



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-001
Client Sample ID: T2/YAA-10-(0-6")

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.6	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	1.22	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	56.2	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	5.5	meq/l		0.1		SW6010B	11/08/03 02:52 / jdh
Magnesium, Saturated Paste	3.9	meq/l		0.1		SW6010B	11/08/03 02:52 / jdh
Sodium, Saturated Paste	3.7	meq/l		0.1		SW6010B	11/08/03 02:52 / jdh
Sodium Adsorption Ratio (SAR)	1.7	unitless		0.1		Calculation	12/08/03 13:35 / jdh
Alkalinity, Saturated Paste	5.4	meq/L		1.0		ASA10-3	11/25/03 00:00 / jdh
Nitrate as N, Saturated Paste	1.0	mg/L		0.1		ASA10-3	11/07/03 08:00 / cwh
Sulfate, Saturated Paste	6.1	meq/L		0.2		ASA10-3	11/18/03 12:12 / jdh
PHYSICAL CHARACTERISTICS							
Sand	18	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Silt	52	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Clay	30	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Texture	SICL	unitless				ASA15-5	12/08/03 13:35 / jdh
CHEMICAL CHARACTERISTICS							
Fluoride	ND	mg/kg		1.0		A4500-F C	11/19/03 14:45 / ddb
Potassium, NH4OAc Extractable	187	mg/kg		1		AAA13-3	01/15/04 00:00 / jdh
Organic Matter	2.60	wt%		0.02		ASA29-3	12/08/03 13:35 / jdh
Cation Exchange Capacity	39.3	meq/100g		0.1		SW6010B	11/11/03 08:12 / jdh
Exchangeable Sodium Percentage	2.0	%		0.1		USDA20b	12/08/03 13:35 / jdh
Lime as CaCO3	6.7	wt%		0.1		USDA23c	10/31/03 00:00 / jms
Phosphorus	9.7	mg/kg		0.1		ASA24-5	11/18/03 08:47 / jdh
METALS, AMMONIUM ACETATE EXTRACTABLE							
Sodium, Extractable	1.0	meq/100g		0.1		SW6010B	11/24/03 02:21 / jdh
METALS, HOT WATER EXTRACTABLE							
Barium	ND	mg/kg		5		SW6010B	11/25/03 15:16 / rh
Boron	ND	mg/kg		1		SW6010B	11/25/03 15:16 / rh
Selenium	ND	mg/kg		0.05		SW6020	11/20/03 13:15 / car
METALS, DTPA EXTRACTABLE							
Zinc	0.31	mg/kg		0.02		SW6010B	11/14/03 06:19 / jdh

Report Definitions: RL - Analyte reporting limit.
 QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-002
Client Sample ID: T2/YAA-10-(6-12")

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.7	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	1.10	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	49.4	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	4.1	meq/l		0.1		SW6010B	11/08/03 03:00 / jdh
Magnesium, Saturated Paste	3.3	meq/l		0.1		SW6010B	11/08/03 03:00 / jdh
Sodium, Saturated Paste	4.0	meq/l		0.1		SW6010B	11/08/03 03:00 / jdh
Sodium Adsorption Ratio (SAR)	2.1	unitless		0.1		Calculation	12/08/03 13:35 / jdh
Alkalinity, Saturated Paste	4.8	meq/L		1.0		ASA10-3	11/25/03 00:00 / jdh
Nitrate as N, Saturated Paste	1.0	mg/L		0.1		ASA10-3	11/07/03 08:00 / cwh
Sulfate, Saturated Paste	5.2	meq/L		0.2		ASA10-3	11/18/03 12:15 / jdh
PHYSICAL CHARACTERISTICS							
Sand	28	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Silt	50	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Clay	22	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Texture	SiL	unitless				ASA15-5	12/08/03 13:35 / jdh
CHEMICAL CHARACTERISTICS							
Cation Exchange Capacity	30.9	meq/100g		0.1		SW6010B	11/11/03 08:15 / jdh
Exchangeable Sodium Percentage	3.0	%		0.1		USDA20b	12/08/03 13:35 / jdh
Lime as CaCO3	7.0	wt%		0.1		USDA23c	10/31/03 00:00 / jms
METALS, AMMONIUM ACETATE EXTRACTABLE							
Sodium, Extractable	1.1	meq/100g		0.1		SW6010B	11/24/03 02:24 / jdh

Report Definitions: RL - Analyte reporting limit.
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LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-003
Client Sample ID: T2/YAA-10-(12-24")

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.7	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	1.53	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	55.4	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	5.1	meq/l		0.1		SW6010B	11/08/03 03:02 / jdh
Magnesium, Saturated Paste	4.7	meq/l		0.1		SW6010B	11/08/03 03:02 / jdh
Sodium, Saturated Paste	6.4	meq/l		0.1		SW6010B	11/08/03 03:02 / jdh
Sodium Adsorption Ratio (SAR)	2.9	unitless		0.1		Calculation	12/08/03 13:35 / jdh
Alkalinity, Saturated Paste	4.2	meq/L		1.0		ASA10-3	11/25/03 00:00 / jdh
Nitrate as N, Saturated Paste	1.0	mg/L		0.1		ASA10-3	11/07/03 08:00 / cwh
Sulfate, Saturated Paste	9.9	meq/L		0.2		ASA10-3	11/18/03 12:24 / jdh
PHYSICAL CHARACTERISTICS							
Sand	34	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Silt	45	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Clay	21	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Texture	L	unitless				ASA15-5	12/08/03 13:35 / jdh
CHEMICAL CHARACTERISTICS							
Cation Exchange Capacity	38.9	meq/100g		0.1		SW6010B	11/11/03 08:18 / jdh
Exchangeable Sodium Percentage	3.6	%		0.1		USDA20b	12/08/03 13:35 / jdh
Lime as CaCO3	6.7	wt%		0.1		USDA23c	10/31/03 00:00 / jms
METALS, AMMONIUM ACETATE EXTRACTABLE							
Sodium, Extractable	1.8	meq/100g		0.1		SW6010B	11/24/03 02:26 / jdh

Report Definitions: RL - Analyte reporting limit.
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 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-004
Client Sample ID: T2/YAA-10-(24-36")

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.7	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	2.15	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	51.7	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	5.5	meq/l		0.1		SW6010B	11/08/03 03:05 / jdh
Magnesium, Saturated Paste	4.7	meq/l		0.1		SW6010B	11/08/03 03:05 / jdh
Sodium, Saturated Paste	11.0	meq/l		0.1		SW6010B	11/08/03 03:05 / jdh
Sodium Adsorption Ratio (SAR)	4.9	unitless		0.1		Calculation	12/08/03 13:35 / jdh
Alkalinity, Saturated Paste	4.2	meq/L		1.0		ASA10-3	11/25/03 00:00 / jdh
PHYSICAL CHARACTERISTICS							
Sand	14	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Silt	55	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Clay	31	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Texture	SiCL	unitless				ASA15-5	12/08/03 13:35 / jdh
CHEMICAL CHARACTERISTICS							
Cation Exchange Capacity	32.9	meq/100g		0.1		SW6010B	11/11/03 08:20 / jdh
Exchangeable Sodium Percentage	5.7	%		0.1		USDA20b	12/08/03 13:35 / jdh
Lime as CaCO3	7.3	wt%		0.1		USDA23c	10/31/03 00:00 / jms
METALS, AMMONIUM ACETATE EXTRACTABLE							
Sodium, Extractable	2.4	meq/100g		0.1		SW6010B	11/24/03 02:29 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-005
Client Sample ID: T2/YAA-10-(36-60")

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.9	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	2.73	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	50.7	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	6.0	meq/l		0.1		SW6010B	11/08/03 03:08 / jdh
Magnesium, Saturated Paste	5.1	meq/l		0.1		SW6010B	11/08/03 03:08 / jdh
Sodium, Saturated Paste	15.9	meq/l		0.1		SW6010B	11/08/03 03:08 / jdh
Sodium Adsorption Ratio (SAR)	6.8	unitless		0.1		Calculation	12/08/03 13:35 / jdh
Alkalinity, Saturated Paste	4.0	meq/L		1.0		ASA10-3	11/25/03 00:00 / jdh
PHYSICAL CHARACTERISTICS							
Sand	26	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Silt	48	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Clay	26	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Texture	L	unitless				ASA15-5	12/08/03 13:35 / jdh
CHEMICAL CHARACTERISTICS							
Fluoride	1.0	mg/kg		1.0		A4500-F C	11/19/03 14:45 / ddb
Cation Exchange Capacity	30.3	meq/100g		0.1		SW6010B	11/11/03 08:28 / jdh
Exchangeable Sodium Percentage	6.2	%		0.1		USDA20b	12/08/03 13:35 / jdh
Lime as CaCO3	7.5	wt%		0.1		USDA23c	10/31/03 00:00 / jms
METALS, AMMONIUM ACETATE EXTRACTABLE							
Sodium, Extractable	2.7	meq/100g		0.1		SW6010B	11/24/03 02:31 / jdh
METALS, HOT WATER EXTRACTABLE							
Barium	ND	mg/kg		5		SW6010B	11/25/03 15:20 / rth
Boron	ND	mg/kg		1		SW6010B	11/25/03 15:20 / rth
Selenium	ND	mg/kg		0.05		SW6020	11/20/03 13:20 / car

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-006
Client Sample ID: T2/YAA-10-(60-96")

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.8	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	4.83	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	52.5	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	13.0	meq/l		0.1		SW6010B	11/08/03 03:10 / jdh
Magnesium, Saturated Paste	9.9	meq/l		0.1		SW6010B	11/08/03 03:10 / jdh
Sodium, Saturated Paste	29.3	meq/l		0.1		SW6010B	11/08/03 03:10 / jdh
Sodium Adsorption Ratio (SAR)	8.7	unitless		0.1		Calculation	12/08/03 13:35 / jdh
Alkalinity, Saturated Paste	3.6	meq/L		1.0		ASA10-3	11/25/03 00:00 / jdh
PHYSICAL CHARACTERISTICS							
Sand	29	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Silt	45	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Clay	26	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Texture	L	unitless				ASA15-5	12/08/03 13:35 / jdh
CHEMICAL CHARACTERISTICS							
Cation Exchange Capacity	28.8	meq/100g		0.1		SW6010B	11/11/03 08:33 / jdh
Exchangeable Sodium Percentage	5.5	%		0.1		USDA20b	12/08/03 13:35 / jdh
Lime as CaCO3	7.5	wt%		0.1		USDA23c	10/31/03 00:00 / jms
METALS, AMMONIUM ACETATE EXTRACTABLE							
Sodium, Extractable	3.1	meq/100g		0.1		SW6010B	11/24/03 02:34 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-007
Client Sample ID: T2/YAA-10-(0-2")

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.6	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	1.00	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	53.9	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	4.8	meq/l		0.1		SW6010B	11/08/03 03:13 / jdh
Magnesium, Saturated Paste	3.2	meq/l		0.1		SW6010B	11/08/03 03:13 / jdh
Sodium, Saturated Paste	2.6	meq/l		0.1		SW6010B	11/08/03 03:13 / jdh
Sodium Adsorption Ratio (SAR)	1.3	unitless		0.1		Calculation	12/08/03 13:35 / jdh
Alkalinity, Saturated Paste	7.0	meq/L		1.0		ASA10-3	11/25/03 00:00 / jdh
PHYSICAL CHARACTERISTICS							
Sand	28	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Silt	40	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Clay	32	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Texture	CL	unitless				ASA15-5	12/08/03 13:35 / jdh
CHEMICAL CHARACTERISTICS							
Cation Exchange Capacity	35.8	meq/100g		0.1		SW6010B	11/11/03 08:36 / jdh
Exchangeable Sodium Percentage	2.0	%		0.1		USDA20b	12/08/03 13:35 / jdh
Lime as CaCO3	6.6	wt%		0.1		USDA23c	10/31/03 00:00 / jms
METALS, AMMONIUM ACETATE EXTRACTABLE							
Sodium, Extractable	0.9	meq/100g		0.1		SW6010B	11/24/03 02:37 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
 Project: Tongue River Monitoring
 Lab ID: H03100107-011
 Client Sample ID: T2/YAA-1-(0-6)

Report Date: 02/03/04
 Collection Date: 10/14/03 17:00
 Date Received: 10/16/03
 Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.8	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	1.06	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	40.9	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	3.8	meq/l		0.1		SW6010B	11/11/03 09:02 / jdh
Magnesium, Saturated Paste	2.9	meq/l		0.1		SW6010B	11/11/03 09:02 / jdh
Sodium, Saturated Paste	4.5	meq/l		0.1		SW6010B	11/11/03 09:02 / jdh
Sodium Adsorption Ratio (SAR)	2.4	unitless		0.1		Calculation	12/08/03 13:35 / jdh
Alkalinity, Saturated Paste	6.6	meq/L		1.0		ASA10-3	11/25/03 00:00 / jdh
Nitrate as N, Saturated Paste	0.5	mg/L		0.1		ASA10-3	12/08/03 15:46 / cwh
Sulfate, Saturated Paste	3.8	meq/L		0.2		ASA10-3	11/18/03 12:30 / jdh
PHYSICAL CHARACTERISTICS							
Sand	28	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Silt	48	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Clay	24	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Texture	L	unitless				ASA15-5	12/08/03 13:35 / jdh
CHEMICAL CHARACTERISTICS							
Potassium, NH4OAc Extractable	149	mg/kg		1		AAA13-3	01/15/04 00:00 / jdh
Organic Matter	2.70	wt%		0.02		ASA29-3	12/08/03 13:35 / jdh
Cation Exchange Capacity	33.0	meq/100g		0.1		SW6010B	11/11/03 08:41 / jdh
Exchangeable Sodium Percentage	2.9	%		0.1		USDA20b	12/08/03 13:35 / jdh
Lime as CaCO3	6.5	wt%		0.1		USDA23c	10/31/03 00:00 / jms
Phosphorus	1.2	mg/kg		0.1		ASA24-5	11/18/03 08:56 / jdh
METALS, AMMONIUM ACETATE EXTRACTABLE							
Sodium, Extractable	1.2	meq/100g		0.1		SW6010B	11/24/03 02:42 / jdh
METALS, DTPA EXTRACTABLE							
Zinc	0.39	mg/kg		0.02		SW6010B	11/14/03 06:22 / jdh
CLAY MINEROLOGY							
Smectite	62	%		1		XrayDiffraction	11/07/03 00:00 / wjj
Illite	11	%		1		XrayDiffraction	11/07/03 00:00 / wjj
Kaolinite	25	%		1		XrayDiffraction	11/07/03 00:00 / wjj
Chlorite	2	%		1		XrayDiffraction	11/07/03 00:00 / wjj

Report RL - Analyte reporting limit.
 Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-012
Client Sample ID: T2/YAA-1-(6-12)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.8	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	0.92	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	40.2	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	3.0	meq/l		0.1		SW6010B	11/11/03 09:05 / jdh
Magnesium, Saturated Paste	2.5	meq/l		0.1		SW6010B	11/11/03 09:05 / jdh
Sodium, Saturated Paste	3.6	meq/l		0.1		SW6010B	11/11/03 09:05 / jdh
Sodium Adsorption Ratio (SAR)	2.2	unitless		0.1		Calculation	12/08/03 13:35 / jdh
Alkalinity, Saturated Paste	4.8	meq/L		1.0		ASA10-3	11/25/03 00:00 / jdh
Nitrate as N, Saturated Paste	1.0	mg/L		0.1		ASA10-3	12/08/03 15:48 / cwh
Sulfate, Saturated Paste	4.0	meq/L		0.2		ASA10-3	11/18/03 12:33 / jdh
PHYSICAL CHARACTERISTICS							
Sand	26	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Silt	52	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Clay	22	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Texture	SiL	unitless				ASA15-5	12/08/03 13:35 / jdh
CHEMICAL CHARACTERISTICS							
Cation Exchange Capacity	30.4	meq/100g		0.1		SW6010B	11/11/03 08:44 / jdh
Exchangeable Sodium Percentage	2.5	%		0.1		USDA20b	12/08/03 13:35 / jdh
Lime as CaCO3	6.5	wt%		0.1		USDA23c	10/31/03 00:00 / jms
CLAY MINEROLOGY							
Smectite	51	%		1		XrayDiffraction	11/07/03 00:00 / wjj
Illite	20	%		1		XrayDiffraction	11/07/03 00:00 / wjj
Kaolinite	24	%		1		XrayDiffraction	11/07/03 00:00 / wjj
Chlorite	5	%		1		XrayDiffraction	11/07/03 00:00 / wjj

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-013
Client Sample ID: T2/YAA-1-(15-34)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	8.0	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	1.57	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	41.2	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	4.5	meq/l		0.1		SW6010B	11/11/03 09:08 / jdh
Magnesium, Saturated Paste	6.1	meq/l		0.1		SW6010B	11/11/03 09:08 / jdh
Sodium, Saturated Paste	5.3	meq/l		0.1		SW6010B	11/11/03 09:08 / jdh
Sodium Adsorption Ratio (SAR)	2.3	unitless		0.1		Calculation	12/08/03 13:35 / jdh
Alkalinity, Saturated Paste	4.2	meq/L		1.0		ASA10-3	11/25/03 00:00 / jdh
PHYSICAL CHARACTERISTICS							
Sand	24	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Silt	53	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Clay	23	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Texture	SiL	unitless				ASA15-5	12/08/03 13:35 / jdh
CHEMICAL CHARACTERISTICS							
Cation Exchange Capacity	30.7	meq/100g		0.1		SW6010B	11/11/03 08:47 / jdh
Exchangeable Sodium Percentage	3.2	%		0.1		USDA20b	12/08/03 13:35 / jdh
Lime as CaCO3	6.6	wt%		0.1		USDA23c	10/31/03 00:00 / jms
METALS, AMMONIUM ACETATE EXTRACTABLE							
Sodium, Extractable	1.2	meq/100g		0.1		SW6010B	11/24/03 02:53 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-014
Client Sample ID: T2/YAA-1-(34-47)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	8.1	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	2.07	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	32.9	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	2.4	meq/l		0.1		SW6010B	11/11/03 09:10 / jdh
Magnesium, Saturated Paste	3.9	meq/l		0.1		SW6010B	11/11/03 09:10 / jdh
Sodium, Saturated Paste	13.4	meq/l		0.1		SW6010B	11/11/03 09:10 / jdh
Sodium Adsorption Ratio (SAR)	7.5	unitless		0.1		Calculation	12/08/03 13:35 / jdh
Alkalinity, Saturated Paste	5.8	meq/L		1.0		ASA10-3	11/25/03 00:00 / jdh
PHYSICAL CHARACTERISTICS							
Sand	44	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Silt	38	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Clay	18	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Texture	L	unitless				ASA15-5	12/08/03 13:35 / jdh
CHEMICAL CHARACTERISTICS							
Cation Exchange Capacity	26.2	meq/100g		0.1		SW6010B	11/11/03 08:49 / jdh
Exchangeable Sodium Percentage	6.2	%		0.1		USDA20b	12/08/03 13:35 / jdh
Lime as CaCO3	7.6	wt%		0.1		USDA23c	10/31/03 00:00 / jms
METALS, AMMONIUM ACETATE EXTRACTABLE							
Sodium, Extractable	2.1	meq/100g		0.1		SW6010B	11/24/03 02:55 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-015
Client Sample ID: T2/YAA-1-(47-60)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	8.1	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	3.65	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	63.2	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	4.0	meq/l		0.1		SW6010B	11/11/03 09:13 / jdh
Magnesium, Saturated Paste	5.2	meq/l		0.1		SW6010B	11/11/03 09:13 / jdh
Sodium, Saturated Paste	28.3	meq/l		0.1		SW6010B	11/11/03 09:13 / jdh
Sodium Adsorption Ratio (SAR)	13	unitless		0.1		Calculation	12/08/03 13:35 / jdh
Alkalinity, Saturated Paste	4.2	meq/L		1.0		ASA10-3	11/25/03 00:00 / jdh
PHYSICAL CHARACTERISTICS							
Sand	8.0	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Silt	48	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Clay	44	wt%		1.0		ASA15-5	12/08/03 13:35 / jdh
Texture	SiC	unitless				ASA15-5	12/08/03 13:35 / jdh
CHEMICAL CHARACTERISTICS							
Cation Exchange Capacity	35.6	meq/100g		0.1		SW6010B	11/11/03 08:52 / jdh
Exchangeable Sodium Percentage	9.6	%		0.1		USDA20b	12/08/03 13:35 / jdh
Lime as CaCO3	4.7	wt%		0.1		USDA23c	10/31/03 00:00 / jms
METALS, AMMONIUM ACETATE EXTRACTABLE							
Sodium, Extractable	5.2	meq/100g		0.1		SW6010B	11/24/03 02:58 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-019
Client Sample ID: T2/YAA-11-(0-6)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.8	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	0.73	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	40.6	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	2.6	meq/l		0.1		SW6010B	11/11/03 09:16 / jdh
Magnesium, Saturated Paste	2.0	meq/l		0.1		SW6010B	11/11/03 09:16 / jdh
Sodium, Saturated Paste	3.3	meq/l		0.1		SW6010B	11/11/03 09:16 / jdh
Sodium Adsorption Ratio (SAR)	2.2	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-020
Client Sample ID: T2/YAA-11-(6-12)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.9	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	1.08	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	38.2	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	3.3	meq/l		0.1		SW6010B	11/11/03 09:18 / jdh
Magnesium, Saturated Paste	3.2	meq/l		0.1		SW6010B	11/11/03 09:18 / jdh
Sodium, Saturated Paste	4.5	meq/l		0.1		SW6010B	11/11/03 09:18 / jdh
Sodium Adsorption Ratio (SAR)	2.5	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-021
Client Sample ID: T2/YAA-11-(12-24)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.9	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	1.33	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	48.2	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	3.5	meq/l		0.1		SW6010B	11/11/03 09:23 / jdh
Magnesium, Saturated Paste	4.3	meq/l		0.1		SW6010B	11/11/03 09:23 / jdh
Sodium, Saturated Paste	5.7	meq/l		0.1		SW6010B	11/11/03 09:23 / jdh
Sodium Adsorption Ratio (SAR)	2.9	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-022
Client Sample ID: T2/YAA-12-(0-6)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.9	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	1.18	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	41.2	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	3.9	meq/l		0.1		SW6010B	11/11/03 09:29 / jdh
Magnesium, Saturated Paste	3.0	meq/l		0.1		SW6010B	11/11/03 09:29 / jdh
Sodium, Saturated Paste	4.7	meq/l		0.1		SW6010B	11/11/03 09:29 / jdh
Sodium Adsorption Ratio (SAR)	2.5	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-023
Client Sample ID: T2/YAA-12-(6-12")

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.9	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	1.05	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	33.7	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	3.4	meq/l		0.1		SW6010B	11/11/03 09:37 / jdh
Magnesium, Saturated Paste	3.2	meq/l		0.1		SW6010B	11/11/03 09:37 / jdh
Sodium, Saturated Paste	4.5	meq/l		0.1		SW6010B	11/11/03 09:37 / jdh
Sodium Adsorption Ratio (SAR)	2.5	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-024
Client Sample ID: T2/YAA-12-(12-24)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.9	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	1.63	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	43.7	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	4.0	meq/l		0.1		SW6010B	11/11/03 09:39 / jdh
Magnesium, Saturated Paste	5.6	meq/l		0.1		SW6010B	11/11/03 09:39 / jdh
Sodium, Saturated Paste	6.8	meq/l		0.1		SW6010B	11/11/03 09:39 / jdh
Sodium Adsorption Ratio (SAR)	3.1	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-025
Client Sample ID: T2/YAA-13-(0-6)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.7	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	0.90	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	43.7	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	3.8	meq/l		0.1		SW6010B	11/11/03 09:42 / jdh
Magnesium, Saturated Paste	2.7	meq/l		0.1		SW6010B	11/11/03 09:42 / jdh
Sodium, Saturated Paste	2.7	meq/l		0.1		SW6010B	11/11/03 09:42 / jdh
Sodium Adsorption Ratio (SAR)	1.5	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-026
Client Sample ID: T2/YAA-13-(6-12)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.7	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	0.79	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	38.8	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	3.3	meq/l		0.1		SW6010B	11/11/03 09:45 / jdh
Magnesium, Saturated Paste	2.3	meq/l		0.1		SW6010B	11/11/03 09:45 / jdh
Sodium, Saturated Paste	2.6	meq/l		0.1		SW6010B	11/11/03 09:45 / jdh
Sodium Adsorption Ratio (SAR)	1.6	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-027
Client Sample ID: T2/YAA-13-(12-24)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.8	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	0.89	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	33.9	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	3.0	meq/l		0.1		SW6010B	11/11/03 09:47 / jdh
Magnesium, Saturated Paste	2.6	meq/l		0.1		SW6010B	11/11/03 09:47 / jdh
Sodium, Saturated Paste	3.2	meq/l		0.1		SW6010B	11/11/03 09:47 / jdh
Sodium Adsorption Ratio (SAR)	1.9	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-028
Client Sample ID: T2/YAA-14-(0-6)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.7	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	0.93	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	40.8	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	3.4	meq/l		0.1		SW6010B	11/11/03 09:50 / jdh
Magnesium, Saturated Paste	2.3	meq/l		0.1		SW6010B	11/11/03 09:50 / jdh
Sodium, Saturated Paste	3.6	meq/l		0.1		SW6010B	11/11/03 09:50 / jdh
Sodium Adsorption Ratio (SAR)	2.1	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-029
Client Sample ID: T2/YAA-14-(6-12)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.8	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	0.89	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	39.9	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	3.4	meq/l		0.1		SW6010B	11/11/03 09:52 / jdh
Magnesium, Saturated Paste	2.6	meq/l		0.1		SW6010B	11/11/03 09:52 / jdh
Sodium, Saturated Paste	3.4	meq/l		0.1		SW6010B	11/11/03 09:52 / jdh
Sodium Adsorption Ratio (SAR)	2.0	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-030
Client Sample ID: T2/YAA-14-(12-24)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.8	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	1.21	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	42.8	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	3.4	meq/l		0.1		SW6010B	11/11/03 09:55 / jdh
Magnesium, Saturated Paste	3.4	meq/l		0.1		SW6010B	11/11/03 09:55 / jdh
Sodium, Saturated Paste	5.6	meq/l		0.1		SW6010B	11/11/03 09:55 / jdh
Sodium Adsorption Ratio (SAR)	3.0	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-031
Client Sample ID: T2/YAA-15-(0-6)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.5	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	4.01	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	47.6	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	25.2	meq/l		0.1		SW6010B	11/11/03 10:00 / jdh
Magnesium, Saturated Paste	18.0	meq/l		0.1		SW6010B	11/11/03 10:00 / jdh
Sodium, Saturated Paste	10	meq/l		0.1		SW6010B	11/11/03 10:00 / jdh
Sodium Adsorption Ratio (SAR)	2.1	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-032
Client Sample ID: T2/YAA-15-(6-12)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.5	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	3.20	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	47.6	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	16.5	meq/l		0.1		SW6010B	11/11/03 10:03 / jdh
Magnesium, Saturated Paste	13.4	meq/l		0.1		SW6010B	11/11/03 10:03 / jdh
Sodium, Saturated Paste	8.9	meq/l		0.1		SW6010B	11/11/03 10:03 / jdh
Sodium Adsorption Ratio (SAR)	2.3	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-033
Client Sample ID: T2/YAA-15-(12-24)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.8	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	3.77	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	51.9	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	10.8	meq/l		0.1		SW6010B	11/11/03 10:11 / jdh
Magnesium, Saturated Paste	10.9	meq/l		0.1		SW6010B	11/11/03 10:11 / jdh
Sodium, Saturated Paste	20.7	meq/l		0.1		SW6010B	11/11/03 10:11 / jdh
Sodium Adsorption Ratio (SAR)	6.3	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-034
Client Sample ID: T2/YAA-16-(0-6)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.6	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	0.76	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	48.1	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	3.5	meq/l		0.1		SW6010B	11/11/03 10:14 / jdh
Magnesium, Saturated Paste	2.2	meq/l		0.1		SW6010B	11/11/03 10:14 / jdh
Sodium, Saturated Paste	2.6	meq/l		0.1		SW6010B	11/11/03 10:14 / jdh
Sodium Adsorption Ratio (SAR)	1.5	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-035
Client Sample ID: T2/YAA-16-(6-12)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.6	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	0.82	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	44.2	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	3.5	meq/l		0.1		SW6010B	11/11/03 10:16 / jdh
Magnesium, Saturated Paste	2.4	meq/l		0.1		SW6010B	11/11/03 10:16 / jdh
Sodium, Saturated Paste	3.0	meq/l		0.1		SW6010B	11/11/03 10:16 / jdh
Sodium Adsorption Ratio (SAR)	1.8	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-036
Client Sample ID: T2/YAA-16-(12-24)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.6	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	1.15	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	46.3	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	4.6	meq/l		0.1		SW6010B	11/11/03 10:19 / jdh
Magnesium, Saturated Paste	3.8	meq/l		0.1		SW6010B	11/11/03 10:19 / jdh
Sodium, Saturated Paste	3.8	meq/l		0.1		SW6010B	11/11/03 10:19 / jdh
Sodium Adsorption Ratio (SAR)	1.9	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-037
Client Sample ID: T2/YAA-17-(0-6)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.7	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	1.11	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	46.1	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	4.4	meq/l		0.1		SW6010B	11/17/03 10:14 / jdh
Magnesium, Saturated Paste	2.9	meq/l		0.1		SW6010B	11/17/03 10:14 / jdh
Sodium, Saturated Paste	4.3	meq/l		0.1		SW6010B	11/17/03 10:14 / jdh
Sodium Adsorption Ratio (SAR)	2.3	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-038
Client Sample ID: T2/YAA-17-(6-12)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.8	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	0.81	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	46.5	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	2.1	meq/l		0.1		SW6010B	11/17/03 10:16 / jdh
Magnesium, Saturated Paste	1.8	meq/l		0.1		SW6010B	11/17/03 10:16 / jdh
Sodium, Saturated Paste	3.4	meq/l		0.1		SW6010B	11/17/03 10:16 / jdh
Sodium Adsorption Ratio (SAR)	2.4	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-039
Client Sample ID: T2/YAA-17-(12-24)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.8	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	1.10	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	47.0	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	2.6	meq/l		0.1		SW6010B	11/17/03 10:19 / jdh
Magnesium, Saturated Paste	2.0	meq/l		0.1		SW6010B	11/17/03 10:19 / jdh
Sodium, Saturated Paste	5.4	meq/l		0.1		SW6010B	11/17/03 10:19 / jdh
Sodium Adsorption Ratio (SAR)	3.6	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-040
Client Sample ID: T2/YAA-18-(0-6)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.6	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	0.89	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	53.2	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	2.8	meq/l		0.1		SW6010B	11/17/03 10:22 / jdh
Magnesium, Saturated Paste	1.9	meq/l		0.1		SW6010B	11/17/03 10:22 / jdh
Sodium, Saturated Paste	2.9	meq/l		0.1		SW6010B	11/17/03 10:22 / jdh
Sodium Adsorption Ratio (SAR)	1.9	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-041
Client Sample ID: T2/YAA-18-(6-12)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.6	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	0.82	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	49.3	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	2.6	meq/l		0.1		SW6010B	11/17/03 10:27 / jdh
Magnesium, Saturated Paste	1.9	meq/l		0.1		SW6010B	11/17/03 10:27 / jdh
Sodium, Saturated Paste	2.6	meq/l		0.1		SW6010B	11/17/03 10:27 / jdh
Sodium Adsorption Ratio (SAR)	1.7	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-042
Client Sample ID: T2/YAA-18-(12-24)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.7	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	0.78	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	50.3	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	2.2	meq/l		0.1		SW6010B	11/17/03 10:29 / jdh
Magnesium, Saturated Paste	1.8	meq/l		0.1		SW6010B	11/17/03 10:29 / jdh
Sodium, Saturated Paste	2.6	meq/l		0.1		SW6010B	11/17/03 10:29 / jdh
Sodium Adsorption Ratio (SAR)	1.8	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-043
Client Sample ID: T2/YAA-19-(0-6)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.5	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	0.83	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	62.4	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	2.6	meq/l		0.1		SW6010B	11/17/03 10:32 / jdh
Magnesium, Saturated Paste	1.9	meq/l		0.1		SW6010B	11/17/03 10:32 / jdh
Sodium, Saturated Paste	2.7	meq/l		0.1		SW6010B	11/17/03 10:32 / jdh
Sodium Adsorption Ratio (SAR)	1.8	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-044
Client Sample ID: T2/YAA-19-(6-12)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.5	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	0.95	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	56.1	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	3.2	meq/l		0.1		SW6010B	11/17/03 10:35 / jdh
Magnesium, Saturated Paste	2.3	meq/l		0.1		SW6010B	11/17/03 10:35 / jdh
Sodium, Saturated Paste	3.2	meq/l		0.1		SW6010B	11/17/03 10:35 / jdh
Sodium Adsorption Ratio (SAR)	1.9	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-045
Client Sample ID: T2/YAA-19-(12-24)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.7	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	0.72	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	44.7	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	2.3	meq/l		0.1		SW6010B	11/17/03 10:37 / jdh
Magnesium, Saturated Paste	1.5	meq/l		0.1		SW6010B	11/17/03 10:37 / jdh
Sodium, Saturated Paste	2.6	meq/l		0.1		SW6010B	11/17/03 10:37 / jdh
Sodium Adsorption Ratio (SAR)	1.9	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-046
Client Sample ID: T2/YAA-20-(0-6)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.5	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	0.82	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	52.4	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	2.7	meq/l		0.1		SW6010B	11/17/03 10:42 / jdh
Magnesium, Saturated Paste	2.1	meq/l		0.1		SW6010B	11/17/03 10:42 / jdh
Sodium, Saturated Paste	2.3	meq/l		0.1		SW6010B	11/17/03 10:42 / jdh
Sodium Adsorption Ratio (SAR)	1.5	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-047
Client Sample ID: T2/YAA-20-(6-12)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.6	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	0.72	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	59.1	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	2.1	meq/l		0.1		SW6010B	11/17/03 10:45 / jdh
Magnesium, Saturated Paste	1.6	meq/l		0.1		SW6010B	11/17/03 10:45 / jdh
Sodium, Saturated Paste	2.2	meq/l		0.1		SW6010B	11/17/03 10:45 / jdh
Sodium Adsorption Ratio (SAR)	1.6	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: Tongue River Monitoring
Lab ID: H03100107-048
Client Sample ID: T2/YAA-20-(12-24)

Report Date: 02/03/04
Collection Date: 10/14/03 17:00
Date Received: 10/16/03
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, Saturated Paste	7.6	s.u.		0.1		ASAM10-3.2	12/08/03 13:35 / jdh
Conductivity, Paste Extract	0.67	mmhos/cm		0.01		ASAM10-3	12/08/03 13:35 / jdh
Saturation	60.0	wt%		0.1		USDA27a	12/08/03 13:35 / jdh
Calcium, Saturated Paste	1.9	meq/l		0.1		SW6010B	11/17/03 10:48 / jdh
Magnesium, Saturated Paste	1.4	meq/l		0.1		SW6010B	11/17/03 10:48 / jdh
Sodium, Saturated Paste	2.3	meq/l		0.1		SW6010B	11/17/03 10:48 / jdh
Sodium Adsorption Ratio (SAR)	1.8	unitless		0.1		Calculation	12/08/03 13:35 / jdh

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.