

TA-00



Memorandum

Risk Reduction & Environmental Stewardship (RRES)
Remediation (R) Project, MS M992

To/MS: Neelam Dhawan, NMED-HWB
Thru/MS: David McInroy, RRES-R, M992
From/MS: Terry Rust, RRES-R, M992
Phone/FAX: 7-5801/ 5-8843
Symbol: ER2003-0294

DM

4/14/03

SUBJECT: SUBMITTAL OF SUPPLEMENTAL MAPS FOR POTENTIAL RELEASE SITE (PRS) 00-030(G)

Enclosed are the supplemental 0-030 (g) maps you requested. Please find one map each for inorganic, organic and radionuclide detections greater than background (or fallout in the case of radionuclides) values. The location illustrate sampling not only in the 0-030(g) drainage but also those relevant locations in Acid Canyon sampled by the 0-030(g) and Canyons teams that were discussed in the most recent Resource Conservation Recovery Act (RCRA) Facility Investigation Report (RFI) for PRS 0-030(g).

Please contact Terry Rust with any additional questions or information at (505) 665-8843.

DM/TR/am

Cy (w/enc.):
N. Quintana, RRES-R, MS M992
N. Riebe, RRES-R, MS M992
T. Rust, RRES-R, MS M992
RRES-R File, MS M992
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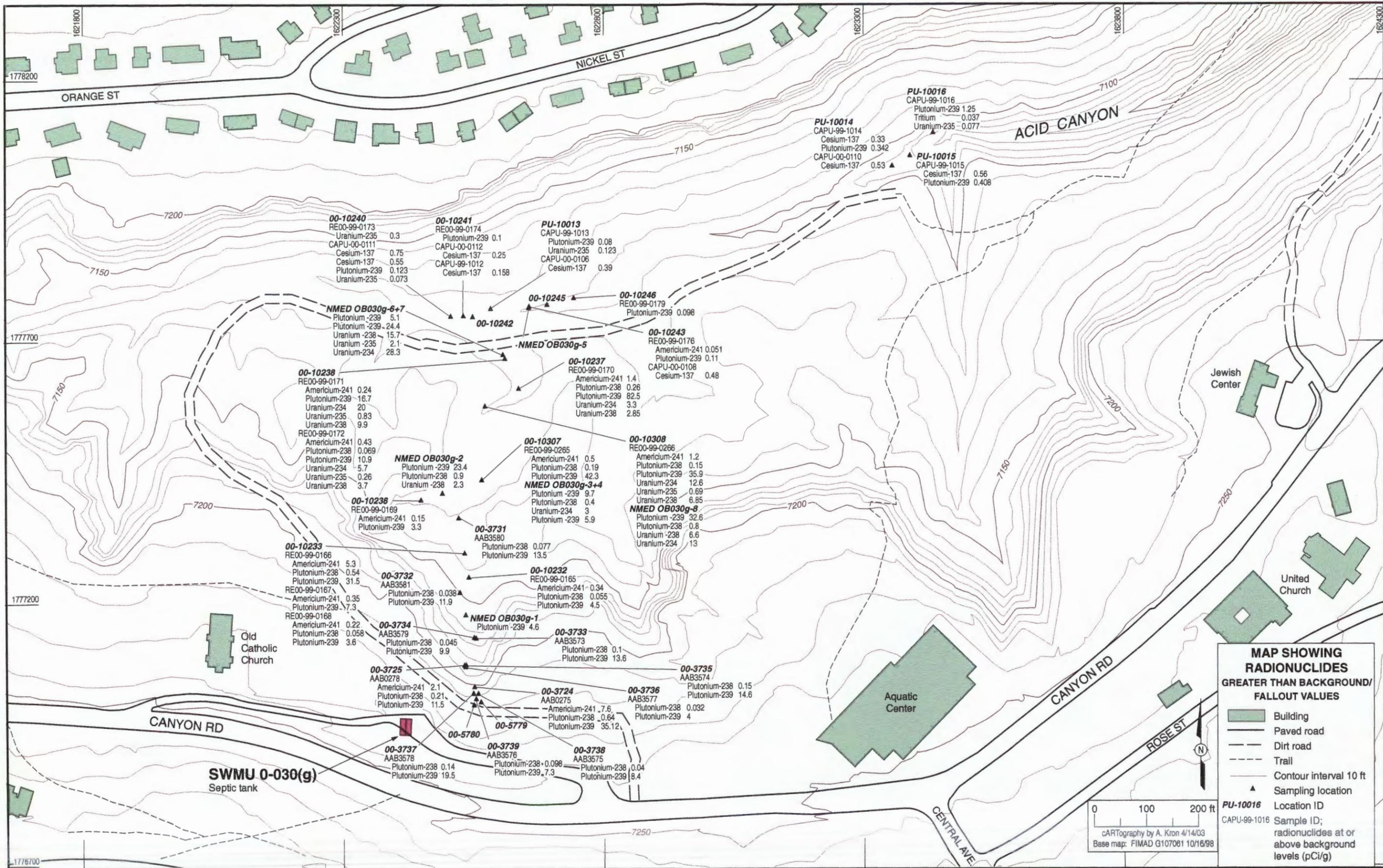


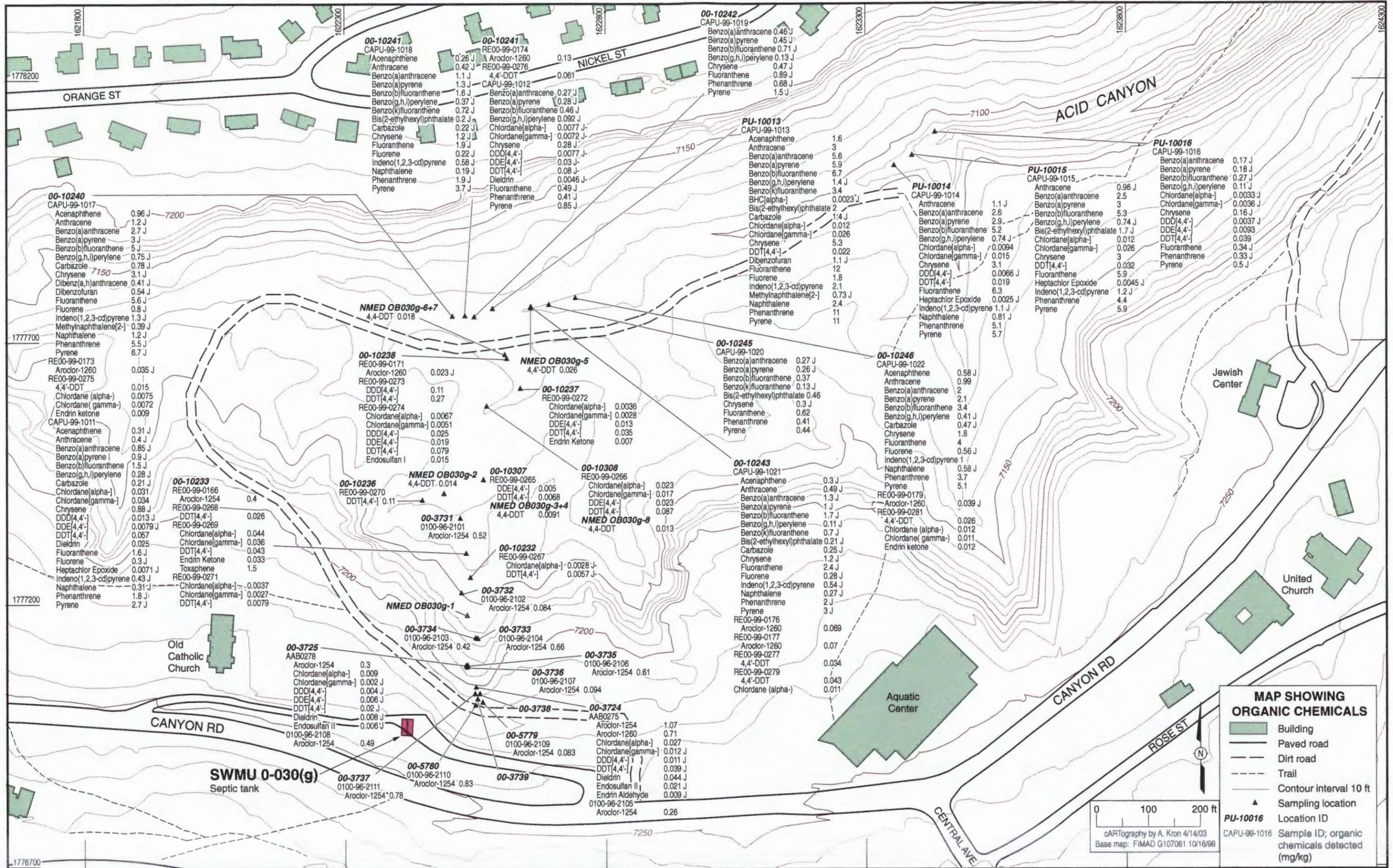
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00-10240
 CAPU-99-1017

Acenaphthene	0.96 J
Anthracene	1.2 J
Benzo(a)anthracene	2.7 J
Benzo(a)pyrene	3 J
Benzo(b)fluoranthene	5 J
Benzo(g,h,i)perylene	0.75 J
Carbazole	0.78 J
Chrysene	3.1 J
Dibenz(a,h)anthracene	0.41 J
Dibenzofuran	0.54 J
Fluoranthene	5.6 J
Fluorene	0.8 J
Indeno(1,2,3-cd)pyrene	1.3 J
Methylnaphthalene(2-)	0.39 J
Naphthalene	1.2 J
Phenanthrene	5.5 J
Pyrene	6.7 J

00-10233
 RE00-99-0166

Aroclor-1254	0.4
RE00-99-0268	
Chrysene	0.88 J
DDD[4,4-]	0.013 J
DDE[4,4-]	0.0079 J
DDT[4,4-]	0.057
Dieldrin	0.025
Fluoranthene	1.6 J
Fluorene	0.3 J
Heptachlor Epoxide	0.0071 J
Indeno(1,2,3-cd)pyrene	0.43 J
Naphthalene	0.31 J
Phenanthrene	1.8 J
Pyrene	2.7 J

00-10238
 RE00-99-0171

Aroclor-1260	0.023 J
RE00-99-0273	
DDD[4,4-]	0.11
DDT[4,4-]	0.27
RE00-99-0274	
Chlordane(alpha-)	0.0067
Chlordane(gamma-)	0.0051
DDD[4,4-]	0.025
DDE[4,4-]	0.019
DDT[4,4-]	0.079
Endosulfan I	0.015

00-10307
 RE00-99-0265

DDE[4,4-]	0.005
DDT[4,4-]	0.0068
NMED OB030g-3+4	4,4-DDT 0.0091

00-10308
 RE00-99-0266

Chlordane(alpha-)	0.023
Chlordane(gamma-)	0.017
DDE[4,4-]	0.023
DDT[4,4-]	0.087
NMED OB030g-8	4,4-DDT 0.013

00-10243
 CAPU-99-1021

Acenaphthene	0.3 J
Anthracene	0.49 J
Benzo(a)anthracene	1.3 J
Benzo(a)pyrene	1 J
Benzo(b)fluoranthene	1.7 J
Benzo(g,h,i)perylene	0.11 J
Benzo(k)fluoranthene	0.7 J
Bis(2-ethylhexyl)phthalate	0.21 J
Carbazole	0.25 J
Chrysene	1.2 J
Fluoranthene	2.4 J
Fluorene	0.28 J
Indeno(1,2,3-cd)pyrene	0.54 J
Naphthalene	0.27 J
Phenanthrene	2 J
Pyrene	3 J

00-10246
 CAPU-99-1022

Acenaphthene	0.58 J
Anthracene	0.99
Benzo(a)anthracene	2
Benzo(a)pyrene	2.1
Benzo(b)fluoranthene	3.4
Benzo(g,h,i)perylene	0.41 J
Carbazole	0.47 J
Chrysene	1.8
Fluoranthene	4
Fluorene	0.56 J
Indeno(1,2,3-cd)pyrene	1
Naphthalene	0.58 J
Phenanthrene	3.7
Pyrene	5.1

PU-10016
 CAPU-99-1016

Benzo(a)anthracene	0.17 J
Benzo(a)pyrene	0.18 J
Benzo(b)fluoranthene	0.27 J
Benzo(g,h,i)perylene	0.11 J
Chlordane(alpha-)	0.0033 J
Chlordane(gamma-)	0.0036 J
Chrysene	0.16 J
DDD[4,4-]	0.0037 J
DDE[4,4-]	0.0093
DDT[4,4-]	0.039
Fluoranthene	0.34 J
Phenanthrene	0.33 J
Pyrene	0.5 J

PU-10015
 CAPU-99-1015

Anthracene	0.96 J
Benzo(a)anthracene	2.5
Benzo(a)pyrene	3
Benzo(b)fluoranthene	5.3
Benzo(g,h,i)perylene	0.74 J
Bis(2-ethylhexyl)phthalate	1.7 J
Chlordane(alpha-)	0.012
Chlordane(gamma-)	0.026
Chrysene	3
DDT[4,4-]	0.032
Fluoranthene	5.9
Fluorene	0.0045 J
Heptachlor Epoxide	1.2 J
Indeno(1,2,3-cd)pyrene	4.4
Phenanthrene	5.9
Pyrene	5.9

00-10245
 CAPU-99-1020

Benzo(a)anthracene	0.27 J
Benzo(a)pyrene	0.26 J
Benzo(b)fluoranthene	0.37
Benzo(k)fluoranthene	0.13 J
Bis(2-ethylhexyl)phthalate	0.46
Chrysene	0.3 J
Fluoranthene	0.62
Phenanthrene	0.41
Pyrene	0.44

00-10242
 CAPU-99-1019

Benzo(a)anthracene	0.46 J
Benzo(a)pyrene	0.45 J
Benzo(b)fluoranthene	0.71 J
Benzo(g,h,i)perylene	0.13 J
Chrysene	0.47 J
Fluoranthene	0.89 J
Phenanthrene	0.68 J
Pyrene	1.5 J

PU-10013
 CAPU-99-1013

Acenaphthene	1.6
Anthracene	3
Benzo(a)anthracene	5.6
Benzo(a)pyrene	5.9
Benzo(b)fluoranthene	6.7
Benzo(g,h,i)perylene	1.4 J
Benzo(k)fluoranthene	3.4
BHC(alpha-)	0.0023 J
Bis(2-ethylhexyl)phthalate	2
Carbazole	1.4 J
Chlordane(alpha-)	0.012
Chlordane(gamma-)	0.026
Chrysene	5.3
DDT[4,4-]	0.022
Dibenzofuran	1.1 J
Fluoranthene	12
Fluorene	1.8
Indeno(1,2,3-cd)pyrene	2.1
Methylnaphthalene(2-)	0.73 J
Naphthalene	2.4
Phenanthrene	11
Pyrene	11

00-10241
 CAPU-99-1018

Acenaphthene	0.26 J
Anthracene	0.42 J
Benzo(a)anthracene	1.1 J
Benzo(a)pyrene	1.3 J
Benzo(b)fluoranthene	1.6 J
Benzo(g,h,i)perylene	0.37 J
Benzo(k)fluoranthene	0.72 J
Bis(2-ethylhexyl)phthalate	0.2 J
Carbazole	0.22 J
Chrysene	1.2 J
Fluoranthene	1.9 J
Fluorene	0.22 J
Indeno(1,2,3-cd)pyrene	0.58 J
Naphthalene	0.19 J
Phenanthrene	1.9 J
Pyrene	3.7 J

00-10241
 RE00-99-0174

Aroclor-1260	0.13
RE00-99-0276	
4,4-DDT	0.061
Benzo(a)anthracene	0.27 J
Benzo(a)pyrene	0.28 J
Benzo(b)fluoranthene	0.46 J
Benzo(g,h,i)perylene	0.092 J
Chlordane(alpha-)	0.0077 J
Chlordane(gamma-)	0.0072 J
Chrysene	0.28 J
DDD[4,4-]	0.0077 J
DDE[4,4-]	0.03 J
DDT[4,4-]	0.08 J
Dieldrin	0.0046 J
Fluoranthene	0.49 J
Phenanthrene	0.41 J
Pyrene	0.85 J

00-10241
 CAPU-99-1012

Benzo(a)anthracene	0.27 J
Benzo(a)pyrene	0.28 J
Benzo(b)fluoranthene	0.46 J
Benzo(g,h,i)perylene	0.092 J
Chlordane(alpha-)	0.0077 J
Chlordane(gamma-)	0.0072 J
Chrysene	0.28 J
DDD[4,4-]	0.0077 J
DDE[4,4-]	0.03 J
DDT[4,4-]	0.08 J
Dieldrin	0.0046 J
Fluoranthene	0.49 J
Phenanthrene	0.41 J
Pyrene	0.85 J

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 RE00-99-0174

Aroclor-1260	0.13
RE00-99-0276	
4,4-DDT	0.061
Benzo(a)anthracene	0.27 J
Benzo(a)pyrene	0.28 J
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DDD[4,4-]	0.0077 J
DDE[4,4-]	0.03 J
DDT[4,4-]	0.08 J
Dieldrin	0.0046 J
Fluoranthene	0.49 J
Phenanthrene	0.41 J
Pyrene	0.85 J

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 CAPU-99-1012

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 RE00-99-0174

Aroclor-1260	0.13
RE00-99-0276	
4,4-DDT	0.061
Benzo(a)anthracene	0.27 J
Benzo(a)pyrene	0.28 J
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DDT[4,4-]	0.08 J
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Pyrene	0.85 J

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 CAPU-99-1012

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Benzo(g,h,i)perylene	0.092 J
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Chlordane(gamma-)	0.0072 J
Chrysene	0.28 J
DDD[4,4-]	0.0077 J
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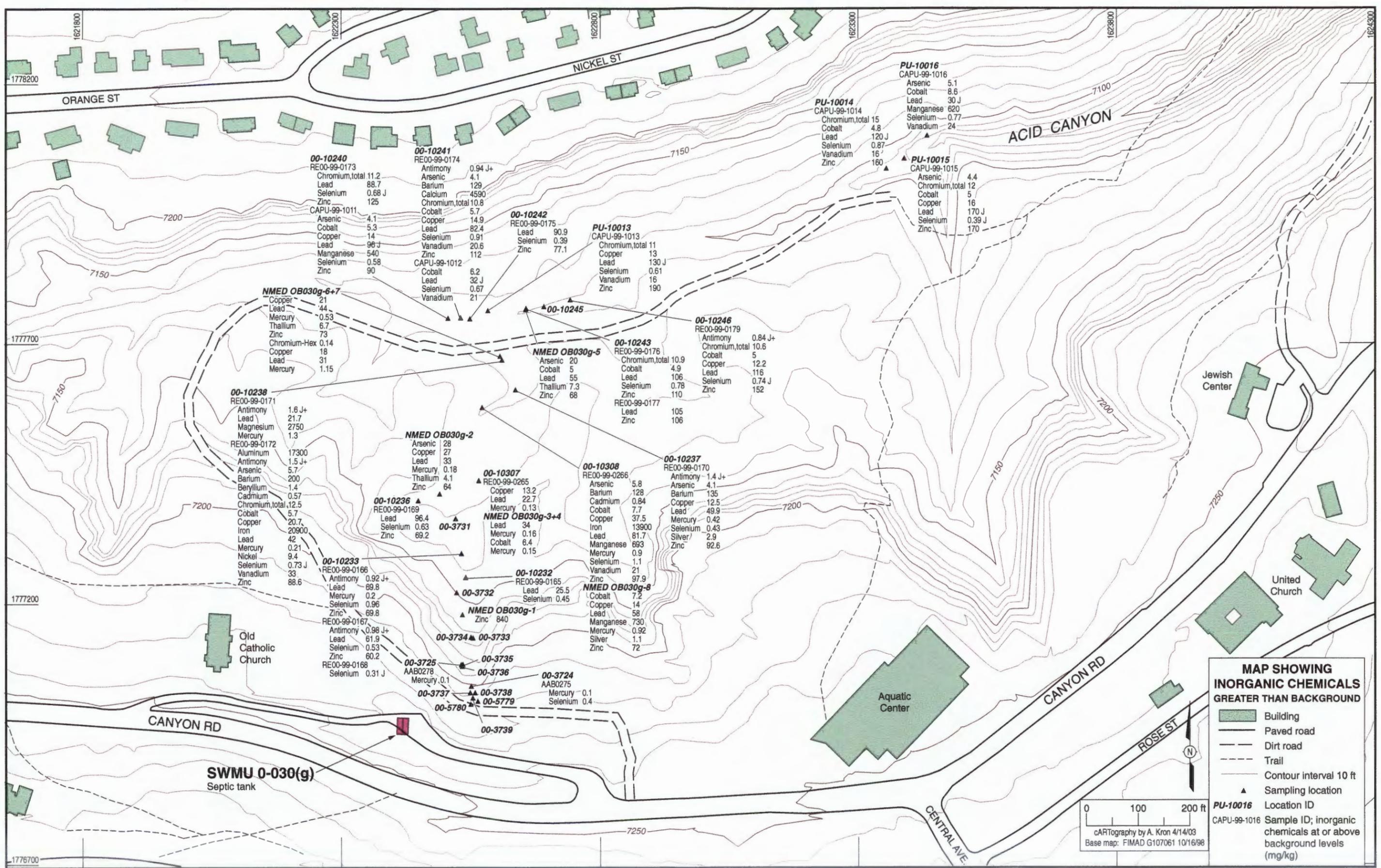
Aroclor-1260	0.13
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Benzo(a)anthracene	0.27 J
Benzo(a)pyrene	0.28 J
Benzo(b)fluoranthene	0.46 J
Benzo(g,h,i)perylene	0.092 J
Chlordane(alpha-)	0.0077 J
Chlordane(gamma-)	0.0072 J



00-10240
RE00-99-0173

Chromium, total	11.2
Lead	88.7
Selenium	0.68 J
Zinc	125

▲ **00-10241**
RE00-99-0174

Antimony	0.94 J+
Arsenic	4.1
Barium	129
Calcium	4590
Chromium, total	10.8
Cobalt	5.7
Copper	14.9
Lead	82.4
Selenium	0.91
Vanadium	20.6
Zinc	112

▲ **00-10242**
RE00-99-0175

Lead	90.9
Selenium	0.39
Zinc	77.1

PU-10013
CAPU-99-1013

Chromium, total	11
Copper	13
Lead	130 J
Selenium	0.61
Vanadium	16
Zinc	190

PU-10016
CAPU-99-1016

Arsenic	5.1
Cobalt	8.6
Lead	30 J
Manganese	620
Selenium	0.77
Vanadium	24

▲ **PU-10015**
CAPU-99-1015

Arsenic	4.4
Chromium, total	12
Cobalt	5
Copper	16
Lead	170 J
Selenium	0.39 J
Zinc	170

NMED OB030g-6+7

Copper	21
Lead	44
Mercury	0.53
Thallium	6.7
Zinc	73
Chromium-Hex	0.14
Copper	18
Lead	31
Mercury	1.15

NMED OB030g-5

Arsenic	20
Cobalt	5
Lead	55
Thallium	7.3
Zinc	68

00-10243
RE00-99-0176

Chromium, total	10.9
Cobalt	4.9
Lead	106
Selenium	0.78
Zinc	110

00-10246
RE00-99-0179

Antimony	0.84 J+
Chromium, total	10.6
Cobalt	5
Copper	12.2
Lead	116
Selenium	0.74 J
Zinc	152

00-10238
RE00-99-0171

Antimony	1.6 J+
Lead	21.7
Magnesium	2750
Mercury	1.3

RE00-99-0172

Aluminum	17300
Antimony	1.5 J+
Arsenic	5.7
Barium	200
Beryllium	1.4
Cadmium	0.57
Chromium, total	12.5
Cobalt	5.7
Copper	20.7
Iron	20900
Lead	42
Mercury	0.21
Nickel	9.4
Selenium	0.73 J
Vanadium	33
Zinc	88.6

NMED OB030g-2

Arsenic	28
Copper	27
Lead	33
Mercury	0.18
Thallium	4.1
Zinc	64

▲ **00-10236**
RE00-99-0169

Lead	96.4
Selenium	0.63
Zinc	69.2

▲ **00-10307**
RE00-99-0265

Copper	13.2
Lead	22.7
Mercury	0.13

00-10308
RE00-99-0266

Arsenic	5.8
Barium	128
Cadmium	0.84
Cobalt	7.7
Copper	37.5
Iron	13900
Lead	81.7
Manganese	693
Mercury	0.9
Selenium	1.1
Vanadium	21
Zinc	97.9

00-10237
RE00-99-0170

Antimony	1.4 J+
Arsenic	4.1
Barium	135
Copper	12.5
Lead	49.9
Mercury	0.42
Selenium	0.43
Silver	2.9
Zinc	92.6

NMED OB030g-3+4

Lead	34
Mercury	0.16
Cobalt	6.4
Mercury	0.15

NMED OB030g-8

Cobalt	7.2
Copper	14
Lead	58
Manganese	730
Mercury	0.92
Silver	1.1
Zinc	72

00-10233
RE00-99-0166

Antimony	0.92 J+
Lead	69.8
Mercury	0.2
Selenium	0.96
Zinc	69.8

▲ **00-3731**

Lead	34
Mercury	0.16
Cobalt	6.4
Mercury	0.15

▲ **00-3732**
RE00-99-0165

Lead	25.5
Selenium	0.45

▲ **NMED OB030g-1**

Zinc	840
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▲ **00-3734** ▲ **00-3733**

▲ **00-3725**
AAB0278

Mercury	0.1
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▲ **00-3735**

Mercury	0.1
Selenium	0.4

▲ **00-3736**

Mercury	0.1
Selenium	0.4

▲ **00-3737**

Mercury	0.1
Selenium	0.4

▲ **00-3738**

Mercury	0.1
Selenium	0.4

▲ **00-5780**

▲ **00-5779**

MAP SHOWING INORGANIC CHEMICALS GREATER THAN BACKGROUND

- Building
- Paved road
- Dirt road
- Trail
- Contour interval 10 ft
- Sampling location
- PU-10016** Location ID
- CAPU-99-1016** Sample ID; inorganic chemicals at or above background levels (mg/kg)

