Clayton Environmental Consultants, Inc.

P.O. Box 9019 • 1252 Quarry Lane • Pleasanton, CA 94566 • (415) 426-2600

cc Mary

May 18, 1989

Ms. Mary Scruggs
ANANIA GEOLOGIC ENGINEERING
11330 Sunrise Drive
Rancho Cordova, CA 95742

Client Ref. No.: 8240/8270 SAMPLES
Lab Batch No.: 8905156
Clayton Project No.: 23724.00
Client Code No: 0636

Dear Ms. Scruggs:

Attached is our analytical laboratory report for the samples received on May 12, 1989. Results were sent to you by facsimile on May 16, 1989. A copy of the Chain of Custody form acknowledging receipt of these samples is attached.

Please note that any unused portion of the samples will be retained at our facility for approximately 30 days after the date of this report, unless you have requested otherwise.

We appreciate the opportunity to be of assistance to you. If you have any questions, please contact Maryann Gambino, Client Services Representative, at (415) 426-2657.

Sincerely,

Ronald H. Peters

Ronald H. Peters, CIH
Manager, Laboratory Services

RHP/tb
Attachment

EPA METHOD 8240
PURGEABLE ORGANICS
(LOW-LEVEL METHOD)

Sample I.D.: MW-17 4105
Sample Received: 05/12/89
Sample Analyzed: 05/15/89
Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEERING
Client Ref. No.: 8240/8270 SAMPLES
Lab Client Code: 0636
Lab No.: 8905156-01A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	5	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	ND	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

EPA METHOD 8240
PURGEABLE ORGANICS
(LOW-LEVEL METHOD)

RECEIVED MAY 2 2 1989

Sample I.D.: MW-17 4107
Sample Received: 05/12/89
Sample Analyzed: 05/12/89
Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEERING
Client Ref. No.: 8240/8270 SAMPLES
Lab Client Code: 0636
Lab No.: 8905156-02A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	ND	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

EPA METHOD 8240
PURGEABLE ORGANICS
(LOW-LEVEL METHOD)

RECEIVED MAY 2 2 1989

Sample I.D.: MW-17 4109
Sample Received: 05/12/89
Sample Analyzed: 05/12/89
Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEERING
Client Ref. No.: 8240/8270 SAMPLES
Lab Client Code: 0636
Lab No.: 8905156-03A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	ND	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

RECEIVED MAY 2 2 1989

EPA METHOD 8240
PURGEABLE ORGANICS
(LOW-LEVEL METHOD)

Sample I.D.: MW-17 4111
Sample Received: 05/12/89
Sample Analyzed: 05/12/89
Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEERING
Client Ref. No.: 8240/8270 SAMPLES
Lab Client Code: 0636
Lab No.: 8905156-04A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	ND	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

EPA METHOD 8240
PURGEABLE ORGANICS
(LOW-LEVEL METHOD)

RECEIVED MAY 2 2 1989

Sample I.D.: MW-18 4113
Sample Received: 05/12/89
Sample Analyzed: 05/15/89
Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEERING
Client Ref. No.: 8240/8270 SAMPLES
Lab Client Code: 0636
Lab No.: 8905156-05A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	6	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	ND	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

EPA METHOD 8240
PURGEABLE ORGANICS
(LOW-LEVEL METHOD)

RECEIVED MAY 2 2 1989

Sample I.D.: MW-18 4115
Sample Received: 05/12/89
Sample Analyzed: 05/12/89
Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEERING
Client Ref. No.: 8240/8270 SAMPLES
Lab Client Code: 0636
Lab No.: 8905156-06A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	ND	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

EPA METHOD 8240
PURGEABLE ORGANICS
(LOW-LEVEL METHOD)

RECEIVED MAY 2 2 1989

Sample I.D.: MW-18 4117
Sample Received: 05/12/89
Sample Analyzed: 05/15/89
Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEERING
Client Ref. No.: 8240/8270 SAMPLES
Lab Client Code: 0636
Lab No.: 8905156-07A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	10	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	ND	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

EPA METHOD 8240
PURGEABLE ORGANICS
(LOW-LEVEL METHOD)

RECEIVED MAY 2 2 1989

Sample I.D.: MW-18 4119
Sample Received: 05/12/89
Sample Analyzed: 05/15/89
Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEERING
Client Ref. No.: 8240/8270 SAMPLES
Lab Client Code: 0636
Lab No.: 8905156-08A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	6	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	ND	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

EPA METHOD 8240
PURGEABLE ORGANICS
(LOW-LEVEL METHOD)

RECEIVED MAY 2 2 1989

Sample I.D.: MW-19 4121
Sample Received: 05/12/89
Sample Analyzed: 05/15/89
Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEERING
Client Ref. No.: 8240/8270 SAMPLES
Lab Client Code: 0636
Lab No.: 8905156-09A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	240	20
2-Butanone	78-93-3	80	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

RECEIVED MAY 2 2 1989

EPA METHOD 8240
PURGEABLE ORGANICS
(LOW-LEVEL METHOD)

Sample I.D.: Method Blank
Sample Received: 05/12/89
Sample Analyzed: 05/15/89
Sample Matrix: SOIL_WATER

Client: ANANIA GEOLOGIC ENGINEERING
Client Ref. No.: 8240/8270 SAMPLES
Lab Client Code: 0636
Lab No.: 8905156-13A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	30	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

EPA METHOD 8240
PURGEABLE ORGANICS

Sample I.D.: MW-18 3189
Sample Received: 05/12/89
Sample Analyzed: 05/12/89
Sample Matrix: WATER

Client: ANANIA GEOLOGIC ENGINEERING
Client Ref. No.: 8240/8270 SAMPLES
Lab Client Code: 0636
Lab No.: 8905156-10A

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	ND	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

EPA METHOD 8240
PURGEABLE ORGANICS

RECEIVED MAY 2 2 1989

Sample I.D.: Method Blank
Sample Received: 05/12/89
Sample Analyzed: 05/12/89
Sample Matrix: WATER_SOIL

Client: ANANIA GEOLOGIC ENGINEERING
Client Ref. No.: 8240/8270 SAMPLES
Lab Client Code: 0636
Lab No.: 8905156-14A

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	8	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	ND	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	40	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: MW-17 4105

Client: ANANIA GEOLOGIC ENGINEERING

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/15/89

Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Sample Matrix: SOIL

Lab No.: 8905156-01A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20-3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-chloronaphthalene	91-58-7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: MW-17 4105 Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300
Chrysene	218-01-9	ND	70
Di-n-octylphthalate	117-84-0	ND	30
Benzo(b)fluoranthene	205-99-2	ND	70
Benzo(k)fluoranthene	207-08-9	ND	30
Benzo(a)pyrene	50-32-8	ND	30
Indeno(1,2,3-cd)pyrene	193-39-5	ND	30
Dibenzo(a,h)anthracene	53-70-3	ND	30
Benzo(ghi)perylene	191-24-2	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: MW-17 4107

Client: ANANIA GEOLOGIC ENGINEERING

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/15/89

Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Sample Matrix: SOIL

Lab No.: 8905156-02A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20-3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-chloronaphthalene	91-58-7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: MW-17 4107 Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300
Chrysene	218-01-9	ND	70
Di-n-octylphthalate	117-84-0	ND	30
Benzo(b)fluoranthene	205-99-2	ND	70
Benzo(k)fluoranthene	207-08-9	ND	30
Benzo(a)pyrene	50-32-8	ND	30
Indeno(1,2,3-cd)pyrene	193-39-5	ND	30
Dibenzo(a,h)anthracene	53-70-3	ND	30
Benzo(ghi)perylene	191-24-2	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: MW-17 4109
Client: ANANIA GEOLOGIC ENGINEERING

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/15/89
Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Sample Matrix: SOIL
Lab No.: 8905156-03A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20-3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-chloronaphthalene	91-58-7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: MW-17 4109 Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300
Chrysene	218-01-9	ND	70
Di-n-octylphthalate	117-84-0	ND	30
Benzo(b)fluoranthene	205-99-2	ND	70
Benzo(k)fluoranthene	207-08-9	ND	30
Benzo(a)pyrene	50-32-8	ND	30
Indeno(1,2,3-cd)pyrene	193-39-5	ND	30
Dibenzo(a,h)anthracene	53-70-3	ND	30
Benzo(ghi)perylene	191-24-2	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: MW-17 4111
Client: ANANIA GEOLOGIC ENGINEERING

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/15/89
Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Sample Matrix: SOIL
Lab No.: 8905156-04A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20-3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-chloronaphthalene	91-58-7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: MW-17 4111 Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300
Chrysene	218-01-9	ND	70
Di-n-octylphthalate	117-84-0	ND	30
Benzo(b)fluoranthene	205-99-2	ND	70
Benzo(k)fluoranthene	207-08-9	ND	30
Benzo(a)pyrene	50-32-8	ND	30
Indeno(1,2,3-cd)pyrene	193-39-5	ND	30
Dibenzo(a,h)anthracene	53-70-3	ND	30
Benzo(ghi)perylene	191-24-2	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: MW-18 4113
Client: ANANIA GEOLOGIC ENGINEERING

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/15/89
Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Sample Matrix: SOIL
Lab No.: 8905156-05A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20-3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-chloronaphthalene	91-58-7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: MW-18 4113 Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300
Chrysene	218-01-9	ND	70
Di-n-octylphthalate	117-84-0	ND	30
Benzo(b)fluoranthene	205-99-2	ND	70
Benzo(k)fluoranthene	207-08-9	ND	30
Benzo(a)pyrene	50-32-8	ND	30
Indeno(1,2,3-cd)pyrene	193-39-5	ND	30
Dibenzo(a,h)anthracene	53-70-3	ND	30
Benzo(ghi)perylene	191-24-2	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: MW-18 4115

Client: ANANIA GEOLOGIC ENGINEERING

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/16/89

Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Sample Matrix: SOIL

Lab No.: 8905156-06A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20-3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-chloronaphthalene	91-58-7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: MW-18 4115 Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300
Chrysene	218-01-9	ND	70
Di-n-octylphthalate	117-84-0	ND	30
Benzo(b)fluoranthene	205-99-2	ND	70
Benzo(k)fluoranthene	207-08-9	ND	30
Benzo(a)pyrene	50-32-8	ND	30
Indeno(1,2,3-cd)pyrene	193-39-5	ND	30
Dibenzo(a,h)anthracene	53-70-3	ND	30
Benzo(ghi)perylene	191-24-2	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: MW-18 4117
Client: ANANIA GEOLOGIC ENGINEERING

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/16/89
Client Ref. No.: 8240/8270 SAMPLES
Lab Client Code: 0636

Sample Matrix: SOIL
Lab No.: 8905156-07A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20-3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-chloronaphthalene	91-58-7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: MW-18 4117 Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300
Chrysene	218-01-9	ND	70
Di-n-octylphthalate	117-84-0	ND	30
Benzo(b)fluoranthene	205-99-2	ND	70
Benzo(k)fluoranthene	207-08-9	ND	30
Benzo(a)pyrene	50-32-8	ND	30
Indeno(1,2,3-cd)pyrene	193-39-5	ND	30
Dibenzo(a,h)anthracene	53-70-3	ND	30
Benzo(ghi)perylene	191-24-2	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: MW-18 4119
Client: ANANIA GEOLOGIC ENGINEERING

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/16/89
Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Sample Matrix: SOIL
Lab No.: 8905156-08A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20-3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-chloronaphthalene	91-58-7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: MW-18 4119 Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300
Chrysene	218-01-9	ND	70
Di-n-octylphthalate	117-84-0	ND	30
Benzo(b)fluoranthene	205-99-2	ND	70
Benzo(k)fluoranthene	207-08-9	ND	30
Benzo(a)pyrene	50-32-8	ND	30
Indeno(1,2,3-cd)pyrene	193-39-5	ND	30
Dibenzo(a,h)anthracene	53-70-3	ND	30
Benzo(ghi)perylene	191-24-2	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: MW-19 4121

Client: ANANIA GEOLOGIC ENGINEERING

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/16/89

Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Sample Matrix: SOIL

Lab No.: 8905156-09A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20-3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-chloronaphthalene	91-58-7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: MW-19 4121 Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300
Chrysene	218-01-9	ND	70
Di-n-octylphthalate	117-84-0	ND	30
Benzo(b)fluoranthene	205-99-2	ND	70
Benzo(k)fluoranthene	207-08-9	ND	30
Benzo(a)pyrene	50-32-8	ND	30
Indeno(1,2,3-cd)pyrene	193-39-5	ND	30
Dibenzo(a,h)anthracene	53-70-3	ND	30
Benzo(ghi)perylene	191-24-2	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: Method Blank
Client: ANANIA GEOLOGIC ENGINEERING

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/15/89
Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Sample Matrix: SOIL
Lab No.: 8905156-11A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20-3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-chloronaphthalene	91-58-7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: Method Blank

Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300
Chrysene	218-01-9	ND	70
Di-n-octylphthalate	117-84-0	ND	30
Benzo(b)fluoranthene	205-99-2	ND	70
Benzo(k)fluoranthene	207-08-9	ND	30
Benzo(a)pyrene	50-32-8	ND	30
Indeno(1,2,3-cd)pyrene	193-39-5	ND	30
Dibenzo(a,h)anthracene	53-70-3	ND	30
Benzo(ghi)perylene	191-24-2	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: MW-18 3189
Client: ANANIA GEOLOGIC ENGINEERING

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/16/89
Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Sample Matrix: WATER
Lab No.: 8905156-10C

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
ACID COMPOUNDS			
Phenol	108-95-2	ND	1
2-chlorophenol	95-57-8	ND	1
2-methyl phenol	95-48-7	ND	1
4-methyl phenol	106-44-5	ND	1
2-nitrophenol	88-75-5	ND	1
2,4-dimethylphenol	105-67-9	ND	1
2,4-dichlorophenol	120-83-2	ND	1
4-chloro-3-methylphenol	59-50-7	ND	1
2,4,5-trichlorophenol	95-95-4	ND	1
2,4,6-trichlorophenol	88-06-2	ND	1
2,4-dinitrophenol	51-28-5	ND	5
4-nitrophenol	100-02-7	ND	5
2-methyl-4,6-dinitrophenol	534-52-1	ND	1
Pentachlorophenol	87-86-5	ND	1
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	5
Bis(2-chloroethyl)ether	111-44-4	ND	1
1,3-dichlorobenzene	541-73-7	ND	1
1,4-dichlorobenzene	106-46-7	ND	1
1,2-dichlorobenzene	95-50-1	ND	1
Bis-(2-chloroisopropyl)ether	108-60-1	ND	1
N-nitrosodi-n-propylamine	621-64-7	ND	1
Hexachloroethane	67-72-1	ND	1
Nitrobenzene	98-95-3	ND	1
Isophorone	78-59-1	ND	1
Bis-(2-chloroethoxy)methane	111-91-1	ND	1
1,2,4-trichlorobenzene	120-82-1	ND	1
Naphthalene	91-20-3	ND	1
Hexachlorobutadiene	87-68-3	ND	1
2-chloronaphthalene	91-58-7	ND	1
2-methyl naphthalene	91-57-6	ND	1

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: MW-18 3189 Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	5
2-nitroaniline	88-74-4	ND	5
3-nitroaniline	99-09-2	ND	5
4-nitroaniline	100-01-6	ND	5
Hexachlorocyclopentadiene	77-47-4	ND	1
Dimethyl phthalate	131-11-3	ND	10
Acenaphthylene	208-96-8	ND	1
Acenaphthene	83-32-9	ND	1
2,4-dinitrotoluene	121-14-2	ND	1
2,6-dinitrotoluene	606-20-2	ND	1
Diethyl phthalate	84-66-2	ND	1
4-chlorophenylphenylether	7005-72-3	ND	1
Fluorene	86-73-7	ND	1
N-nitrosodiphenylamine	86-30-6	ND	1
4-bromophenylphenylether	101-55-3	ND	1
Hexachlorobenzene	118-74-1	ND	1
Phenanthrene	85-01-8	ND	1
Anthracene	120-12-7	ND	1
Di-n-butylphthalate	84-74-2	ND	1
Fluoranthene	206-44-2	ND	1
Benzidine	92-87-5	ND	30
Pyrene	129-00-0	ND	1
Benzylbutylphthalate	85-68-7	17	1
3,3'-dichlorobenzidine	91-94-1	ND	40
Benzo(a)anthracene	56-55-3	ND	1
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	10
Chrysene	218-01-9	ND	2
Di-n-octylphthalate	117-84-0	ND	1
Benzo(b)fluoranthene	205-99-2	ND	2
Benzo(k)fluoranthene	207-08-9	ND	1
Benzo(a)pyrene	50-32-8	ND	1
Indeno(1,2,3-cd)pyrene	193-39-5	ND	1
Dibenzo(a,h)anthracene	53-70-3	ND	1
Benzo(ghi)perylene	191-24-2	ND	1

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: Method Blank
Client: ANANIA GEOLOGIC ENGINEERING

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/16/89
Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Sample Matrix: WATER
Lab No.: 8905156-12A

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
ACID COMPOUNDS			
Phenol	108-95-2	ND	1
2-chlorophenol	95-57-8	ND	1
2-methyl phenol	95-48-7	ND	1
4-methyl phenol	106-44-5	ND	1
2-nitrophenol	88-75-5	ND	1
2,4-dimethylphenol	105-67-9	ND	1
2,4-dichlorophenol	120-83-2	ND	1
4-chloro-3-methylphenol	59-50-7	ND	1
2,4,5-trichlorophenol	95-95-4	ND	1
2,4,6-trichlorophenol	88-06-2	ND	1
2,4-dinitrophenol	51-28-5	ND	5
4-nitrophenol	100-02-7	ND	5
2-methyl-4,6-dinitrophenol	534-52-1	ND	1
Pentachlorophenol	87-86-5	ND	1
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	5
Bis(2-chloroethyl)ether	111-44-4	ND	1
1,3-dichlorobenzene	541-73-7	ND	1
1,4-dichlorobenzene	106-46-7	ND	1
1,2-dichlorobenzene	95-50-1	ND	1
Bis-(2-chloroisopropyl)ether	108-60-1	ND	1
N-nitrosodi-n-propylamine	621-64-7	ND	1
Hexachloroethane	67-72-1	ND	1
Nitrobenzene	98-95-3	ND	1
Isophorone	78-59-1	ND	1
Bis-(2-chloroethoxy)methane	111-91-1	ND	1
1,2,4-trichlorobenzene	120-82-1	ND	1
Naphthalene	91-20-3	ND	1
Hexachlorobutadiene	87-68-3	ND	1
2-chloronaphthalene	91-58-7	ND	1
2-methyl naphthalene	91-57-6	ND	1

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: Method Blank

Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	5
2-nitroaniline	88-74-4	ND	5
3-nitroaniline	99-09-2	ND	5
4-nitroaniline	100-01-6	ND	5
Hexachlorocyclopentadiene	77-47-4	ND	1
Dimethyl phthalate	131-11-3	ND	10
Acenaphthylene	208-96-8	ND	1
Acenaphthene	83-32-9	ND	1
2,4-dinitrotoluene	121-14-2	ND	1
2,6-dinitrotoluene	606-20-2	ND	1
Diethyl phthalate	84-66-2	ND	1
4-chlorophenylphenylether	7005-72-3	ND	1
Fluorene	86-73-7	ND	1
N-nitrosodiphenylamine	86-30-6	ND	1
4-bromophenylphenylether	101-55-3	ND	1
Hexachlorobenzene	118-74-1	ND	1
Phenanthrene	85-01-8	ND	1
Anthracene	120-12-7	ND	1
Di-n-butylphthalate	84-74-2	ND	1
Fluoranthene	206-44-2	ND	1
Benzidine	92-87-5	ND	30
Pyrene	129-00-0	ND	1
Benzylbutylphthalate	85-68-7	ND	1
3,3'-dichlorobenzidine	91-94-1	ND	40
Benzo(a)anthracene	56-55-3	ND	1
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	10
Chrysene	218-01-9	ND	2
Di-n-octylphthalate	117-84-0	ND	1
Benzo(b)fluoranthene	205-99-2	ND	2
Benzo(k)fluoranthene	207-08-9	ND	1
Benzo(a)pyrene	50-32-8	ND	1
Indeno(1,2,3-cd)pyrene	193-39-5	ND	1
Dibenzo(a,h)anthracene	53-70-3	ND	1
Benzo(ghi)perylene	191-24-2	ND	1

ND = Not detected at or above limit of detection

ANANIA GEOLOGIC ENGINEERING

AGE

PROJECT NO.	LAB REPORT NO.	NO. OF CONTAINERS	SAMPLE TYPE			ANALYSES							
004-88-059			SOIL		WATER	8240	8270	8080	M 8015	TTLC Lead	0.1 g grind		REMARKS
P.O. NO.	SAMPLERS: (signature)		COMP	GRAB									
LAB LOG NO. / DATE / TIME / SAMPLE I.D.													
5/11/89	MW-17 5' 4105	2		X		X	X	X	X	X	X		
	MW-17 10' 4107	2		X		X	X	X	X	X	X		
	MW-17 15' 4109	2		X		X	X	X	X	X	X		
	MW-17 20' 4111	2		X		X	X	X	X	X	X		
	MW-18 5' 4113	2		X		X	X	X	X	X	X		
	MW-18 10' 4115	2		X		X	X	X	X	X	X		
	MW-18 15' 4117	2		X		X	X	X	X	X	X		
	MW-18 20' 4119	2		X		X	X	X	X	X	X		
V	MW-19 5' 4121	2		X		X	X	X	X	X	X		
5/10/89	MW-18 3189	8			X	X	X	X	X	X	X		

RELINQUISHED BY: (signature)	DATE/TIME	RECEIVED BY: (signature)
5/12/89 12:30	5/12/89 8:00	Anne Callinguin
RELINQUISHED BY: (signature)	DATE/TIME	RECEIVED BY: (signature)
RELINQUISHED BY: (signature)	DATE/TIME	RECEIVED BY: (signature)

REMARKS: Rush verbals by Tuesday 8:00 am
distinguish on Oil & Grease between animal/veg. fat & hydrocarbons

SEND RESULTS TO:
ATTN: Mary Scruggs
Anania Geologic Engineering
11330 Sunrise Park Dr
Rancho Cordova, CA
PHONE NO. (916) 451-0821

CHAIN OF CUSTODY Send out analysis not certified for:

White - AGE
Yellow - LAB Copy
Pink - File

631-0150

Clayton Environmental Consultants, Inc.

P.O. Box 9019 • 1252 Quarry Lane • Pleasanton, CA 94566 • (415) 426-2600

cc Mary

May 18, 1989

Ms. Mary Scruggs
ANANIA GEOLOGIC ENGINEERING
11330 Sunrise Drive
Rancho Cordova, CA 95742

Client Ref. No.: 8240/8270 SAMPLES
Lab Batch No.: 8905156
Clayton Project No.: 23724.00
Client Code No: 0636

Dear Ms. Scruggs:

Attached is our analytical laboratory report for the samples received on May 12, 1989. Results were sent to you by facsimile on May 16, 1989. A copy of the Chain of Custody form acknowledging receipt of these samples is attached.

Please note that any unused portion of the samples will be retained at our facility for approximately 30 days after the date of this report, unless you have requested otherwise.

We appreciate the opportunity to be of assistance to you. If you have any questions, please contact Maryann Gambino, Client Services Representative, at (415) 426-2657.

Sincerely,

Ronald H. Peters, CIH
Manager, Laboratory Services

RHP/tb
Attachment

EPA METHOD 8240
PURGEABLE ORGANICS
(LOW-LEVEL METHOD)

Sample I.D.: MW-17 4105
Sample Received: 05/12/89
Sample Analyzed: 05/15/89
Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEER
Client Ref. No.: 8240/8270 SAMPL
Lab Client Code: 0636
Lab No.: 8905156-01A

Compound	CAS #	Concentration ug/kg	Limit of Detecti ug/kg
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	5	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	ND	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

EPA METHOD 8240
PURGEABLE ORGANICS
(LOW-LEVEL METHOD)

Sample I.D.: MW-17 4107
Sample Received: 05/12/89
Sample Analyzed: 05/12/89
Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINE
Client Ref. No.: 8240/8270 SAM
Lab Client Code: 0636
Lab No.: 8905156-02A

Compound	CAS #	Concentration ug/kg	Limit of Detect ug/kg
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	ND	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

EPA METHOD 8240
PURGEABLE ORGANICS
(LOW-LEVEL METHOD)

RECEIVED MAY 2 2 1989

Sample I.D.: MW-17 4109
Sample Received: 05/12/89
Sample Analyzed: 05/12/89
Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEERING
Client Ref. No.: 8240/8270 SAMPLES
Lab Client Code: 0636
Lab No.: 8905156-03A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	ND	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

RECEIVED MAY 2 2 19

EPA METHOD 8240
PURGEABLE ORGANICS
(LOW-LEVEL METHOD)

Sample I.D.: MW-17 4111
Sample Received: 05/12/89
Sample Analyzed: 05/12/89
Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEERI
Client Ref. No.: 8240/8270 SAMPLE
Lab Client Code: 0636
Lab No.: 8905156-04A

Compound	CAS #	Concentration ug/kg	Limit of Detectio ug/kg
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	ND	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

EPA METHOD 8240
PURGEABLE ORGANICS
(LOW-LEVEL METHOD)

Sample I.D.: MW-18 4113
Sample Received: 05/12/89
Sample Analyzed: 05/15/89
Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEERIN
Client Ref. No.: 8240/8270 SAMPLES
Lab Client Code: 0636
Lab No.: 8905156-05A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	6	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	ND	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND - Not detected at or above limit of detection

EPA METHOD 8240
PURGEABLE ORGANICS
(LOW-LEVEL METHOD)

RECEIVED MAY 2 2 1989

Sample I.D.: MW-18 4115
Sample Received: 05/12/89
Sample Analyzed: 05/12/89
Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEERING
Client Ref. No.: 8240/8270 SAMPLES
Lab Client Code: 0636
Lab No.: 8905156-06A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	ND	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

EPA METHOD 8240
PURGEABLE ORGANICS
(LOW-LEVEL METHOD)

RECEIVED MAY 2 2 1989

Sample I.D.: MW-18 4117
Sample Received: 05/12/89
Sample Analyzed: 05/15/89
Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEERING
Client Ref. No.: 8240/8270 SAMPLES
Lab Client Code: 0636
Lab No.: 8905156-07A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	10	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	ND	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

RECEIVED MAY 2

EPA METHOD 8240
PURGEABLE ORGANICS
(LOW-LEVEL METHOD)

Sample I.D.: MW-19 4121
Sample Received: 05/12/89
Sample Analyzed: 05/15/89
Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEE
Client Ref. No.: 8240/8270 SAMP
Lab Client Code: 0636
Lab No.: 8905156-09A

Compound	CAS #	Concentration ug/kg	Limit of Detect ug/kg
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	240	20
2-Butanone	78-93-3	80	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND - Not detected at or above limit of detection

EPA METHOD 8240
PURGEABLE ORGANICS
(LOW-LEVEL METHOD)

Sample I.D.: Method Blank
Sample Received: 05/12/89
Sample Analyzed: 05/15/89
Sample Matrix: SOIL_WATER

Client: ANANIA GEOLOGIC ENGINEEI
Client Ref. No.: 8240/8270 SAMPI
Lab Client Code: 0636
Lab No.: 8905156-13A

Compound	CAS #	Concentration ug/kg	Limit of Detecti ug/kg
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	30	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

RECEIVED MAY

EPA METHOD 8240
PURGEABLE ORGANICS

Sample I.D.: MW-18 3189
Sample Received: 05/12/89
Sample Analyzed: 05/12/89
Sample Matrix: WATER

Client: ANANIA GEOLOGIC ENGINEERIN
Client Ref. No.: 8240/8270 SAMPLES
Lab Client Code: 0636
Lab No.: 8905156-10A

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	ND	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	ND	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	ND	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

EPA METHOD 8240
PURGEABLE ORGANICS

RECEIVED MAY 2 2 1989

Sample I.D.: Method Blank
Sample Received: 05/12/89
Sample Analyzed: 05/12/89
Sample Matrix: WATER_SOIL

Client: ANANIA GEOLOGIC ENGINEERING
Client Ref. No.: 8240/8270 SAMPLES
Lab Client Code: 0636
Lab No.: 8905156-14A

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
Chloromethane	74-87-3	ND	10
Bromomethane	74-83-9	ND	4
Vinyl chloride	75-01-4	ND	4
Chloroethane	75-00-3	ND	4
Methylene chloride	75-09-2	ND	10
Trichlorofluoromethane	75-69-4	ND	3
1,1-dichloroethene	75-35-4	ND	3
1,1-dichloroethane	75-35-3	ND	3
Trans-1,2-dichloroethene	156-60-5	ND	3
Chloroform	67-66-3	ND	3
1,2-dichloroethane	107-06-2	ND	3
1,1,1-trichloroethane	71-55-6	ND	3
Carbon tetrachloride	56-23-5	ND	3
Bromodichloromethane	75-27-4	ND	3
1,2-dichloropropane	78-87-5	ND	3
Cis-1,3-dichloropropene	10061-01-5	ND	3
Trichloroethene	79-01-6	ND	4
Benzene	71-43-2	ND	2
Dibromochloromethane	124-48-1	ND	2
1,1,2-trichloroethane	79-00-5	ND	6
Trans-1,3-dichloropropene	10061-02-6	ND	5
2-chloroethylvinylether	100-75-8	ND	3
Bromoform	75-25-2	ND	3
1,1,2,2-tetrachloroethane	79-34-5	8	4
Tetrachloroethene	127-18-4	ND	4
Toluene	108-88-3	ND	2
Chlorobenzene	108-90-7	ND	3
Ethylbenzene	100-41-4	ND	3
1,3-dichlorobenzene	541-73-7	ND	3
1,2-dichlorobenzene	95-50-1	ND	3
1,4-dichlorobenzene	106-46-7	ND	3
Freon 113	76-13-1	ND	3
Total Xylenes	1330-20-7	ND	3
Acetone	67-64-1	ND	20
2-Butanone	78-93-3	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
2-Hexanone	591-78-6	40	20
Vinyl acetate	108-05-4	ND	10
Carbon disulfide	75-15-0	ND	3
Styrene	100-42-5	ND	3

ND = Not detected at or above limit of detection

RECEIVED MAY 2 2 1989

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: MW-17 4105

Client: ANANIA GEOLOGIC ENGINEERING

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/15/89

Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Sample Matrix: SOIL

Lab No.: 8905156-01A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20-3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-chloronaphthalene	91-58-7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND = Not detected at or above limit of detection

RECEIVED MAY

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: MW-17 4105 Client: ANANIA GEOLOGIC ENGINEI

Compound	CAS #	Concentration ug/kg	Limit of Dete ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: MW-17 4107

Client: ANANIA GEOLOGIC ENGINEERING

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/15/89

Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Sample Matrix: SOIL

Lab No.: 8905156-02A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20-3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-chloronaphthalene	91-58-7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: MW-17 4107 Client: ANANIA GEOLOGIC ENGINEER

Compound	CAS #	Concentration ug/kg	Limit of Detec ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: MW-17 4109

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/15/89

Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEER

Client Ref. No.: 8240/8270 SAMPL

Lab Client Code: 0636

Lab No.: 8905156-03A

Compound	CAS #	Concentration ug/kg	Limit of Detec ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20-3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-chloronaphthalene	91-58-7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: MW-17 4109

Client: ANANIA GEOLOGIC ENGINEERI

Compound	CAS #	Concentration ug/kg	Limit of Detect ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: MW-17 4111

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/15/89

Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEERIN

Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Lab No.: 8905156-04A

Compound	CAS #	Concentration ug/kg	Limit of Detecti ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20-3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2 chloronaphthalene	91-58-7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

RECEIVED MAY 2 2 1989

Sample I.D.: MW-17 4111

Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: MW-18 4113

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/15/89

Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEERING

Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Lab No.: 8905156-05A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20 3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-chloronaphthalene	91-58 7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

RECEIVED MAY 2 2 1989

Sample I.D.: MW-18 4113

Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

RECEIVED MAY 2 2 1989

Sample I.D.: MW-18 4115

Client: ANANIA GEOLOGIC ENGINEERING

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/16/89

Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Sample Matrix: SOIL

Lab No.: 8905156-06A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20-3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-chloronaphthalene	91-58-7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND - Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: MW-18 4115

Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: MW-18 4117

Client: ANANIA GEOLOGIC ENGINEERING

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/16/89

Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Sample Matrix: SOIL

Lab No.: 8905156-07A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20-3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-chloronaphthalene	91-58-7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: MW-18 4117 Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: MW-18 4119

Client: ANANIA GEOLOGIC ENGINEERING

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/16/89

Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Sample Matrix: SOIL

Lab No.: 8905156-08A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20-3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-chloronaphthalene	91-58-7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: MW-18 4119

Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: MW-19 4121

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/16/89

Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEERING

Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Lab No.: 8905156-09A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20-3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-chloronaphthalene	91-58-7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES (Cont'd)

RECEIVED MAY 2 2 1989

Sample I.D.: MW-19 4121 Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: Method Blank

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/15/89

Sample Matrix: SOIL

Client: ANANIA GEOLOGIC ENGINEERING

Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Lab No.: 8905156-11A

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
ACID COMPOUNDS			
Phenol	108-95-2	ND	30
2-chlorophenol	95-57-8	ND	30
2-methyl phenol	95-48-7	ND	30
4-methyl phenol	106-44-5	ND	30
2-nitrophenol	88-75-5	ND	30
2,4-dimethylphenol	105-67-9	ND	30
2,4-dichlorophenol	120-83-2	ND	30
4-chloro-3-methylphenol	59-50-7	ND	30
2,4,5-trichlorophenol	95-95-4	ND	30
2,4,6-trichlorophenol	88-06-2	ND	30
2,4-dinitrophenol	51-28-5	ND	200
4-nitrophenol	100-02-7	ND	200
2-methyl-4,6-dinitrophenol	534-52-1	ND	30
Pentachlorophenol	87-86-5	ND	30
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	200
Bis(2-chloroethyl)ether	111-44-4	ND	30
1,3-dichlorobenzene	541-73-7	ND	30
1,4-dichlorobenzene	106-46-7	ND	30
1,2-dichlorobenzene	95-50-1	ND	30
Bis-(2-chloroisopropyl)ether	108-60-1	ND	30
N-nitrosodi-n-propylamine	621-64-7	ND	30
Hexachloroethane	67-72-1	ND	30
Nitrobenzene	98-95-3	ND	30
Isophorone	78-59-1	ND	30
Bis-(2-chloroethoxy)methane	111-91-1	ND	30
1,2,4-trichlorobenzene	120-82-1	ND	30
Naphthalene	91-20-3	ND	30
Hexachlorobutadiene	87-68-3	ND	30
2-chloronaphthalene	91-58-7	ND	30
2-methyl naphthalene	91-57-6	ND	30

ND Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: Method Blank

Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/kg	Limit of Detection ug/kg
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	200
2-nitroaniline	88-74-4	ND	200
3-nitroaniline	99-09-2	ND	200
4-nitroaniline	100-01-6	ND	200
Hexachlorocyclopentadiene	77-47-4	ND	30
Dimethyl phthalate	131-11-3	ND	300
Acenaphthylene	208-96-8	ND	30
Acenaphthene	83-32-9	ND	30
2,4-dinitrotoluene	121-14-2	ND	30
2,6-dinitrotoluene	606-20-2	ND	30
Diethyl phthalate	84-66-2	ND	30
4-chlorophenylphenylether	7005-72-3	ND	30
Fluorene	86-73-7	ND	30
N-nitrosodiphenylamine	86-30-6	ND	30
4-bromophenylphenylether	101-55-3	ND	30
Hexachlorobenzene	118-74-1	ND	30
Phenanthrene	85-01-8	ND	30
Anthracene	120-12-7	ND	30
Di-n-butylphthalate	84-74-2	ND	30
Fluoranthene	206-44-2	ND	30
Benzidine	92-87-5	ND	1000
Pyrene	129-00-0	ND	30
Benzylbutylphthalate	85-68-7	ND	30
3,3'-dichlorobenzidine	91-94-1	ND	1000
Benzo(a)anthracene	56-55-3	ND	30
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	300

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: MW-18 3189

Client: ANANIA GEOLOGIC ENGINEERING

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/16/89

Client Ref. No.: 8240/8270 SAMPLES

Lab Client Code: 0636

Sample Matrix: WATER

Lab No.: 8905156-10C

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
ACID COMPOUNDS			
Phenol	108-95-2	ND	1
2-chlorophenol	95-57-8	ND	1
2-methyl phenol	95-48-7	ND	1
4-methyl phenol	106-44-5	ND	1
2-nitrophenol	88-75-5	ND	1
2,4-dimethylphenol	105-67-9	ND	1
2,4-dichlorophenol	120-83-2	ND	1
4-chloro-3-methylphenol	59-50-7	ND	1
2,4,5-trichlorophenol	95-95-4	ND	1
2,4,6-trichlorophenol	88-06-2	ND	1
2,4-dinitrophenol	51-28-5	ND	5
4-nitrophenol	100-02-7	ND	5
2-methyl-4,6-dinitrophenol	534-52-1	ND	1
Pentachlorophenol	87-86-5	ND	1
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	5
Bis(2-chloroethyl)ether	111-44-4	ND	1
1,3-dichlorobenzene	541-73-7	ND	1
1,4-dichlorobenzene	106-46-7	ND	1
1,2-dichlorobenzene	95-50-1	ND	1
Bis-(2-chloroisopropyl)ether	108-60-1	ND	1
N-nitrosodi-n-propylamine	621-64-7	ND	1
Hexachloroethane	67-72-1	ND	1
Nitrobenzene	98-95-3	ND	1
Isophorone	78-59-1	ND	1
Bis-(2-chloroethoxy)methane	111-91-1	ND	1
1,2,4-trichlorobenzene	120-82-1	ND	1
Naphthalene	91-20-3	ND	1
Hexachlorobutadiene	87-68-3	ND	1
2-chloronaphthalene	91-58-7	ND	1
2-methyl naphthalene	91-57-6	ND	1

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: MW-18 3189

Client: ANANIA GEOLOGIC ENGINEERIN

Compound	CAS #	Concentration ug/L	Limit of Detecti ug/L
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	5
2-nitroaniline	88-74-4	ND	5
3-nitroaniline	99-09-2	ND	5
4-nitroaniline	100-01-6	ND	5
Hexachlorocyclopentadiene	77-47-4	ND	1
Dimethyl phthalate	131-11-3	ND	10
Acenaphthylene	208-96-8	ND	1
Acenaphthene	83-32-9	ND	1
2,4-dinitrotoluene	121-14-2	ND	1
2,6-dinitrotoluene	606-20-2	ND	1
Diethyl phthalate	84-66-2	ND	1
4-chlorophenylphenylether	7005-72-3	ND	1
Fluorene	86-73-7	ND	1
N-nitrosodiphenylamine	86-30-6	ND	1
4-bromophenylphenylether	101-55-3	ND	1
Hexachlorobenzene	118-74-1	ND	1
Phenanthrene	85-01-8	ND	1
Anthracene	120-12-7	ND	1
Di-n-butylphthalate	84-74-2	ND	1
Fluoranthene	206-44-2	ND	1
Benzidine	92-87-5	ND	30
Pyrene	129-00-0	ND	1
Benzylbutylphthalate	85-68-7	17	1
3,3'-dichlorobenzidine	91-94-1	ND	40
Benzo(a)anthracene	56-55-3	ND	1
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	10

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES

Sample I.D.: Method Blank

Sample Received: 05/12/89
Sample Extracted: 05/13/89
Sample Analyzed: 05/16/89

Sample Matrix: WATER

Client: ANANIA GEOLOGIC ENGINEE

Client Ref. No.: 8240/8270 SAMP

Lab Client Code: 0636

Lab No.: 8905156-12A

Compound	CAS #	Concentration ug/L	Limit of Dete ug/L
ACID COMPOUNDS			
Phenol	108-95-2	ND	1
2-chlorophenol	95-57-8	ND	1
2-methyl phenol	95-48-7	ND	1
4-methyl phenol	106-44-5	ND	1
2-nitrophenol	88-75-5	ND	1
2,4-dimethylphenol	105-67-9	ND	1
2,4-dichlorophenol	120-83-2	ND	1
4-chloro-3-methylphenol	59-50-7	ND	1
2,4,5-trichlorophenol	95-95-4	ND	1
2,4,6-trichlorophenol	88-06-2	ND	1
2,4-dinitrophenol	51-28-5	ND	5
4-nitrophenol	100-02-7	ND	5
2-methyl-4,6-dinitrophenol	534-52-1	ND	1
Pentachlorophenol	87-86-5	ND	1
BASE/NEUTRAL COMPOUNDS			
N-nitrosodimethylamine	62-75-9	ND	5
Bis(2-chloroethyl)ether	111-44-4	ND	1
1,3-dichlorobenzene	541-73-7	ND	1
1,4-dichlorobenzene	106-46-7	ND	1
1,2-dichlorobenzene	95-50-1	ND	1
Bis-(2-chloroisopropyl)ether	108-60-1	ND	1
N-nitrosodi-n-propylamine	621-64-7	ND	1
Hexachloroethane	67-72-1	ND	1
Nitrobenzene	98-95-3	ND	1
Isophorone	78-59-1	ND	1
Bis-(2-chloroethoxy)methane	111-91-1	ND	1
1,2,4-trichlorobenzene	120-82-1	ND	1
Naphthalene	91-20-3	ND	1
Hexachlorobutadiene	87-68-3	ND	1
2-chloronaphthalene	91-58-7	ND	1
2-methyl naphthalene	91-57-6	ND	1

ND = Not detected at or above limit of detection

EPA METHOD 8270
ACID & BASE/NEUTRAL EXTRACTABLES
(Cont'd)

Sample I.D.: Method Blank

Client: ANANIA GEOLOGIC ENGINEERING

Compound	CAS #	Concentration ug/L	Limit of Detection ug/L
BASE/NEUTRAL COMPOUNDS			
4-chloroaniline	106-47-8	ND	5
2-nitroaniline	88-74-4	ND	5
3-nitroaniline	99-09-2	ND	5
4-nitroaniline	100-01-6	ND	5
Hexachlorocyclopentadiene	77-47-4	ND	1
Dimethyl phthalate	131-11-3	ND	10
Acenaphthylene	208-96-8	ND	1
Acenaphthene	83-32-9	ND	1
2,4-dinitrotoluene	121-14-2	ND	1
2,6-dinitrotoluene	606-20-2	ND	1
Diethyl phthalate	84-66-2	ND	1
4-chlorophenylphenylether	7005-72-3	ND	1
Fluorene	86-73-7	ND	1
N-nitrosodiphenylamine	86-30-6	ND	1
4-bromophenylphenylether	101-55-3	ND	1
Hexachlorobenzene	118-74-1	ND	1
Phenanthrene	85-01-8	ND	1
Anthracene	120-12-7	ND	1
Di-n-butylphthalate	84-74-2	ND	1
Fluoranthene	206-44-2	ND	1
Benzidine	92-87-5	ND	30
Pyrene	129-00-0	ND	1
Benzylbutylphthalate	85-68-7	ND	1
3,3'-dichlorobenzidine	91-94-1	ND	40
Benzo(a)anthracene	56-55-3	ND	1
Bis-(2-ethylhexyl)phthalate	117-81-7	ND	10

ND = Not detected at or above limit of detection

CHAIN OF CUSTODY RECORD

8905159

PROJ. NO. | SAMPLERS: (Signature) Mary Scruggs

PROJECT NAME AND ADDRESS:
Anania Geologic Engineering
11330 Sunrise Park Dr #C
Rancho Cordova, Ca - (916) 631-0154

Rush
Verbals by Tuesday

CROSS REFERENCE NUMBER	DATE	TIME	SOIL	WATER	STATION LOCATION	TOTAL PETROLEUM HYDROCARBONS	BTX	VOC-EPA 8240	TOTAL OIL & GREASE	8240	8270	REMARKS
01A	5/11/89		X		MW-17 4105 5'							1xBC
02	"	"	X		MW-17 4107 10'							
03	"	"	X		MW-17 4109 15'							
04	"	"	X		MW-17 4111 20'							
05	"	"	X		MW-18 4113 5'							
06	"	"	X		MW-18 4115 10'							
07	"	"	X		MW-18 4117 15'							
08	"	"	X		MW-18 4119 20'							
09	"	"	X		MW-19 4121 5'							
10A,B,C	5/12/89			*	MW-18 3189				↓	↓		2x40ml, 1x1L (EC*)

RELINQUISHED BY: (Signature) Siddhu — DATE 5/12/89 TIME 1:0 — RECEIVED BY: (Signature) — DATE — TIME

RELINQUISHED BY: (Signature) — DATE — TIME — RECEIVED BY: (Signature) — DATE — TIME

RELINQUISHED BY: (Signature) — DATE — TIME — RECEIVED BY: (Signature) — DATE — TIME

RELINQUISHED BY: (Signature) — DATE — TIME — RECEIVED FOR LABORATORY BY: (Signature) Stacy B Gulley — DATE 5/12/89 TIME 2:45 PM