



LABORATORY ANALYTICAL REPORT

Client: AMPP  
Project: AMPP Tier II  
Lab ID: H05110017-009  
Client Sample ID: T2/MB-10-(0-6")

Report Date: 11/30/05  
Collection Date: 10/25/05 17:00  
Date Received: 10/27/05  
Matrix: Soil

| Analyses                                    | Result | Units    | Qual | MCL/ |     | Method      | Analysis Date / By   |
|---|--------|----------|------|------|-----|-------------|----------------------|
|   |        |          |      | RL   | QCL |             |                      |
| <b>SATURATED PASTE</b>                      |        |          |      |      |     |             |                      |
| pH, sat. paste                              | 7.5    | 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                                  | 42.3   | %        |      | 0.1  |     | USDA27a     | 11/15/05 15:23 / jjm |
| Sodium Adsorption Ratio (SAR)               | 0.59   | unitless |      | 0.01 |     | Calculation | 11/15/05 15:23 / jjm |
| Bicarbonate, sat. paste                     | 5.20   | meq/L    |      | 0.02 |     | ASA10-3     | 11/19/05 14:05 / jjm |
| Nitrate as N, sat. paste                    | 5.5    | mg/L     |      | 0.1  |     | ASA10-3     | 11/16/05 12:24 / sld |
| <b>SATURATED PASTE</b>                      |        |          |      |      |     |             |                      |
| Calcium, sat. paste                         | 2.95   | meq/l    |      | 0.05 |     | SW6010B     | 11/16/05 13:27 / rp  |
| Magnesium, sat. paste                       | 2.46   | meq/l    |      | 0.08 |     | SW6010B     | 11/16/05 13:27 / rp  |
| Sodium, sat. paste                          | 0.97   | meq/l    |      | 0.04 |     | SW6010B     | 11/16/05 13:27 / rp  |
| Sulfate, sat. paste                         | 1.42   | meq/l    |      | 0.02 |     | SW6010B     | 11/16/05 13:27 / rp  |
| <b>PHYSICAL CHARACTERISTICS</b>             |        |          |      |      |     |             |                      |
| Sand  | 29     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Silt  | 45     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Clay  | 26     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Texture                                     | L      | unitless |      |      |     | ASA15-5     | 11/15/05 15:23 / jjm |
| <b>CHEMICAL CHARACTERISTICS</b>             |        |          |      |      |     |             |                      |
| Fluoride                                    | ND     | mg/kg    |      | 1.0  |     | A4500-F C   | 11/23/05 00:00 / jjm |
| Potassium, NH4OAc Extractable               | 380    | mg/kg    |      | 1    |     | ASA13-3     | 11/29/05 00:00 / jjm |
| Organic Matter                              | 1.83   | %        |      | 0.02 |     | ASA29-3     | 11/15/05 12:10 / jjm |
| Cation Exchange Capacity                    | 29.5   | meq/100g |      | 0.09 |     | SW6010B     | 11/21/05 09:40 / jjm |
| Lime as CaCO3                               | 2.5    | %        |      | 0.1  |     | USDA23c     | 11/16/05 00:00 / jjm |
| Phosphorus                                  | 11     | mg/kg    |      | 0.8  |     | ASA24-5     | 11/23/05 14:50 / rp  |
| Nitrate + Nitrite as N, KCL Extract         | 13     | mg/kg    |      | 1    |     | ASA38-3     | 11/23/05 11:06 / sld |
| <b>METALS, AMMONIUM ACETATE EXTRACTABLE</b> |        |          |      |      |     |             |                      |
| Sodium, Extractable                         | 0.41   | meq/100g |      | 0.04 |     | SW6010B     | 11/17/05 10:45 / rp  |
| <b>EXCHANGEABLES</b>                        |        |          |      |      |     |             |                      |
| Exchangeable Sodium                         | 0.4    | meq/100g |      | 0.1  |     | Calculation | 11/15/05 15:23 / jjm |
| Exchangeable Sodium Percentage              | 1.3    | %        |      | 0.1  |     | USDA20a     | 11/15/05 15:23 / jjm |
| <b>METALS, DTPA EXTRACTABLE</b>             |        |          |      |      |     |             |                      |
| Zinc  | 0.42   | mg/kg    |      | 0.02 |     | SW6010B     | 11/22/05 16:16 / rp  |
| <b>METALS, CACL2 EXTRACTABLE</b>            |        |          |      |      |     |             |                      |
| Barium                                      | 0.8    | mg/kg    |      | 0.2  |     | SW6010B     | 11/22/05 14:24 / rp  |
| Boron                                       | 0.6    | mg/kg    |      | 0.2  |     | SW6010B     | 11/22/05 14:24 / rp  |

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: AMPP Tier II  
Lab ID: H05110017-009  
Client Sample ID: T2/MB-10-(0-6")

Report Date: 11/30/05  
Collection Date: 10/25/05 17:00  
Date Received: 10/27/05  
Matrix: Soil

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| Analyses                         | Result | Units | Qual | MCL/ |     | Method  | Analysis Date / By  |
|----------------------------------|--------|-------|------|------|-----|---------|---------------------|
|                                  |        |       |      | RL   | QCL |         |                     |
| <b>METALS, CACL2 EXTRACTABLE</b> |        |       |      |      |     |         |                     |
| Selenium                         | ND     | mg/kg |      | 0.1  |     | SW6010B | 11/22/05 14:24 / rp |

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LABORATORY ANALYTICAL REPORT

Client: AMPP  
 Project: AMPP Tier II  
 Lab ID: H05110017-010  
 Client Sample ID: T2/MB-10(6-12")

Report Date: 11/30/05  
 Collection Date: 10/25/05 17:00  
 Date Received: 10/27/05  
 Matrix: Soil

| Analyses                                    | Result | Units    | Qual | MCL/ |     | Method      | Analysis Date / By   |
|---|--------|----------|------|------|-----|-------------|----------------------|
|   |        |          |      | RL   | QCL |             |                      |
| <b>SATURATED PASTE</b>                      |        |          |      |      |     |             |                      |
| pH, sat. paste                              | 7.6    | s.u.     |      | 0.1  |     | ASAM10-3.2  | 11/15/05 15:23 / jjm |
| Conductivity, sat. paste                    | 0.85   | mmhos/cm |      | 0.01 |     | ASAM10-3    | 11/15/05 15:23 / jjm |
| Saturation                                  | 44.9   | %        |      | 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                     | 3.47   | meq/L    |      | 0.02 |     | ASA10-3     | 11/19/05 14:05 / jjm |
| Nitrate as N, sat. paste                    | 45     | mg/L     |      | 1    |     | ASA10-3     | 11/16/05 12:26 / sld |
| <b>SATURATED PASTE</b>                      |        |          |      |      |     |             |                      |
| Calcium, sat. paste                         | 3.17   | meq/l    |      | 0.05 |     | SW6010B     | 11/16/05 13:36 / rp  |
| Magnesium, sat. paste                       | 3.21   | meq/l    |      | 0.08 |     | SW6010B     | 11/16/05 13:36 / rp  |
| Sodium, sat. paste                          | 1.87   | meq/l    |      | 0.04 |     | SW6010B     | 11/16/05 13:36 / rp  |
| Sulfate, sat. paste                         | 1.85   | meq/l    |      | 0.02 |     | SW6010B     | 11/16/05 13:36 / rp  |
| <b>PHYSICAL CHARACTERISTICS</b>             |        |          |      |      |     |             |                      |
| Sand  | 22     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Silt  | 45     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Clay  | 33     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Texture                                     | CL     | unitless |      |      |     | ASA15-5     | 11/15/05 15:23 / jjm |
| <b>CHEMICAL CHARACTERISTICS</b>             |        |          |      |      |     |             |                      |
| Cation Exchange Capacity                    | 29.5   | meq/100g |      | 0.09 |     | SW6010B     | 11/21/05 09:43 / jjm |
| Lime as CaCO3                               | 5.8    | %        |      | 0.1  |     | USDA23c     | 11/16/05 00:00 / jjm |
| Nitrate + Nitrite as N, KCL Extract         | 17     | mg/kg    |      | 1    |     | ASA38-3     | 11/23/05 12:48 / sld |
| <b>METALS, AMMONIUM ACETATE EXTRACTABLE</b> |        |          |      |      |     |             |                      |
| Sodium, Extractable                         | 0.54   | meq/100g |      | 0.04 |     | SW6010B     | 11/17/05 10:53 / rp  |
| <b>EXCHANGEABLES</b>                        |        |          |      |      |     |             |                      |
| Exchangeable Sodium                         | 0.5    | meq/100g |      | 0.1  |     | Calculation | 11/15/05 15:23 / jjm |
| Exchangeable Sodium Percentage              | 1.6    | %        |      | 0.1  |     | USDA20a     | 11/15/05 15:23 / jjm |

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LABORATORY ANALYTICAL REPORT

Client: AMPP  
 Project: AMPP Tier II  
 Lab ID: H05110017-011  
 Client Sample ID: T2/MB-10(12-24")

Report Date: 11/30/05  
 Collection Date: 10/25/05 17:00  
 Date Received: 10/27/05  
 Matrix: Soil

| Analyses                                    | Result | Units    | Qual | MCL/ |     | Method      | Analysis Date / By   |
|---|--------|----------|------|------|-----|-------------|----------------------|
|   |        |          |      | RL   | QCL |             |                      |
| <b>SATURATED PASTE</b>                      |        |          |      |      |     |             |                      |
| pH, sat. paste                              | 7.8    | s.u.     |      | 0.1  |     | ASAM10-3.2  | 11/15/05 15:23 / jjm |
| Conductivity, sat. paste                    | 0.85   | mmhos/cm |      | 0.01 |     | ASAM10-3    | 11/15/05 15:23 / jjm |
| Saturation                                  | 49.5   | %        |      | 0.1  |     | USDA27a     | 11/15/05 15:23 / jjm |
| Sodium Adsorption Ratio (SAR)               | 1.4    | unitless |      | 0.01 |     | Calculation | 11/15/05 15:23 / jjm |
| Bicarbonate, sat. paste                     | 2.82   | meq/L    |      | 0.02 |     | ASA10-3     | 11/19/05 14:05 / jjm |
| Nitrate as N, sat. paste                    | 7.5    | mg/L     |      | 0.2  |     | ASA10-3     | 11/16/05 12:30 / sld |
| <b>SATURATED PASTE</b>                      |        |          |      |      |     |             |                      |
| Calcium, sat. paste                         | 2.92   | meq/l    |      | 0.05 |     | SW6010B     | 11/16/05 13:42 / rp  |
| Magnesium, sat. paste                       | 3.60   | meq/l    |      | 0.08 |     | SW6010B     | 11/16/05 13:42 / rp  |
| Sodium, sat. paste                          | 2.44   | meq/l    |      | 0.04 |     | SW6010B     | 11/16/05 13:42 / rp  |
| Sulfate, sat. paste                         | 5.71   | meq/l    |      | 0.02 |     | SW6010B     | 11/16/05 13:42 / rp  |
| <b>PHYSICAL CHARACTERISTICS</b>             |        |          |      |      |     |             |                      |
| Sand  | 21     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Silt  | 53     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Clay  | 26     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Texture                                     | SiL    | unitless |      |      |     | ASA15-5     | 11/15/05 15:23 / jjm |
| <b>CHEMICAL CHARACTERISTICS</b>             |        |          |      |      |     |             |                      |
| Cation Exchange Capacity                    | 27.9   | meq/100g |      | 0.09 |     | SW6010B     | 11/21/05 09:55 / jjm |
| Lime as CaCO3                               | 10.3   | %        |      | 0.1  |     | USDA23c     | 11/16/05 00:00 / jjm |
| Nitrate + Nitrite as N, KCL Extract         | 7      | mg/kg    |      | 1    |     | ASA38-3     | 11/23/05 12:52 / sld |
| <b>METALS, AMMONIUM ACETATE EXTRACTABLE</b> |        |          |      |      |     |             |                      |
| Sodium, Extractable                         | 0.66   | meq/100g |      | 0.04 |     | SW6010B     | 11/17/05 10:59 / rp  |
| <b>EXCHANGEABLES</b>                        |        |          |      |      |     |             |                      |
| 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 |

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

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 ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: AMPP  
 Project: AMPP Tier II  
 Lab ID: H05110017-012  
 Client Sample ID: T2-MB-10-(24-36")

Report Date: 11/30/05  
 Collection Date: 10/25/05 17:00  
 Date Received: 10/27/05  
 Matrix: Soil

| Analyses                                    | Result | Units    | Qual | MCL/ |     | Method      | Analysis Date / By   |
|---|--------|----------|------|------|-----|-------------|----------------------|
|   |        |          |      | RL   | QCL |             |                      |
| <b>SATURATED PASTE</b>                      |        |          |      |      |     |             |                      |
| pH, sat. paste                              | 7.8    | s.u.     |      | 0.1  |     | ASAM10-3.2  | 11/15/05 15:23 / jjm |
| Conductivity, sat. paste                    | 1.32   | mmhos/cm |      | 0.01 |     | ASAM10-3    | 11/15/05 15:23 / jjm |
| Saturation                                  | 47.0   | %        |      | 0.1  |     | USDA27a     | 11/15/05 15:23 / jjm |
| Sodium Adsorption Ratio (SAR)               | 2.0    | unitless |      | 0.01 |     | Calculation | 11/15/05 15:23 / jjm |
| Bicarbonate, sat. paste                     | 2.46   | meq/L    |      | 0.02 |     | ASA10-3     | 11/19/05 14:05 / jjm |
| <b>SATURATED PASTE</b>                      |        |          |      |      |     |             |                      |
| Calcium, sat. paste                         | 3.54   | meq/l    |      | 0.05 |     | SW6010B     | 11/16/05 13:45 / rp  |
| Magnesium, sat. paste                       | 4.97   | meq/l    |      | 0.08 |     | SW6010B     | 11/16/05 13:45 / rp  |
| Sodium, sat. paste                          | 4.04   | meq/l    |      | 0.04 |     | SW6010B     | 11/16/05 13:45 / rp  |
| <b>PHYSICAL CHARACTERISTICS</b>             |        |          |      |      |     |             |                      |
| Sand  | 30     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Silt  | 41     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Clay  | 29     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Texture                                     | CL     | unitless |      |      |     | ASA15-5     | 11/15/05 15:23 / jjm |
| <b>CHEMICAL CHARACTERISTICS</b>             |        |          |      |      |     |             |                      |
| Cation Exchange Capacity                    | 25.6   | meq/100g |      | 0.09 |     | SW6010B     | 11/21/05 09:58 / jjm |
| Lime as CaCO3                               | 10.2   | %        |      | 0.1  |     | USDA23c     | 11/16/05 00:00 / jjm |
| <b>METALS, AMMONIUM ACETATE EXTRACTABLE</b> |        |          |      |      |     |             |                      |
| Sodium, Extractable                         | 0.77   | meq/100g |      | 0.04 |     | SW6010B     | 11/17/05 11:02 / rp  |
| <b>EXCHANGEABLES</b>                        |        |          |      |      |     |             |                      |
| Exchangeable Sodium                         | 0.6    | meq/100g |      | 0.1  |     | Calculation | 11/15/05 15:23 / jjm |
| Exchangeable Sodium Percentage              | 2.3    | %        |      | 0.1  |     | USDA20a     | 11/15/05 15:23 / jjm |

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

Client: AMPP  
 Project: AMPP Tier II  
 Lab ID: H05110017-013  
 Client Sample ID: T2/MB-10-(36-60")

Report Date: 11/30/05  
 Collection Date: 10/25/05 17:00  
 Date Received: 10/27/05  
 Matrix: Soil

| Analyses                                    | Result | Units    | Qual | MCL/ |     | Method      | Analysis Date / By   |
|---|--------|----------|------|------|-----|-------------|----------------------|
|   |        |          |      | RL   | QCL |             |                      |
| <b>SATURATED PASTE</b>                      |        |          |      |      |     |             |                      |
| pH, sat. paste                              | 7.6    | s.u.     |      | 0.1  |     | ASAM10-3.2  | 11/15/05 15:23 / jjm |
| Conductivity, sat. paste                    | 4.49   | 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)               | 1.8    | unitless |      | 0.01 |     | Calculation | 11/15/05 15:23 / jjm |
| Bicarbonate, sat. paste                     | 1.59   | meq/L    |      | 0.02 |     | ASA10-3     | 11/19/05 14:05 / jjm |
| <b>SATURATED PASTE</b>                      |        |          |      |      |     |             |                      |
| Calcium, sat. paste                         | 24.5   | meq/l    |      | 0.05 |     | SW6010B     | 11/16/05 13:48 / rp  |
| Magnesium, sat. paste                       | 25.3   | meq/l    |      | 0.08 |     | SW6010B     | 11/16/05 13:48 / rp  |
| Sodium, sat. paste                          | 9.03   | meq/l    |      | 0.04 |     | SW6010B     | 11/16/05 13:48 / rp  |
| <b>PHYSICAL CHARACTERISTICS</b>             |        |          |      |      |     |             |                      |
| Sand  | 35     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Silt  | 39     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Clay  | 26     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Texture                                     | L      | unitless |      |      |     | ASA15-5     | 11/15/05 15:23 / jjm |
| <b>CHEMICAL CHARACTERISTICS</b>             |        |          |      |      |     |             |                      |
| Fluoride                                    | ND     | mg/kg    |      | 1.0  |     | A4500-F C   | 11/23/05 00:00 / jjm |
| Cation Exchange Capacity                    | 24.7   | meq/100g |      | 0.09 |     | SW6010B     | 11/21/05 10:01 / jjm |
| Lime as CaCO3                               | 7.4    | %        |      | 0.1  |     | USDA23c     | 11/16/05 00:00 / jjm |
| <b>METALS, AMMONIUM ACETATE EXTRACTABLE</b> |        |          |      |      |     |             |                      |
| Sodium, Extractable                         | 1.06   | meq/100g |      | 0.04 |     | SW6010B     | 11/17/05 11:05 / rp  |
| <b>EXCHANGEABLES</b>                        |        |          |      |      |     |             |                      |
| Exchangeable Sodium                         | 0.6    | meq/100g |      | 0.1  |     | Calculation | 11/15/05 15:23 / jjm |
| Exchangeable Sodium Percentage              | 2.6    | %        |      | 0.1  |     | USDA20a     | 11/15/05 15:23 / jjm |
| <b>METALS, CaCl2 EXTRACTABLE</b>            |        |          |      |      |     |             |                      |
| Barium                                      | ND     | mg/kg    |      | 0.2  |     | SW6010B     | 11/22/05 14:27 / rp  |
| Boron                                       | 0.8    | mg/kg    |      | 0.2  |     | SW6010B     | 11/22/05 14:27 / rp  |
| Selenium                                    | ND     | mg/kg    |      | 0.1  |     | SW6010B     | 11/22/05 14:27 / rp  |

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: H05110017-014  
 Client Sample ID: T2/MB-10-(60-96")

Report Date: 11/30/05  
 Collection Date: 10/25/05 17:00  
 Date Received: 10/27/05  
 Matrix: Soil

| Analyses                                    | Result | Units    | Qual | MCL/ |     | Method      | Analysis Date / By   |
|---|--------|----------|------|------|-----|-------------|----------------------|
|   |        |          |      | RL   | QCL |             |                      |
| <b>SATURATED PASTE</b>                      |        |          |      |      |     |             |                      |
| pH, sat. paste                              | 7.6    | s.u.     |      | 0.1  |     | ASAM10-3.2  | 11/15/05 15:23 / jjm |
| Conductivity, sat. paste                    | 4.23   | mmhos/cm |      | 0.01 |     | ASAM10-3    | 11/15/05 15:23 / jjm |
| Saturation                                  | 47.2   | %        |      | 0.1  |     | USDA27a     | 11/15/05 15:23 / jjm |
| Sodium Adsorption Ratio (SAR)               | 2.0    | unitless |      | 0.01 |     | Calculation | 11/15/05 15:23 / jjm |
| Bicarbonate, sat. paste                     | 1.45   | meq/L    |      | 0.02 |     | ASA10-3     | 11/19/05 14:05 / jjm |
| <b>SATURATED PASTE</b>                      |        |          |      |      |     |             |                      |
| Calcium, sat. paste                         | 23.1   | meq/l    |      | 0.05 |     | SW6010B     | 11/16/05 13:51 / rp  |
| Magnesium, sat. paste                       | 22.8   | meq/l    |      | 0.08 |     | SW6010B     | 11/16/05 13:51 / rp  |
| Sodium, sat. paste                          | 9.41   | meq/l    |      | 0.04 |     | SW6010B     | 11/16/05 13:51 / rp  |
| <b>PHYSICAL CHARACTERISTICS</b>             |        |          |      |      |     |             |                      |
| Sand  | 36     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Silt  | 38     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Clay  | 26     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Texture                                     | L      | unitless |      |      |     | ASA15-5     | 11/15/05 15:23 / jjm |
| <b>CHEMICAL CHARACTERISTICS</b>             |        |          |      |      |     |             |                      |
| Cation Exchange Capacity                    | 23.6   | meq/100g |      | 0.09 |     | SW6010B     | 11/21/05 10:04 / jjm |
| Lime as CaCO3                               | 7.0    | %        |      | 0.1  |     | USDA23c     | 11/16/05 00:00 / jjm |
| <b>METALS, AMMONIUM ACETATE EXTRACTABLE</b> |        |          |      |      |     |             |                      |
| Sodium, Extractable                         | 1.02   | meq/100g |      | 0.04 |     | SW6010B     | 11/17/05 11:08 / rp  |
| <b>EXCHANGEABLES</b>                        |        |          |      |      |     |             |                      |
| Exchangeable Sodium                         | 0.6    | meq/100g |      | 0.1  |     | Calculation | 11/15/05 15:23 / jjm |
| Exchangeable Sodium Percentage              | 2.5    | %        |      | 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: H05110017-015  
 Client Sample ID: T2/MB-10-(0-2")

Report Date: 11/30/05  
 Collection Date: 10/25/05 17:00  
 Date Received: 10/27/05  
 Matrix: Soil

| Analyses                                    | Result | Units    | Qual | MCL/ |     | Method      | Analysis Date / By   |
|---|--------|----------|------|------|-----|-------------|----------------------|
|   |        |          |      | RL   | QCL |             |                      |
| <b>SATURATED PASTE</b>                      |        |          |      |      |     |             |                      |
| pH, sat. paste                              | 7.5    | s.u.     |      | 0.1  |     | ASAM10-3.2  | 11/15/05 15:23 / jjm |
| Conductivity, sat. paste                    | 0.78   | mmhos/cm |      | 0.01 |     | ASAM10-3    | 11/15/05 15:23 / jjm |
| Saturation                                  | 40.8   | %        |      | 0.1  |     | USDA27a     | 11/15/05 15:23 / jjm |
| Sodium Adsorption Ratio (SAR)               | 0.40   | unitless |      | 0.01 |     | Calculation | 11/15/05 15:23 / jjm |
| Bicarbonate, sat. paste                     | 7.23   | meq/L    |      | 0.02 |     | ASA10-3     | 11/19/05 14:05 / jjm |
| <b>SATURATED PASTE</b>                      |        |          |      |      |     |             |                      |
| Calcium, sat. paste                         | 4.30   | meq/l    |      | 0.05 |     | SW6010B     | 11/16/05 14:00 / rp  |
| Magnesium, sat. paste                       | 3.33   | meq/l    |      | 0.08 |     | SW6010B     | 11/16/05 14:00 / rp  |
| Sodium, sat. paste                          | 0.79   | meq/l    |      | 0.04 |     | SW6010B     | 11/16/05 14:00 / rp  |
| <b>PHYSICAL CHARACTERISTICS</b>             |        |          |      |      |     |             |                      |
| Sand  | 29     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Silt  | 45     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Clay  | 26     | %        |      | 1    |     | ASA15-5     | 11/15/05 15:23 / jjm |
| Texture                                     | L      | unitless |      |      |     | ASA15-5     | 11/15/05 15:23 / jjm |
| <b>CHEMICAL CHARACTERISTICS</b>             |        |          |      |      |     |             |                      |
| Cation Exchange Capacity                    | 24.0   | meq/100g |      | 0.09 |     | SW6010B     | 11/21/05 10:07 / jjm |
| Lime as CaCO3                               | 1.9    | %        |      | 0.1  |     | USDA23c     | 11/16/05 00:00 / jjm |
| <b>METALS, AMMONIUM ACETATE EXTRACTABLE</b> |        |          |      |      |     |             |                      |
| Sodium, Extractable                         | 0.36   | meq/100g |      | 0.04 |     | SW6010B     | 11/17/05 11:11 / rp  |
| <b>EXCHANGEABLES</b>                        |        |          |      |      |     |             |                      |
| Exchangeable Sodium                         | 0.3    | meq/100g |      | 0.1  |     | Calculation | 11/15/05 15:23 / jjm |
| Exchangeable Sodium Percentage              | 1.4    | %        |      | 0.1  |     | USDA20a     | 11/15/05 15:23 / jjm |

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