



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: AMPP Tier II
Lab ID: H05110025-001
Client Sample ID: T2/GA-10-(0-6")

Report Date: 11/30/05
Collection Date: 10/26/05 17:00
Date Received: 10/31/05
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, sat. paste	7.3	s.u.		0.1		ASAM10-3.2	11/15/05 15:23 / jjm
Conductivity, sat. paste	0.91	mmhos/cm		0.01		ASAM10-3	11/15/05 15:23 / jjm
Saturation	47.7	%		0.1		USDA27a	11/15/05 15:23 / jjm
Sodium Adsorption Ratio (SAR)	0.50	unitless		0.01		Calculation	11/15/05 15:23 / jjm
Bicarbonate, sat. paste	6.72	meq/L		0.02		ASA10-3	11/19/05 14:05 / jjm
Nitrate as N, sat. paste	0.5	mg/L		0.1		ASA10-3	11/16/05 12:36 / sld
SATURATED PASTE							
Calcium, sat. paste	5.23	meq/l		0.05		SW6010B	11/16/05 14:32 / rp
Magnesium, sat. paste	2.80	meq/l		0.08		SW6010B	11/16/05 14:32 / rp
Sodium, sat. paste	1.00	meq/l		0.04		SW6010B	11/16/05 14:32 / rp
Sulfate, sat. paste	0.81	meq/l		0.02		SW6010B	11/16/05 14:32 / rp
PHYSICAL CHARACTERISTICS							
Sand	34	%		1		ASA15-5	11/15/05 15:23 / jjm
Silt	45	%		1		ASA15-5	11/15/05 15:23 / jjm
Clay	21	%		1		ASA15-5	11/15/05 15:23 / jjm
Texture	L	unitless				ASA15-5	11/15/05 15:23 / jjm
CHEMICAL CHARACTERISTICS							
Fluoride	ND	mg/kg		1.0		A4500-F C	11/23/05 00:00 / jjm
Potassium, NH4OAc Extractable	196	mg/kg		1		ASA13-3	11/29/05 00:00 / jjm
Organic Matter	3.48	%		0.02		ASA29-3	11/15/05 12:10 / jjm
Cation Exchange Capacity	25.6	meq/100g		0.09		SW6010B	11/21/05 10:45 / jjm
Lime as CaCO3	6.1	%		0.1		USDA23c	11/17/05 00:00 / jjm
Phosphorus	11	mg/kg		0.8		ASA24-5	11/23/05 14:56 / rp
Nitrate + Nitrite as N, KCL Extract	10	mg/kg		1		ASA38-3	11/23/05 11:24 / sld
METALS, AMMONIUM ACETATE EXTRACTABLE							
Sodium, Extractable	0.55	meq/100g		0.04		SW6010B	11/17/05 11:50 / rp
EXCHANGEABLES							
Exchangeable Sodium	0.5	meq/100g		0.1		Calculation	11/15/05 15:23 / jjm
Exchangeable Sodium Percentage	2.0	%		0.1		USDA20a	11/15/05 15:23 / jjm
METALS, DTPA EXTRACTABLE							
Zinc	0.88	mg/kg		0.02		SW6010B	11/22/05 16:22 / rp
METALS, CACL2 EXTRACTABLE							
Barium	1.3	mg/kg		0.2		SW6010B	11/22/05 14:39 / rp
Boron	0.6	mg/kg		0.2		SW6010B	11/22/05 14:39 / rp

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

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



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Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
METALS, CACL2 EXTRACTABLE							
Selenium	ND	mg/kg		0.1		SW6010B	11/22/05 14:39 / rp

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



LABORATORY ANALYTICAL REPORT

Client: AMPP
 Project: AMPP Tier II
 Lab ID: H05110025-002
 Client Sample ID: T2/GA-10-(6-12")

Report Date: 11/30/05
 Collection Date: 10/26/05 17:00
 Date Received: 10/31/05
 Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, sat. paste	7.6	s.u.		0.1		ASAM10-3.2	11/15/05 15:23 / jjm
Conductivity, sat. paste	0.60	mmhos/cm		0.01		ASAM10-3	11/15/05 15:23 / jjm
Saturation	41.8	%		0.1		USDA27a	11/15/05 15:23 / jjm
Sodium Adsorption Ratio (SAR)	1.0	unitless		0.01		Calculation	11/15/05 15:23 / jjm
Bicarbonate, sat. paste	5.35	meq/L		0.02		ASA10-3	11/19/05 14:05 / jjm
Nitrate as N, sat. paste	0.7	mg/L		0.1		ASA10-3	11/16/05 11:46 / sld
SATURATED PASTE							
Calcium, sat. paste	3.57	meq/l		0.05		SW6010B	11/16/05 14:35 / rp
Magnesium, sat. paste	1.98	meq/l		0.08		SW6010B	11/16/05 14:35 / rp
Sodium, sat. paste	1.66	meq/l		0.04		SW6010B	11/16/05 14:35 / rp
Sulfate, sat. paste	1.28	meq/L		0.02		SW6010B	11/16/05 14:35 / rp
PHYSICAL CHARACTERISTICS							
Sand	31	%		1		ASA15-5	11/15/05 15:23 / jjm
Silt	48	%		1		ASA15-5	11/15/05 15:23 / jjm
Clay	21	%		1		ASA15-5	11/15/05 15:23 / jjm
Texture	L	unitless				ASA15-5	11/15/05 15:23 / jjm
CHEMICAL CHARACTERISTICS							
Cation Exchange Capacity	24.8	meq/100g		0.09		SW6010B	11/21/05 10:48 / jjm
Lime as CaCO3	6.6	%		0.1		USDA23c	11/17/05 00:00 / jjm
Nitrate + Nitrite as N, KCL Extract	7	mg/kg		1		ASA38-3	11/23/05 11:26 / sld
METALS, AMMONIUM ACETATE EXTRACTABLE							
Sodium, Extractable	0.53	meq/100g		0.04		SW6010B	11/17/05 11:53 / rp
EXCHANGEABLES							
Exchangeable Sodium	0.5	meq/100g		0.1		Calculation	11/15/05 15:23 / jjm
Exchangeable Sodium Percentage	1.9	%		0.1		USDA20a	11/15/05 15:23 / jjm

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LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: AMPP Tier II
Lab ID: H05110025-003
Client Sample ID: T2/GA-10-(12-24")

Report Date: 11/30/05
Collection Date: 10/26/05 17:00
Date Received: 10/31/05
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, sat. paste	7.8	s.u.		0.1		ASAM10-3.2	11/15/05 15:23 / jjm
Conductivity, sat. paste	1.44	mmhos/cm		0.01		ASAM10-3	11/15/05 15:23 / jjm
Saturation	45.9	%		0.1		USDA27a	11/15/05 15:23 / jjm
Sodium Adsorption Ratio (SAR)	2.7	unitless		0.01		Calculation	11/15/05 15:23 / jjm
Bicarbonate, sat. paste	4.34	meq/L		0.02		ASA10-3	11/19/05 14:05 / jjm
Nitrate as N, sat. paste	0.9	mg/L		0.1		ASA10-3	11/16/05 11:48 / sld
SATURATED PASTE							
Calcium, sat. paste	4.10	meq/l		0.05		SW6010B	11/16/05 14:38 / rp
Magnesium, sat. paste	4.00	meq/l		0.08		SW6010B	11/16/05 14:38 / rp
Sodium, sat. paste	5.52	meq/l		0.04		SW6010B	11/16/05 14:38 / rp
Sulfate, sat. paste	9.54	meq/L		0.02		SW6010B	11/16/05 14:38 / rp
PHYSICAL CHARACTERISTICS							
Sand	30	%		1		ASA15-5	11/15/05 15:23 / jjm
Silt	46	%		1		ASA15-5	11/15/05 15:23 / jjm
Clay	24	%		1		ASA15-5	11/15/05 15:23 / jjm
Texture	L	unitless				ASA15-5	11/15/05 15:23 / jjm
CHEMICAL CHARACTERISTICS							
Cation Exchange Capacity	22.4	meq/100g		0.09		SW6010B	11/21/05 10:51 / jjm
Lime as CaCO3	7.6	%		0.1		USDA23c	11/17/05 00:00 / jjm
Nitrate + Nitrite as N, KCL Extract	6	mg/kg		1		ASA38-3	11/23/05 11:28 / sld
METALS, AMMONIUM ACETATE EXTRACTABLE							
Sodium, Extractable	1.08	meq/100g		0.04		SW6010B	11/17/05 11:56 / rp
EXCHANGEABLES							
Exchangeable Sodium	0.8	meq/100g		0.1		Calculation	11/15/05 15:23 / jjm
Exchangeable Sodium Percentage	3.7	%		0.1		USDA20a	11/15/05 15:23 / jjm

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LABORATORY ANALYTICAL REPORT

Client: AMPP
 Project: AMPP Tier II
 Lab ID: H05110025-004
 Client Sample ID: T2/GA-10-(24-36")

Report Date: 11/30/05
 Collection Date: 10/26/05 17:00
 Date Received: 10/31/05
 Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, sat. paste	7.8	s.u.		0.1		ASAM10-3.2	11/15/05 15:23 / jjm
Conductivity, sat. paste	4.16	mmhos/cm		0.01		ASAM10-3	11/15/05 15:23 / jjm
Saturation	41.8	%		0.1		USDA27a	11/15/05 15:23 / jjm
Sodium Adsorption Ratio (SAR)	5.4	unitless		0.01		Calculation	11/15/05 15:23 / jjm
Bicarbonate, sat. paste	3.32	meq/L		0.02		ASA10-3	11/19/05 14:05 / jjm
SATURATED PASTE							
Calcium, sat. paste	12.3	meq/l		0.05		SW6010B	11/16/05 14:47 / rp
Magnesium, sat. paste	18.1	meq/l		0.08		SW6010B	11/16/05 14:47 / rp
Sodium, sat. paste	20.9	meq/l		0.04		SW6010B	11/16/05 14:47 / rp
PHYSICAL CHARACTERISTICS							
Sand	38	%		1		ASA15-5	11/15/05 15:23 / jjm
Silt	44	%		1		ASA15-5	11/15/05 15:23 / jjm
Clay	18	%		1		ASA15-5	11/15/05 15:23 / jjm
Texture	L	unitless				ASA15-5	11/15/05 15:23 / jjm
CHEMICAL CHARACTERISTICS							
Cation Exchange Capacity	20.6	meq/100g		0.09		SW6010B	11/21/05 10:54 / jjm
Lime as CaCO3	7.3	%		0.1		USDA23c	11/17/05 00:00 / jjm
METALS, AMMONIUM ACETATE EXTRACTABLE							
Sodium, Extractable	2.05	meq/100g		0.04		SW6010B	11/17/05 12:04 / rp
EXCHANGEABLES							
Exchangeable Sodium	1.2	meq/100g		0.1		Calculation	11/15/05 15:23 / jjm
Exchangeable Sodium Percentage	5.7	%		0.1		USDA20a	11/15/05 15:23 / jjm

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 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: AMPP Tier II
Lab ID: H05110025-005
Client Sample ID: T2/GA-10-(36-60")

Report Date: 11/30/05
Collection Date: 10/26/05 17:00
Date Received: 10/31/05
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, sat. paste	8.0	s.u.		0.1		ASAM10-3.2	11/15/05 15:23 / jjm
Conductivity, sat. paste	5.93	mmhos/cm		0.01		ASAM10-3	11/15/05 15:23 / jjm
Saturation	37.9	%		0.1		USDA27a	11/15/05 15:23 / jjm
Sodium Adsorption Ratio (SAR)	8.8	unitless		0.01		Calculation	11/15/05 15:23 / jjm
Bicarbonate, sat. paste	2.75	meq/L		0.02		ASA10-3	11/19/05 14:05 / jjm
SATURATED PASTE							
Calcium, sat. paste	12.3	meq/l		0.05		SW6010B	11/16/05 14:50 / rp
Magnesium, sat. paste	28.8	meq/l		0.08		SW6010B	11/16/05 14:50 / rp
Sodium, sat. paste	40.0	meq/l		0.04		SW6010B	11/16/05 14:50 / rp
PHYSICAL CHARACTERISTICS							
Sand	43	%		1		ASA15-5	11/15/05 15:23 / jjm
Silt	39	%		1		ASA15-5	11/15/05 15:23 / jjm
Clay	18	%		1		ASA15-5	11/15/05 15:23 / jjm
Texture	L	unitless				ASA15-5	11/15/05 15:23 / jjm
CHEMICAL CHARACTERISTICS							
Fluoride	1.7	mg/kg		1.0		A4500-F C	11/23/05 00:00 / jjm
Cation Exchange Capacity	16.9	meq/100g		0.09		SW6010B	11/21/05 11:03 / jjm
Lime as CaCO3	7.3	%		0.1		USDA23c	11/17/05 00:00 / jjm
METALS, AMMONIUM ACETATE EXTRACTABLE							
Sodium, Extractable	2.47	meq/100g		0.04		SW6010B	11/17/05 12:07 / rp
EXCHANGEABLES							
Exchangeable Sodium	1.0	meq/100g		0.1		Calculation	11/15/05 15:23 / jjm
Exchangeable Sodium Percentage	5.7	%		0.1		USDA20a	11/15/05 15:23 / jjm
METALS, CaCl2 EXTRACTABLE							
Barium	ND	mg/kg		0.2		SW6010B	11/22/05 14:42 / rp
Boron	1.2	mg/kg		0.2		SW6010B	11/22/05 14:42 / rp
Selenium	ND	mg/kg		0.1		SW6010B	11/22/05 14:42 / rp

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ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP
Project: AMPP Tier II
Lab ID: H05110025-006
Client Sample ID: T2/GA-10-(60-96")

Report Date: 11/30/05
Collection Date: 10/26/05 17:00
Date Received: 10/31/05
Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, sat. paste	7.8	s.u.		0.1		ASAM10-3.2	11/15/05 15:23 / jjm
Conductivity, sat. paste	2.46	mmhos/cm		0.01		ASAM10-3	11/15/05 15:23 / jjm
Saturation	29.8	%		0.1		USDA27a	11/15/05 15:23 / jjm
Sodium Adsorption Ratio (SAR)	5.7	unitless		0.01		Calculation	11/15/05 15:23 / jjm
Bicarbonate, sat. paste	2.31	meq/L		0.02		ASA10-3	11/19/05 14:05 / jjm
SATURATED PASTE							
Calcium, sat. paste	3.88	meq/l		0.05		SW6010B	11/16/05 14:53 / rp
Magnesium, sat. paste	7.11	meq/l		0.08		SW6010B	11/16/05 14:53 / rp
Sodium, sat. paste	13.3	meq/l		0.04		SW6010B	11/16/05 14:53 / rp
PHYSICAL CHARACTERISTICS							
Sand	69	%		1		ASA15-5	11/15/05 15:23 / jjm
Silt	20	%		1		ASA15-5	11/15/05 15:23 / jjm
Clay	11	%		1		ASA15-5	11/15/05 15:23 / jjm
Texture	SL	unitless				ASA15-5	11/15/05 15:23 / jjm
CHEMICAL CHARACTERISTICS							
Cation Exchange Capacity	13.0	meq/100g		0.09		SW6010B	11/21/05 11:06 / jjm
Lime as CaCO3	6.1	%		0.1		USDA23c	11/17/05 00:00 / jjm
METALS, AMMONIUM ACETATE EXTRACTABLE							
Sodium, Extractable	1.22	meq/100g		0.04		SW6010B	11/17/05 12:10 / rp
EXCHANGEABLES							
Exchangeable Sodium	0.8	meq/100g		0.1		Calculation	11/15/05 15:23 / jjm
Exchangeable Sodium Percentage	6.3	%		0.1		USDA20a	11/15/05 15:23 / jjm

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: AMPP Tier II
 Lab ID: H05110025-007
 Client Sample ID: T2/GA-10-(0-2")

Report Date: 11/30/05
 Collection Date: 10/26/05 17:00
 Date Received: 10/31/05
 Matrix: Soil

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
SATURATED PASTE							
pH, sat. paste	7.3	s.u.		0.1		ASAM10-3.2	11/15/05 15:23 / jjm
Conductivity, sat. paste	0.88	mmhos/cm		0.01		ASAM10-3	11/15/05 15:23 / jjm
Saturation	46.8	%		0.1		USDA27a	11/15/05 15:23 / jjm
Sodium Adsorption Ratio (SAR)	0.38	unitless		0.01		Calculation	11/15/05 15:23 / jjm
Bicarbonate, sat. paste	6.50	meq/L		0.02		ASA10-3	11/19/05 14:05 / jjm
SATURATED PASTE							
Calcium, sat. paste	5.48	meq/l		0.05		SW6010B	11/16/05 14:56 / rp
Magnesium, sat. paste	2.88	meq/l		0.08		SW6010B	11/16/05 14:56 / rp
Sodium, sat. paste	0.77	meq/l		0.04		SW6010B	11/16/05 14:56 / rp
PHYSICAL CHARACTERISTICS							
Sand	43	%		1		ASA15-5	11/15/05 15:23 / jjm
Silt	37	%		1		ASA15-5	11/15/05 15:23 / jjm
Clay	20	%		1		ASA15-5	11/15/05 15:23 / jjm
Texture	L	unitless				ASA15-5	11/15/05 15:23 / jjm
CHEMICAL CHARACTERISTICS							
Cation Exchange Capacity	31.6	meq/100g		0.09		SW6010B	11/21/05 11:09 / jjm
Lime as CaCO3	5.7	%		0.1		USDA23c	11/17/05 00:00 / jjm
METALS, AMMONIUM ACETATE EXTRACTABLE							
Sodium, Extractable	0.39	meq/100g		0.04		SW6010B	11/17/05 12:13 / rp
EXCHANGEABLES							
Exchangeable Sodium	0.4	meq/100g		0.1		Calculation	11/15/05 15:23 / jjm
Exchangeable Sodium Percentage	1.1	%		0.1		USDA20a	11/15/05 15:23 / jjm

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

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