW0706	NPOC	10/05/92		3.50	mg/L	92-10637	
WNW0706	NPOC	11/04/92		2.90	mg/L	92-11660	
WNW0706	NPOC	12/03/92		5.10	mg/L	92-13006	
WNW0706	NPOC	01/11/93		4.10	mg/L	93-00210	
WNW0706	NPOC	02/16/93		3.60	mg/L	93-01893	
WNW0706	NPOC	02/16/93		3.70	mg/L	93-01893	
WNW0706	NPOC	04/19/93		3.20	mg/L	93-03823	
WNW0706	NPOC	05/24/93		3.40	mg/L	93-05657	
WNW0706	NPOC	05/24/93		3.40	mg/L	93-05657	
WNW0706	NPOC	07/13/93		2.40	mg/L	93-07044	
WNW0706	NPOC	07/13/93		2.50	mg/L	93-07044	
WNW0706	NPOC	11/05/93		3.60	mg/L	93-11598	
WNW0706	NPOC	02/14/94		3.50	mg/L	94-00310	
WNW0706	NPOC	02/14/94		3.60	mg/L	94-00310	
WNW0706	NPOC	05/05/94		3.70	mg/L	94-03474	
WNW0706	NPOC	05/05/94		3.80	mg/L	94-03474	
WNW0706	NPOC	07/01/94		3.20	mg/L	94-06639	
WNW0706	NPOC	10/05/94		2.80	mg/L	94-11070	
WNW0706	TOX	02/05/92		12.80	µg/L	92-00168	
WNW0706	TOX	03/16/92		14.60	µg/L	92-02205	
WNW0706	TOX	04/27/92		10.10	µg/L	92-04285	
WNW0706	TOX	08/10/92		8.90	µg/L	92-07526	
WNW0706	TOX	08/24/92		9.40	µg/L	92-09057	
WNW0706	TOX	10/05/92		11.80	µg/L	92-10637	
WNW0706	TOX	11/04/92		7.60	µg/L	92-11660	
WNW0706	TOX	12/03/92		22.80	µg/L	92-13006	
WNW0706	TOX	01/11/93		17.80	µg/L	93-00210	
WNW0706	TOX	02/16/93		9.60	µg/L	93-01893	
WNW0706	TOX	04/19/93		13.10	µg/L	93-03823	
WNW0706	TOX	05/24/93		10.60	µg/L	93-05657	
WNW0706	TOX	07/13/93		8.70	µg/L	93-07044	
WNW0706	TOX	11/05/93		12.60	µg/L	93-11598	

LWTS Groundwater Contamination Indicator Parameter
Data from 1991 through 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0706	TOX	02/14/94		10.80	μg/L	94-00310	
WNW0706	TOX	05/05/94		16.60	μg/L	94-03474	
WNW0706	TOX	07/01/94		10.40	μg/L	94-06639	
WNW0706	TOX	10/05/94		12.00	μg/L	94-11062	

LWTS Groundwater Contamination Indicator Data
for Till-Sand Locations

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0204	pH	03/15/91		8.95	N/A	91-01926	
WNW0204	pH	03/15/91		8.98	N/A	91-01926	
WNW0204	pH	04/22/91		9.16	N/A	91-02872	
WNW0204	pH	04/22/91		9.00	N/A	91-02872	
WNW0204	pH	05/22/91		8.86	N/A	91-04038	
WNW0204	pH	07/15/91		8.87		91-06163	
WNW0204	pH	07/15/91		8.80	N/A	91-06163	
WNW0204	pH	08/26/91		8.73	N/A	91-07560	
WNW0204	pH	08/26/91		8.65	N/A	91-07560	
WNW0204	pH	10/28/91		8.54	N/A	91-09637	
WNW0204	pH	10/28/91		8.47	N/A	91-09637	
WNW0204	pH	11/26/91		8.44	N/A	91-11191	
WNW0204	pH	11/26/91		8.36	N/A	91-11191	
WNW0204	pH	01/20/92		8.34	N/A	92-00063	
WNW0204	pH	01/20/92		8.24	N/A	92-00063	
WNW0204	pH	03/02/92		7.93	N/A	92-01882	
WNW0204	pH	03/02/92		7.72	N/A	92-01882	
WNW0204	pH	04/13/92		8.36	N/A	92-04001	
WNW0204	pH	04/13/92		8.43	N/A	92-04001	
WNW0204	pH	07/20/92		8.39	N/A	92-06741	
WNW0204	pH	07/20/92		8.56	N/A	92-06741	
WNW0204	pH	08/31/92		8.37	N/A	92-09218	
WNW0204	pH	08/31/92		8.46	N/A	92-09218	
WNW0204	pH	10/12/92		7.79	N/A	92-10847	
WNW0204	pH	10/12/92		7.81	N/A	92-10847	
WNW0204	pH	11/09/92		8.44	N/A	92-11679	
WNW0204	pH	11/09/92		8.33	N/A	92-11679	
WNW0204	pH	12/07/92		8.03	N/A	92-13312	
WNW0204	pH	12/07/92		8.23	N/A	92-13312	
WNW0204	pH	01/18/93		8.12	N/A	93-00337	
WNW0204	pH	01/18/93		8.09	N/A	93-00337	
WNW0204	pH	02/24/93		7.73	N/A	93-01988	
WNW0204	pH	02/24/93		7.69	N/A	93-01988	
WNW0204	pH	04/26/93		8.32	N/A	93-03862	
WNW0204	pH	04/26/93		8.44	N/A	93-03862	
WNW0204	pH	06/02/93		7.98	N/A	93-05805	
WNW0204	pH	06/02/93		7.99	N/A	93-05805	
WNW0204	pH	07/19/93		8.14	N/A	93-07171	
WNW0204	pH	07/19/93		8.05	N/A	93-07171	
WNW0204	pH	11/09/93		8.30	N/A	93-11774	
WNW0204	pH	11/09/93		8.23	N/A	93-11774	
WNW0204	pH	02/21/94		8.27	N/A	94-01191	
WNW0204	pH	02/21/94		8.12	N/A	94-01191	

Till-sand locations - Wells WNW0204 and WNW0302.

LWTS Groundwater Contamination Indicator Data
for Till-Sand Locations

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0204	pH	05/12/94		8.50	N/A	94-03539	
WNW0204	pH	05/12/94		8.41	N/A	94-03539	
WNW0204	pH	07/05/94		8.31	N/A	94-06654	
WNW0204	pH	07/05/94		8.21	N/A	94-06654	
WNW0204	pH	10/04/94		7.87	N/A	94-10488	
WNW0204	pH	10/04/94		8.01	N/A	94-10488	
WNW0204	Cond	03/15/91		446.00	µmhos/cm	91-01926	
WNW0204	Cond	03/15/91		455.00	µmhos/cm	91-01926	
WNW0204	Cond	04/22/91		465.00	µmhos/cm	91-02872	
WNW0204	Cond	04/22/91		471.00	µmhos/cm	91-02872	
WNW0204	Cond	05/22/91		493.00	µmhos/cm	91-04038	
WNW0204	Cond	07/15/91		481.00	µmhos/cm	91-06163	
WNW0204	Cond	07/15/91		490.00	µmhos/cm	91-06163	
WNW0204	Cond	08/26/91		500.00	µmhos/cm	91-07560	
WNW0204	Cond	08/26/91		503.00	µmhos/cm	91-07560	
WNW0204	Cond	10/28/91		521.00	µmhos/cm	91-09637	
WNW0204	Cond	10/28/91		517.00	µmhos/cm	91-09637	
WNW0204	Cond	11/26/91		528.00	µmhos/cm	91-11191	
WNW0204	Cond	11/26/91		530.00	µmhos/cm	91-11191	
WNW0204	Cond	01/20/92		534.00	µmhos/cm	92-00063	
WNW0204	Cond	01/20/92		529.00	µmhos/cm	92-00063	
WNW0204	Cond	03/02/92		534.00	µmhos/cm	92-01882	
WNW0204	Cond	03/02/92		554.00	µmhos/cm	92-01882	
WNW0204	Cond	04/13/92		540.00	µmhos/cm	92-04001	
WNW0204	Cond	04/13/92		549.00	µmhos/cm	92-04001	
WNW0204	Cond	07/20/92		531.00	µmhos/cm	92-06741	
WNW0204	Cond	07/20/92		523.00	µmhos/cm	92-06741	
WNW0204	Cond	08/31/92		554.00	µmhos/cm	92-09218	
WNW0204	Cond	08/31/92		565.00	µmhos/cm	92-09218	
WNW0204	Cond	10/12/92		580.00	µmhos/cm	92-10847	
WNW0204	Cond	10/12/92		589.00	µmhos/cm	92-10847	
WNW0204	Cond	11/09/92		598.00	µmhos/cm	92-11679	
WNW0204	Cond	11/09/92		594.00	µmhos/cm	92-11679	
WNW0204	Cond	12/07/92		583.00	µmhos/cm	92-13312	
WNW0204	Cond	12/07/92		607.00	µmhos/cm	92-13312	
WNW0204	Cond	01/18/93		578.00	µmhos/cm	93-00337	
WNW0204	Cond	01/18/93		518.00	µmhos/cm	93-00337	
WNW0204	Cond	02/24/93		619.00	µmhos/cm	93-01988	
WNW0204	Cond	02/24/93		624.00	µmhos/cm	93-01988	
WNW0204	Cond	04/26/93		580.00	µmhos/cm	93-03862	
WNW0204	Cond	04/26/93		590.00	µmhos/cm	93-03862	
WNW0204	Cond	06/02/93		609.00	µmhos/cm	93-05805	
WNW0204	Cond	06/02/93		623.00	µmhos/cm	93-05805	

Till-sand locations - Wells WNW0204 and WNW0302.

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LWTS Groundwater Contamination Indicator Data
for Till-Sand Locations

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0204	Cond	07/19/93		604.00	µmhos/cm	93-07171	
WNW0204	Cond	07/19/93		618.00	µmhos/cm	93-07171	
WNW0204	Cond	11/09/93		640.00	µmhos/cm	93-11774	
WNW0204	Cond	11/09/93		637.00	µmhos/cm	93-11774	
WNW0204	Cond	02/21/94		639.00	µmhos/cm	94-01191	
WNW0204	Cond	02/21/94		544.00	µmhos/cm	94-01191	
WNW0204	Cond	05/12/94		605.00	µmhos/cm	94-03539	
WNW0204	Cond	05/12/94		615.00	µmhos/cm	94-03539	
WNW0204	Cond	07/05/94		616.00	µmhos/cm	94-06654	
WNW0204	Cond	07/05/94		620.00	µmhos/cm	94-06654	
WNW0204	Cond	10/04/94		604.00	µmhos/cm	94-10488	
WNW0204	Cond	10/04/94		595.00	µmhos/cm	94-10488	
WNW0204	NPOC	04/22/91		1.50	mg/L	91-02875	
WNW0204	NPOC	05/22/91		1.10	mg/L	91-04265	
WNW0204	NPOC	05/22/91		3.10	mg/L	91-04042	
WNW0204	NPOC	07/15/91		5.70	mg/L	91-06167	
WNW0204	NPOC	08/26/91		1.10	mg/L	91-07564	
WNW0204	NPOC	10/28/91		4.90	mg/L	91-09640	
WNW0204	NPOC	11/26/91		1.80	mg/L	91-11195	F
WNW0204	NPOC	01/20/92		0.60	mg/L	92-00064	
WNW0204	NPOC	01/20/92		0.60	mg/L	92-00404	
WNW0204	NPOC	03/02/92		0.50	mg/L	92-01883	
WNW0204	NPOC	04/13/92		0.40	mg/L	92-04002	
WNW0204	NPOC	07/20/92		0.50	mg/L	92-06742	
WNW0204	NPOC	08/31/92		0.50	mg/L	92-09219	
WNW0204	NPOC	10/12/92		0.60	mg/L	92-10848	
WNW0204	NPOC	11/09/92		0.50	mg/L	92-11680	
WNW0204	NPOC	12/07/92		0.60	mg/L	92-13313	
WNW0204	NPOC	01/18/93		0.50	mg/L	93-00338	
WNW0204	NPOC	02/24/93		0.70	mg/L	93-01989	
WNW0204	NPOC	04/26/93		0.50	mg/L	93-03863	
WNW0204	NPOC	06/02/93		0.60	mg/L	93-05806	
WNW0204	NPOC	07/19/93		0.70	mg/L	93-07172	
WNW0204	NPOC	07/19/93		0.70	mg/L	93-07247	
WNW0204	NPOC	07/19/93		0.60	mg/L	93-07172	
WNW0204	NPOC	11/09/93		1.00	mg/L	93-11775	
WNW0204	NPOC	02/21/94		0.60	mg/L	94-01192	
WNW0204	NPOC	05/12/94		0.60	mg/L	94-03541	
WNW0204	NPOC	07/05/94		0.60	mg/L	94-06655	
WNW0204	NPOC	10/04/94	ND < 1.00	1.00	mg/L	94-10860	
WNW0204	TOX	04/22/91	ND < 5.00	5.00	ug/L	91-02875	
WNW0204	TOX	05/22/91		29.00	ug/L	91-04042	J
WNW0204	TOX	05/22/91		26.00	ug/L	91-04265	J

Till-sand locations - Wells WNW0204 and WNW0302.

LWTS Groundwater Contamination Indicator Data
for Till-Sand Locations

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0204	TOX	07/15/91		17.00	ug/L	91-06167	
WNW0204	TOX	08/26/91		16.00	ug/L	91-07564	
WNW0204	TOX	10/28/91	ND<5.00	5.00	ug/L	91-09640	
WNW0204	TOX	11/26/91	ND<5.00	5.00	ug/L	91-11195	
WNW0204	TOX	01/20/92		6.40	ug/L	92-00064	
WNW0204	TOX	01/20/92		7.20	ug/L	92-00404	
WNW0204	TOX	03/02/92		12.00	ug/L	92-01883	
WNW0204	TOX	04/13/92		4.80	ug/L	92-04002	
WNW0204	TOX	07/20/92		7.10	ug/L	92-07866	
WNW0204	TOX	08/31/92	ND<4.00	4.00	ug/L	92-09219	
WNW0204	TOX	10/12/92	ND<4.00	4.00	ug/L	92-10848	
WNW0204	TOX	11/09/92	ND<4.00	4.00	ug/L	92-11680	
WNW0204	TOX	12/07/92		11.00	ug/L	92-13313	
WNW0204	TOX	01/18/93		8.00	ug/L	93-00338	
WNW0204	TOX	02/24/93	ND<2.00	2.00	ug/L	93-01989	
WNW0204	TOX	04/26/93		16.20	ug/L	93-03863	
WNW0204	TOX	06/02/93		5.00	ug/L	93-05806	
WNW0204	TOX	07/19/93		7.20	ug/L	93-07172	
WNW0204	TOX	07/19/93		6.40	ug/L	93-07247	
WNW0204	TOX	11/09/93	ND<2.00	2.00	ug/L	93-11775	
WNW0204	TOX	02/21/94		10.30	ug/L	94-01192	
WNW0204	TOX	05/12/94		15.20	ug/L	94-03541	
WNW0204	TOX	07/05/94		9.40	ug/L	94-06655	
WNW0204	TOX	10/04/94		10.00	ug/L	94-10604	
WNW0302	pH	03/12/91		7.11	N/A	91-01820	
WNW0302	pH	04/22/91		7.15	N/A	91-02884	
WNW0302	pH	04/22/91		7.15	N/A	91-02884	
WNW0302	pH	05/22/91		7.08	N/A	91-04110	
WNW0302	pH	05/22/91		7.02	N/A	91-04110	
WNW0302	pH	07/17/91		6.98	N/A	91-06193	
WNW0302	pH	07/17/91		6.99	N/A	91-06193	
WNW0302	pH	08/26/91		7.05	N/A	91-07590	
WNW0302	pH	08/26/91		7.05	N/A	91-07590	
WNW0302	pH	10/30/91		7.01	N/A	91-09661	
WNW0302	pH	10/30/91		7.01	N/A	91-09661	
WNW0302	pH	11/27/91		6.99	N/A	91-11263	
WNW0302	pH	11/27/91		7.04	N/A	91-11263	
WNW0302	pH	01/22/92		6.79	N/A	92-00087	
WNW0302	pH	01/22/92		6.88	N/A	92-00087	
WNW0302	pH	03/04/92		6.87	N/A	92-01948	
WNW0302	pH	03/04/92		6.93	N/A	92-01948	
WNW0302	pH	04/15/92		7.03	N/A	92-04025	

Till-sand locations - Wells WNW0204 and WNW0302.

LWTS Groundwater Contamination Indicator Data
for Till-Sand Locations

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0302	pH	04/15/92		7.07	N/A	92-04025	
WNW0302	pH	07/24/92		6.87	N/A	92-06806	
WNW0302	pH	07/24/92		6.80	N/A	92-06806	
WNW0302	pH	08/31/92		6.96	N/A	92-09246	
WNW0302	pH	08/31/92		6.96	N/A	92-09246	
WNW0302	pH	10/13/92		6.90	N/A	92-10871	
WNW0302	pH	10/13/92		6.90	N/A	92-10871	
WNW0302	pH	11/09/92		6.80	N/A	92-11707	
WNW0302	pH	11/09/92		6.79	N/A	92-11707	
WNW0302	pH	12/09/92		6.82	N/A	92-13390	
WNW0302	pH	12/09/92		6.83	N/A	92-13390	
WNW0302	pH	01/18/93		6.92	N/A	93-00369	
WNW0302	pH	01/18/93		6.91	N/A	93-00369	
WNW0302	pH	02/25/93		7.06	N/A	93-02058	
WNW0302	pH	02/25/93		7.00	N/A	93-02058	
WNW0302	pH	04/28/93		6.80	N/A	93-03886	
WNW0302	pH	04/28/93		6.82	N/A	93-03886	
WNW0302	pH	06/02/93		6.79	N/A	93-05833	
WNW0302	pH	06/02/93		6.77	N/A	93-05833	
WNW0302	pH	07/19/93		6.94	N/A	93-07199	
WNW0302	pH	07/19/93		6.94	N/A	93-07199	
WNW0302	pH	10/29/93		6.88	N/A	93-11094	
WNW0302	pH	10/29/93		6.90	N/A	93-11094	
WNW0302	pH	02/21/94		7.12	N/A	94-01212	
WNW0302	pH	02/21/94		7.11	N/A	94-01212	
WNW0302	pH	05/16/94		7.51	N/A	94-03810	
WNW0302	pH	05/16/94		7.53	N/A	94-03810	
WNW0302	pH	07/01/94		7.01	N/A	94-06674	
WNW0302	pH	07/01/94		7.01	N/A	94-06674	
WNW0302	pH	10/04/94		6.85	N/A	94-10658	
WNW0302	pH	10/04/94		6.88	N/A	94-10658	
WNW0302	Cond	03/12/91		1302.00	μmhos/cm	91-01820	
WNW0302	Cond	04/22/91		1394.00	μmhos/cm	91-02884	
WNW0302	Cond	04/22/91		1396.00	μmhos/cm	91-02884	
WNW0302	Cond	05/22/91		1436.00	μmhos/cm	91-04110	
WNW0302	Cond	05/22/91		1438.00	μmhos/cm	91-04110	
WNW0302	Cond	07/17/91		1438.00	μmhos/cm	91-06193	
WNW0302	Cond	07/17/91		1433.00	μmhos/cm	91-06193	
WNW0302	Cond	08/26/91		1443.00	μmhos/cm	91-07590	
WNW0302	Cond	08/26/91		1443.00	μmhos/cm	91-07590	
WNW0302	Cond	10/30/91		1402.00	μmhos/cm	91-09661	
WNW0302	Cond	10/30/91		1398.00	μmhos/cm	91-09661	
WNW0302	Cond	11/27/91		1378.00	μmhos/cm	91-11263	

Till-sand locations - Wells WNW0204 and WNW0302.

LWTS Groundwater Contamination Indicator Data
for Till-Sand Locations

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0302	Cond	11/27/91		1378.00	µmhos/cm	91-11263	
WNW0302	Cond	01/22/92		1348.00	µmhos/cm	92-00087	
WNW0302	Cond	01/22/92		1352.00	µmhos/cm	92-00087	
WNW0302	Cond	03/04/92		1402.00	µmhos/cm	92-01948	
WNW0302	Cond	03/04/92		1390.00	µmhos/cm	92-01948	
WNW0302	Cond	04/15/92		1516.00	µmhos/cm	92-04025	
WNW0302	Cond	04/15/92		1514.00	µmhos/cm	92-04025	
WNW0302	Cond	07/24/92		1691.00	µmhos/cm	92-06806	
WNW0302	Cond	07/24/92		1677.00	µmhos/cm	92-06806	
WNW0302	Cond	08/31/92		1685.00	µmhos/cm	92-09246	
WNW0302	Cond	08/31/92		1688.00	µmhos/cm	92-09246	
WNW0302	Cond	10/13/92		1647.00	µmhos/cm	92-10871	
WNW0302	Cond	10/13/92		1638.00	µmhos/cm	92-10871	
WNW0302	Cond	11/09/92		1632.00	µmhos/cm	92-11707	
WNW0302	Cond	11/09/92		1625.00	µmhos/cm	92-11707	
WNW0302	Cond	12/09/92		1615.00	µmhos/cm	92-13390	
WNW0302	Cond	12/09/92		1608.00	µmhos/cm	92-13390	
WNW0302	Cond	01/18/93		1590.00	µmhos/cm	93-00369	
WNW0302	Cond	01/18/93		1598.00	µmhos/cm	93-00369	
WNW0302	Cond	02/25/93		1619.00	µmhos/cm	93-02058	
WNW0302	Cond	02/25/93		1623.00	µmhos/cm	93-02058	
WNW0302	Cond	04/28/93		1802.00	µmhos/cm	93-03886	
WNW0302	Cond	04/28/93		1793.00	µmhos/cm	93-03886	
WNW0302	Cond	06/02/93		1905.00	µmhos/cm	93-05833	
WNW0302	Cond	06/02/93		1883.00	µmhos/cm	93-05833	
WNW0302	Cond	07/19/93		1968.00	µmhos/cm	93-07199	
WNW0302	Cond	07/19/93		1948.00	µmhos/cm	93-07199	
WNW0302	Cond	10/29/93		1949.00	µmhos/cm	93-11094	
WNW0302	Cond	10/29/93		1957.00	µmhos/cm	93-11094	
WNW0302	Cond	02/21/94		1905.00	µmhos/cm	94-01212	
WNW0302	Cond	02/21/94		1910.00	µmhos/cm	94-01212	
WNW0302	Cond	05/16/94		2250.00	µmhos/cm	94-03810	
WNW0302	Cond	05/16/94		2240.00	µmhos/cm	94-03810	
WNW0302	Cond	07/01/94		2380.00	µmhos/cm	94-06674	
WNW0302	Cond	07/01/94		2380.00	µmhos/cm	94-06674	
WNW0302	Cond	10/04/94		2400.00	µmhos/cm	94-10658	
WNW0302	Cond	10/04/94		2400.00	µmhos/cm	94-10658	
WNW0302	NPOC	04/22/91		8.20	mg/L	91-02887	
WNW0302	NPOC	05/22/91	ND < 1.00	1.00	mg/L	91-04114	
WNW0302	NPOC	07/17/91	ND < 1.00	1.00	mg/L	91-06197	
WNW0302	NPOC	08/26/91		1.40	mg/L	91-07594	
WNW0302	NPOC	10/30/91		7.60	mg/L	91-09664	
WNW0302	NPOC	11/27/91		3.30	mg/L	91-11267	

Till-sand locations - Wells WNW0204 and WNW0302.

LWTS Groundwater Contamination Indicator Data
for Till-Sand Locations

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0302	NPOC	01/22/92		0.70	mg/L	92-00088	
WNW0302	NPOC	03/04/92		0.60	mg/L	92-01949	
WNW0302	NPOC	03/04/92		0.90	mg/L	92-01949	
WNW0302	NPOC	04/15/92		0.70	mg/L	92-04026	
WNW0302	NPOC	07/24/92		0.80	mg/L	92-06807	
WNW0302	NPOC	08/31/92		0.60	mg/L	92-09247	
WNW0302	NPOC	10/13/92		0.70	mg/L	92-10872	
WNW0302	NPOC	11/09/92		0.70	mg/L	92-12113	
WNW0302	NPOC	11/09/92		0.80	mg/L	92-11708	
WNW0302	NPOC	12/09/92		0.70	mg/L	92-13391	
WNW0302	NPOC	01/18/93		0.60	mg/L	93-00370	
WNW0302	NPOC	02/25/93		0.80	mg/L	93-02059	
WNW0302	NPOC	04/28/93		0.70	mg/L	93-03887	
WNW0302	NPOC	06/02/93		0.70	mg/L	93-05834	
WNW0302	NPOC	07/19/93		0.80	mg/L	93-07200	
WNW0302	NPOC	10/29/93		0.70	mg/L	93-11095	
WNW0302	NPOC	02/21/94		0.70	mg/L	94-01213	
WNW0302	NPOC	05/16/94		0.80	mg/L	94-03812	
WNW0302	NPOC	05/16/94		0.70	mg/L	94-03812	
WNW0302	NPOC	07/01/94		0.80	mg/L	94-07032	
WNW0302	NPOC	07/01/94		0.80	mg/L	94-06675	
WNW0302	NPOC	10/04/94	ND<1.00	1.00	mg/L	94-10881	
WNW0302	TOX	04/22/91		21.00	ug/L	91-02887	
WNW0302	TOX	05/22/91		22.00	ug/L	91-04114	J
WNW0302	TOX	07/17/91		18.00	ug/L	91-06197	
WNW0302	TOX	08/26/91		24.00	ug/L	91-07594	
WNW0302	TOX	10/30/91		7.80	ug/L	91-09664	
WNW0302	TOX	11/27/91	ND<5.00	5.00	ug/L	91-11267	
WNW0302	TOX	01/22/92		10.40	ug/L	92-00088	
WNW0302	TOX	03/04/92		16.60	ug/L	92-01949	
WNW0302	TOX	04/15/92		9.00	ug/L	92-04026	
WNW0302	TOX	07/24/92		8.40	ug/L	92-06807	
WNW0302	TOX	08/31/92		4.20	ug/L	92-09247	
WNW0302	TOX	10/13/92		12.20	ug/L	92-10872	
WNW0302	TOX	11/09/92		4.30	ug/L	92-11708	
WNW0302	TOX	11/09/92		10.80	ug/L	92-12113	
WNW0302	TOX	12/09/92		10.00	ug/L	92-13391	
WNW0302	TOX	01/18/93		16.00	ug/L	93-00370	
WNW0302	TOX	02/25/93		7.90	ug/L	93-02059	
WNW0302	TOX	04/28/93		4.40	ug/L	93-03887	
WNW0302	TOX	06/02/93	ND<6.00	6.00	ug/L	93-05834	
WNW0302	TOX	07/19/93		5.80	ug/L	93-07200	
WNW0302	TOX	10/29/93		4.40	ug/L	93-11095	

Till-sand locations - Wells WNW0204 and WNW0302.

LWTS Groundwater Contamination Indicator Data
for Till-Sand Locations

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0302	TOX	02/21/94		3.50	ug/L	94-01213	
WNW0302	TOX	05/16/94		5.70	ug/L	94-03812	
WNW0302	TOX	07/01/94		14.20	ug/L	94-06675	
WNW0302	TOX	07/01/94		11.10	ug/L	94-07032	
WNW0302	TOX	10/04/94		13.00	ug/L	94-10659	J

Till-sand locations - Wells WNW0204 and WNW0302.

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LWTS Groundwater Radiological Data

Well_ID	Samp_Date	Sample_ID	Parameter	Result	Units	Rep #	QA Flags
WNW0204	03/15/91	91-01927	gr_al__r	2.14 +/-2.6	pCi/L	1	
WNW0204	04/22/91	91-02874	gr_al__r	0.000 +/-2.0	pCi/L	1	
WNW0204	05/22/91	91-04041	gr_al__r	1.30 +/-3.1	pCi/L	1	
WNW0204	05/22/91	91-04264	gr_al__r	3.17 +/-4.4	pCi/L	1	
WNW0204	07/15/91	91-06166	gr_al__r	-0.645 +/-4.2	pCi/L	1	
WNW0204	08/26/91	91-07563	gr_al__r	0.534 +/-2.3	pCi/L	1	
WNW0204	10/28/91	91-09639	gr_al__r	-0.554 +/-1.9	pCi/L	1	
WNW0204	11/26/91	91-11194	gr_al__r	0.554 +/-1.9	pCi/L	1	
WNW0204	01/20/92	92-00066	gr_al__r	0.000 +/-2.3	pCi/L	1	
WNW0204	01/20/92	92-00406	gr_al__r	2.25 +/-3.3	pCi/L	1	
WNW0204	03/02/92	92-01885	gr_al__r	1.60 +/-2.3	pCi/L	1	
WNW0204	04/13/92	92-04004	gr_al__r	1.06 +/-2.1	pCi/L	1	
WNW0204	07/20/92	92-06744	gr_al__r	-1.651 +/-2.4	pCi/L	1	
WNW0204	08/31/92	92-09221	gr_al__r	0.832 +/-2.0	pCi/L	1	
WNW0204	10/12/92	92-10850	gr_al__r	-0.654 +/-2.2	pCi/L	1	
WNW0204	11/09/92	92-11682	gr_al__r	-2.913 +/-3.4	pCi/L	1	
WNW0204	12/07/92	92-13315	gr_al__r	0.000 +/-2.9	pCi/L	1	
WNW0204	01/18/93	93-00340	gr_al__r	-0.538 +/-2.8	pCi/L	1	
WNW0204	02/24/93	93-01991	gr_al__r	0.000 +/-4.2	pCi/L	1	
WNW0204	04/26/93	93-03865	gr_al__r	-0.624 +/-3.2	pCi/L	1	
WNW0204	06/02/93	93-05808	gr_al__r	-1.114 +/-2.2	pCi/L	1	
WNW0204	07/19/93	93-07174	gr_al__r	1.48 +/- 2.9	pCi/L	1	
WNW0204	07/19/93	93-07249	gr_al__r	-0.752 +/-4.9	pCi/L	1	
WNW0204	11/09/93	93-11777	gr_al__r	4.67 +/- 4.8	pCi/L	1	
WNW0204	02/21/94	94-01193	gr_al__r	1.74 +/- 2.4	pCi/L	1	
WNW0204	05/12/94	94-03545	gr_al__r	-2.483 +/-3.6	pCi/L	1	
WNW0204	03/15/91	91-01927	gr_bt__r	2.12 +/- 2.3	pCi/L	1	
WNW0204	04/22/91	91-02874	gr_bt__r	19.7 +/- 3.8	pCi/L	1	
WNW0204	05/22/91	91-04041	gr_bt__r	2.90 +/- 2.8	pCi/L	1	
WNW0204	05/22/91	91-04264	gr_bt__r	2.84 +/- 2.9	pCi/L	1	
WNW0204	07/15/91	91-06166	gr_bt__r	1.60 +/- 2.5	pCi/L	1	
WNW0204	08/26/91	91-07563	gr_bt__r	5.08 +/- 2.5	pCi/L	1	
WNW0204	10/28/91	91-09639	gr_bt__r	5.02 +/- 3.0	pCi/L	1	
WNW0204	11/26/91	91-11194	gr_bt__r	3.10 +/- 2.8	pCi/L	1	
WNW0204	01/20/92	92-00066	gr_bt__r	3.82 +/- 2.9	pCi/L	1	
WNW0204	01/20/92	92-00406	gr_bt__r	8.74 +/- 3.5	pCi/L	1	
WNW0204	03/02/92	92-01885	gr_bt__r	4.76 +/- 2.9	pCi/L	1	
WNW0204	04/13/92	92-04004	gr_bt__r	4.73 +/- 2.9	pCi/L	1	
WNW0204	07/20/92	92-06744	gr_bt__r	2.82 +/- 2.6	pCi/L	1	
WNW0204	08/31/92	92-09221	gr_bt__r	5.29 +/- 2.8	pCi/L	1	
WNW0204	10/12/92	92-10850	gr_bt__r	3.81 +/- 2.9	pCi/L	1	
WNW0204	11/09/92	92-11682	gr_bt__r	2.70 +/- 2.5	pCi/L	1	
WNW0204	12/07/92	92-13315	gr_bt__r	2.65 +/- 2.4	pCi/L	1	
WNW0204	01/18/93	93-00340	gr_bt__r	2.51 +/- 2.7	pCi/L	1	
WNW0204	02/24/93	93-01991	gr_bt__r	-0.306 +/-2.7	pCi/L	1	
WNW0204	04/26/93	93-03865	gr_bt__r	1.36 +/- 2.6	pCi/L	1	

LWTS Groundwater Radiological Data

Well_ID	Samp_Date	Sample_ID	Parameter	Result	Units	Rep #	QA Flags
WNW0204	06/02/93	93-05808	gr_bt__r	4.33 +/- 2.7	pCi/L	1	
WNW0204	07/19/93	93-07174	gr_bt__r	5.32 +/- 3.3	pCi/L	1	
WNW0204	07/19/93	93-07249	gr_bt__r	6.36 +/- 3.4	pCi/L	1	
WNW0204	11/09/93	93-11777	gr_bt__r	3.08 +/- 2.9	pCi/L	1	
WNW0204	02/21/94	94-01193	gr_bt__r	2.50 +/- 2.5	pCi/L	1	
WNW0204	05/12/94	94-03545	gr_bt__r	-0.162 +/-2.4	pCi/L	1	
WNW0204	03/15/91	91-01927	trtium_r	0.000 +/-100	pCi/L	1	
WNW0204	04/22/91	91-02874	trtium_r	0.000 +/-100	pCi/L	1	
WNW0204	05/22/91	91-04041	trtium_r	0.000 +/-100	pCi/L	1	
WNW0204	05/22/91	91-04264	trtium_r	0.000 +/-100	pCi/L	1	
WNW0204	07/15/91	91-06166	trtium_r	0.000 +/-100	pCi/L	1	
WNW0204	08/26/91	91-07563	trtium_r	48.7 +/- 77	pCi/L	1	
WNW0204	10/28/91	91-09639	trtium_r	0.000 +/-100	pCi/L	1	
WNW0204	11/26/91	91-11194	trtium_r	157 +/- 79	pCi/L	1	
WNW0204	01/20/92	92-00066	trtium_r	461 +/- 84	pCi/L	1	
WNW0204	01/20/92	92-00406	trtium_r	0.000 +/-100	pCi/L	1	
WNW0204	03/02/92	92-01885	trtium_r	64.8 +/- 80	pCi/L	1	
WNW0204	04/13/92	92-04004	trtium_r	0.000 +/-100	pCi/L	1	
WNW0204	07/20/92	92-06744	trtium_r	129 +/- 80	pCi/L	1	
WNW0204	08/31/92	92-09221	trtium_r	56.3 +/- 76	pCi/L	1	
WNW0204	10/12/92	92-10850	trtium_r	24.5 +/- 73	pCi/L	1	
WNW0204	11/09/92	92-11682	trtium_r	0.000 +/-100	pCi/L	1	
WNW0204	12/07/92	92-13315	trtium_r	0.000 +/-100	pCi/L	1	
WNW0204	01/18/93	93-00340	trtium_r	0.000 +/-100	pCi/L	1	
WNW0204	02/24/93	93-01991	trtium_r	98.1 +/- 76	pCi/L	1	
WNW0204	04/26/93	93-03865	trtium_r	84.3 +/- 75	pCi/L	1	
WNW0204	06/02/93	93-05808	trtium_r	121 +/- 82	pCi/L	1	
WNW0204	07/19/93	93-07174	trtium_r	246 +/- 77	pCi/L	1	
WNW0204	07/19/93	93-07249	trtium_r	235 +/- 76	pCi/L	1	
WNW0204	11/09/93	93-11777	trtium_r	0.000 +/-100	pCi/L	1	
WNW0204	02/21/94	94-01193	trtium_r	206 +/- 80	pCi/L	1	
WNW0204	05/12/94	94-03545	trtium_r	115 +/- 79	pCi/L	1	
WNW0301	02/07/91	91-00989	gr_al__r	-3.670 +/-3.4	pCi/L	1	
WNW0301	05/01/91	91-03296	gr_al__r	-3.056 +/-4.2	pCi/L	1	
WNW0301	05/22/91	91-04103	gr_al__r	1.05 +/- 6.8	pCi/L	1	
WNW0301	07/17/91	91-06191	gr_al__r	-2.775 +/-5.4	pCi/L	1	
WNW0301	08/26/91	91-07588	gr_al__r	2.77 +/- 6.7	pCi/L	1	
WNW0301	10/30/91	91-09659	gr_al__r	2.76 +/- 4.8	pCi/L	1	
WNW0301	11/25/91	91-11254	gr_al__r	3.34 +/- 4.9	pCi/L	1	
WNW0301	01/22/92	92-00086	gr_al__r	-0.701 +/-1.4	pCi/L	1	
WNW0301	03/04/92	92-01940	gr_al__r	-0.786 +/-2.7	pCi/L	1	
WNW0301	04/15/92	92-04024	gr_al__r	0.000 +/-2.3	pCi/L	1	
WNW0301	04/15/92	92-04087	gr_al__r	1.84 +/- 3.6	pCi/L	1	
WNW0301	07/24/92	92-06796	gr_al__r	-1.550 +/-3.7	pCi/L	1	
WNW0301	08/31/92	92-09245	gr_al__r	0.000 +/-2.6	pCi/L	1	

LWTS Groundwater Radiological Data

Well_ID	Samp_Date	Sample_ID	Parameter	Result	Units	Rep #	QA Flags
WNW0301	10/13/92	92-10870	gr_al__r	-2.587 +/-3.6	pCi/L	1	
WNW0301	11/09/92	92-11706	gr_al__r	2.00 +/- 3.4	pCi/L	1	
WNW0301	12/09/92	92-13380	gr_al__r	-1.180 +/-2.3	pCi/L	1	
WNW0301	01/18/93	93-00368	gr_al__r	-2.772 +/-2.7	pCi/L	1	
WNW0301	02/25/93	93-02051	gr_al__r	2.55 +/- 3.7	pCi/L	1	
WNW0301	04/28/93	93-03885	gr_al__r	0.000 +/-4.7	pCi/L	1	
WNW0301	06/02/93	93-05832	gr_al__r	-2.091 +/-4.1	pCi/L	1	
WNW0301	07/19/93	93-07198	gr_al__r	-1.032 +/-2.0	pCi/L	1	
WNW0301	10/29/93	93-11087	gr_al__r	0.000 +/-6.3	pCi/L	1	
WNW0301	02/21/94	94-01211	gr_al__r	-3.011 +/-4.4	pCi/L	1	
WNW0301	05/16/94	94-03815	gr_al__r	1.51 +/- 3.0	pCi/L	1	
WNW0301	02/07/91	91-00989	gr_bt__r	3.31 +/- 2.6	pCi/L	1	
WNW0301	05/01/91	91-03296	gr_bt__r	4.90 +/- 3.0	pCi/L	1	
WNW0301	05/22/91	91-04103	gr_bt__r	5.46 +/- 2.7	pCi/L	1	
WNW0301	07/17/91	91-06191	gr_bt__r	2.14 +/- 2.7	pCi/L	1	
WNW0301	08/26/91	91-07588	gr_bt__r	4.23 +/- 2.7	pCi/L	1	
WNW0301	10/30/91	91-09659	gr_bt__r	2.70 +/- 2.7	pCi/L	1	
WNW0301	11/25/91	91-11254	gr_bt__r	4.90 +/- 3.1	pCi/L	1	
WNW0301	01/22/92	92-00086	gr_bt__r	1.39 +/- 2.7	pCi/L	1	
WNW0301	03/04/92	92-01940	gr_bt__r	3.61 +/- 2.5	pCi/L	1	
WNW0301	04/15/92	92-04024	gr_bt__r	3.62 +/- 3.1	pCi/L	1	
WNW0301	04/15/92	92-04087	gr_bt__r	2.24 +/- 3.0	pCi/L	1	
WNW0301	07/24/92	92-06796	gr_bt__r	2.64 +/- 2.7	pCi/L	1	
WNW0301	08/31/92	92-09245	gr_bt__r	3.05 +/- 2.9	pCi/L	1	
WNW0301	10/13/92	92-10870	gr_bt__r	3.53 +/- 3.1	pCi/L	1	
WNW0301	11/09/92	92-11706	gr_bt__r	2.90 +/- 2.5	pCi/L	1	
WNW0301	12/09/92	92-13380	gr_bt__r	3.55 +/- 2.8	pCi/L	1	
WNW0301	01/18/93	93-00368	gr_bt__r	3.69 +/- 3.2	pCi/L	1	
WNW0301	02/25/93	93-02051	gr_bt__r	5.33 +/- 3.2	pCi/L	1	
WNW0301	04/28/93	93-03885	gr_bt__r	2.69 +/- 3.8	pCi/L	1	
WNW0301	06/02/93	93-05832	gr_bt__r	5.64 +/- 3.7	pCi/L	1	
WNW0301	07/19/93	93-07198	gr_bt__r	1.50 +/- 3.9	pCi/L	1	
WNW0301	10/29/93	93-11087	gr_bt__r	2.51 +/- 4.5	pCi/L	1	
WNW0301	02/21/94	94-01211	gr_bt__r	3.46 +/- 3.3	pCi/L	1	
WNW0301	05/16/94	94-03815	gr_bt__r	1.45 +/- 3.5	pCi/L	1	
WNW0301	02/07/91	91-00989	trtium_r	0.000 +/-100	pCi/L	1	
WNW0301	05/01/91	91-03296	trtium_r	0.000 +/-100	pCi/L	1	
WNW0301	05/22/91	91-04103	trtium_r	0.000 +/-100	pCi/L	1	
WNW0301	07/17/91	91-06191	trtium_r	0.000 +/-100	pCi/L	1	
WNW0301	08/26/91	91-07588	trtium_r	0.000 +/-100	pCi/L	1	
WNW0301	10/30/91	91-09659	trtium_r	0.000 +/-100	pCi/L	1	
WNW0301	11/25/91	91-11254	trtium_r	0.000 +/-100	pCi/L	1	
WNW0301	01/22/92	92-00086	trtium_r	9.3 +/- 71	pCi/L	1	
WNW0301	03/04/92	92-01940	trtium_r	0.000 +/-100	pCi/L	1	
WNW0301	04/15/92	92-04024	trtium_r	0.000 +/-100	pCi/L	1	
WNW0301	04/15/92	92-04087	trtium_r	0.000 +/-100	pCi/L	1	

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Well_ID	Samp_Date	Sample_ID	Parameter	Result	Units	Rep #	QA Flags
WNW0301	07/24/92	92-06796	trtium_r	101 +/- 73	pCi/L	1	
WNW0301	08/31/92	92-09245	trtium_r	0.000 +/-100	pCi/L	1	
WNW0301	10/13/92	92-10870	trtium_r	0.000 +/-100	pCi/L	1	
WNW0301	11/09/92	92-11706	trtium_r	0.000 +/-100	pCi/L	1	
WNW0301	12/09/92	92-13380	trtium_r	0.000 +/-100	pCi/L	1	
WNW0301	01/18/93	93-00368	trtium_r	0.000 +/-100	pCi/L	1	
WNW0301	02/25/93	93-02051	trtium_r	0.000 +/-100	pCi/L	1	
WNW0301	04/28/93	93-03885	trtium_r	0.000 +/-100	pCi/L	1	
WNW0301	06/02/93	93-05832	trtium_r	0.000 +/-100	pCi/L	1	
WNW0301	07/19/93	93-07198	trtium_r	157 +/- 76	pCi/L	1	
WNW0301	10/29/93	93-11087	trtium_r	0.000 +/-100	pCi/L	1	
WNW0301	02/21/94	94-01211	trtium_r	0.000 +/-100	pCi/L	1	
WNW0301	02/21/94	94-01211	trtium_r	0.000 +/-100	pCi/L	2	
WNW0301	05/16/94	94-03815	trtium_r	13.1 +/- 75	pCi/L	1	
WNW0302	03/12/91	91-01821	gr_al__r	2.02 +/- 4.0	pCi/L	1	
WNW0302	04/22/91	91-02886	gr_al__r	-7.030 +/-11	pCi/L	1	
WNW0302	05/22/91	91-04113	gr_al__r	12.9 +/- 31	pCi/L	1	
WNW0302	07/17/91	91-06196	gr_al__r	-6.118 +/-17	pCi/L	1	
WNW0302	08/26/91	91-07593	gr_al__r	0.000 +/-7.1	pCi/L	1	
WNW0302	10/30/91	91-09663	gr_al__r	-3.542 +/-4.9	pCi/L	1	
WNW0302	11/27/91	91-11266	gr_al__r	3.48 +/- 6.8	pCi/L	1	
WNW0302	01/22/92	92-00090	gr_al__r	-2.491 +/-4.9	pCi/L	1	
WNW0302	03/04/92	92-01951	gr_al__r	1.22 +/- 2.4	pCi/L	1	
WNW0302	04/15/92	92-04028	gr_al__r	4.10 +/- 6.0	pCi/L	1	
WNW0302	07/24/92	92-06809	gr_al__r	-3.590 +/-5.0	pCi/L	1	
WNW0302	08/31/92	92-09249	gr_al__r	1.91 +/- 10	pCi/L	1	
WNW0302	10/13/92	92-10874	gr_al__r	-1.745 +/-5.9	pCi/L	1	
WNW0302	11/09/92	92-11710	gr_al__r	-4.351 +/-6.7	pCi/L	1	
WNW0302	11/09/92	92-12115	gr_al__r	-3.859 +/-4.4	pCi/L	1	
WNW0302	12/09/92	92-13393	gr_al__r	1.26 +/- 6.5	pCi/L	1	
WNW0302	01/18/93	93-00372	gr_al__r	-3.196 +/-7.7	pCi/L	1	
WNW0302	02/25/93	93-02061	gr_al__r	1.65 +/- 5.6	pCi/L	1	
WNW0302	04/28/93	93-03889	gr_al__r	-3.762 +/-7.4	pCi/L	1	
WNW0302	06/02/93	93-05836	gr_al__r	0.000 +/-8.4	pCi/L	1	
WNW0302	07/19/93	93-07202	gr_al__r	0.000 +/- 12	pCi/L	1	
WNW0302	10/29/93	93-11097	gr_al__r	8.65 +/- 13	pCi/L	1	
WNW0302	10/29/93	93-11097	gr_al__r	0.000 +/-7.4	pCi/L	2	
WNW0302	02/21/94	94-01214	gr_al__r	-7.218 +/-11	pCi/L	1	
WNW0302	02/21/94	94-01214	gr_al__r	-7.925 +/-7.8	pCi/L	2	
WNW0302	05/16/94	94-03816	gr_al__r	2.91 +/- 5.7	pCi/L	1	
WNW0302	05/16/94	94-03816	gr_al__r	5.83 +/- 8.1	pCi/L	2	
WNW0302	03/12/91	91-01821	gr_bt__r	3.79 +/- 3.1	pCi/L	1	
WNW0302	04/22/91	91-02886	gr_bt__r	5.57 +/- 3.1	pCi/L	1	
WNW0302	05/22/91	91-04113	gr_bt__r	2.90 +/- 3.9	pCi/L	1	
WNW0302	07/17/91	91-06196	gr_bt__r	4.95 +/- 5.7	pCi/L	1	

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Well_ID	Samp_Date	Sample_ID	Parameter	Result	Units	Rep #	QA Flags
WNW0302	08/26/91	91-07593	gr_bt__r	5.18 +/- 4.8	pCi/L	1	
WNW0302	10/30/91	91-09663	gr_bt__r	3.21 +/- 4.2	pCi/L	1	
WNW0302	11/27/91	91-11266	gr_bt__r	0.945 +/-5.3	pCi/L	1	
WNW0302	01/22/92	92-00090	gr_bt__r	3.33 +/- 4.4	pCi/L	1	
WNW0302	03/04/92	92-01951	gr_bt__r	11.6 +/- 7.5	pCi/L	1	
WNW0302	04/15/92	92-04028	gr_bt__r	17.0 +/- 9	pCi/L	1	
WNW0302	07/24/92	92-06809	gr_bt__r	0.953 +/-5.1	pCi/L	1	
WNW0302	08/31/92	92-09249	gr_bt__r	-0.962 +/-5.0	pCi/L	1	
WNW0302	10/13/92	92-10874	gr_bt__r	4.13 +/- 5.7	pCi/L	1	
WNW0302	11/09/92	92-11710	gr_bt__r	2.67 +/- 4.6	pCi/L	1	
WNW0302	11/09/92	92-12115	gr_bt__r	6.99 +/- 5.4	pCi/L	1	
WNW0302	12/09/92	92-13393	gr_bt__r	5.14 +/- 7.0	pCi/L	1	
WNW0302	01/18/93	93-00372	gr_bt__r	5.85 +/- 5.9	pCi/L	1	
WNW0302	02/25/93	93-02061	gr_bt__r	0.000 +/- 5.7	pCi/L	1	
WNW0302	04/28/93	93-03889	gr_bt__r	3.93 +/- 7.9	pCi/L	1	
WNW0302	06/02/93	93-05836	gr_bt__r	2.66 +/- 5.9	pCi/L	1	
WNW0302	07/19/93	93-07202	gr_bt__r	3.13 +/- 8.7	pCi/L	1	
WNW0302	10/29/93	93-11097	gr_bt__r	6.79 +/- 10	pCi/L	1	
WNW0302	10/29/93	93-11097	gr_bt__r	5.17 +/- 10	pCi/L	2	
WNW0302	02/21/94	94-01214	gr_bt__r	4.36 +/- 6.9	pCi/L	1	
WNW0302	02/21/94	94-01214	gr_bt__r	3.40 +/- 6.8	pCi/L	2	
WNW0302	05/16/94	94-03816	gr_bt__r	7.16 +/- 7.4	pCi/L	1	
WNW0302	05/16/94	94-03816	gr_bt__r	4.81 +/- 7.2	pCi/L	2	
WNW0302	03/12/91	91-01821	trtium_r	47.5 +/- 72	pCi/L	1	
WNW0302	04/22/91	91-02886	trtium_r	0.000 +/-100	pCi/L	1	
WNW0302	05/22/91	91-04113	trtium_r	0.000 +/-100	pCi/L	1	
WNW0302	07/17/91	91-06196	trtium_r	0.000 +/-100	pCi/L	1	
WNW0302	08/26/91	91-07593	trtium_r	4.87 +/- 69	pCi/L	1	
WNW0302	10/30/91	91-09663	trtium_r	79.4 +/- 76	pCi/L	1	
WNW0302	11/27/91	91-11266	trtium_r	0.000 +/-100	pCi/L	1	
WNW0302	01/22/92	92-00090	trtium_r	111 +/- 80	pCi/L	1	
WNW0302	03/04/92	92-01951	trtium_r	0.000 +/-100	pCi/L	1	
WNW0302	04/15/92	92-04028	trtium_r	2.50 +/- 71	pCi/L	1	
WNW0302	07/24/92	92-06809	trtium_r	0.000 +/-100	pCi/L	1	
WNW0302	08/31/92	92-09249	trtium_r	0.000 +/-100	pCi/L	1	
WNW0302	10/13/92	92-10874	trtium_r	0.000 +/-100	pCi/L	1	
WNW0302	11/09/92	92-11710	trtium_r	0.000 +/-100	pCi/L	1	
WNW0302	11/09/92	92-12115	trtium_r	0.000 +/-100	pCi/L	1	
WNW0302	12/09/92	92-13393	trtium_r	0.000 +/-100	pCi/L	1	
WNW0302	01/18/93	93-00372	trtium_r	0.000 +/-100	pCi/L	1	
WNW0302	02/25/93	93-02061	trtium_r	0.000 +/-100	pCi/L	1	
WNW0302	04/28/93	93-03889	trtium_r	52.7 +/- 77	pCi/L	1	
WNW0302	06/02/93	93-05836	trtium_r	52.6 +/- 80	pCi/L	1	
WNW0302	07/19/93	93-07202	trtium_r	222 +/- 77	pCi/L	1	
WNW0302	10/29/93	93-11097	trtium_r	0.000 +/-100	pCi/L	1	
WNW0302	02/21/94	94-01214	trtium_r	0.000 +/-100	pCi/L	1	

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Well_ID	Samp_Date	Sample_ID	Parameter	Result	Units	Rep #	QA Flags
WNW0302	05/16/94	94-03816	trtium_r	32.6 +/- 78	pCi/L	1	
WNW0305	03/18/91	91-01955	gr_al__r	8.97 +/- 14	pCi/L	1	
WNW0305	05/01/91	91-03058	gr_al__r	-9.526 +/-30	pCi/L	1	
WNW0305	05/22/91	91-04122	gr_al__r	1.53 +/- 7.9	pCi/L	1	
WNW0305	05/22/91	91-04256	gr_al__r	-1.733 +/-7.6	pCi/L	1	
WNW0305	07/17/91	91-06201	gr_al__r	-21.450 +/-18	pCi/L	1	
WNW0305	08/26/91	91-07598	gr_al__r	1.83 +/- 8.0	pCi/L	1	
WNW0305	10/29/91	91-09667	gr_al__r	4.66 +/- 5.3	pCi/L	1	
WNW0305	11/25/91	91-11278	gr_al__r	4.83 +/- 7.1	pCi/L	1	
WNW0305	01/22/92	92-00094	gr_al__r	4.39 +/- 4.3	pCi/L	1	
WNW0305	03/04/92	92-01961	gr_al__r	1.06 +/- 4.7	pCi/L	1	
WNW0305	04/13/92	92-04032	gr_al__r	4.60 +/- 5.5	pCi/L	1	
WNW0305	07/24/92	92-06822	gr_al__r	2.73 +/- 6.5	pCi/L	1	
WNW0305	08/31/92	92-09253	gr_al__r	0.000 +/-7.1	pCi/L	1	
WNW0305	10/13/92	92-10878	gr_al__r	0.000 +/-6.5	pCi/L	1	
WNW0305	11/09/92	92-11714	gr_al__r	-9.237 +/- 6.8	pCi/L	1	
WNW0305	12/09/92	92-13406	gr_al__r	-2.000 +/- 3.9	pCi/L	1	
WNW0305	01/18/93	93-00376	gr_al__r	-4.111 +/- 4.0	pCi/L	1	
WNW0305	01/18/93	93-00537	gr_al__r	2.40 +/- 7.4	pCi/L	1	
WNW0305	02/25/93	93-02071	gr_al__r	-0.996 +/- 2.0	pCi/L	1	
WNW0305	04/26/93	93-03893	gr_al__r	1.06 +/- 6.2	pCi/L	1	
WNW0305	06/02/93	93-05840	gr_al__r	6.36 +/- 8.3	pCi/L	1	
WNW0305	07/20/93	93-07206	gr_al__r	-6.315 +/- 6.6	pCi/L	1	
WNW0305	07/20/93	93-07206	gr_al__r	-1.281 +/- 8.3	pCi/L	2	
WNW0305	10/29/93	93-11118	gr_al__r	1.64 +/- 5.6	pCi/L	1	
WNW0305	02/21/94	94-01217	gr_al__r	3.10 +/- 10	pCi/L	1	
WNW0305	05/16/94	94-03839	gr_al__r	6.73 +/- 16	pCi/L	1	
WNW0305	03/18/91	91-01955	gr_bt__r	45.9 +/- 17	pCi/L	1	
WNW0305	05/01/91	91-03058	gr_bt__r	11.3 +/- 7.1	pCi/L	1	
WNW0305	05/22/91	91-04122	gr_bt__r	6.73 +/- 7.2	pCi/L	1	
WNW0305	05/22/91	91-04256	gr_bt__r	4.71 +/- 7.1	pCi/L	1	
WNW0305	07/17/91	91-06201	gr_bt__r	-0.841 +/- 16	pCi/L	1	
WNW0305	08/26/91	91-07598	gr_bt__r	7.76 +/- 6.9	pCi/L	1	
WNW0305	10/29/91	91-09667	gr_bt__r	5.70 +/- 7.9	pCi/L	1	
WNW0305	11/25/91	91-11278	gr_bt__r	-0.882 +/- 7.1	pCi/L	1	
WNW0305	01/22/92	92-00094	gr_bt__r	-0.424 +/- 7.0	pCi/L	1	
WNW0305	03/04/92	92-01961	gr_bt__r	5.49 +/- 7.3	pCi/L	1	
WNW0305	04/13/92	92-04032	gr_bt__r	8.49 +/- 7.9	pCi/L	1	
WNW0305	07/24/92	92-06822	gr_bt__r	13.3 +/- 10	pCi/L	1	
WNW0305	08/31/92	92-09253	gr_bt__r	6.74 +/- 10	pCi/L	1	
WNW0305	10/13/92	92-10878	gr_bt__r	15.0 +/- 10	pCi/L	1	
WNW0305	11/09/92	92-11714	gr_bt__r	15.0 +/- 10	pCi/L	1	
WNW0305	12/09/92	92-13406	gr_bt__r	4.97 +/- 5.0	pCi/L	1	
WNW0305	01/18/93	93-00376	gr_bt__r	8.49 +/- 4.6	pCi/L	1	
WNW0305	01/18/93	93-00537	gr_bt__r	8.41 +/- 4.7	pCi/L	1	

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Well_ID	Samp_Date	Sample_ID	Parameter	Result	Units	Rep #	QA Flags
WNW0305	02/25/93	93-02071	gr_bt__r	5.25 +/- 4.8	pCi/L	1	
WNW0305	04/26/93	93-03893	gr_bt__r	6.50 +/- 4.8	pCi/L	1	
WNW0305	06/02/93	93-05840	gr_bt__r	4.28 +/- 4.5	pCi/L	1	
WNW0305	07/20/93	93-07206	gr_bt__r	9.7 +/- 6.0	pCi/L	1	
WNW0305	07/20/93	93-07206	gr_bt__r	9.8 +/- 6.0	pCi/L	2	
WNW0305	10/29/93	93-11118	gr_bt__r	15.5 +/- 6.3	pCi/L	1	
WNW0305	02/21/94	94-01217	gr_bt__r	6.51 +/- 5.1	pCi/L	1	
WNW0305	05/16/94	94-03839	gr_bt__r	7.24 +/- 10	pCi/L	1	
WNW0305	03/18/91	91-01955	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	05/01/91	91-03058	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	05/22/91	91-04122	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	05/22/91	91-04256	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	07/17/91	91-06201	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	08/26/91	91-07598	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	10/29/91	91-09667	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	11/25/91	91-11278	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	01/22/92	92-00094	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	03/04/92	92-01961	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	04/13/92	92-04032	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	07/24/92	92-06822	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	08/31/92	92-09253	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	10/13/92	92-10878	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	11/09/92	92-11714	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	12/09/92	92-13406	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	01/18/93	93-00376	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	01/18/93	93-00537	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	02/25/93	93-02071	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	04/26/93	93-03893	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	06/02/93	93-05840	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	07/20/93	93-07206	trtium_r	178 +/- 76	pCi/L	1	
WNW0305	10/29/93	93-11118	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0305	02/21/94	94-01217	trtium_r	8.00 +/- 75	pCi/L	1	
WNW0305	05/16/94	94-03839	trtium_r	35.3 +/- 78	pCi/L	1	
WNW0307	02/07/91	91-00991	gr_al__r	6.00 +/- 6.8	pCi/L	1	
WNW0307	05/01/91	91-03304	gr_al__r	-16.370 +/- 32	pCi/L	1	
WNW0307	05/22/91	91-04131	gr_al__r	-10.350 +/- 18	pCi/L	1	
WNW0307	07/17/91	91-06206	gr_al__r	4.55 +/- 6.6	pCi/L	1	
WNW0307	08/26/91	91-07601	gr_al__r	0.000 +/- 5.0	pCi/L	1	
WNW0307	10/29/91	91-09671	gr_al__r	2.10 +/- 5.0	pCi/L	1	
WNW0307	11/25/91	91-11290	gr_al__r	1.53 +/- 3.0	pCi/L	1	
WNW0307	01/22/92	92-00098	gr_al__r	1.07 +/- 2.1	pCi/L	1	
WNW0307	03/04/92	92-01973	gr_al__r	-0.788 +/- 2.7	pCi/L	1	
WNW0307	04/13/92	92-04036	gr_al__r	-1.030 +/- 2.0	pCi/L	1	
WNW0307	07/24/92	92-06835	gr_al__r	0.000 +/- 4.7	pCi/L	1	
WNW0307	08/31/92	92-09257	gr_al__r	1.41 +/- 7.3	pCi/L	1	

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Well_ID	Samp_Date	Sample_ID	Parameter	Result	Units	Rep #	QA Flags
WNW0307	10/13/92	92-10882	gr_al__r	-3.065 +/- 3.5	pCi/L	1	
WNW0307	11/09/92	92-11718	gr_al__r	-0.796 +/- 3.5	pCi/L	1	
WNW0307	12/09/92	92-13419	gr_al__r	0.967 +/- 1.9	pCi/L	1	
WNW0307	01/18/93	93-00380	gr_al__r	-1.714 +/- 4.1	pCi/L	1	
WNW0307	02/25/93	93-02081	gr_al__r	1.43 +/- 2.8	pCi/L	1	
WNW0307	04/26/93	93-03897	gr_al__r	-3.201 +/- 3.1	pCi/L	1	
WNW0307	06/02/93	93-05844	gr_al__r	0.000 +/- 3.8	pCi/L	1	
WNW0307	07/20/93	93-07210	gr_al__r	-2.960 +/- 3.1	pCi/L	1	
WNW0307	10/29/93	93-11107	gr_al__r	1.13 +/- 3.8	pCi/L	1	
WNW0307	02/21/94	94-01220	gr_al__r	-4.835 +/- 4.7	pCi/L	1	
WNW0307	05/16/94	94-03830	gr_al__r	0.000 +/- 17	pCi/L	1	
WNW0307	02/07/91	91-00991	gr_bt__r	13.1 +/- 8.1	pCi/L	1	
WNW0307	05/01/91	91-03304	gr_bt__r	11.9 +/- 4.5	pCi/L	1	
WNW0307	05/22/91	91-04131	gr_bt__r	7.12 +/- 3.3	pCi/L	1	
WNW0307	07/17/91	91-06206	gr_bt__r	6.26 +/- 3.0	pCi/L	1	
WNW0307	08/26/91	91-07601	gr_bt__r	10.0 +/- 4.3	pCi/L	1	
WNW0307	10/29/91	91-09671	gr_bt__r	7.07 +/- 7.1	pCi/L	1	
WNW0307	11/25/91	91-11290	gr_bt__r	1.42 +/- 5.1	pCi/L	1	
WNW0307	01/22/92	92-00098	gr_bt__r	10.1 +/- 8.1	pCi/L	1	
WNW0307	03/04/92	92-01973	gr_bt__r	5.99 +/- 5.2	pCi/L	1	
WNW0307	04/13/92	92-04036	gr_bt__r	4.55 +/- 3.2	pCi/L	1	
WNW0307	07/24/92	92-06835	gr_bt__r	7.84 +/- 3.3	pCi/L	1	
WNW0307	08/31/92	92-09257	gr_bt__r	7.47 +/- 3.5	pCi/L	1	
WNW0307	10/13/92	92-10882	gr_bt__r	11.0 +/- 3.5	pCi/L	1	
WNW0307	11/09/92	92-11718	gr_bt__r	7.52 +/- 3.2	pCi/L	1	
WNW0307	12/09/92	92-13419	gr_bt__r	6.59 +/- 3.2	pCi/L	1	
WNW0307	01/18/93	93-00380	gr_bt__r	9.6 +/- 4.3	pCi/L	1	
WNW0307	02/25/93	93-02081	gr_bt__r	4.72 +/- 3.8	pCi/L	1	
WNW0307	04/26/93	93-03897	gr_bt__r	3.89 +/- 3.6	pCi/L	1	
WNW0307	06/02/93	93-05844	gr_bt__r	5.40 +/- 3.2	pCi/L	1	
WNW0307	07/20/93	93-07210	gr_bt__r	5.53 +/- 3.3	pCi/L	1	
WNW0307	10/29/93	93-11107	gr_bt__r	30.0 +/- 5.0	pCi/L	1	
WNW0307	02/21/94	94-01220	gr_bt__r	6.14 +/- 3.5	pCi/L	1	
WNW0307	05/16/94	94-03830	gr_bt__r	25.0 +/- 16	pCi/L	1	
WNW0307	02/07/91	91-00991	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0307	05/01/91	91-03304	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0307	05/22/91	91-04131	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0307	07/17/91	91-06206	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0307	08/26/91	91-07601	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0307	10/29/91	91-09671	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0307	11/25/91	91-11290	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0307	01/22/92	92-00098	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0307	03/04/92	92-01973	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0307	04/13/92	92-04036	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0307	07/24/92	92-06835	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0307	08/31/92	92-09257	trtium_r	0.000 +/- 100	pCi/L	1	

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Well_ID	Samp_Date	Sample_ID	Parameter	Result	Units	Rep #	QA Flags
WNW0307	10/13/92	92-10882	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0307	11/09/92	92-11718	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0307	12/09/92	92-13419	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0307	01/18/93	93-00380	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0307	02/25/93	93-02081	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0307	04/26/93	93-03897	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0307	06/02/93	93-05844	trtium_r	4.70 +/- 67	pCi/L	1	
WNW0307	07/20/93	93-07210	trtium_r	108 +/- 77	pCi/L	1	
WNW0307	10/29/93	93-11107	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0307	02/21/94	94-01220	trtium_r	25.1 +/- 79	pCi/L	1	
WNW0307	02/21/94	94-01220	trtium_r	44.7 +/- 75	pCi/L	2	
WNW0307	05/16/94	94-03830	trtium_r	16.7 +/- 80	pCi/L	1	
WNW0401	02/07/91	91-00993	gr_al__r	-14.730 +/- 17	pCi/L	1	
WNW0401	05/01/91	91-03308	gr_al__r	4.34 +/- 16	pCi/L	1	
WNW0401	05/21/91	91-04140	gr_al__r	-3.121 +/- 11	pCi/L	1	
WNW0401	07/15/91	91-06211	gr_al__r	0.000 +/- 4.8	pCi/L	1	
WNW0401	08/26/91	91-07606	gr_al__r	-1.883 +/- 6.4	pCi/L	1	
WNW0401	10/29/91	91-09675	gr_al__r	1.20 +/- 5.2	pCi/L	1	
WNW0401	11/27/91	91-11302	gr_al__r	2.56 +/- 5.0	pCi/L	1	
WNW0401	01/22/92	92-00102	gr_al__r	-3.350 +/- 3.8	pCi/L	1	
WNW0401	03/04/92	92-01984	gr_al__r	11.3 +/- 10	pCi/L	1	
WNW0401	03/04/92	92-02890	gr_al__r	0.000 +/- 4.7	pCi/L	1	
WNW0401	04/13/92	92-04040	gr_al__r	9.8 +/- 19	pCi/L	1	
WNW0401	07/16/92	92-06926	gr_al__r	-5.571 +/- 5.5	pCi/L	1	
WNW0401	08/26/92	92-09010	gr_al__r	-2.960 +/- 10	pCi/L	1	
WNW0401	10/05/92	92-10546	gr_al__r	3.14 +/- 8.7	pCi/L	1	
WNW0401	11/04/92	92-11598	gr_al__r	-2.366 +/- 4.6	pCi/L	1	
WNW0401	12/07/92	92-12852	gr_al__r	0.000 +/- 5.9	pCi/L	1	
WNW0401	12/07/92	92-13226	gr_al__r	-1.180 +/- 6.1	pCi/L	1	
WNW0401	01/13/93	93-00164	gr_al__r	2.61 +/- 5.1	pCi/L	1	
WNW0401	02/18/93	93-01745	gr_al__r	-5.797 +/- 8.5	pCi/L	1	
WNW0401	02/18/93	93-01914	gr_al__r	1.29 +/- 4.4	pCi/L	1	
WNW0401	02/18/93	93-01914	gr_al__r	2.66 +/- 6.4	pCi/L	2	
WNW0401	04/21/93	93-03776	gr_al__r	0.000 +/- 9	pCi/L	1	
WNW0401	05/24/93	93-05611	gr_al__r	2.00 +/- 10	pCi/L	1	
WNW0401	05/24/93	93-05611	gr_al__r	-2.422 +/- 4.7	pCi/L	2	
WNW0401	07/12/93	93-06978	gr_al__r	11.0 +/- 13	pCi/L	1	
WNW0401	11/04/93	93-11503	gr_al__r	-14.780 +/- 13	pCi/L	1	
WNW0401	11/04/93	93-11503	gr_al__r	-13.150 +/- 16	pCi/L	2	
WNW0401	02/21/94	94-00265	gr_al__r	4.96 +/- 10	pCi/L	1	
WNW0401	02/21/94	94-00265	gr_al__r	4.92 +/- 10	pCi/L	2	
WNW0401	05/04/94	94-02991	gr_al__r	-9.885 +/- 11	pCi/L	1	
WNW0401	02/07/91	91-00993	gr_bt__r	13.3 +/- 4.7	pCi/L	1	
WNW0401	05/01/91	91-03308	gr_bt__r	4.53 +/- 3.4	pCi/L	1	
WNW0401	05/21/91	91-04140	gr_bt__r	2.21 +/- 3.5	pCi/L	1	

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Well_ID	Samp_Date	Sample_ID	Parameter	Result	Units	Rep #	QA Flags
WNW0401	07/15/91	91-06211	gr_bt__r	6.73 +/- 3.1	pCi/L	1	
WNW0401	08/26/91	91-07606	gr_bt__r	6.99 +/- 3.2	pCi/L	1	
WNW0401	10/29/91	91-09675	gr_bt__r	6.30 +/- 4.3	pCi/L	1	
WNW0401	11/27/91	91-11302	gr_bt__r	1.21 +/- 5.1	pCi/L	1	
WNW0401	01/22/92	92-00102	gr_bt__r	0.300 +/- 5.2	pCi/L	1	
WNW0401	03/04/92	92-01984	gr_bt__r	4.10 +/- 4.9	pCi/L	1	
WNW0401	03/04/92	92-02890	gr_bt__r	16.8 +/- 5.8	pCi/L	1	
WNW0401	04/13/92	92-04040	gr_bt__r	15.5 +/- 5.5	pCi/L	1	
WNW0401	07/16/92	92-06926	gr_bt__r	6.46 +/- 4.5	pCi/L	1	
WNW0401	08/26/92	92-09010	gr_bt__r	4.82 +/- 4.5	pCi/L	1	
WNW0401	10/05/92	92-10546	gr_bt__r	3.67 +/- 4.0	pCi/L	1	
WNW0401	11/04/92	92-11598	gr_bt__r	-0.704 +/- 3.4	pCi/L	1	
WNW0401	12/07/92	92-12852	gr_bt__r	5.09 +/- 4.1	pCi/L	1	
WNW0401	12/07/92	92-13226	gr_bt__r	2.11 +/- 3.6	pCi/L	1	
WNW0401	01/13/93	93-00164	gr_bt__r	4.31 +/- 4.5	pCi/L	1	
WNW0401	02/18/93	93-01745	gr_bt__r	5.36 +/- 5.2	pCi/L	1	
WNW0401	02/18/93	93-01914	gr_bt__r	0.000 +/- 4.7	pCi/L	1	
WNW0401	02/18/93	93-01914	gr_bt__r	0.430 +/- 8.3	pCi/L	2	
WNW0401	04/21/93	93-03776	gr_bt__r	3.25 +/- 5.6	pCi/L	1	
WNW0401	05/24/93	93-05611	gr_bt__r	3.69 +/- 5.9	pCi/L	1	
WNW0401	05/24/93	93-05611	gr_bt__r	6.15 +/- 5.8	pCi/L	2	
WNW0401	07/12/93	93-06978	gr_bt__r	7.08 +/- 8.0	pCi/L	1	
WNW0401	11/04/93	93-11503	gr_bt__r	0.000 +/- 11	pCi/L	1	
WNW0401	11/04/93	93-11503	gr_bt__r	-2.175 +/- 11	pCi/L	2	
WNW0401	02/21/94	94-00265	gr_bt__r	23.1 +/- 14	pCi/L	1	
WNW0401	02/21/94	94-00265	gr_bt__r	23.9 +/- 14	pCi/L	2	
WNW0401	05/04/94	94-02991	gr_bt__r	8.17 +/- 8.2	pCi/L	1	
WNW0401	02/07/91	91-00993	trtium_r	22.3 +/- 71	pCi/L	1	
WNW0401	05/01/91	91-03308	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0401	05/21/91	91-04140	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0401	07/15/91	91-06211	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0401	08/26/91	91-07606	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0401	10/29/91	91-09675	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0401	11/27/91	91-11302	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0401	01/22/92	92-00102	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0401	03/04/92	92-01984	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0401	03/04/92	92-02890	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0401	04/13/92	92-04040	trtium_r	14.7 +/- 85	pCi/L	1	
WNW0401	07/16/92	92-06926	trtium_r	26.4 +/- 77	pCi/L	1	
WNW0401	08/26/92	92-09010	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0401	10/05/92	92-10546	trtium_r	47.3 +/- 74	pCi/L	1	
WNW0401	11/04/92	92-11598	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0401	12/07/92	92-12852	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0401	12/07/92	92-13226	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0401	01/13/93	93-00164	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0401	02/18/93	93-01745	trtium_r	51.0 +/- 74	pCi/L	1	

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Well_ID	Samp_Date	Sample_ID	Parameter	Result	Units	Rep #	QA Flags
WNW0401	02/18/93	93-01914	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0401	04/21/93	93-03776	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0401	05/24/93	93-05611	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0401	07/12/93	93-06978	trtium_r	12.9 +/- 76	pCi/L	1	
WNW0401	11/04/93	93-11503	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0401	02/21/94	94-00265	trtium_r	62.2 +/- 78	pCi/L	1	
WNW0401	05/04/94	94-02991	trtium_r	54.5 +/- 78	pCi/L	1	
WNW0408	03/28/91	91-02247	gr_al__r	0.000 +/- 19	pCi/L	1	
WNW0408	04/24/91	91-02999	gr_al__r	5.35 +/- 6.1	pCi/L	1	
WNW0408	06/05/91	91-04854	gr_al__r	-1.857 +/- 10	pCi/L	1	
WNW0408	08/05/91	91-06824	gr_al__r	0.000 +/- 2.9	pCi/L	1	
WNW0408	09/16/91	91-08288	gr_al__r	-1.982 +/- 2.7	pCi/L	1	
WNW0408	10/21/91	91-09565	gr_al__r	3.29 +/- 4.8	pCi/L	1	
WNW0408	12/11/91	91-12174	gr_al__r	-1.159 +/- 3.9	pCi/L	1	
WNW0408	02/13/92	92-00386	gr_al__r	5.17 +/- 5.4	pCi/L	1	
WNW0408	03/25/92	92-03264	gr_al__r	1.88 +/- 6.4	pCi/L	1	
WNW0408	07/22/92	92-04443	gr_al__r	8.05 +/- 16	pCi/L	1	
WNW0408	08/13/92	92-08404	gr_al__r	-5.295 +/- 10	pCi/L	1	
WNW0408	09/16/92	92-09759	gr_al__r	8.45 +/- 13	pCi/L	1	
WNW0408	10/28/92	92-11292	gr_al__r	-0.783 +/- 7.2	pCi/L	1	
WNW0408	11/18/92	92-12361	gr_al__r	2.13 +/- 4.2	pCi/L	1	
WNW0408	12/16/92	92-14179	gr_al__r	0.983 +/- 3.3	pCi/L	1	
WNW0408	02/08/93	93-00866	gr_al__r	-3.256 +/- 11	pCi/L	1	
WNW0408	03/08/93	93-02914	gr_al__r	9.7 +/- 17	pCi/L	1	
WNW0408	05/10/93	93-05176	gr_al__r	-3.756 +/- 19	pCi/L	1	
WNW0408	06/21/93	93-06130	gr_al__r	-38.950 +/- 36	pCi/L	1	
WNW0408	06/21/93	93-06131	gr_al__r	-7.508 +/- 18	pCi/L	1	
WNW0408	08/02/93	93-07817	gr_al__r	-3.547 +/- 7.0	pCi/L	1	
WNW0408	08/02/93	93-07817	gr_al__r	-3.575 +/- 7.0	pCi/L	2	
WNW0408	12/07/93	93-12950	gr_al__r	5.03 +/- 17	pCi/L	1	
WNW0408	12/07/93	93-12950	gr_al__r	0.000 +/- 14	pCi/L	2	
WNW0408	03/14/94	94-02097	gr_al__r	-18.440 +/- 16	pCi/L	1	
WNW0408	05/09/94	94-04132	gr_al__r	9.4 +/- 8.7	pCi/L	1	
WNW0408	03/28/91	91-02247	gr_bt__r	122900 +/- 943	pCi/L	1	
WNW0408	04/24/91	91-02999	gr_bt__r	97800 +/- 239	pCi/L	1	
WNW0408	06/05/91	91-04854	gr_bt__r	137200 +/- 299	pCi/L	1	
WNW0408	08/05/91	91-06824	gr_bt__r	199000 +/- 431	pCi/L	1	
WNW0408	09/16/91	91-08288	gr_bt__r	160600 +/- 315	pCi/L	1	
WNW0408	10/21/91	91-09565	gr_bt__r	163100 +/- 320	pCi/L	1	
WNW0408	12/11/91	91-12174	gr_bt__r	166200 +/- 326	pCi/L	1	
WNW0408	02/13/92	92-00386	gr_bt__r	163500 +/- 320	pCi/L	1	
WNW0408	03/25/92	92-03264	gr_bt__r	177700 +/- 348	pCi/L	1	
WNW0408	07/22/92	92-04443	gr_bt__r	199000 +/- 390	pCi/L	1	
WNW0408	08/13/92	92-08404	gr_bt__r	207400 +/- 407	pCi/L	1	
WNW0408	09/16/92	92-09759	gr_bt__r	294600 +/- 577	pCi/L	1	

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Well_ID	Samp_Date	Sample_ID	Parameter	Result	Units	Rep #	QA Flags
WNW0408	10/28/92	92-11292	gr_bt__r	273400 +/- 536	pCi/L	1	
WNW0408	11/18/92	92-12361	gr_bt__r	269300 +/- 553	pCi/L	1	
WNW0408	12/16/92	92-14179	gr_bt__r	268400 +/- 549	pCi/L	1	
WNW0408	02/08/93	93-00866	gr_bt__r	238900 +/- 1348	pCi/L	1	
WNW0408	03/08/93	93-02914	gr_bt__r	247200 +/- 1371	pCi/L	1	
WNW0408	05/10/93	93-05176	gr_bt__r	278300 +/- 1468	pCi/L	1	
WNW0408	06/21/93	93-06130	gr_bt__r	212300 +/- 1797	pCi/L	1	
WNW0408	06/21/93	93-06131	gr_bt__r	294700 +/- 1510	pCi/L	1	
WNW0408	08/02/93	93-07817	gr_bt__r	304200 +/- 1530	pCi/L	1	
WNW0408	08/02/93	93-07817	gr_bt__r	302500 +/- 1526	pCi/L	2	
WNW0408	12/07/93	93-12950	gr_bt__r	375300 +/- 1739	pCi/L	1	
WNW0408	12/07/93	93-12950	gr_bt__r	373100 +/- 1734	pCi/L	2	
WNW0408	03/14/94	94-02097	gr_bt__r	299400 +/- 1272	pCi/L	1	
WNW0408	05/09/94	94-04132	gr_bt__r	397800 +/- 1793	pCi/L	1	
WNW0408	03/28/91	91-02247	trtium_r	11400 +/- 393	pCi/L	1	
WNW0408	04/24/91	91-02999	trtium_r	13167 +/- 459	pCi/L	1	
WNW0408	06/05/91	91-04854	trtium_r	15307 +/- 500	pCi/L	1	
WNW0408	08/05/91	91-06824	trtium_r	17454 +/- 586	pCi/L	1	
WNW0408	09/16/91	91-08288	trtium_r	17899 +/- 597	pCi/L	1	
WNW0408	10/21/91	91-09565	trtium_r	24114 +/- 783	pCi/L	1	
WNW0408	12/11/91	91-12174	trtium_r	16137 +/- 543	pCi/L	1	
WNW0408	02/13/92	92-00386	trtium_r	16261 +/- 546	pCi/L	1	
WNW0408	03/25/92	92-03264	trtium_r	16810 +/- 562	pCi/L	1	
WNW0408	07/22/92	92-04443	trtium_r	16432 +/- 549	pCi/L	1	
WNW0408	08/13/92	92-08404	trtium_r	21122 +/- 687	pCi/L	1	
WNW0408	09/16/92	92-09759	trtium_r	24104 +/- 755	pCi/L	1	
WNW0408	10/28/92	92-11292	trtium_r	21832 +/- 689	pCi/L	1	
WNW0408	11/18/92	92-12361	trtium_r	21372 +/- 676	pCi/L	1	
WNW0408	12/16/92	92-14179	trtium_r	19422 +/- 618	pCi/L	1	
WNW0408	02/08/93	93-00866	trtium_r	323 +/- 85	pCi/L	1	
WNW0408	03/08/93	93-02914	trtium_r	327 +/- 85	pCi/L	1	
WNW0408	05/10/93	93-05176	trtium_r	229 +/- 83	pCi/L	1	
WNW0408	06/21/93	93-06131	trtium_r	243 +/- 84	pCi/L	1	
WNW0408	08/02/93	93-07817	trtium_r	181 +/- 82	pCi/L	1	
WNW0408	12/07/93	93-12950	trtium_r	241 +/- 80	pCi/L	1	
WNW0408	03/14/94	94-02097	trtium_r	312 +/- 82	pCi/L	1	
WNW0408	05/09/94	94-04132	trtium_r	255 +/- 80	pCi/L	1	
WNW0706	01/17/91	91-00515	gr_al__r	0.000 +/- 1.7	pCi/L	1	
WNW0706	02/19/91	91-01252	gr_al__r	1.72 +/- 2.5	pCi/L	1	
WNW0706	05/06/91	91-03399	gr_al__r	2.71 +/- 3.3	pCi/L	1	

Note: Before January 1993, tritium analyses for groundwater from well WNW0408 were performed on nondistilled samples. Analyzing such samples resulted in elevated tritium results reflecting potential interferences caused by beta-emitting radionuclides such as Sr-90. Beginning in January 1993, groundwater samples from well WNW0408 were distilled before tritium analysis resulting in significantly lower tritium values.

LWTS Groundwater Radiological Data

Well_ID	Samp_Date	Sample_ID	Parameter	Result	Units	Rep #	QA Flags
WNW0706	06/10/91	91-04961	gr_al__r	2.59 +/- 7.2	pCi/L	1	
WNW0706	07/22/92	91-06419	gr_al__r	-2.845 +/- 3.4	pCi/L	1	
WNW0706	09/09/91	91-07975	gr_al__r	3.42 +/- 4.7	pCi/L	1	
WNW0706	10/14/91	91-09316	gr_al__r	0.376 +/- 1.3	pCi/L	1	
WNW0706	12/02/92	91-11690	gr_al__r	0.000 +/- 2.1	pCi/L	1	
WNW0706	02/05/92	92-00170	gr_al__r	0.000 +/- 1.1	pCi/L	1	
WNW0706	03/16/92	92-02207	gr_al__r	0.461 +/- 2.0	pCi/L	1	
WNW0706	04/27/92	92-04287	gr_al__r	1.03 +/- 2.5	pCi/L	1	
WNW0706	08/10/92	92-07528	gr_al__r	0.000 +/- 2.4	pCi/L	1	
WNW0706	08/24/92	92-09059	gr_al__r	0.000 +/- 2.0	pCi/L	1	
WNW0706	10/05/92	92-10639	gr_al__r	1.19 +/- 3.3	pCi/L	1	
WNW0706	11/04/92	92-11662	gr_al__r	-0.472 +/- 2.4	pCi/L	1	
WNW0706	12/03/92	92-13008	gr_al__r	0.696 +/- 2.4	pCi/L	1	
WNW0706	01/11/93	93-00212	gr_al__r	0.566 +/- 1.9	pCi/L	1	
WNW0706	02/16/93	93-01895	gr_al__r	-1.572 +/- 2.3	pCi/L	1	
WNW0706	04/19/93	93-03825	gr_al__r	-1.683 +/- 2.5	pCi/L	1	
WNW0706	04/19/93	93-03825	gr_al__r	0.000 +/- 2.8	pCi/L	2	
WNW0706	05/24/93	93-05659	gr_al__r	-1.193 +/- 2.3	pCi/L	1	
WNW0706	07/13/93	93-07046	gr_al__r	-0.661 +/- 2.2	pCi/L	1	
WNW0706	11/05/93	93-11600	gr_al__r	0.000 +/- 2.2	pCi/L	1	
WNW0706	02/14/94	94-00311	gr_al__r	1.14 +/- 1.6	pCi/L	1	
WNW0706	05/05/94	94-03476	gr_al__r	-0.944 +/- 4.1	pCi/L	1	
WNW0706	01/17/91	91-00515	gr_bt__r	9.4 +/- 3.2	pCi/L	1	
WNW0706	02/19/91	91-01252	gr_bt__r	6.41 +/- 2.8	pCi/L	1	
WNW0706	05/06/91	91-03399	gr_bt__r	7.45 +/- 3.1	pCi/L	1	
WNW0706	06/10/91	91-04961	gr_bt__r	7.24 +/- 3.0	pCi/L	1	
WNW0706	07/22/92	91-06419	gr_bt__r	7.35 +/- 3.1	pCi/L	1	
WNW0706	09/09/91	91-07975	gr_bt__r	7.31 +/- 3.5	pCi/L	1	
WNW0706	10/14/91	91-09316	gr_bt__r	2.38 +/- 2.2	pCi/L	1	
WNW0706	12/02/92	91-11690	gr_bt__r	3.19 +/- 2.8	pCi/L	1	
WNW0706	02/05/92	92-00170	gr_bt__r	3.28 +/- 2.7	pCi/L	1	
WNW0706	03/16/92	92-02207	gr_bt__r	6.09 +/- 3.0	pCi/L	1	
WNW0706	04/27/92	92-04287	gr_bt__r	7.96 +/- 3.1	pCi/L	1	
WNW0706	08/10/92	92-07528	gr_bt__r	10.5 +/- 3.5	pCi/L	1	
WNW0706	08/24/92	92-09059	gr_bt__r	6.78 +/- 3.2	pCi/L	1	
WNW0706	10/05/92	92-10639	gr_bt__r	9.6 +/- 3.2	pCi/L	1	
WNW0706	11/04/92	92-11662	gr_bt__r	3.78 +/- 2.7	pCi/L	1	
WNW0706	12/03/92	92-13008	gr_bt__r	9.7 +/- 3.4	pCi/L	1	
WNW0706	01/11/93	93-00212	gr_bt__r	11.7 +/- 3.7	pCi/L	1	
WNW0706	02/16/93	93-01895	gr_bt__r	3.25 +/- 3.0	pCi/L	1	
WNW0706	04/19/93	93-03825	gr_bt__r	8.07 +/- 3.3	pCi/L	1	
WNW0706	04/19/93	93-03825	gr_bt__r	6.32 +/- 3.1	pCi/L	2	
WNW0706	05/24/93	93-05659	gr_bt__r	9.5 +/- 3.3	pCi/L	1	
WNW0706	07/13/93	93-07046	gr_bt__r	5.20 +/- 3.1	pCi/L	1	
WNW0706	11/05/93	93-11600	gr_bt__r	9.1 +/- 3.0	pCi/L	1	
WNW0706	02/14/94	94-00311	gr_bt__r	6.19 +/- 2.9	pCi/L	1	

LWTS Groundwater Radiological Data

Well_ID	Samp_Date	Sample_ID	Parameter	Result	Units	Rep #	QA Flags
WNW0706	05/05/94	94-03476	gr_bt__r	8.90 +/- 3.3	pCi/L	1	
WNW0706	01/17/91	91-00515	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0706	02/19/91	91-01252	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0706	05/06/91	91-03399	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0706	06/10/91	91-04961	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0706	07/22/92	91-06419	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0706	09/09/91	91-07975	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0706	10/14/91	91-09316	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0706	12/02/92	91-11690	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0706	02/05/92	92-00170	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0706	03/16/92	92-02207	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0706	04/27/92	92-04287	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0706	08/10/92	92-07528	trtium_r	73.9 +/- 76	pCi/L	1	
WNW0706	08/24/92	92-09059	trtium_r	7.73 +/- 76	pCi/L	1	
WNW0706	10/05/92	92-10639	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0706	11/04/92	92-11662	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0706	12/03/92	92-13008	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0706	01/11/93	93-00212	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0706	02/16/93	93-01895	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0706	04/19/93	93-03825	trtium_r	76.6 +/- 75	pCi/L	1	
WNW0706	05/24/93	93-05659	trtium_r	3.30 +/- 94	pCi/L	1	
WNW0706	07/13/93	93-07046	trtium_r	160 +/- 77	pCi/L	1	
WNW0706	07/13/93	93-07046	trtium_r	174 +/- 77	pCi/L	2	
WNW0706	11/05/93	93-11600	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0706	11/05/93	93-11600	trtium_r	0.000 +/- 100	pCi/L	2	
WNW0706	02/14/94	94-00311	trtium_r	0.000 +/- 100	pCi/L	1	
WNW0706	05/05/94	94-03476	trtium_r	21.2 +/- 76	pCi/L	1	
WNW8609	02/21/91	91-01367	gr_al__r	0.900 +/- 3.1	pCi/L	1	
WNW8609	04/17/91	91-02780	gr_al__r	1.61 +/- 3.9	pCi/L	1	
WNW8609	05/15/91	91-03854	gr_al__r	-0.861 +/- 2.9	pCi/L	1	
WNW8609	07/10/91	91-05964	gr_al__r	0.000 +/- 7.4	pCi/L	1	
WNW8609	08/19/91	91-07333	gr_al__r	-0.941 +/- 4.1	pCi/L	1	
WNW8609	10/07/91	91-09115	gr_al__r	1.84 +/- 2.5	pCi/L	1	
WNW8609	11/18/91	91-10698	gr_al__r	1.88 +/- 4.5	pCi/L	1	
WNW8609	01/15/92	92-00349	gr_al__r	0.000 +/- 2.2	pCi/L	1	
WNW8609	01/15/92	92-00417	gr_al__r	3.34 +/- 5.2	pCi/L	1	
WNW8609	02/24/92	92-01589	gr_al__r	2.12 +/- 3.7	pCi/L	1	
WNW8609	04/06/92	92-03909	gr_al__r	0.000 +/- 2.4	pCi/L	1	
WNW8609	07/17/92	92-06458	gr_al__r	3.25 +/- 6.4	pCi/L	1	
WNW8609	08/26/92	92-09079	gr_al__r	0.000 +/- 3.3	pCi/L	1	
WNW8609	10/06/92	92-10586	gr_al__r	0.798 +/- 4.1	pCi/L	1	
WNW8609	11/04/92	92-11638	gr_al__r	-1.845 +/- 2.1	pCi/L	1	
WNW8609	12/09/92	92-13086	gr_al__r	-1.291 +/- 2.5	pCi/L	1	
WNW8609	01/11/93	93-00232	gr_al__r	0.000 +/- 2.6	pCi/L	1	
WNW8609	02/18/93	93-01835	gr_al__r	-1.592 +/- 3.8	pCi/L	1	

LWTS Groundwater Radiological Data

Well_ID	Samp_Date	Sample_ID	Parameter	Result	Units	Rep #	QA Flags
WNW8609	04/21/93	93-03849	gr_al__r	0.712 +/- 3.7	pCi/L	1	
WNW8609	05/25/93	93-05603	gr_al__r	-1.707 +/- 4.7	pCi/L	1	
WNW8609	05/25/93	93-05666	gr_al__r	0.942 +/- 4.9	pCi/L	1	
WNW8609	07/12/93	93-07018	gr_al__r	0.966 +/- 4.2	pCi/L	1	
WNW8609	11/11/93	93-12000	gr_al__r	-2.066 +/- 5.7	pCi/L	1	
WNW8609	03/09/94	94-00293	gr_al__r	0.906 +/- 4.7	pCi/L	1	J
WNW8609	05/19/94	94-03100	gr_al__r	-1.141 +/- 5.0	pCi/L	1	
WNW8609	05/19/94	94-03768	gr_al__r	0.000 +/- 5.5	pCi/L	1	
WNW8609	02/21/91	91-01367	gr_bt__r	241 +/- 10	pCi/L	1	
WNW8609	04/17/91	91-02780	gr_bt__r	252 +/- 10	pCi/L	1	
WNW8609	05/15/91	91-03854	gr_bt__r	269 +/- 13	pCi/L	1	
WNW8609	07/10/91	91-05964	gr_bt__r	285 +/- 13	pCi/L	1	
WNW8609	08/19/91	91-07333	gr_bt__r	165 +/- 10	pCi/L	1	
WNW8609	10/07/91	91-09115	gr_bt__r	248 +/- 13	pCi/L	1	
WNW8609	11/18/91	91-10698	gr_bt__r	278 +/- 13	pCi/L	1	
WNW8609	01/15/92	92-00349	gr_bt__r	341 +/- 15	pCi/L	1	
WNW8609	01/15/92	92-00417	gr_bt__r	336 +/- 15	pCi/L	1	
WNW8609	02/24/92	92-01589	gr_bt__r	199 +/- 11	pCi/L	1	
WNW8609	04/06/92	92-03909	gr_bt__r	341 +/- 15	pCi/L	1	
WNW8609	07/17/92	92-06458	gr_bt__r	351 +/- 15	pCi/L	1	
WNW8609	08/26/92	92-09079	gr_bt__r	376 +/- 16	pCi/L	1	
WNW8609	10/06/92	92-10586	gr_bt__r	347 +/- 15	pCi/L	1	
WNW8609	11/04/92	92-11638	gr_bt__r	335 +/- 14	pCi/L	1	
WNW8609	12/09/92	92-13086	gr_bt__r	305 +/- 15	pCi/L	1	
WNW8609	01/11/93	93-00232	gr_bt__r	299 +/- 15	pCi/L	1	
WNW8609	02/18/93	93-01835	gr_bt__r	322 +/- 15	pCi/L	1	
WNW8609	04/21/93	93-03849	gr_bt__r	315 +/- 14	pCi/L	1	
WNW8609	05/25/93	93-05603	gr_bt__r	327 +/- 16	pCi/L	1	
WNW8609	05/25/93	93-05666	gr_bt__r	325 +/- 16	pCi/L	1	
WNW8609	07/12/93	93-07018	gr_bt__r	348 +/- 17	pCi/L	1	
WNW8609	11/11/93	93-12000	gr_bt__r	297 +/- 18	pCi/L	1	
WNW8609	03/09/94	94-00293	gr_bt__r	321 +/- 16	pCi/L	1	
WNW8609	05/19/94	94-03100	gr_bt__r	315 +/- 17	pCi/L	1	
WNW8609	05/19/94	94-03768	gr_bt__r	328 +/- 17	pCi/L	1	
WNW8609	02/21/91	91-01367	trtium_r	1352 +/- 96	pCi/L	1	
WNW8609	04/17/91	91-02780	trtium_r	1188 +/- 105	pCi/L	1	
WNW8609	05/15/91	91-03854	trtium_r	1234 +/- 108	pCi/L	1	
WNW8609	07/10/91	91-05964	trtium_r	1805 +/- 125	pCi/L	1	
WNW8609	08/19/91	91-07333	trtium_r	2075 +/- 124	pCi/L	1	
WNW8609	10/07/91	91-09115	trtium_r	1914 +/- 122	pCi/L	1	
WNW8609	11/18/91	91-10698	trtium_r	2097 +/- 122	pCi/L	1	
WNW8609	01/15/92	92-00349	trtium_r	4165 +/- 189	pCi/L	1	
WNW8609	01/15/92	92-00417	trtium_r	1765 +/- 122	pCi/L	1	
WNW8609	02/24/92	92-01589	trtium_r	1836 +/- 124	pCi/L	1	
WNW8609	04/06/92	92-03909	trtium_r	1655 +/- 113	pCi/L	1	
WNW8609	07/17/92	92-06458	trtium_r	1866 +/- 119	pCi/L	1	

LWTS Groundwater Radiological Data

Well_ID	Samp_Date	Sample_ID	Parameter	Result	Units	Rep #	QA Flags
WNW8609	08/26/92	92-09079	trtium_r	1788 +/- 116	pCi/L	1	
WNW8609	10/06/92	92-10586	trtium_r	1669 +/- 107	pCi/L	1	
WNW8609	11/04/92	92-11638	trtium_r	1557 +/- 105	pCi/L	1	
WNW8609	12/09/92	92-13086	trtium_r	1285 +/- 98	pCi/L	1	
WNW8609	01/11/93	93-00232	trtium_r	1075 +/- 94	pCi/L	1	
WNW8609	02/18/93	93-01835	trtium_r	1544 +/- 102	pCi/L	1	
WNW8609	04/21/93	93-03849	trtium_r	1423 +/- 100	pCi/L	1	
WNW8609	05/25/93	93-05603	trtium_r	1585 +/- 108	pCi/L	1	
WNW8609	05/25/93	93-05666	trtium_r	1450 +/- 105	pCi/L	1	
WNW8609	07/12/93	93-07018	trtium_r	1520 +/- 107	pCi/L	1	
WNW8609	11/11/93	93-12000	trtium_r	1264 +/- 101	pCi/L	1	
WNW8609	03/09/94	94-00293	trtium_r	1344 +/- 99	pCi/L	1	
WNW8609	05/19/94	94-03100	trtium_r	1220 +/- 97	pCi/L	1	
WNW8609	05/19/94	94-03768	trtium_r	1194 +/- 96	pCi/L	1	

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Appendix F

Fourth-Quarter 1993 and Second-Quarter 1994
Expanded Groundwater Program Data

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LWTS Groundwater Volatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0305	acetone	10/29/93	ND < 10.00	10.00	µg/L	93-11125	
WNW0305	acetone	05/16/94	ND < 10.00	10.00	µg/L	94-03844	
WNW0305	benzene	10/29/93	ND < 5.00	5.00	µg/L	93-11125	
WNW0305	benzene	05/16/94	ND < 0.70	0.70	µg/L	94-03844	
WNW0305	br_meth	10/29/93	ND < 10.00	10.00	µg/L	93-11125	UJ
WNW0305	br_meth	05/16/94	ND < 10.00	10.00	µg/L	94-03844	
WNW0305	brdcmeth	10/29/93	ND < 5.00	5.00	µg/L	93-11125	
WNW0305	brdcmeth	05/16/94	ND < 5.00	5.00	µg/L	94-03844	
WNW0305	brform	10/29/93	ND < 5.00	5.00	µg/L	93-11125	
WNW0305	brform	05/16/94	ND < 5.00	5.00	µg/L	94-03844	UJ
WNW0305	c_13_dcp	10/29/93	ND < 5.00	5.00	µg/L	93-11125	
WNW0305	c_13_dcp	05/16/94	ND < 5.00	5.00	µg/L	94-03844	
WNW0305	ccl4	10/29/93	ND < 5.00	5.00	µg/L	93-11125	
WNW0305	ccl4	05/16/94	ND < 5.00	5.00	µg/L	94-03844	
WNW0305	cl_benz	10/29/93	ND < 5.00	5.00	µg/L	93-11125	
WNW0305	cl_benz	05/16/94	ND < 5.00	5.00	µg/L	94-03844	
WNW0305	cl_eth	10/29/93	ND < 10.00	10.00	µg/L	93-11125	
WNW0305	cl_eth	05/16/94	ND < 5.00	5.00	µg/L	94-03844	
WNW0305	cl_form	10/29/93	ND < 5.00	5.00	µg/L	93-11125	
WNW0305	cl_form	05/16/94	ND < 5.00	5.00	µg/L	94-03844	
WNW0305	cl_meth	10/29/93	ND < 10.00	10.00	µg/L	93-11125	
WNW0305	cl_meth	05/16/94	ND < 5.00	5.00	µg/L	94-03844	UJ
WNW0305	cs2	10/29/93	ND < 5.00	5.00	µg/L	93-11125	
WNW0305	cs2	05/16/94	ND < 5.00	5.00	µg/L	94-03844	
WNW0305	dbc_meth	10/29/93	ND < 5.00	5.00	µg/L	93-11125	
WNW0305	dbc_meth	05/16/94	ND < 5.00	5.00	µg/L	94-03844	
WNW0305	dca_11	10/29/93	ND < 5.00	5.00	µg/L	93-11125	
WNW0305	dca_11	05/16/94	ND < 5.00	5.00	µg/L	94-03844	
WNW0305	dca_12	10/29/93	ND < 5.00	5.00	µg/L	93-11125	
WNW0305	dca_12	05/16/94	ND < 5.00	5.00	µg/L	94-03844	
WNW0305	dce_11	10/29/93	ND < 5.00	5.00	µg/L	93-11125	
WNW0305	dce_11	05/16/94	ND < 5.00	5.00	µg/L	94-03844	
WNW0305	dce_12_t	10/29/93	ND < 5.00	5.00	µg/L	93-11125	
WNW0305	dce_12_t	05/16/94	ND < 5.00	5.00	µg/L	94-03844	UJ
WNW0305	dcp_12	10/29/93	ND < 5.00	5.00	µg/L	93-11125	
WNW0305	dcp_12	05/16/94	ND < 5.00	5.00	µg/L	94-03844	
WNW0305	eth_benz	10/29/93	ND < 5.00	5.00	µg/L	93-11125	
WNW0305	eth_benz	05/16/94	ND < 5.00	5.00	µg/L	94-03844	
WNW0305	hexnone2	10/29/93	ND < 10.00	10.00	µg/L	93-11125	
WNW0305	hexnone2	05/16/94	ND < 10.00	10.00	µg/L	94-03844	
WNW0305	mek	10/29/93	ND < 10.00	10.00	µg/L	93-11125	
WNW0305	mek	05/16/94	ND < 10.00	10.00	µg/L	94-03844	
WNW0305	mene_cl	10/29/93	ND < 5.00	5.00	µg/L	93-11125	
WNW0305	mene_cl	05/16/94	ND < 5.00	5.00	µg/L	94-03844	
WNW0305	mibk	10/29/93	ND < 10.00	10.00	µg/L	93-11125	

LWTS Groundwater Volatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0305	mibk	05/16/94	ND<10.00	10.00	µg/L	94-03844	
WNW0305	styrene	10/29/93	ND<5.00	5.00	µg/L	93-11125	
WNW0305	styrene	05/16/94	ND<5.00	5.00	µg/L	94-03844	
WNW0305	t_13_dcp	10/29/93	ND<5.00	5.00	µg/L	93-11125	
WNW0305	t_13_dcp	05/16/94	ND<5.00	5.00	µg/L	94-03844	
WNW0305	tca_111	10/29/93	ND<5.00	5.00	µg/L	93-11125	
WNW0305	tca_111	05/16/94	ND<5.00	5.00	µg/L	94-03844	
WNW0305	tca_112	10/29/93	ND<5.00	5.00	µg/L	93-11125	
WNW0305	tca_112	05/16/94	ND<5.00	5.00	µg/L	94-03844	
WNW0305	tca_1122	10/29/93	ND<5.00	5.00	µg/L	93-11125	
WNW0305	tca_1122	05/16/94	ND<5.00	5.00	µg/L	94-03844	
WNW0305	tcb_124	10/29/93	ND<10.00	10.00	µg/L	93-11126	
WNW0305	tcb_124	05/16/94	ND<10.00	10.00	µg/L	94-03845	
WNW0305	tetcleth	10/29/93	ND<5.00	5.00	µg/L	93-11125	
WNW0305	tetcleth	05/16/94	ND<5.00	5.00	µg/L	94-03844	
WNW0305	toluene	10/29/93	ND<5.00	5.00	µg/L	93-11125	
WNW0305	toluene	05/16/94	ND<5.00	5.00	µg/L	94-03844	
WNW0305	tricleth	10/29/93	ND<5.00	5.00	µg/L	93-11125	
WNW0305	tricleth	05/16/94	ND<5.00	5.00	µg/L	94-03844	
WNW0305	vnyl_cl	10/29/93	ND<10.00	10.00	µg/L	93-11125	
WNW0305	vnyl_cl	05/16/94	ND<2.00	2.00	µg/L	94-03844	
WNW0305	xylene	10/29/93	ND<5.00	5.00	µg/L	93-11125	
WNW0305	xylene	05/16/94	ND<5.00	5.00	µg/L	94-03844	
WNW0408	acetone	12/06/93	ND<10.00	10.00	µg/L	93-12956	
WNW0408	acetone	05/09/94	ND<10.00	10.00	µg/L	94-04137	R
WNW0408	benzene	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	benzene	05/09/94	ND<0.70	0.70	µg/L	94-04137	
WNW0408	br_meth	12/06/93	ND<10.00	10.00	µg/L	93-12956	
WNW0408	br_meth	05/09/94	ND<10.00	10.00	µg/L	94-04137	
WNW0408	brdcmeth	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	brdcmeth	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	brform	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	brform	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	c_13_dcp	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	c_13_dcp	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	ccl4	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	ccl4	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	cl_benz	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	cl_benz	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	cl_eth	12/06/93	ND<10.00	10.00	µg/L	93-12956	
WNW0408	cl_eth	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	cl_form	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	cl_form	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	cl_meth	12/06/93	ND<10.00	10.00	µg/L	93-12956	

LWTS Groundwater Volatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0408	cl_meth	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	cs2	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	cs2	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	dbc_meth	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	dbc_meth	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	dca_11	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	dca_11	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	dca_12	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	dca_12	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	dce_11	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	dce_11	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	dce_12_t	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	dce_12_t	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	dcp_12	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	dcp_12	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	eth_benz	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	eth_benz	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	hexnone2	12/06/93	ND<10.00	10.00	µg/L	93-12956	
WNW0408	hexnone2	05/09/94	ND<10.00	10.00	µg/L	94-04137	
WNW0408	mek	12/06/93	ND<10.00	10.00	µg/L	93-12956	
WNW0408	mek	05/09/94	ND<10.00	10.00	µg/L	94-04137	
WNW0408	mene_cl	12/06/93		2.00	µg/L	93-12956	UJ
WNW0408	mene_cl	05/09/94		4.00	µg/L	94-04137	UJ
WNW0408	mibk	12/06/93	ND<10.00	10.00	µg/L	93-12956	
WNW0408	mibk	05/09/94	ND<10.00	10.00	µg/L	94-04137	UJ
WNW0408	styrene	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	styrene	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	t_13_dcp	12/06/93	ND<5.00	5.00	µg/L	93-12956	UJ
WNW0408	t_13_dcp	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	tca_111	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	tca_111	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	tca_112	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	tca_112	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	tca_1122	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	tca_1122	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	tcb_124	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	tcb_124	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	tetcleth	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	tetcleth	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	toluene	12/06/93		1.00	µg/L	93-12956	J
WNW0408	toluene	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	tricleth	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	tricleth	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW0408	vnyl_cl	12/06/93	ND<10.00	10.00	µg/L	93-12956	
WNW0408	vnyl_cl	05/09/94	ND<2.00	2.00	µg/L	94-04137	

LWTS Groundwater Volatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0408	xylene	12/06/93	ND<5.00	5.00	µg/L	93-12956	
WNW0408	xylene	05/09/94	ND<5.00	5.00	µg/L	94-04137	
WNW8609	acetone	11/11/93	ND<10.00	10.00	µg/L	93-12006	UJ
WNW8609	acetone	11/11/93	ND<10.00	10.00	µg/L	93-12006	UJ
WNW8609	acetone	05/19/94	ND<10.00	10.00	µg/L	94-03773	
WNW8609	acetone	05/19/94	ND<10.00	10.00	µg/L	94-03105	
WNW8609	acetone	05/19/94	ND<10.00	10.00	µg/L	94-03105	
WNW8609	acetone	05/19/94	ND<10.00	10.00	µg/L	94-03773	
WNW8609	acnitril	11/11/93	ND<100.00	100.00	µg/L	93-12006	
WNW8609	acnitril	11/11/93	ND<100.00	100.00	µg/L	93-12006	
WNW8609	acnitril	05/19/94	ND<100.00	100.00	µg/L	94-03105	
WNW8609	acnitril	05/19/94	ND<100.00	100.00	µg/L	94-03773	
WNW8609	acnitril	05/19/94	ND<100.00	100.00	µg/L	94-03105	
WNW8609	acnitril	05/19/94	ND<100.00	100.00	µg/L	94-03773	
WNW8609	acrolein	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	acrolein	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	acrolein	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	acrolein	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	acrolein	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	acrolein	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	acrynitr	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	acrynitr	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	acrynitr	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	acrynitr	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	acrynitr	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	acrynitr	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	allylcl	11/11/93	ND<100.00	100.00	µg/L	93-12006	UJ
WNW8609	allylcl	11/11/93	ND<100.00	100.00	µg/L	93-12006	UJ
WNW8609	allylcl	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	allylcl	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	allylcl	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	allylcl	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	benzene	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	benzene	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	benzene	05/19/94	ND<0.70	0.70	µg/L	94-03105	
WNW8609	benzene	05/19/94	ND<0.70	0.70	µg/L	94-03773	
WNW8609	benzene	05/19/94	ND<0.70	0.70	µg/L	94-03773	
WNW8609	benzene	05/19/94	ND<0.70	0.70	µg/L	94-03105	
WNW8609	br_meth	11/11/93	ND<10.00	10.00	µg/L	93-12006	UJ
WNW8609	br_meth	11/11/93	ND<10.00	10.00	µg/L	93-12006	UJ
WNW8609	br_meth	05/19/94	ND<10.00	10.00	µg/L	94-03773	
WNW8609	br_meth	05/19/94	ND<10.00	10.00	µg/L	94-03105	
WNW8609	br_meth	05/19/94	ND<10.00	10.00	µg/L	94-03105	
WNW8609	br_meth	05/19/94	ND<10.00	10.00	µg/L	94-03773	

LWTS Groundwater Volatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	brdcmeth	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	brdcmeth	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	brdcmeth	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	brdcmeth	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	brdcmeth	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	brdcmeth	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	brform	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	brform	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	brform	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	brform	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	brform	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	brform	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	c_13_dcp	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	c_13_dcp	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	c_13_dcp	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	c_13_dcp	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	c_13_dcp	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	c_13_dcp	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	ccl4	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	ccl4	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	ccl4	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	ccl4	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	ccl4	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	ccl4	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	cl_benz	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	cl_benz	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	cl_benz	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	cl_benz	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	cl_benz	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	cl_benz	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	cl_eth	11/11/93	ND<10.00	10.00	µg/L	93-12006	
WNW8609	cl_eth	11/11/93	ND<10.00	10.00	µg/L	93-12006	
WNW8609	cl_eth	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	cl_eth	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	cl_eth	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	cl_eth	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	cl_form	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	cl_form	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	cl_form	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	cl_form	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	cl_form	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	cl_form	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	cl_meth	11/11/93	ND<10.00	10.00	µg/L	93-12006	
WNW8609	cl_meth	11/11/93	ND<10.00	10.00	µg/L	93-12006	
WNW8609	cl_meth	05/19/94	ND<5.00	5.00	µg/L	94-03773	

LWTS Groundwater Volatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	cl_meth	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	cl_meth	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	cl_meth	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	cl_prene	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	cl_prene	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	cl_prene	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	cl_prene	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	cl_prene	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	cl_prene	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	clbnzilt	05/19/94	ND<10.00	10.00	µg/L	94-03106	
WNW8609	clbnzilt	05/19/94	ND<10.00	10.00	µg/L	94-03774	
WNW8609	clevethr	11/11/93	ND<10.00	10.00	µg/L	93-12006	
WNW8609	clevethr	11/11/93	ND<10.00	10.00	µg/L	93-12006	
WNW8609	clevethr	05/19/94	ND<10.00	10.00	µg/L	94-03105	
WNW8609	clevethr	05/19/94	ND<10.00	10.00	µg/L	94-03773	
WNW8609	clevethr	05/19/94	ND<10.00	10.00	µg/L	94-03773	
WNW8609	clevethr	05/19/94	ND<10.00	10.00	µg/L	94-03105	
WNW8609	cs2	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	cs2	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	cs2	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	cs2	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	cs2	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	cs2	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	dbc_meth	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	dbc_meth	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	dbc_meth	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	dbc_meth	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	dbc_meth	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	dbc_meth	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	dbc_prop	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	dbc_prop	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	dbc_prop	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	dbc_prop	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	dbc_prop	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	dbc_prop	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	dbeth_12	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	dbeth_12	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	dbeth_12	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	dbeth_12	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	dbeth_12	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	dbeth_12	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	dca_11	11/11/93		3.00	µg/L	93-12006	J
WNW8609	dca_11	11/11/93		3.00	µg/L	93-12006	J
WNW8609	dca_11	05/19/94		2.00	µg/L	94-03773	J
WNW8609	dca_11	05/19/94		2.00	µg/L	94-03105	J

LWTS Groundwater Volatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	dca_11	05/19/94		2.00	µg/L	94-03105	J
WNW8609	dca_11	05/19/94		2.00	µg/L	94-03773	J
WNW8609	dca_12	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	dca_12	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	dca_12	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	dca_12	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	dca_12	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	dca_12	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	dcdfmeth	11/11/93	ND<5.00	5.00	µg/L	93-12006	UJ
WNW8609	dcdfmeth	11/11/93	ND<5.00	5.00	µg/L	93-12006	UJ
WNW8609	dcdfmeth	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	dcdfmeth	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	dcdfmeth	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	dcdfmeth	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	dce_11	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	dce_11	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	dce_11	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	dce_11	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	dce_11	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	dce_11	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	dcp_12	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	dcp_12	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	dcp_12	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	dcp_12	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	dcp_12	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	dcp_12	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	diox_14	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	diox_14	05/19/94	ND<10.00	10.00	µg/L	94-03106	UJ
WNW8609	diox_14	05/19/94	ND<10.00	10.00	µg/L	94-03774	UJ
WNW8609	eth_benz	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	eth_benz	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	eth_benz	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	eth_benz	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	eth_benz	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	eth_benz	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	eth_meth	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	eth_meth	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	eth_meth	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	eth_meth	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	eth_meth	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	eth_meth	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	hexnone2	11/11/93	ND<10.00	10.00	µg/L	93-12006	UJ
WNW8609	hexnone2	11/11/93	ND<10.00	10.00	µg/L	93-12006	UJ
WNW8609	hexnone2	05/19/94	ND<10.00	10.00	µg/L	94-03773	
WNW8609	hexnone2	05/19/94	ND<10.00	10.00	µg/L	94-03105	

LWTS Groundwater Volatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	hexnone2	05/19/94	ND<10.00	10.00	µg/L	94-03105	
WNW8609	hexnone2	05/19/94	ND<10.00	10.00	µg/L	94-03773	
WNW8609	ibut_alc	11/11/93	ND<50.00	50.00	µg/L	93-12006	R
WNW8609	ibut_alc	11/11/93	ND<50.00	50.00	µg/L	93-12006	R
WNW8609	ibut_alc	05/19/94	ND<50.00	50.00	µg/L	94-03105	R
WNW8609	ibut_alc	05/19/94	ND<50.00	50.00	µg/L	94-03105	R
WNW8609	ibut_alc	05/19/94	ND<50.00	50.00	µg/L	94-03773	R
WNW8609	ibut_alc	05/19/94	ND<50.00	50.00	µg/L	94-03773	R
WNW8609	meacryln	11/11/93	ND<5.00	5.00	µg/L	93-12006	UJ
WNW8609	meacryln	11/11/93	ND<5.00	5.00	µg/L	93-12006	UJ
WNW8609	meacryln	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	meacryln	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	meacryln	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	meacryln	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	mek	11/11/93	ND<10.00	10.00	µg/L	93-12006	
WNW8609	mek	11/11/93	ND<10.00	10.00	µg/L	93-12006	
WNW8609	mek	05/19/94	ND<10.00	10.00	µg/L	94-03773	
WNW8609	mek	05/19/94	ND<10.00	10.00	µg/L	94-03773	
WNW8609	mek	05/19/94	ND<10.00	10.00	µg/L	94-03105	
WNW8609	mek	05/19/94	ND<10.00	10.00	µg/L	94-03105	
WNW8609	mene_br	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	mene_br	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	mene_br	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	mene_br	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	mene_br	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	mene_br	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	mene_cl	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	mene_cl	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	mene_cl	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	mene_cl	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	mene_cl	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	mene_cl	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	meth_i	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	meth_i	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	meth_i	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	meth_i	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	meth_i	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	meth_i	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	methmeac	11/11/93	ND<5.00	5.00	µg/L	93-12006	UJ
WNW8609	methmeac	11/11/93	ND<5.00	5.00	µg/L	93-12006	UJ
WNW8609	methmeac	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	methmeac	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	methmeac	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	methmeac	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	mibk	11/11/93	ND<10.00	10.00	µg/L	93-12006	UJ

LWTS Groundwater Volatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	mibk	11/11/93	ND<10.00	10.00	µg/L	93-12006	UJ
WNW8609	mibk	05/19/94	ND<10.00	10.00	µg/L	94-03773	
WNW8609	mibk	05/19/94	ND<10.00	10.00	µg/L	94-03105	
WNW8609	mibk	05/19/94	ND<10.00	10.00	µg/L	94-03105	
WNW8609	mibk	05/19/94	ND<10.00	10.00	µg/L	94-03773	
WNW8609	picoline	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	picoline	05/19/94	ND<10.00	10.00	µg/L	94-03774	
WNW8609	picoline	05/19/94	ND<10.00	10.00	µg/L	94-03106	
WNW8609	pntcleth	11/11/93	ND<5.00	5.00	µg/L	93-12006	UJ
WNW8609	pntcleth	11/11/93	ND<5.00	5.00	µg/L	93-12006	UJ
WNW8609	pntcleth	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	pntcleth	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	pntcleth	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	pntcleth	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	propnitl	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	propnitl	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	propnitl	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	propnitl	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	propnitl	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	propnitl	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	pyridine	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	pyridine	05/19/94	ND<10.00	10.00	µg/L	94-03106	
WNW8609	pyridine	05/19/94	ND<10.00	10.00	µg/L	94-03774	
WNW8609	styrene	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	styrene	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	styrene	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	styrene	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	styrene	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	styrene	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	t_12_dce	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	t_12_dce	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	t_12_dce	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	t_12_dce	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	t_12_dce	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	t_12_dce	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	t_13_dcp	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	t_13_dcp	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	t_13_dcp	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	t_13_dcp	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	t_13_dcp	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	t_13_dcp	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	t_14dc2b	11/11/93	ND<5.00	5.00	µg/L	93-12006	UJ
WNW8609	t_14dc2b	11/11/93	ND<5.00	5.00	µg/L	93-12006	UJ
WNW8609	t_14dc2b	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	t_14dc2b	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ

LWTS Groundwater Volatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	t_14dc2b	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	t_14dc2b	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	tca_111	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	tca_111	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	tca_111	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	tca_111	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	tca_111	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	tca_111	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	tca_1112	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	tca_1112	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	tca_1112	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	tca_1112	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	tca_1112	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	tca_1112	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	tca_112	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	tca_112	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	tca_112	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	tca_112	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	tca_112	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	tca_112	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	tca_1122	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	tca_1122	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	tca_1122	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	tca_1122	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	tca_1122	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	tca_1122	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	tcb_124	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	tcb_124	05/19/94	ND<10.00	10.00	µg/L	94-03774	
WNW8609	tcb_124	05/19/94	ND<10.00	10.00	µg/L	94-03106	
WNW8609	tcf_meth	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	tcf_meth	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	tcf_meth	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	tcf_meth	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	tcf_meth	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	tcf_meth	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	tcp_123	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	tcp_123	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	tcp_123	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	tcp_123	05/19/94	ND<5.00	5.00	µg/L	94-03105	UJ
WNW8609	tcp_123	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	tcp_123	05/19/94	ND<5.00	5.00	µg/L	94-03773	UJ
WNW8609	tetcleth	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	tetcleth	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	tetcleth	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	tetcleth	05/19/94	ND<5.00	5.00	µg/L	94-03773	

LWTS Groundwater Volatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	tetcleth	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	tetcleth	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	toluene	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	toluene	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	toluene	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	toluene	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	toluene	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	toluene	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	tricleth	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	tricleth	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	tricleth	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	tricleth	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	tricleth	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	tricleth	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	vnyl_ace	11/11/93	ND<5.00	5.00	µg/L	93-12006	UJ
WNW8609	vnyl_ace	11/11/93	ND<5.00	5.00	µg/L	93-12006	UJ
WNW8609	vnyl_ace	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	vnyl_ace	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	vnyl_ace	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	vnyl_ace	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	vnyl_cl	11/11/93	ND<10.0	10.00	µg/L	93-12006	
WNW8609	vnyl_cl	11/11/93	ND<10.00	10.00	µg/L	93-12006	
WNW8609	vnyl_cl	05/19/94	ND<2.00	2.00	µg/L	94-03773	
WNW8609	vnyl_cl	05/19/94	ND<2.00	2.00	µg/L	94-03105	
WNW8609	vnyl_cl	05/19/94	ND<2.00	2.00	µg/L	94-03105	
WNW8609	vnyl_cl	05/19/94	ND<2.00	2.00	µg/L	94-03773	
WNW8609	xylene	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	xylene	11/11/93	ND<5.00	5.00	µg/L	93-12006	
WNW8609	xylene	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	xylene	05/19/94	ND<5.00	5.00	µg/L	94-03773	
WNW8609	xylene	05/19/94	ND<5.00	5.00	µg/L	94-03105	
WNW8609	xylene	05/19/94	ND<5.00	5.00	µg/L	94-03105	

LWTS Groundwater Semivolatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0305	acnphthe	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	acnphthe	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	acnphthy	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	acnphthy	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	anthracn	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	anthracn	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	bis2ceth	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	bis2ceth	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	bis2cexy	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	bis2cexy	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	bis2clis	10/29/93	ND < 10.00	10.00	µg/L	93-11126	UJ
WNW0305	bis2clis	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	bis2ehex	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	bis2ehex	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	bnz_a_an	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	bnz_a_an	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	bnz_a_py	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	bnz_a_py	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	bnz_b_fl	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	bnz_b_fl	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	bnz_k_fl	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	bnz_k_fl	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	bnzghipr	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	bnzghipr	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	brppeth4	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	brppeth4	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	butbnzph	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	butbnzph	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	carbazol	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	carbazol	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	chppeth4	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	chppeth4	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	chrysene	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	chrysene	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	clnapht2	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	clnapht2	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	clphen_2	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	clphen_2	05/16/94	ND < 10.00	10.00	µg/L	94-03845	R
WNW0305	dbahanth	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	dbahanth	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	dcb_33	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	dcb_33	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	dibnzfur	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	dibnzfur	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	diclph24	10/29/93	ND < 10.00	10.00	µg/L	93-11126	

LWTS Groundwater Semivolatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0305	diclph24	05/16/94	ND < 10.00	10.00	µg/L	94-03845	R
WNW0305	diethyph	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	diethyph	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	dimthp24	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	dimthp24	05/16/94	ND < 10.00	10.00	µg/L	94-03845	R
WNW0305	dimthyph	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	dimthyph	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	dinbutph	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	dinbutph	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	dinoctph	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	dinoctph	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	dintrp24	10/29/93	ND < 50.00	50.00	µg/L	93-11126	UJ
WNW0305	dintrp24	05/16/94	ND < 50.00	50.00	µg/L	94-03845	R
WNW0305	dintrt24	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	dintrt24	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	dintrt26	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	dintrt26	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	dntrcr46	10/29/93	ND < 50.00	50.00	µg/L	93-11126	
WNW0305	dntrcr46	05/16/94	ND < 50.00	50.00	µg/L	94-03845	R
WNW0305	flranthn	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	flranthn	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	fluorene	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	fluorene	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	hexclbnz	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	hexclbnz	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	hexclbut	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	hexclbut	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	hexcleth	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	hexcleth	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	hexclpen	10/29/93	ND < 10.00	10.00	µg/L	93-11126	UJ
WNW0305	hexclpen	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	indnpyre	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	indnpyre	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	isophron	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	isophron	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	m_dclbnz	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	m_dclbnz	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	m_ntranl	10/29/93	ND < 50.00	50.00	µg/L	93-11126	
WNW0305	m_ntranl	05/16/94	ND < 50.00	50.00	µg/L	94-03845	
WNW0305	mthynph2	10/29/93	ND < 10.00	10.00	µg/L	93-11126	UJ
WNW0305	mthynph2	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	naphthal	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	naphthal	05/16/94	ND < 10.00	10.00	µg/L	94-03845	
WNW0305	nntrphny	10/29/93	ND < 10.00	10.00	µg/L	93-11126	
WNW0305	nntrphny	05/16/94	ND < 10.00	10.00	µg/L	94-03845	

LWTS Groundwater Semivolatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0305	nntrprpy	10/29/93	ND<10.00	10.00	µg/L	93-11126	
WNW0305	nntrprpy	05/16/94	ND<10.00	10.00	µg/L	94-03845	
WNW0305	ntrobenz	10/29/93	ND<10.00	10.00	µg/L	93-11126	
WNW0305	ntrobenz	05/16/94	ND<10.00	10.00	µg/L	94-03845	
WNW0305	o_cresol	10/29/93	ND<10.00	10.00	µg/L	93-11126	
WNW0305	o_cresol	05/16/94	ND<10.00	10.00	µg/L	94-03845	
WNW0305	o_dclbnz	10/29/93	ND<10.00	10.00	µg/L	93-11126	
WNW0305	o_dclbnz	05/16/94	ND<10.00	10.00	µg/L	94-03845	
WNW0305	o_ntranl	10/29/93	ND<50.00	50.00	µg/L	93-11126	
WNW0305	o_ntranl	05/16/94	ND<50.00	50.00	µg/L	94-03845	
WNW0305	o_ntrphn	10/29/93	ND<10.00	10.00	µg/L	93-11126	
WNW0305	o_ntrphn	05/16/94	ND<10.00	10.00	µg/L	94-03845	R
WNW0305	p_cresol	10/29/93	ND<10.00	10.00	µg/L	93-11126	
WNW0305	p_cresol	05/16/94	ND<10.00	10.00	µg/L	94-03845	R
WNW0305	p_dclbnz	10/29/93	ND<10.00	10.00	µg/L	93-11126	
WNW0305	p_dclbnz	05/16/94	ND<10.00	10.00	µg/L	94-03845	
WNW0305	p_ntranl	10/29/93	ND<50.00	50.00	µg/L	93-11126	
WNW0305	p_ntranl	05/16/94	ND<50.00	50.00	µg/L	94-03845	
WNW0305	p_ntrphn	10/29/93	ND<50.00	50.00	µg/L	93-11126	
WNW0305	p_ntrphn	05/16/94	ND<50.00	50.00	µg/L	94-03845	R
WNW0305	pclranil	10/29/93	ND<10.00	10.00	µg/L	93-11126	
WNW0305	pclranil	05/16/94	ND<10.00	10.00	µg/L	94-03845	
WNW0305	pclrmcrs	10/29/93	ND<10.00	10.00	µg/L	93-11126	
WNW0305	pclrmcrs	05/16/94	ND<10.00	10.00	µg/L	94-03845	R
WNW0305	phenol	10/29/93	ND<10.00	10.00	µg/L	93-11126	
WNW0305	phenol	05/16/94	ND<10.00	10.00	µg/L	94-03845	R
WNW0305	phnanthr	10/29/93	ND<10.00	10.00	µg/L	93-11126	
WNW0305	phnanthr	05/16/94	ND<10.00	10.00	µg/L	94-03845	
WNW0305	pntclphn	10/29/93	ND<50.00	50.00	µg/L	93-11126	
WNW0305	pntclphn	05/16/94	ND<50.00	50.00	µg/L	94-03845	R
WNW0305	pyrene	10/29/93	ND<10.00	10.00	µg/L	93-11126	
WNW0305	pyrene	05/16/94	ND<10.00	10.00	µg/L	94-03845	
WNW0305	tclph245	10/29/93	ND<10.00	10.00	µg/L	93-11126	
WNW0305	tclph245	05/16/94	ND<10.00	10.00	µg/L	94-03845	R
WNW0305	tclph246	10/29/93	ND<10.00	10.00	µg/L	93-11126	
WNW0305	tclph246	05/16/94	ND<10.00	10.00	µg/L	94-03845	R
WNW0408	acnphthe	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	acnphthe	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	acnphthy	12/06/93	ND<10.0	10.00	µg/L	93-12957	
WNW0408	acnphthy	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	anthracn	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	anthracn	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	bis2ceth	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	bis2ceth	05/09/94	ND<9.90	9.90	µg/L	94-04138	

LWTS Groundwater Semivolatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0408	bis2cexy	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	bis2cexy	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	bis2clis	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	bis2clis	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	bis2ehex	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	bis2ehex	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	bnz_a_an	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	bnz_a_an	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	bnz_a_py	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	bnz_a_py	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	bnz_b_fl	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	bnz_b_fl	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	bnz_k_fl	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	bnz_k_fl	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	bnzghipr	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	bnzghipr	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	brppeth4	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	brppeth4	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	butbnzph	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	butbnzph	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	carbazol	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	carbazol	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	chppeth4	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	chppeth4	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	chrysene	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	chrysene	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	clnapht2	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	clnapht2	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	clphen_2	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	clphen_2	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	dbahanth	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	dbahanth	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	dcb_33	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	dcb_33	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	dibnzfur	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	dibnzfur	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	diclph24	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	diclph24	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	diethyph	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	diethyph	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	dimthp24	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	dimthp24	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	dimthyph	12/06/93	ND < 10.00	10.00	µg/L	93-12957	
WNW0408	dimthyph	05/09/94	ND < 9.90	9.90	µg/L	94-04138	
WNW0408	dinbutph	12/06/93	ND < 10.00	10.00	µg/L	93-12957	

LWTS Groundwater Semivolatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0408	dinbutph	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	dinoctph	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	dinoctph	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	dintrp24	12/06/93	ND<25.00	25.00	µg/L	93-12957	UJ
WNW0408	dintrp24	05/09/94	ND<25.00	25.00	µg/L	94-04138	UJ
WNW0408	dintrt24	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	dintrt24	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	dintrt26	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	dintrt26	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	dntrcr46	12/06/93	ND<25.00	25.00	µg/L	93-12957	
WNW0408	dntrcr46	05/09/94	ND<25.00	25.00	µg/L	94-04138	UJ
WNW0408	flranthn	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	flranthn	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	fluorene	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	fluorene	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	hexclbnz	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	hexclbnz	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	hexclbut	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	hexclbut	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	hexcleth	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	hexcleth	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	hexclpen	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	hexclpen	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	indnpyre	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	indnpyre	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	isophron	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	isophron	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	m_dclbnz	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	m_dclbnz	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	m_ntranl	12/06/93	ND<25.00	25.00	µg/L	93-12957	
WNW0408	m_ntranl	05/09/94	ND<25.00	25.00	µg/L	94-04138	
WNW0408	mthynph2	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	mthynph2	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	naphthal	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	naphthal	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	nntrphny	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	nntrphny	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	nntrprpy	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	nntrprpy	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	ntrobenz	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	ntrobenz	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	o_cresol	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	o_cresol	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	o_dclbnz	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	o_dclbnz	05/09/94	ND<9.90	9.90	µg/L	94-04138	

LWTS Groundwater Semivolatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0408	o_ntranl	12/06/93	ND<25.00	25.00	µg/L	93-12957	
WNW0408	o_ntranl	05/09/94	ND<25.00	25.00	µg/L	94-04138	
WNW0408	o_ntrphn	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	o_ntrphn	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	p_cresol	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	p_cresol	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	p_dclbnz	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	p_dclbnz	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	p_ntranl	12/06/93	ND<25.00	25.00	µg/L	93-12957	
WNW0408	p_ntranl	05/09/94	ND<25.00	25.00	µg/L	94-04138	
WNW0408	p_ntrphn	12/06/93	ND<25.00	25.00	µg/L	93-12957	
WNW0408	p_ntrphn	05/09/94	ND<25.00	25.00	µg/L	94-04138	UJ
WNW0408	pclranil	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	pclranil	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	pclrmcrs	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	pclrmcrs	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	phenol	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	phenol	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	phnanthr	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	phnanthr	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	pntclphn	12/06/93	ND<25.00	25.00	µg/L	93-12957	
WNW0408	pntclphn	05/09/94	ND<25.00	25.00	µg/L	94-04138	
WNW0408	pyrene	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	pyrene	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	tclph245	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	tclph245	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW0408	tclph246	12/06/93	ND<10.00	10.00	µg/L	93-12957	
WNW0408	tclph246	05/09/94	ND<9.90	9.90	µg/L	94-04138	
WNW8609	aadimthp	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	aadimthp	05/19/94	ND<10.00	10.00	µg/L	94-03106	UJ
WNW8609	aadimthp	05/19/94	ND<10.00	10.00	µg/L	94-03774	UJ
WNW8609	aceanfl2	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	aceanfl2	05/19/94	ND<10.00	10.00	µg/L	94-03106	
WNW8609	aceanfl2	05/19/94	ND<10.00	10.00	µg/L	94-03774	
WNW8609	acetophn	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	acetophn	05/19/94	ND<10.00	10.00	µg/L	94-03106	
WNW8609	acetophn	05/19/94	ND<10.00	10.00	µg/L	94-03774	
WNW8609	acnphthe	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	acnphthe	05/19/94	ND<10.00	10.00	µg/L	94-03774	
WNW8609	acnphthe	05/19/94	ND<10.00	10.00	µg/L	94-03106	
WNW8609	acnphthy	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	acnphthy	05/19/94	ND<10.00	10.00	µg/L	94-03774	
WNW8609	acnphthy	05/19/94	ND<10.00	10.00	µg/L	94-03106	
WNW8609	amnobph4	11/11/93	ND<10.00	10.00	µg/L	93-12015	

LWTS Groundwater Semivolatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	amnobph4	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	amnobph4	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	aniline	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	aniline	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	aniline	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	anthracn	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	anthracn	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	anthracn	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	aramite	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	aramite	05/19/94	ND < 10.00	10.00	µg/L	94-03106	UJ
WNW8609	aramite	05/19/94	ND < 10.00	10.00	µg/L	94-03774	UJ
WNW8609	benz_alc	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	benz_alc	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	benz_alc	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	bis2ceth	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	bis2ceth	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	bis2ceth	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	bis2cexy	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	bis2cexy	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	bis2cexy	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	bis2clis	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	bis2clis	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	bis2clis	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	bis2ehex	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	bis2ehex	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	bis2ehex	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	bnz_a_an	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	bnz_a_an	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	bnz_a_an	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	bnz_a_py	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	bnz_a_py	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	bnz_a_py	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	bnz_b_fl	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	bnz_b_fl	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	bnz_b_fl	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	bnz_k_fl	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	bnz_k_fl	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	bnz_k_fl	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	bnzghipr	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	bnzghipr	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	bnzghipr	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	brppeth4	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	brppeth4	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	brppeth4	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	butbnzph	11/11/93	ND < 10.00	10.00	µg/L	93-12015	

LWTS Groundwater Semivolatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	butbnzph	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	butbnzph	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	chppeth4	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	chppeth4	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	chppeth4	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	chrysene	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	chrysene	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	chrysene	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	clbnzilt	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	clnapht2	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	clnapht2	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	clnapht2	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	clphen_2	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	clphen_2	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	clphen_2	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	dbahanth	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	dbahanth	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	dbahanth	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	dcb_33	11/11/93	ND < 10.00	10.00	µg/L	93-12015	UJ
WNW8609	dcb_33	05/19/94	ND < 10.00	10.00	µg/L	94-03106	UJ
WNW8609	dcb_33	05/19/94	ND < 10.00	10.00	µg/L	94-03774	UJ
WNW8609	dethylpy	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	dethylpy	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	dethylpy	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	diallate	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	diallate	05/19/94	ND < 10.00	10.00	µg/L	94-03774	UJ
WNW8609	diallate	05/19/94	ND < 10.00	10.00	µg/L	94-03106	UJ
WNW8609	dibnzfur	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	dibnzfur	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	diclph24	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	diclph24	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	diclph24	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	diclph26	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	diclph26	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	diclph26	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	diclph26	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	diethyph	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	diethyph	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	diethyph	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	dimthoat	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	dimthoat	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	dimthoat	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	dimthp24	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	dimthp24	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	dimthp24	05/19/94	ND < 10.00	10.00	µg/L	94-03774	

LWTS Groundwater Semivolatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	dimthyph	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	dimthyph	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	dimthyph	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	dinbutph	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	dinbutph	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	dinbutph	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	dinoctph	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	dinoctph	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	dinoctph	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	dintrp24	11/11/93	ND < 50.00	50.00	µg/L	93-12015	
WNW8609	dintrp24	05/19/94	ND < 50.00	50.00	µg/L	94-03106	
WNW8609	dintrp24	05/19/94	ND < 50.00	50.00	µg/L	94-03774	
WNW8609	dintrt24	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	dintrt24	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	dintrt24	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	dintrt26	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	dintrt26	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	dintrt26	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	diphnyam	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	diphnyam	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	diphnyam	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	dmb_33	11/11/93	ND < 10.00	10.00	µg/L	93-12015	UJ
WNW8609	dmb_33	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	dmb_33	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	dmb_7_12	11/11/93	ND < 10.00	10.00	µg/L	93-12015	UJ
WNW8609	dmb_7_12	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	dmb_7_12	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	dntrcr46	11/11/93	ND < 50.00	50.00	µg/L	93-12015	
WNW8609	dntrcr46	05/19/94	ND < 50.00	50.00	µg/L	94-03774	
WNW8609	dntrcr46	05/19/94	ND < 50.00	50.00	µg/L	94-03106	
WNW8609	ethmthsl	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	ethmthsl	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	ethmthsl	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	famphur	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	famphur	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	famphur	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	flranthn	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	flranthn	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	flranthn	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	fluorene	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	fluorene	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	fluorene	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	hexclbnz	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	hexclbnz	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	hexclbnz	05/19/94	ND < 10.00	10.00	µg/L	94-03106	

LWTS Groundwater Semivolatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	hexclbut	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	hexclbut	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	hexclbut	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	hexcleth	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	hexcleth	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	hexcleth	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	hexclpen	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	hexclpen	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	hexclpen	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	hexclphn	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	hexclphn	05/19/94	ND < 10.00	10.00	µg/L	94-03774	UJ
WNW8609	hexclphn	05/19/94	ND < 10.00	10.00	µg/L	94-03106	UJ
WNW8609	hexclpro	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	hexclpro	05/19/94	ND < 10.00	10.00	µg/L	94-03774	R
WNW8609	hexclpro	05/19/94	ND < 10.00	10.00	µg/L	94-03106	R
WNW8609	indnpyre	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	indnpyre	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	indnpyre	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	isodrin	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	isodrin	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	isodrin	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	isophron	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	isophron	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	isophron	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	isosfrol	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	isosfrol	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	isosfrol	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	kepone	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	kepone	05/19/94	ND < 10.00	10.00	µg/L	94-03774	R
WNW8609	kepone	05/19/94	ND < 10.00	10.00	µg/L	94-03106	R
WNW8609	m_cresol	11/11/93	ND < 10.00	10.00	µg/L	93-12015	UJ
WNW8609	m_cresol	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	m_cresol	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	m_dclbnz	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	m_dclbnz	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	m_dclbnz	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	m_dntbnz	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	m_dntbnz	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	m_dntbnz	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	m_ntranl	11/11/93	ND < 50.00	50.00	µg/L	93-12015	
WNW8609	m_ntranl	05/19/94	ND < 50.00	50.00	µg/L	94-03106	
WNW8609	m_ntranl	05/19/94	ND < 50.00	50.00	µg/L	94-03774	
WNW8609	me_mnso4	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	me_mnso4	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	me_mnso4	05/19/94	ND < 10.00	10.00	µg/L	94-03774	

LWTS Groundwater Semivolatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	mthchla3	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	mthchla3	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	mthchla3	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	mthpriln	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	mthpriln	05/19/94	ND < 10.00	10.00	µg/L	94-03106	UJ
WNW8609	mthpriln	05/19/94	ND < 10.00	10.00	µg/L	94-03774	UJ
WNW8609	mthynph2	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	mthynph2	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	mthynph2	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	naphthal	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	naphthal	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	naphthal	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	naphthy2	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	naphthy2	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	naphthy2	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	nntrethy	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	nntrethy	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	nntrethy	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	nntrmeet	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	nntrmeet	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	nntrmeet	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	nntrmorp	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	nntrmorp	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	nntrmorp	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	nntrmthy	11/11/93	ND < 10.00	10.00	µg/L	93-12015	UJ
WNW8609	nntrmthy	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	nntrmthy	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	nntrnbut	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	nntrnbut	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	nntrnbut	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	nntrphny	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	nntrphny	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	nntrphny	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	nntrpipr	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	nntrpipr	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	nntrpipr	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	nntrprpy	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	nntrprpy	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	nntrprpy	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	nntrpyrr	11/11/93	ND < 10.00	10.00	µg/L	93-12015	UJ
WNW8609	nntrpyrr	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	nntrpyrr	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	nphthyl1	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	nphthyl1	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	nphthyl1	05/19/94	ND < 10.00	10.00	µg/L	94-03774	

LWTS Groundwater Semivolatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	npthqn14	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	npthqn14	05/19/94	ND<10.00	10.00	µg/L	94-03106	UJ
WNW8609	npthqn14	05/19/94	ND<10.00	10.00	µg/L	94-03774	UJ
WNW8609	ntr5_otl	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	ntr5_otl	05/19/94	ND<10.00	10.00	µg/L	94-03106	
WNW8609	ntr5_otl	05/19/94	ND<10.00	10.00	µg/L	94-03774	
WNW8609	ntrobenz	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	ntrobenz	05/19/94	ND<10.00	10.00	µg/L	94-03106	
WNW8609	ntrobenz	05/19/94	ND<10.00	10.00	µg/L	94-03774	
WNW8609	ntrq4_1o	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	ntrq4_1o	05/19/94	ND<10.00	10.00	µg/L	94-03106	
WNW8609	ntrq4_1o	05/19/94	ND<10.00	10.00	µg/L	94-03774	
WNW8609	o_cresol	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	o_cresol	05/19/94	ND<10.00	10.00	µg/L	94-03106	
WNW8609	o_cresol	05/19/94	ND<10.00	10.00	µg/L	94-03774	
WNW8609	o_dclbnz	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	o_dclbnz	05/19/94	ND<10.00	10.00	µg/L	94-03106	
WNW8609	o_dclbnz	05/19/94	ND<10.00	10.00	µg/L	94-03774	
WNW8609	o_ntranl	11/11/93	ND<50.00	50.00	µg/L	93-12015	
WNW8609	o_ntranl	05/19/94	ND<50.00	50.00	µg/L	94-03106	
WNW8609	o_ntranl	05/19/94	ND<50.00	50.00	µg/L	94-03774	
WNW8609	o_ntrphn	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	o_ntrphn	05/19/94	ND<10.00	10.00	µg/L	94-03106	
WNW8609	o_ntrphn	05/19/94	ND<10.0	10.00	µg/L	94-03774	
WNW8609	o_toludn	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	o_toludn	05/19/94	ND<10.00	10.00	µg/L	94-03106	
WNW8609	o_toludn	05/19/94	ND<10.00	10.00	µg/L	94-03774	
WNW8609	p_cresol	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	p_cresol	05/19/94	ND<10.00	10.00	µg/L	94-03106	
WNW8609	p_cresol	05/19/94	ND<10.00	10.00	µg/L	94-03774	
WNW8609	p_dclbnz	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	p_dclbnz	05/19/94	ND<10.00	10.00	µg/L	94-03774	
WNW8609	p_dclbnz	05/19/94	ND<10.00	10.00	µg/L	94-03106	
WNW8609	p_ntranl	11/11/93	ND<50.00	50.00	µg/L	93-12015	
WNW8609	p_ntranl	05/19/94	ND<50.00	50.00	µg/L	94-03774	
WNW8609	p_ntranl	05/19/94	ND<50.00	50.00	µg/L	94-03106	
WNW8609	p_ntrphn	11/11/93	ND<50.00	50.00	µg/L	93-12015	UJ
WNW8609	p_ntrphn	05/19/94	ND<50.00	50.00	µg/L	94-03106	
WNW8609	p_ntrphn	05/19/94	ND<50.00	50.00	µg/L	94-03774	
WNW8609	p_phndam	11/11/93	ND<10.00	10.00	µg/L	93-12015	UJ
WNW8609	p_phndam	05/19/94	ND<10.00	10.00	µg/L	94-03106	UJ
WNW8609	p_phndam	05/19/94	ND<10.00	10.00	µg/L	94-03774	UJ
WNW8609	parthion	11/11/93	ND<10.00	10.00	µg/L	93-12015	
WNW8609	parthion	05/19/94	ND<10.00	10.00	µg/L	94-03106	
WNW8609	parthion	05/19/94	ND<10.00	10.00	µg/L	94-03774	

LWTS Groundwater Semivolatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	pclranil	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	pclranil	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	pclranil	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	pclrmcrs	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	pclrmcrs	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	pclrmcrs	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	pdimthaz	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	pdimthaz	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	pdimthaz	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	phenol	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	phenol	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	phenol	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	phnacetn	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	phnacetn	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	phnacetn	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	phnanthr	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	phnanthr	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	phnanthr	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	pntclbnz	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	pntclbnz	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	pntclbnz	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	pntclnbn	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	pntclnbn	05/19/94	ND < 10.00	10.00	µg/L	94-03106	R
WNW8609	pntclnbn	05/19/94	ND < 10.00	10.00	µg/L	94-03774	R
WNW8609	pntclphn	11/11/93	ND < 50.00	50.00	µg/L	93-12015	
WNW8609	pntclphn	05/19/94	ND < 50.00	50.00	µg/L	94-03106	
WNW8609	pntclphn	05/19/94	ND < 50.00	50.00	µg/L	94-03774	
WNW8609	prnamide	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	prnamide	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	prnamide	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	pyrene	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	pyrene	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	pyrene	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	safrole	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	safrole	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	safrole	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	symtrbnz	11/11/93	ND < 10.00	10.00	µg/L	93-12015	UJ
WNW8609	symtrbnz	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	symtrbnz	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	tcb_1245	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	tcb_1245	05/19/94	ND < 10.00	10.00	µg/L	94-03106	
WNW8609	tcb_1245	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	tclph245	11/11/93	ND < 10.00	10.00	µg/L	93-12015	
WNW8609	tclph245	05/19/94	ND < 10.00	10.00	µg/L	94-03774	
WNW8609	tclph245	05/19/94	ND < 10.00	10.00	µg/L	94-03106	

LWTS Groundwater Semivolatiles Analyte Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	tclph246	11/11/93	ND < 10.00	10.00	μg/L	93-12015	
WNW8609	tclph246	05/19/94	ND < 10.00	10.00	μg/L	94-03106	
WNW8609	tclph246	05/19/94	ND < 10.00	10.00	μg/L	94-03774	
WNW8609	tcph2346	11/11/93	ND < 10.00	10.00	μg/L	93-12015	UJ
WNW8609	tcph2346	05/19/94	ND < 10.00	10.00	μg/L	94-03106	
WNW8609	tcph2346	05/19/94	ND < 10.00	10.00	μg/L	94-03774	
WNW8609	triethph	11/11/93	ND < 10.00	10.00	μg/L	93-12015	
WNW8609	triethph	05/19/94	ND < 10.00	10.00	μg/L	94-03106	
WNW8609	triethph	05/19/94	ND < 10.00	10.00	μg/L	94-03774	
WNW8609	ttraethd	11/11/93	ND < 10.00	10.00	μg/L	93-12015	
WNW8609	ttraethd	05/19/94	ND < 10.00	10.00	μg/L	94-03774	
WNW8609	ttraethd	05/19/94	ND < 10.00	10.00	μg/L	94-03106	

LWTS Expanded Groundwater Metals Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0305	Aluminum	10/29/93		359.00	µg/L	93-11121	
WNW0305	Aluminum	05/16/94		623.00	µg/L	94-03846	
WNW0305	Antimony	10/29/93	ND<5.00	5.00	µg/L	93-11121	
WNW0305	Antimony	05/16/94	ND<4.00	4.00	µg/L	94-03846	
WNW0305	Arsenic	10/29/93	ND<3.00	3.00	µg/L	93-11121	
WNW0305	Arsenic	05/16/94	ND<3.00	3.00	µg/L	94-03846	
WNW0305	Barium	10/29/93		121.00	µg/L	93-11121	
WNW0305	Barium	05/16/94		207.00	µg/L	94-03846	
WNW0305	Beryllium	10/29/93	ND<3.00	3.00	µg/L	93-11121	
WNW0305	Beryllium	05/16/94	ND<3.00	3.00	µg/L	94-03846	
WNW0305	Cadmium	10/29/93		0.30	µg/L	93-11121	
WNW0305	Cadmium	05/16/94		0.40	µg/L	94-03846	
WNW0305	Calcium	10/29/93		115000.00	µg/L	93-11121	
WNW0305	Calcium	05/16/94		183000.00	µg/L	94-03846	
WNW0305	Chromium	10/29/93	ND<10.00	10.00	µg/L	93-11121	
WNW0305	Chromium	05/16/94		24.80	µg/L	94-03846	
WNW0305	Cobalt	10/29/93	ND<20.00	20.00	µg/L	93-11121	
WNW0305	Cobalt	05/16/94	ND<10.00	10.00	µg/L	94-03846	
WNW0305	Copper	10/29/93		10.00	µg/L	93-11121	
WNW0305	Copper	05/16/94	ND<10.00	10.00	µg/L	94-03846	
WNW0305	Iron	10/29/93		616.00	µg/L	93-11121	
WNW0305	Iron	05/16/94		1130.00	µg/L	94-03846	
WNW0305	Lead	10/29/93	ND<2.00	2.00	µg/L	93-11121	
WNW0305	Lead	05/16/94		2.00	µg/L	94-03846	
WNW0305	Magnesium	10/29/93		12500.00	µg/L	93-11121	
WNW0305	Magnesium	05/16/94		20300.00	µg/L	94-03846	
WNW0305	Manganese	10/29/93		2360.00	µg/L	93-11121	
WNW0305	Manganese	05/16/94		2880.00	µg/L	94-03846	
WNW0305	Mercury	10/29/93	ND<0.20	0.20	µg/L	93-11121	
WNW0305	Mercury	05/16/94	ND<0.20	0.20	µg/L	94-03846	
WNW0305	Nickel	10/29/93	ND<30.00	30.00	µg/L	93-11121	
WNW0305	Nickel	05/16/94		44.00	µg/L	94-03846	
WNW0305	Potassium	10/29/93		3250.00	µg/L	93-11121	
WNW0305	Potassium	05/16/94		4250.00	µg/L	94-03846	
WNW0305	Selenium	10/29/93	ND<3.00	3.00	µg/L	93-11121	
WNW0305	Selenium	05/16/94	ND<3.00	3.00	µg/L	94-03846	
WNW0305	Silver	10/29/93	ND<0.20	0.20	µg/L	93-11121	
WNW0305	Silver	05/16/94	ND<0.40	0.40	µg/L	94-03846	
WNW0305	Sodium	10/29/93		111000.00	µg/L	93-11121	
WNW0305	Sodium	10/29/93		111000.00	µg/L	93-11121	
WNW0305	Sodium	05/16/94		188000.00	µg/L	94-03846	
WNW0305	Thallium	10/29/93	ND<3.00	3.00	µg/L	93-11121	
WNW0305	Thallium	05/16/94	ND<3.00	3.00	µg/L	94-03846	
WNW0305	Vanadium	10/29/93	ND<20.00	20.00	µg/L	93-11121	
WNW0305	Vanadium	05/16/94	ND<10.00	10.00	µg/L	94-03846	

LWTS Expanded Groundwater Metals Data
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Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0305	Zinc	10/29/93	ND<10.00	10.00	µg/L	93-11121	
WNW0305	Zinc	05/16/94	ND<10.00	10.00	µg/L	94-03846	
WNW0408	Aluminum	12/07/93		406.00	µg/L	93-12953	
WNW0408	Aluminum	05/09/94		397.00	µg/L	94-04139	
WNW0408	Antimony	12/07/93	ND<12.00	12.00	µg/L	93-12953	
WNW0408	Antimony	05/09/94	ND<20.00	20.00	µg/L	94-04139	
WNW0408	Arsenic	12/07/93	ND<1.00	1.00	µg/L	93-12953	
WNW0408	Arsenic	05/09/94	ND<1.00	1.00	µg/L	94-04139	
WNW0408	Barium	12/07/93		332.00	µg/L	93-12953	
WNW0408	Barium	05/09/94		291.00	µg/L	94-04139	
WNW0408	Beryllium	12/07/93	ND<1.00	1.00	µg/L	93-12953	
WNW0408	Beryllium	05/09/94	ND<1.00	1.00	µg/L	94-04139	
WNW0408	Cadmium	12/07/93	ND<2.00	2.00	µg/L	93-12953	
WNW0408	Cadmium	05/09/94		3.00	µg/L	94-04139	
WNW0408	Calcium	12/07/93		152000.00	µg/L	93-12953	
WNW0408	Calcium	05/09/94		146000.00	µg/L	94-04139	
WNW0408	Chromium	12/07/93		14.60	µg/L	93-12953	
WNW0408	Chromium	05/09/94		39.00	µg/L	94-04139	
WNW0408	Cobalt	12/07/93	ND<3.00	3.00	µg/L	93-12953	
WNW0408	Cobalt	05/09/94	ND<3.00	3.00	µg/L	94-04139	
WNW0408	Copper	12/07/93		4.70	µg/L	93-12953	
WNW0408	Copper	05/09/94		5.20	µg/L	94-04139	
WNW0408	Iron	12/07/93		616.00	µg/L	93-12953	J
WNW0408	Iron	05/09/94		1250.00	µg/L	94-04139	
WNW0408	Lead	12/07/93		1.10	µg/L	93-12953	
WNW0408	Lead	05/09/94		11.40	µg/L	94-04139	J
WNW0408	Magnesium	12/07/93		23600.00	µg/L	93-12953	
WNW0408	Magnesium	05/09/94		24200.00	µg/L	94-04139	
WNW0408	Manganese	12/07/93		199.00	µg/L	93-12953	
WNW0408	Manganese	05/09/94		76.00	µg/L	94-04139	
WNW0408	Mercury	12/07/93	ND<0.15	0.15	µg/L	93-12953	
WNW0408	Mercury	05/09/94		0.30	µg/L	94-04139	
WNW0408	Nickel	12/07/93		180.00	µg/L	93-12953	
WNW0408	Nickel	05/09/94		192.00	µg/L	94-04139	
WNW0408	Potassium	12/07/93		3310.00	µg/L	93-12953	
WNW0408	Potassium	05/09/94		3610.00	µg/L	94-04139	
WNW0408	Selenium	12/07/93	ND<1.00	1.00	µg/L	93-12953	
WNW0408	Selenium	05/09/94	ND<1.00	1.00	µg/L	94-04139	
WNW0408	Silver	12/07/93	ND<3.00	3.00	µg/L	93-12953	
WNW0408	Silver	05/09/94		8.80	µg/L	94-04139	
WNW0408	Sodium	12/07/93		87800.00	µg/L	93-12953	
WNW0408	Sodium	12/07/93		87800.00	µg/L	93-12953	
WNW0408	Sodium	05/09/94		91000.00	µg/L	94-04139	
WNW0408	Thallium	12/07/93	ND<1.00	1.00	µg/L	93-12953	J

LWTS Expanded Groundwater Metals Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0408	Thallium	05/09/94	ND<1.00	1.00	µg/L	94-04139	UJ
WNW0408	Vanadium	12/07/93	ND<3.00	3.00	µg/L	93-12953	
WNW0408	Vanadium	05/09/94		2.20	µg/L	94-04139	
WNW0408	Zinc	12/07/93		13.20	µg/L	93-12953	
WNW0408	Zinc	05/09/94		7.80	µg/L	94-04139	
WNW8609	Aluminum	11/11/93	ND<90.00	90.00	µg/L	93-12005	
WNW8609	Aluminum	05/19/94	ND<90.00	90.00	µg/L	94-03107	
WNW8609	Aluminum	05/19/94	ND<90.00	90.00	µg/L	94-03775	
WNW8609	Antimony	11/11/93	ND<3.00	3.00	µg/L	93-12005	
WNW8609	Antimony	05/19/94	ND<6.00	6.00	µg/L	94-03107	
WNW8609	Antimony	05/19/94	ND<6.00	6.00	µg/L	94-03775	
WNW8609	Arsenic	11/11/93	ND<3.00	3.00	µg/L	93-12005	
WNW8609	Arsenic	05/19/94	ND<3.00	3.00	µg/L	94-03775	
WNW8609	Arsenic	05/19/94	ND<3.00	3.00	µg/L	94-03107	
WNW8609	Barium	11/11/93		188.00	µg/L	93-12005	
WNW8609	Barium	05/19/94		190.00	µg/L	94-03775	
WNW8609	Barium	05/19/94		182.00	µg/L	94-03107	
WNW8609	Beryllium	11/11/93	ND<3.00	3.00	µg/L	93-12005	
WNW8609	Beryllium	05/19/94	ND<3.00	3.00	µg/L	94-03775	
WNW8609	Beryllium	05/19/94	ND<3.00	3.00	µg/L	94-03107	
WNW8609	Cadmium	11/11/93	ND<0.20	0.20	µg/L	93-12005	
WNW8609	Cadmium	05/19/94	ND<0.20	0.20	µg/L	94-03107	
WNW8609	Cadmium	05/19/94	ND<0.20	0.20	µg/L	94-03775	
WNW8609	Calcium	11/11/93		103000.00	µg/L	93-12005	
WNW8609	Calcium	05/19/94		115000.00	µg/L	94-03775	
WNW8609	Calcium	05/19/94		111000.00	µg/L	94-03107	
WNW8609	Chromium	11/11/93	ND<10.00	10.00	µg/L	93-12005	
WNW8609	Chromium	05/19/94	ND<10.00	10.00	µg/L	94-03107	
WNW8609	Chromium	05/19/94	ND<10.00	10.00	µg/L	94-03775	
WNW8609	Cobalt	11/11/93	ND<20.00	20.00	µg/L	93-12005	
WNW8609	Cobalt	05/19/94	ND<10.00	10.00	µg/L	94-03775	
WNW8609	Cobalt	05/19/94	ND<10.00	10.00	µg/L	94-03107	
WNW8609	Copper	11/11/93		10.20	µg/L	93-12005	
WNW8609	Copper	05/19/94	ND<10.00	10.00	µg/L	94-03107	
WNW8609	Copper	05/19/94	ND<10.00	10.00	µg/L	94-03775	
WNW8609	Iron	11/11/93		42.00	µg/L	93-12005	
WNW8609	Iron	05/19/94		44.00	µg/L	94-03775	
WNW8609	Iron	05/19/94		56.00	µg/L	94-03107	
WNW8609	Lead	11/11/93	ND<2.00	2.00	µg/L	93-12005	
WNW8609	Lead	05/19/94	ND<2.00	2.00	µg/L	94-03775	
WNW8609	Lead	05/19/94	ND<2.00	2.00	µg/L	94-03107	
WNW8609	Magnesium	11/11/93		14200.00	µg/L	93-12005	
WNW8609	Magnesium	05/19/94		14800.00	µg/L	94-03775	
WNW8609	Magnesium	05/19/94		14200.00	µg/L	94-03107	

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Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	Manganese	11/11/93		8.00	µg/L	93-12005	
WNW8609	Manganese	05/19/94		6.00	µg/L	94-03107	
WNW8609	Manganese	05/19/94		7.00	µg/L	94-03775	
WNW8609	Mercury	11/11/93	ND<0.20	0.20	µg/L	93-12005	
WNW8609	Mercury	05/19/94	ND<0.20	0.20	µg/L	94-03775	
WNW8609	Mercury	05/19/94	ND<0.20	0.20	µg/L	94-03107	
WNW8609	Nickel	11/11/93	ND<30.00	30.00	µg/L	93-12005	
WNW8609	Nickel	05/19/94	ND<20.00	20.00	µg/L	94-03107	
WNW8609	Nickel	05/19/94	ND<20.00	20.00	µg/L	94-03775	
WNW8609	Potassium	11/11/93		1440.00	µg/L	93-12005	
WNW8609	Potassium	05/19/94		1350.00	µg/L	94-03775	
WNW8609	Potassium	05/19/94		1300.00	µg/L	94-03107	
WNW8609	Selenium	11/11/93	ND<3.00	3.00	µg/L	93-12005	
WNW8609	Selenium	05/19/94	ND<3.00	3.00	µg/L	94-03775	
WNW8609	Selenium	05/19/94	ND<3.00	3.00	µg/L	94-03107	
WNW8609	Silver	11/11/93	ND<0.20	0.20	µg/L	93-12005	
WNW8609	Silver	05/19/94	ND<0.30	0.30	µg/L	94-03775	UJ
WNW8609	Silver	05/19/94	ND<0.30	0.30	µg/L	94-03107	UJ
WNW8609	Sodium	11/11/93		14700.00	µg/L	93-12005	
WNW8609	Sodium	05/19/94		16300.00	µg/L	94-03107	
WNW8609	Sodium	05/19/94		16900.00	µg/L	94-03775	
WNW8609	Thallium	11/11/93	ND<3.00	3.00	µg/L	93-12005	
WNW8609	Thallium	05/19/94	ND<5.00	5.00	µg/L	94-03775	
WNW8609	Thallium	05/19/94	ND<5.00	5.00	µg/L	94-03107	
WNW8609	Vanadium	11/11/93	ND<20.00	20.00	µg/L	93-12005	
WNW8609	Zinc	11/11/93		10.90	µg/L	93-12005	
WNW8609	Zinc	05/19/94		13.00	µg/L	94-03107	
WNW8609	Zinc	05/19/94	ND<10.00	10.00	µg/L	94-03775	
BACKGROUND							
WNW0301	Aluminum	10/29/93		9430.00	µg/L	93-11090	
WNW0301	Aluminum	05/16/94		3000.00	µg/L	94-03821	
WNW0301	Calcium	10/29/93		102000.00	µg/L	93-11090	
WNW0301	Calcium	05/16/94		132000.00	µg/L	94-03821	
WNW0301	Iron	10/29/93		16700.00	µg/L	93-11090	
WNW0301	Iron	05/16/94		14800.00	µg/L	94-03821	
WNW0301	Magnesium	10/29/93		11400.00	µg/L	93-11090	
WNW0301	Magnesium	05/16/94		12600.00	µg/L	94-03821	
WNW0301	Manganese	10/29/93		411.00	µg/L	93-11090	
WNW0301	Manganese	05/16/94		480.00	µg/L	94-03821	
WNW0301	Potassium	10/29/93		3760.00	µg/L	93-11090	
WNW0301	Potassium	05/16/94		2100.00	µg/L	94-03821	
WNW0301	Sodium	10/29/93		22900.00	µg/L	93-11090	

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Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0301	Sodium	10/29/93		22900.00	µg/L	93-11090	
WNW0301	Sodium	05/16/94		46200.00	µg/L	94-03821	
WNW0401	Aluminum	11/04/93		240.00	µg/L	93-11450	
WNW0401	Aluminum	05/04/94		830.00	µg/L	94-02994	
WNW0401	Calcium	11/04/93		175000.00	µg/L	93-11450	
WNW0401	Calcium	05/04/94		221000.00	µg/L	94-02994	
WNW0401	Iron	11/04/93		752.00	µg/L	93-11450	
WNW0401	Iron	05/04/94		3600.00	µg/L	94-02994	
WNW0401	Magnesium	11/04/93		19100.00	µg/L	93-11450	
WNW0401	Magnesium	05/04/94		21400.00	µg/L	94-02994	
WNW0401	Manganese	11/04/93		27.00	µg/L	93-11450	
WNW0401	Manganese	05/04/94		89.00	µg/L	94-02994	
WNW0401	Potassium	11/04/93		1870.00	µg/L	93-11450	
WNW0401	Potassium	05/04/94		2100.00	µg/L	94-02994	
WNW0401	Sodium	11/04/93		155000.00	µg/L	93-11450	
WNW0401	Sodium	11/04/93		155000.00	µg/L	93-11450	
WNW0401	Sodium	05/04/94		185000.00	µg/L	94-02994	
WNW0706	Aluminum	11/05/93		9600.00	µg/L	93-11603	
WNW0706	Aluminum	05/05/94		2700.00	µg/L	94-03479	
WNW0706	Calcium	11/05/93		69300.00	µg/L	93-11603	
WNW0706	Calcium	05/05/94		87300.00	µg/L	94-03479	
WNW0706	Iron	11/05/93		4280.00	µg/L	93-11603	
WNW0706	Iron	05/05/94		4300.00	µg/L	94-03479	
WNW0706	Magnesium	11/05/93		10700.00	µg/L	93-11603	
WNW0706	Magnesium	05/05/94		13400.00	µg/L	94-03479	
WNW0706	Manganese	11/05/93		230.00	µg/L	93-11603	
WNW0706	Manganese	05/05/94		150.00	µg/L	94-03479	
WNW0706	Potassium	11/05/93		1790.00	µg/L	93-11603	
WNW0706	Potassium	05/05/94		1500.00	µg/L	94-03479	
WNW0706	Sodium	11/05/93		3650.00	µg/L	93-11603	
WNW0706	Sodium	11/05/93		3650.00	µg/L	93-11603	
WNW0706	Sodium	05/05/94		4600.00	µg/L	94-03479	

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Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0305	cl	10/29/93		233.00	mg/L	93-11120	
WNW0305	cl	05/16/94		565.00	mg/L	94-03841	
WNW0305	co3	10/29/93	ND<1.00	1.00	mg/L	93-11120	
WNW0305	co3	05/16/94	ND<1.00	1.00	mg/L	94-03841	
WNW0305	hco3	10/29/93		207.00	mg/L	93-11120	
WNW0305	hco3	05/16/94		180.00	mg/L	94-03841	
WNW0305	hydroxyl	10/29/93	ND<1.00	1.00	mg/L	93-11120	
WNW0305	hydroxyl	05/16/94	ND<1.00	1.00	mg/L	94-03841	
WNW0305	nh3	10/29/93		0.32	mg/L	93-11117	
WNW0305	nh3	05/16/94		0.37	mg/L	94-03838	
WNW0305	no3no2	10/29/93		0.26	mg/L	93-11119	
WNW0305	no3no2	05/16/94		0.18	mg/L	94-03840	
WNW0305	po4_totl	10/29/93		0.02	mg/L	93-11119	
WNW0305	po4_totl	05/16/94	ND<0.02	0.02	mg/L	94-03840	
WNW0305	silica	10/29/93		8.30	mg/L	93-11120	
WNW0305	silica	05/16/94	ND<0.10	0.10	mg/L	94-03841	
WNW0305	so4	10/29/93		18.60	mg/L	93-11120	
WNW0305	so4	05/16/94		18.00	mg/L	94-03841	
WNW0305	sulfide	10/29/93		1.40	mg/L	93-11123	
WNW0305	sulfide	05/16/94	ND<1.00	1.00	mg/L	94-03843	
WNW0408	cl	12/07/93		282.00	mg/L	93-12952	
WNW0408	cl	05/09/94		317.00	mg/L	94-04134	
WNW0408	co3	12/07/93	ND<1.00	1.00	mg/L	93-12952	
WNW0408	co3	05/09/94		122.00	mg/L	94-04134	
WNW0408	hco3	12/07/93		338.00	mg/L	93-12952	
WNW0408	hco3	05/09/94	ND<1.00	1.00	mg/L	94-04134	
WNW0408	hydroxyl	12/07/93	ND<1.00	1.00	mg/L	93-12952	
WNW0408	hydroxyl	05/09/94	ND<1.00	1.00	mg/L	94-04134	
WNW0408	nh3	12/07/93		0.12	mg/L	93-12951	
WNW0408	nh3	05/09/94	ND<0.03	0.03	mg/L	94-04133	R
WNW0408	no3no2	12/07/93		1.41	mg/L	93-12951	
WNW0408	no3no2	05/09/94		1.46	mg/L	94-04133	
WNW0408	po4_totl	12/07/93	ND<0.05	0.05	mg/L	93-12951	
WNW0408	po4_totl	05/09/94	ND<0.05	0.05	mg/L	94-04133	R
WNW0408	silica	12/07/93		12.70	mg/L	93-12952	J
WNW0408	so4	12/07/93		34.80	mg/L	93-12952	
WNW0408	so4	05/09/94		31.80	mg/L	94-04134	
WNW0408	sulfide	12/07/93	ND<1.00	1.00	mg/L	93-12955	
WNW0408	sulfide	05/09/94	ND<1.00	1.00	mg/L	94-04136	
WNW8609	cl	11/11/93		45.60	mg/L	93-12002	
WNW8609	cl	05/19/94		54.90	mg/L	94-03102	
WNW8609	cl	05/19/94		53.80	mg/L	94-03770	
WNW8609	co3	11/11/93	ND<1.00	1.00	mg/L	93-12002	
WNW8609	co3	05/19/94	ND<1.00	1.00	mg/L	94-03770	

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Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW8609	co3	05/19/94	ND<1.00	1.00	mg/L	94-03102	
WNW8609	hco3	11/11/93		250.00	mg/L	93-12002	
WNW8609	hco3	05/19/94		225.00	mg/L	94-03770	
WNW8609	hco3	05/19/94		226.00	mg/L	94-03102	
WNW8609	hydroxyl	11/11/93	ND<1.00	1.00	mg/L	93-12002	
WNW8609	hydroxyl	05/19/94	ND<1.00	1.00	mg/L	94-03102	
WNW8609	hydroxyl	05/19/94	ND<1.00	1.00	mg/L	94-03770	
WNW8609	nh3	11/11/93	ND<0.05	0.05	mg/L	93-12009	
WNW8609	nh3	05/19/94	ND<0.05	0.05	mg/L	94-03767	
WNW8609	nh3	05/19/94	ND<0.05	0.05	mg/L	94-03099	
WNW8609	no3no2	11/11/93		3.60	mg/L	93-12003	
WNW8609	no3no2	05/19/94		5.40	mg/L	94-03101	
WNW8609	no3no2	05/19/94		5.40	mg/L	94-03769	
WNW8609	po4_totl	11/11/93	ND<0.05	0.05	mg/L	93-12003	
WNW8609	po4_totl	05/19/94		0.04	mg/L	94-03101	
WNW8609	po4_totl	05/19/94		0.03	mg/L	94-03769	
WNW8609	silica	11/11/93		11.60	mg/L	93-12002	
WNW8609	silica	05/19/94		11.20	mg/L	94-03102	
WNW8609	silica	05/19/94		11.10	mg/L	94-03770	
WNW8609	so4	11/11/93		32.90	mg/L	93-12002	
WNW8609	so4	05/19/94		30.70	mg/L	94-03102	
WNW8609	so4	05/19/94		32.30	mg/L	94-03770	
WNW8609	sulfide	11/11/93	ND<1.00	1.00	mg/L	93-12007	
WNW8609	sulfide	05/19/94	ND<1.00	1.00	mg/L	94-03104	
WNW8609	sulfide	05/19/94	ND<1.00	1.00	mg/L	94-03772	
Background							
WNW0301	cl	10/29/93		81.00	mg/L	93-11089	R
WNW0301	cl	05/16/94		200.00	mg/L	94-03819	
WNW0301	co3	10/29/93	ND<1.00	1.00	mg/L	93-11089	
WNW0301	co3	05/16/94	ND<1.00	1.00	mg/L	94-03819	
WNW0301	hco3	10/29/93		226.00	mg/L	93-11089	
WNW0301	hco3	05/16/94		181.00	mg/L	94-03819	
WNW0301	hydroxyl	10/29/93	ND<1.00	1.00	mg/L	93-11089	
WNW0301	hydroxyl	05/16/94	ND<1.00	1.00	mg/L	94-03819	
WNW0301	nh3	10/29/93	ND<0.05	0.05	mg/L	93-11086	
WNW0301	nh3	05/16/94	ND<0.05	0.05	mg/L	94-03813	
WNW0301	no3no2	10/29/93		2.70	mg/L	93-11088	
WNW0301	no3no2	05/16/94		2.70	mg/L	94-03817	
WNW0301	po4_totl	10/29/93		0.23	mg/L	93-11088	
WNW0301	po4_totl	05/16/94		0.14	mg/L	94-03817	
WNW0301	silica	10/29/93		9.40	mg/L	93-11089	
WNW0301	silica	05/16/94		7.50	mg/L	94-03819	
WNW0301	so4	05/16/94		16.70	mg/L	94-03819	
WNW0301	sulfide	10/29/93	ND<1.00	1.00	mg/L	93-11092	R

LWTS Expanded Groundwater Quality Parameter Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	Flags
WNW0301	sulfide	05/16/94	ND<1.00	1.00	mg/L	94-03824	
WNW0401	cl	11/04/93		451.00	mg/L	93-11449	
WNW0401	cl	05/04/94		586.00	mg/L	94-02993	
WNW0401	co3	11/04/93	ND<1.00	1.00	mg/L	93-11449	
WNW0401	co3	05/04/94	ND<1.00	1.00	mg/L	94-02993	
WNW0401	hco3	11/04/93		139.00	mg/L	93-11449	
WNW0401	hco3	05/04/94		139.00	mg/L	94-02993	
WNW0401	hydroxyl	11/04/93	ND<1.00	1.00	mg/L	93-11449	
WNW0401	hydroxyl	05/04/94	ND<1.00	1.00	mg/L	94-02993	
WNW0401	nh3	11/04/93	ND<0.05	0.05	mg/L	93-11502	
WNW0401	nh3	05/04/94	ND<0.05	0.05	mg/L	94-02990	
WNW0401	no3no2	11/04/93		7.60	mg/L	93-11504	
WNW0401	no3no2	05/04/94		8.20	mg/L	94-02992	
WNW0401	po4_totl	11/04/93		0.14	mg/L	93-11504	
WNW0401	po4_totl	05/04/94	ND<0.02	0.02	mg/L	94-02992	
WNW0401	silica	11/04/93		6.60	mg/L	93-11449	
WNW0401	silica	05/04/94		6.50	mg/L	94-02993	
WNW0401	so4	11/04/93		21.70	mg/L	93-11449	
WNW0401	so4	05/04/94		22.40	mg/L	94-02993	
WNW0401	sulfide	11/04/93	ND<1.00	1.00	mg/L	93-11452	
WNW0401	sulfide	05/04/94	ND<1.00	1.00	mg/L	94-02996	
WNW0706	cl	11/05/93		1.20	mg/L	93-11602	
WNW0706	cl	05/05/94		17.60	mg/L	94-03478	
WNW0706	co3	11/05/93	ND<1.00	1.00	mg/L	93-11602	
WNW0706	co3	05/05/94	ND<1.00	1.00	mg/L	94-03478	
WNW0706	hco3	11/05/93		133.00	mg/L	93-11602	
WNW0706	hco3	05/05/94		163.00	mg/L	94-03478	
WNW0706	hydroxyl	11/05/93	ND<1.00	1.00	mg/L	93-11602	
WNW0706	hydroxyl	11/05/93		0.20	mg/L	93-11601	
WNW0706	hydroxyl	05/05/94	ND<1.00	1.00	mg/L	94-03478	
WNW0706	nh3	11/05/93	ND<0.05	0.05	mg/L	93-11599	
WNW0706	nh3	05/05/94	ND<0.05	0.05	mg/L	94-03475	
WNW0706	no3no2	11/05/93		0.65	mg/L	93-11601	
WNW0706	no3no2	05/05/94		0.63	mg/L	94-03477	
WNW0706	p04_totl	11/05/93		0.25	mg/L	93-11601	
WNW0706	po4_totl	11/05/93		0.25	mg/L	93-11601	
WNW0706	po4_totl	05/05/94		0.12	mg/L	94-03477	
WNW0706	silica	11/05/93		3.30	mg/L	93-11602	
WNW0706	silica	05/05/94		3.30	mg/L	94-03478	
WNW0706	so4	11/05/93		81.90	mg/L	93-11602	
WNW0706	so4	05/05/94		87.00	mg/L	94-03478	
WNW0706	sulfide	11/05/93	ND<1.00	1.00	mg/L	93-11605	
WNW0706	sulfide	05/05/94	ND<1.00	1.00	mg/L	94-03481	

LWTS Groundwater Quality Parameter Data

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	QA_Flags
WNW0204	al_t	11/09/93		210.000	µg/L	93-11780	
WNW0204	al_t	05/12/94	ND<90.000	90.000	µg/L	94-03544	
WNW0204	ca_t	02/24/93		78300.000	µg/L	93-01994	
WNW0204	ca_t	11/09/93		82900.000	µg/L	93-11780	
WNW0204	ca_t	05/12/94		79900.000	µg/L	94-03544	
WNW0204	cl	11/09/93		91.600	mg/L	93-11779	
WNW0204	cl	05/12/94		89.900	mg/L	94-03542	
WNW0204	co3	11/09/93	ND<1.000	1.000	mg/L	93-11779	
WNW0204	co3	05/12/94	ND<1.000	1.000	mg/L	94-03542	
WNW0204	fe_t	11/09/93		463.000	µg/L	93-11780	
WNW0204	fe_t	05/12/94		230.000	µg/L	94-03544	
WNW0204	hco3	11/09/93		138.000	mg/L	93-11779	
WNW0204	hco3	05/12/94		129.000	mg/L	94-03542	
WNW0204	hydroxyl	11/09/93	ND<1.000	1.000	mg/L	93-11779	
WNW0204	hydroxyl	05/12/94	ND<1.000	1.000	mg/L	94-03542	
WNW0204	k_t	11/09/93		1910.000	µg/L	93-11780	
WNW0204	k_t	05/12/94		1700.000	µg/L	94-03544	
WNW0204	mg_t	11/09/93		17500.000	µg/L	93-11780	
WNW0204	mg_t	05/12/94		16200.000	µg/L	94-03544	
WNW0204	mn_t	11/09/93		95.000	µg/L	93-11780	
WNW0204	mn_t	05/12/94		100.000	µg/L	94-03544	
WNW0204	na_t	11/09/93		13600.000	µg/L	93-11780	
WNW0204	na_t	11/09/93		600.000	µg/L	93-11780	
WNW0204	na_t	05/12/94		13000.000	µg/L	94-03544	
WNW0204	nh3	11/09/93		0.140	mg/L	93-11776	
WNW0204	nh3	05/12/94		0.170	mg/L	94-03543	
WNW0204	nh3	05/12/94		0.170	mg/L	94-03543	
WNW0204	no3no2	11/09/93	ND<0.050	0.050	mg/L	93-11778	
WNW0204	no3no2	05/12/94		0.038	mg/L	94-03540	
WNW0302	al_t	10/29/93		127.000	µg/L	93-11100	
WNW0302	al_t	05/16/94	ND<90.000	90.000	µg/L	94-03822	
WNW0302	ca_t	10/29/93		202000.000	µg/L	93-11100	
WNW0302	ca_t	05/16/94		242000.000	µg/L	94-03822	
WNW0302	cl	10/29/93		417.000	mg/L	93-11099	R
WNW0302	cl	05/16/94		528.000	mg/L	94-03820	
WNW0302	co3	10/29/93	ND<1.000	1.000	mg/L	93-11099	
WNW0302	co3	05/16/94	ND<1.000	1.000	mg/L	94-03820	
WNW0302	fe_t	10/29/93		253.000	µg/L	93-11100	
WNW0302	fe_t	05/16/94		120.000	µg/L	94-03822	
WNW0302	hco3	10/29/93		245.000	mg/L	93-11099	
WNW0302	hco3	05/16/94		233.000	mg/L	94-03820	
WNW0302	hydroxyl	10/29/93	ND<1.000	1.000	mg/L	93-11099	
WNW0302	hydroxyl	05/16/94	ND<1.000	1.000	mg/L	94-03820	
WNW0302	k_t	10/29/93		1960.000	µg/L	93-11100	

Till-sand Locations - Wells WNW0204 and WNW0302.

LWTS Groundwater Quality Parameter Data

Well_ID	Parameter	Samp_Date	Chr_Data	Real_Data	Units	Sample_ID	QA_Flags
WNW0302	k_t	05/16/94		2200.000	μg/L	94-03822	
WNW0302	mg_t	10/29/93		25200.000	μg/L	93-11100	
WNW0302	mg_t	05/16/94		29200.000	μg/L	94-03822	
WNW0302	mn_t	10/29/93		34.000	μg/L	93-11100	
WNW0302	mn_t	05/16/94		30.000	μg/L	94-03822	
WNW0302	na_t	10/29/93		121000.000	μg/L	93-11100	
WNW0302	na_t	10/29/93		121000.000	μg/L	93-11100	
WNW0302	na_t	05/16/94		139000.000	μg/L	94-03822	
WNW0302	nh3	10/29/93	ND<0.050	0.050	mg/L	93-11096	
WNW0302	nh3	05/16/94	ND<0.050	0.050	mg/L	94-03814	
WNW0302	no3no2	10/29/93		1.000	mg/L	93-11098	
WNW0302	no3no2	05/16/94		0.990	mg/L	94-03818	
WNW0302	po4_totl	10/29/93	ND<0.010	0.010	mg/L	93-11098	
WNW0302	po4_totl	05/16/94	ND<0.020	0.020	mg/L	94-03818	
WNW0302	silica	10/29/93		12.700	mg/L	93-11099	
WNW0302	silica	05/16/94		11.300	mg/L	94-03820	
WNW0302	so4	05/16/94		26.200	mg/L	94-03820	
WNW0302	sulfide	10/29/93	ND<1.000	1.000	mg/L	93-11102	
WNW0302	sulfide	05/16/94		1.400	mg/L	94-03826	

LWTS Expanded Groundwater Radiological Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well ID	Samp Date	Sample ID	Parameter	Result	Units	Rep #	QA Flags
WNW0204	11/09/93	93-11777	co60___r	0.000 +/- 24	pCi/L	1	
WNW0204	05/12/94	94-03545	co60___r	0.000 +/- 23	pCi/L	1	
WNW0204	11/09/93	93-11777	cs137__r	0.000 +/- 19	pCi/L	1	
WNW0204	05/12/94	94-03545	cs137__r	0.000 +/- 24	pCi/L	1	
WNW0204	11/09/93	93-11777	k40____r	275 +/- 287	pCi/L	1	
WNW0204	05/12/94	94-03545	k40____r	0.000 +/- 269	pCi/L	1	
WNW0301	10/29/93	93-11087	co60___r	4.40 +/- 24	pCi/L	1	
WNW0301	05/16/94	94-03815	co60___r	4.12 +/- 28	pCi/L	1	
WNW0301	10/29/93	93-11087	cs137__r	0.000 +/- 19	pCi/L	1	
WNW0301	05/16/94	94-03815	cs137__r	0.000 +/- 22	pCi/L	1	
WNW0301	10/29/93	93-11087	k40____r	148 +/- 287	pCi/L	1	
WNW0301	05/16/94	94-03815	k40____r	91.0 +/- 220	pCi/L	1	
WNW0302	10/29/93	93-11097	co60___r	0.000 +/- 24	pCi/L	1	
WNW0302	05/16/94	94-03816	co60___r	0.000 +/- 48	pCi/L	1	
WNW0302	10/29/93	93-11097	cs137__r	0.000 +/- 19	pCi/L	1	
WNW0302	05/16/94	94-03816	cs137__r	0.000 +/- 38	pCi/L	1	
WNW0302	10/29/93	93-11097	k40____r	10.6 +/- 287	pCi/L	1	
WNW0302	05/16/94	94-03816	k40____r	0.000 +/- 363	pCi/L	1	
WNW0305	10/29/93	93-11129	c14____r	-4.500 +/- 10	pCi/L	1	
WNW0305	05/16/94	94-03849	c14____r	1.50 +/- 10	pCi/L	1	
WNW0305	10/29/93	93-11118	co60___r	0.000 +/- 24	pCi/L	1	
WNW0305	05/16/94	94-03839	co60___r	7.00 +/- 28	pCi/L	1	
WNW0305	10/29/93	93-11118	cs137__r	0.000 +/- 19	pCi/L	1	
WNW0305	05/16/94	94-03839	cs137__r	0.000 +/- 22	pCi/L	1	
WNW0305	10/29/93	93-11130	i129___r	0.390 +/- 0.49	pCi/L	1	
WNW0305	05/16/94	94-03850	i129___r	0.740 +/- 0.46	pCi/L	1	
WNW0305	10/29/93	93-11118	k40____r	285 +/- 287	pCi/L	1	
WNW0305	05/16/94	94-03839	k40____r	243 +/- 133	pCi/L	1	
WNW0305	10/29/93	93-11131	sr90___r	2.00 +/- 0.50	pCi/L	1	
WNW0305	05/16/94	94-03851	sr90___r	3.50 +/- 1.3	pCi/L	1	
WNW0305	10/29/93	93-11131	tc99___r	0.500 +/- 1.3	pCi/L	1	
WNW0305	05/16/94	94-03851	tc99___r	0.780 +/- 2.2	pCi/L	1	
WNW0307	10/29/93	93-11107	co60___r	0.000 +/- 24	pCi/L	1	
WNW0307	05/16/94	94-03830	co60___r	0.000 +/- 25	pCi/L	1	
WNW0307	10/29/93	93-11107	cs137__r	0.000 +/- 19	pCi/L	1	
WNW0307	05/16/94	94-03830	cs137__r	0.000 +/- 24	pCi/L	1	
WNW0307	10/29/93	93-11107	k40____r	261 +/- 287	pCi/L	1	
WNW0307	05/16/94	94-03830	k40____r	0.000 +/- 265	pCi/L	1	
WNW0401	11/04/93	93-11503	co60___r	0.000 +/- 24	pCi/L	1	
WNW0401	05/04/94	94-02991	co60___r	0.000 +/- 25	pCi/L	1	
WNW0401	11/04/93	93-11503	cs137__r	3.19 +/- 19	pCi/L	1	
WNW0401	05/04/94	94-02991	cs137__r	0.000 +/- 20	pCi/L	1	
WNW0401	11/04/93	93-11503	k40____r	232 +/- 287	pCi/L	1	

Till-sand Locations - Wells WNW0204 and WNW0302.

RFI:0003016.RM

LWTS Expanded Groundwater Radiological Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well ID	Samp Date	Sample ID	Parameter	Result	Units	Rep #	QA Flags
WNW0401	05/04/94	94-02991	k40___r	0.000 +/- 237	pCi/L	1	
WNW0408	12/07/93	93-12962	am241__r	0.013 +/- 0.03	pCi/L	1	
WNW0408	05/09/94	94-04144	am241__r	0.059 +/- 0.06	pCi/L	1	
WNW0408	12/07/93	93-12960	c14___r	830 +/- 20	pCi/L	1	
WNW0408	05/09/94	94-04142	c14___r	440 +/- 10	pCi/L	1	
WNW0408	12/07/93	93-12950	co60___r	0.000 +/- 19	pCi/L	1	
WNW0408	05/09/94	94-04132	co60___r	0.000 +/- 28	pCi/L	1	
WNW0408	12/07/93	93-12950	cs137__r	0.000 +/- 18	pCi/L	1	
WNW0408	05/09/94	94-04132	cs137__r	0.000 +/- 22	pCi/L	1	
WNW0408	12/07/93	93-12961	i129___r	0.460 +/- 0.54	pCi/L	1	
WNW0408	05/09/94	94-04143	i129___r	-0.046 +/- 0.47	pCi/L	1	
WNW0408	12/07/93	93-12950	k40___r	306 +/- 103	pCi/L	1	
WNW0408	05/09/94	94-04132	k40___r	216 +/- 220	pCi/L	1	
WNW0408	12/07/93	93-12962	pu238__r	0.038 +/- 0.10	pCi/L	1	
WNW0408	05/09/94	94-04144	pu238__r	0.004 +/- 0.04	pCi/L	1	
WNW0408	12/07/93	93-12962	pu239__r	0.008 +/- 0.08	pCi/L	1	
WNW0408	05/09/94	94-04144	pu239__r	0.008 +/- 0.05	pCi/L	1	
WNW0408	12/07/93	93-12962	ra226__r	0.480 +/- 0.15	pCi/L	1	
WNW0408	05/09/94	94-04144	ra226__r	0.640 +/- 0.14	pCi/L	1	
WNW0408	12/07/93	93-12962	ra228__r	-6.400 +/- 17	pCi/L	1	F
WNW0408	05/09/94	94-04144	ra228__r	0.000 +/- 0.00	pCi/L	1	R
WNW0408	12/07/93	93-12962	sr90___r	160000 +/- 1000	pCi/L	1	
WNW0408	05/09/94	94-04144	sr90___r	160000 +/- 10000	pCi/L	1	
WNW0408	12/07/93	93-12962	tc99___r	32.0 +/- 5.0	pCi/L	1	
WNW0408	05/09/94	94-04144	tc99___r	31.0 +/- 5.0	pCi/L	1	
WNW0408	12/07/93	93-12962	u232___r	0.032 +/- 0.06	pCi/L	1	
WNW0408	05/09/94	94-04144	u232___r	0.031 +/- 0.01	pCi/L	1	
WNW0408	12/07/93	93-12962	u233_34r	0.690 +/- 0.24	pCi/L	1	
WNW0408	05/09/94	94-04144	u233_34r	0.410 +/- 0.15	pCi/L	1	
WNW0408	12/07/93	93-12962	u235___r	0.043 +/- 0.07	pCi/L	1	
WNW0408	05/09/94	94-04144	u235___r	0.016 +/- 0.04	pCi/L	1	
WNW0408	12/07/93	93-12962	u236___r	0.005 +/- 0.05	pCi/L	1	
WNW0408	05/09/94	94-04144	u236___r	0.003 +/- 0.03	pCi/L	1	
WNW0408	12/07/93	93-12962	u238___r	0.590 +/- 0.22	pCi/L	1	
WNW0408	05/09/94	94-04144	u238___r	0.310 +/- 0.13	pCi/L	1	
WNW0408	12/07/93	93-12962	u_t___r	1500000 +/- 200000	pCi/L	1	
WNW0408	05/09/94	94-04144	u_t___r	880000 +/- 130000	pgm/L	1	
WNW0706	11/05/93	93-11600	co60___r	0.000 +/- 19	pCi/L	1	
WNW0706	05/05/94	94-03476	co60___r	0.000 +/- 28	pCi/L	1	
WNW0706	11/05/93	93-11600	cs137__r	1.28 +/- 18	pCi/L	1	
WNW0706	05/05/94	94-03476	cs137__r	0.000 +/- 22	pCi/L	1	
WNW0706	11/05/93	93-11600	k40___r	0.000 +/- 299	pCi/L	1	
WNW0706	05/05/94	94-03476	k40___r	216 +/- 220	pCi/L	1	

Till-sand Locations - Wells WNW0204 and WNW0302.

LWTS Expanded Groundwater Radiological Data
for 4th Rd. 1993 and 2nd Rd. 1994

Well ID	Samp Date	Sample ID	Parameter	Result	Units	Rep #	QA Flags
WNW8609	11/11/93	93-12010	c14____r	-4.700 +/- 12	pCi/L	1	
WNW8609	05/19/94	94-03110	c14____r	-5.900 +/- 10	pCi/L	1	
WNW8609	05/19/94	94-03778	c14____r	-3.800 +/- 10	pCi/L	1	
WNW8609	11/11/93	93-12000	co60___r	0.000 +/- 24	pCi/L	1	
WNW8609	05/19/94	94-03100	co60___r	0.000 +/- 20	pCi/L	1	
WNW8609	05/19/94	94-03768	co60___r	0.000 +/- 27	pCi/L	1	
WNW8609	11/11/93	93-12000	cs137__r	1.91 +/- 19	pCi/L	1	
WNW8609	05/19/94	94-03100	cs137__r	0.000 +/- 23	pCi/L	1	
WNW8609	05/19/94	94-03768	cs137__r	0.000 +/- 15	pCi/L	1	
WNW8609	11/11/93	93-12013	i129___r	2.40 +/- 0.60	pCi/L	1	
WNW8609	05/19/94	94-03111	i129___r	2.10 +/- 0.60	pCi/L	1	
WNW8609	05/19/94	94-03779	i129___r	2.20 +/- 0.80	pCi/L	1	
WNW8609	11/11/93	93-12000	k40____r	380 +/- 105	pCi/L	1	
WNW8609	05/19/94	94-03100	k40____r	0.000 +/- 306	pCi/L	1	
WNW8609	05/19/94	94-03768	k40____r	0.000 +/- 316	pCi/L	1	
WNW8609	11/11/93	93-12012	sr90___r	130 +/- 10	pCi/L	1	
WNW8609	05/19/94	94-03112	sr90___r	140 +/- 10	pCi/L	1	
WNW8609	05/19/94	94-03780	sr90___r	130 +/- 10	pCi/L	1	
WNW8609	11/11/93	93-12012	tc99___r	-0.580 +/- 1.6	pCi/L	1	
WNW8609	05/19/94	94-03112	tc99___r	1.30 +/- 3.8	pCi/L	1	
WNW8609	05/19/94	94-03780	tc99___r	0.840 +/- 3.9	pCi/L	1	

Till-sand Locations - Wells WNW0204 and WNW0302.