

Table 5-1

**Surface Soil Analytical Results**  
**Golf Course, Parcels 178(7), 83(7), and 141(7)**  
**Fort McClellan, Calhoun County, Alabama**

(Page 1 of 15)

| Parcel<br>Sample Location<br>Sample Number<br>Sample Date<br>Sample Depth (Feet) |       |                  |                   |                  | 178 REP<br>PPMP-178-SS01<br>KA0001<br>11-Feb-99<br>0- 1 |      |      |       |      | 178 REP<br>PPMP-178-SS02<br>KA0002<br>11-Feb-99<br>0- 1 |      |      |       |      | 178 REP<br>PPMP-178-SS03<br>KA0003<br>11-Feb-99<br>0- 1 |      |      |       |      |
|----------------------------------------------------------------------------------|-------|------------------|-------------------|------------------|---------------------------------------------------------|------|------|-------|------|---------------------------------------------------------|------|------|-------|------|---------------------------------------------------------|------|------|-------|------|
| Parameter                                                                        | Units | BKG <sup>a</sup> | SSSL <sup>b</sup> | ESV <sup>b</sup> | Result                                                  | Qual | >BKG | >SSSL | >ESV | Result                                                  | Qual | >BKG | >SSSL | >ESV | Result                                                  | Qual | >BKG | >SSSL | >ESV |
| <b>ANIONS</b>                                                                    |       |                  |                   |                  |                                                         |      |      |       |      |                                                         |      |      |       |      |                                                         |      |      |       |      |
| Chloride                                                                         | mg/kg | NA               | NA                | NA               | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      | 1.72E+01                                                |      |      |       |      |
| Nitrate                                                                          | mg/kg | NA               | NA                | NA               | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      | 6.60E+00                                                |      |      |       |      |
| Sulfate                                                                          | mg/kg | NA               | NA                | NA               | ND                                                      |      |      |       |      | 3.20E+01                                                |      |      |       |      | 2.11E+01                                                |      |      |       |      |
| <b>PESTICIDES (Method 8081A)</b>                                                 |       |                  |                   |                  |                                                         |      |      |       |      |                                                         |      |      |       |      |                                                         |      |      |       |      |
| 4,4'-DDE                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | ND                                                      |      |      |       |      | 1.30E-02                                                |      |      |       | YES  | ND                                                      |      |      |       |      |
| 4,4'-DDT                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | ND                                                      |      |      |       |      | 1.10E-02                                                |      |      |       | YES  | ND                                                      |      |      |       |      |
| Methoxychlor                                                                     | mg/kg | NA               | 3.89E+01          | 1.99E-02         | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      |
| <b>METALS</b>                                                                    |       |                  |                   |                  |                                                         |      |      |       |      |                                                         |      |      |       |      |                                                         |      |      |       |      |
| Aluminum                                                                         | mg/kg | 1.63E+04         | 7.80E+03          | 5.00E+01         | 3.89E+03                                                |      |      |       | YES  | 5.78E+03                                                |      |      |       | YES  | 7.29E+03                                                |      |      |       | YES  |
| Arsenic                                                                          | mg/kg | 1.37E+01         | 4.26E-01          | 1.00E+01         | 1.42E+01                                                |      | YES  | YES   | YES  | 2.77E+01                                                |      | YES  | YES   | YES  | 3.27E+01                                                |      | YES  | YES   | YES  |
| Barium                                                                           | mg/kg | 1.24E+02         | 5.47E+02          | 1.65E+02         | 6.12E+01                                                |      |      |       |      | 6.32E+01                                                |      |      |       |      | 6.09E+01                                                |      |      |       |      |
| Beryllium                                                                        | mg/kg | 8.00E-01         | 9.60E+00          | 1.10E+00         | 5.50E-01                                                | J    |      |       |      | 8.60E-01                                                |      | YES  |       |      | 4.50E-01                                                | J    |      |       |      |
| Cadmium                                                                          | mg/kg | 2.90E-01         | 6.25E+00          | 1.60E+00         | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      |
| Calcium                                                                          | mg/kg | 1.72E+03         | NA                | NA               | 2.51E+03                                                |      | YES  |       |      | 1.03E+03                                                |      |      |       |      | 1.68E+03                                                |      |      |       |      |
| Chromium                                                                         | mg/kg | 3.70E+01         | 2.32E+01          | 4.00E-01         | 3.19E+01                                                | J    |      | YES   | YES  | 7.10E+00                                                | J    |      |       | YES  | 1.35E+01                                                | J    |      |       | YES  |
| Cobalt                                                                           | mg/kg | 1.52E+01         | 4.68E+02          | 2.00E+01         | 4.40E+00                                                | J    |      |       |      | 6.70E+00                                                |      |      |       |      | 4.50E+00                                                | J    |      |       |      |
| Copper                                                                           | mg/kg | 1.27E+01         | 3.13E+02          | 4.00E+01         | 9.40E+00                                                |      |      |       |      | 6.00E+00                                                |      |      |       |      | 1.34E+01                                                |      | YES  |       |      |
| Iron                                                                             | mg/kg | 3.42E+04         | 2.34E+03          | 2.00E+02         | 9.68E+03                                                |      |      | YES   | YES  | 1.08E+04                                                |      |      | YES   | YES  | 2.14E+04                                                |      |      | YES   | YES  |
| Lead                                                                             | mg/kg | 4.01E+01         | 4.00E+02          | 5.00E+01         | 2.43E+01                                                |      |      |       |      | 3.23E+01                                                |      |      |       |      | 2.34E+01                                                |      |      |       |      |
| Magnesium                                                                        | mg/kg | 1.03E+03         | NA                | 4.40E+05         | 4.17E+02                                                | J    |      |       |      | 2.97E+02                                                | J    |      |       |      | 1.52E+03                                                |      | YES  |       |      |
| Manganese                                                                        | mg/kg | 1.58E+03         | 3.63E+02          | 1.00E+02         | 4.76E+02                                                |      |      | YES   | YES  | 1.34E+03                                                |      |      | YES   | YES  | 4.46E+02                                                |      |      | YES   | YES  |
| Mercury                                                                          | mg/kg | 8.00E-02         | 2.33E+00          | 1.00E-01         | 4.10E-01                                                |      | YES  |       | YES  | 4.80E-02                                                |      |      |       |      | 1.00E-01                                                |      | YES  |       | YES  |
| Nickel                                                                           | mg/kg | 1.03E+01         | 1.54E+02          | 3.00E+01         | 4.20E+00                                                | J    |      |       |      | 4.50E+00                                                | J    |      |       |      | 7.90E+00                                                |      |      |       |      |
| Potassium                                                                        | mg/kg | 8.00E+02         | NA                | NA               | 1.81E+02                                                | J    |      |       |      | 1.20E+02                                                | J    |      |       |      | 3.27E+02                                                | J    |      |       |      |
| Selenium                                                                         | mg/kg | 4.80E-01         | 3.91E+01          | 8.10E-01         | 8.40E-01                                                |      | YES  |       | YES  | 1.10E+00                                                |      | YES  |       | YES  | 1.80E+00                                                |      | YES  |       | YES  |
| Silver                                                                           | mg/kg | 3.60E-01         | 3.91E+01          | 2.00E+00         | 1.00E+00                                                | J    | YES  |       |      | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      |
| Sodium                                                                           | mg/kg | 6.34E+02         | NA                | NA               | 7.26E+01                                                | B    |      |       |      | 6.94E+01                                                | B    |      |       |      | 6.84E+01                                                | B    |      |       |      |
| Vanadium                                                                         | mg/kg | 5.88E+01         | 5.31E+01          | 2.00E+00         | 1.28E+01                                                |      |      |       | YES  | 1.76E+01                                                |      |      |       | YES  | 1.98E+01                                                |      |      |       | YES  |
| Zinc                                                                             | mg/kg | 4.06E+01         | 2.34E+03          | 5.00E+01         | 2.97E+01                                                | J    |      |       |      | 1.49E+01                                                | J    |      |       |      | 5.20E+01                                                | J    | YES  |       | YES  |

Table 5-1

**Surface Soil Analytical Results**  
**Golf Course, Parcels 178(7), 83(7), and 141(7)**  
**Fort McClellan, Calhoun County, Alabama**

(Page 2 of 15)

| Parcel<br>Sample Location<br>Sample Number<br>Sample Date<br>Sample Depth (Feet) |       |                  |                   |                  | 178 REP<br>PPMP-178-SS01<br>KA0001<br>11-Feb-99<br>0- 1 |      |      |       |      | 178 REP<br>PPMP-178-SS02<br>KA0002<br>11-Feb-99<br>0- 1 |      |      |       |      | 178 REP<br>PPMP-178-SS03<br>KA0003<br>11-Feb-99<br>0- 1 |      |      |       |      |
|----------------------------------------------------------------------------------|-------|------------------|-------------------|------------------|---------------------------------------------------------|------|------|-------|------|---------------------------------------------------------|------|------|-------|------|---------------------------------------------------------|------|------|-------|------|
| Parameter                                                                        | Units | BKG <sup>a</sup> | SSSL <sup>b</sup> | ESV <sup>b</sup> | Result                                                  | Qual | >BKG | >SSSL | >ESV | Result                                                  | Qual | >BKG | >SSSL | >ESV | Result                                                  | Qual | >BKG | >SSSL | >ESV |
| <b>PESTICIDES/PCBs (Method 8080)</b>                                             |       |                  |                   |                  |                                                         |      |      |       |      |                                                         |      |      |       |      |                                                         |      |      |       |      |
| 4,4'-DDE                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| 4,4'-DDT                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Chlordane                                                                        | mg/kg | NA               | 1.69E+00          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Dieldrin                                                                         | mg/kg | NA               | 3.88E-02          | 5.00E-04         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| alpha-Chlordane                                                                  | mg/kg | NA               | NA                | NA               | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| gamma-Chlordane                                                                  | mg/kg | NA               | NA                | NA               | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| <b>SEMIVOLATILE ORGANIC COMPOUNDS</b>                                            |       |                  |                   |                  |                                                         |      |      |       |      |                                                         |      |      |       |      |                                                         |      |      |       |      |
| Benzo(a)anthracene                                                               | mg/kg | NA               | 8.51E-01          | 5.21E+00         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Benzo(a)pyrene                                                                   | mg/kg | NA               | 8.51E-02          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Benzo(b)fluoranthene                                                             | mg/kg | NA               | 8.51E-01          | 5.98E+01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Benzo(ghi)perylene                                                               | mg/kg | NA               | 2.32E+02          | 1.19E+02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Benzo(k)fluoranthene                                                             | mg/kg | NA               | 8.51E+00          | 1.48E+02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Chrysene                                                                         | mg/kg | NA               | 8.61E+01          | 4.73E+00         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Di-n-butyl phthalate                                                             | mg/kg | NA               | 7.80E+02          | 2.00E+02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Fluoranthene                                                                     | mg/kg | NA               | 3.09E+02          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Indeno(1,2,3-cd)pyrene                                                           | mg/kg | NA               | 8.51E-01          | 1.09E+02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Phenanthrene                                                                     | mg/kg | NA               | 2.32E+03          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Pyrene                                                                           | mg/kg | NA               | 2.33E+02          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| bis(2-Ethylhexyl)phthalate                                                       | mg/kg | NA               | 4.52E+01          | 9.30E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| <b>VOLATILE ORGANIC COMPOUNDS</b>                                                |       |                  |                   |                  |                                                         |      |      |       |      |                                                         |      |      |       |      |                                                         |      |      |       |      |
| 1,1,1-Trichloroethane                                                            | mg/kg | NA               | 1.55E+03          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| 1,1-Dichloroethene                                                               | mg/kg | NA               | 1.05E+00          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| 1,2-Dichloroethene                                                               | mg/kg | NA               | NA                | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| 2-Butanone                                                                       | mg/kg | NA               | 4.66E+03          | 8.96E+01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Acetone                                                                          | mg/kg | NA               | 7.76E+02          | 2.50E+00         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Benzene                                                                          | mg/kg | NA               | 2.17E+01          | 5.00E-02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Ethylbenzene                                                                     | mg/kg | NA               | 7.77E+02          | 5.00E-02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Methylene chloride                                                               | mg/kg | NA               | 8.41E+01          | 2.00E+00         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Tetrachloroethene                                                                | mg/kg | NA               | 1.21E+01          | 1.00E-02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Toluene                                                                          | mg/kg | NA               | 1.55E+03          | 5.00E-02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Trichloroethene                                                                  | mg/kg | NA               | 5.72E+01          | 1.00E-03         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Xylene, Total                                                                    | mg/kg | NA               | 1.55E+04          | 5.00E-02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| <b>WET CHEMISTRY</b>                                                             |       |                  |                   |                  |                                                         |      |      |       |      |                                                         |      |      |       |      |                                                         |      |      |       |      |
| Total Organic Carbon                                                             | mg/kg | NA               | NA                | NA               | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |

Table 5-1

**Surface Soil Analytical Results**  
**Golf Course, Parcels 178(7), 83(7), and 141(7)**  
**Fort McClellan, Calhoun County, Alabama**

(Page 3 of 15)

| Parcel<br>Sample Location<br>Sample Number<br>Sample Date<br>Sample Depth (Feet) |       |                  |                   |                  | 178 REP<br>PPMP-178-SS04<br>KA0004<br>11-Feb-99<br>0-1 |      |      |       |      | 178 REP<br>PPMP-178-SS05<br>KA0005<br>11-Feb-99<br>0-1 |      |      |       |      | 178 REP<br>PPMP-178-SS06<br>KA0006<br>11-Feb-99<br>0-1 |      |      |       |      |
|----------------------------------------------------------------------------------|-------|------------------|-------------------|------------------|--------------------------------------------------------|------|------|-------|------|--------------------------------------------------------|------|------|-------|------|--------------------------------------------------------|------|------|-------|------|
| Parameter                                                                        | Units | BKG <sup>a</sup> | SSSL <sup>b</sup> | ESV <sup>b</sup> | Result                                                 | Qual | >BKG | >SSSL | >ESV | Result                                                 | Qual | >BKG | >SSSL | >ESV | Result                                                 | Qual | >BKG | >SSSL | >ESV |
| <b>ANIONS</b>                                                                    |       |                  |                   |                  |                                                        |      |      |       |      |                                                        |      |      |       |      |                                                        |      |      |       |      |
| Chloride                                                                         | mg/kg | NA               | NA                | NA               | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      |
| Nitrate                                                                          | mg/kg | NA               | NA                | NA               | 1.60E+01                                               |      |      |       |      | ND                                                     |      |      |       |      | 2.58E+01                                               |      |      |       |      |
| Sulfate                                                                          | mg/kg | NA               | NA                | NA               | 2.08E+01                                               |      |      |       |      | 1.76E+01                                               |      |      |       |      | 3.81E+01                                               |      |      |       |      |
| <b>PESTICIDES (Method 8081A)</b>                                                 |       |                  |                   |                  |                                                        |      |      |       |      |                                                        |      |      |       |      |                                                        |      |      |       |      |
| 4,4'-DDE                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      | 1.70E-03                                               | J    |      |       |      |
| 4,4'-DDT                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      | 1.20E-03                                               | J    |      |       |      |
| Methoxychlor                                                                     | mg/kg | NA               | 3.89E+01          | 1.99E-02         | 1.70E-03                                               | J    |      |       |      | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      |
| <b>METALS</b>                                                                    |       |                  |                   |                  |                                                        |      |      |       |      |                                                        |      |      |       |      |                                                        |      |      |       |      |
| Aluminum                                                                         | mg/kg | 1.63E+04         | 7.80E+03          | 5.00E+01         | 4.02E+03                                               |      |      |       | YES  | 5.27E+03                                               |      |      |       | YES  | 5.93E+03                                               |      |      |       | YES  |
| Arsenic                                                                          | mg/kg | 1.37E+01         | 4.26E-01          | 1.00E+01         | 2.09E+01                                               |      | YES  | YES   | YES  | 5.70E+00                                               |      |      | YES   |      | 1.50E+01                                               |      | YES  | YES   | YES  |
| Barium                                                                           | mg/kg | 1.24E+02         | 5.47E+02          | 1.65E+02         | 6.56E+01                                               |      |      |       |      | 4.01E+01                                               |      |      |       |      | 4.61E+01                                               |      |      |       |      |
| Beryllium                                                                        | mg/kg | 8.00E-01         | 9.60E+00          | 1.10E+00         | 6.50E-01                                               |      |      |       |      | 3.50E-01                                               | J    |      |       |      | 4.90E-01                                               | J    |      |       |      |
| Cadmium                                                                          | mg/kg | 2.90E-01         | 6.25E+00          | 1.60E+00         | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      |
| Calcium                                                                          | mg/kg | 1.72E+03         | NA                | NA               | 1.27E+03                                               |      |      |       |      | 9.33E+02                                               |      |      |       |      | 1.32E+03                                               |      |      |       |      |
| Chromium                                                                         | mg/kg | 3.70E+01         | 2.32E+01          | 4.00E-01         | 8.70E+00                                               | J    |      |       | YES  | 5.40E+00                                               | J    |      |       | YES  | 1.10E+01                                               | J    |      |       | YES  |
| Cobalt                                                                           | mg/kg | 1.52E+01         | 4.68E+02          | 2.00E+01         | 5.70E+00                                               | J    |      |       |      | 3.30E+00                                               | J    |      |       |      | 6.40E+00                                               |      |      |       |      |
| Copper                                                                           | mg/kg | 1.27E+01         | 3.13E+02          | 4.00E+01         | 1.15E+01                                               |      |      |       |      | 1.11E+01                                               |      |      |       |      | 1.58E+01                                               |      | YES  |       |      |
| Iron                                                                             | mg/kg | 3.42E+04         | 2.34E+03          | 2.00E+02         | 1.38E+04                                               |      |      | YES   | YES  | 1.02E+04                                               |      |      | YES   | YES  | 1.69E+04                                               |      |      | YES   | YES  |
| Lead                                                                             | mg/kg | 4.01E+01         | 4.00E+02          | 5.00E+01         | 3.51E+01                                               |      |      |       |      | 4.67E+01                                               |      | YES  |       |      | 2.55E+01                                               |      |      |       |      |
| Magnesium                                                                        | mg/kg | 1.03E+03         | NA                | 4.40E+05         | 6.23E+02                                               | J    |      |       |      | 3.04E+02                                               | J    |      |       |      | 1.42E+03                                               |      | YES  |       |      |
| Manganese                                                                        | mg/kg | 1.58E+03         | 3.63E+02          | 1.00E+02         | 4.42E+02                                               |      |      | YES   | YES  | 4.74E+02                                               |      |      | YES   | YES  | 3.58E+02                                               |      |      |       | YES  |
| Mercury                                                                          | mg/kg | 8.00E-02         | 2.33E+00          | 1.00E-01         | 4.30E-02                                               |      |      |       |      | 5.30E-02                                               |      |      |       |      | 5.40E-02                                               |      |      |       |      |
| Nickel                                                                           | mg/kg | 1.03E+01         | 1.54E+02          | 3.00E+01         | 6.20E+00                                               |      |      |       |      | 3.40E+00                                               | J    |      |       |      | 9.40E+00                                               |      |      |       |      |
| Potassium                                                                        | mg/kg | 8.00E+02         | NA                | NA               | 6.55E+02                                               | J    |      |       |      | 1.22E+02                                               | J    |      |       |      | 3.19E+02                                               | J    |      |       |      |
| Selenium                                                                         | mg/kg | 4.80E-01         | 3.91E+01          | 8.10E-01         | 9.80E-01                                               |      | YES  |       | YES  | 6.70E-01                                               |      | YES  |       |      | 1.20E+00                                               |      | YES  |       | YES  |
| Silver                                                                           | mg/kg | 3.60E-01         | 3.91E+01          | 2.00E+00         | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      |
| Sodium                                                                           | mg/kg | 6.34E+02         | NA                | NA               | 8.07E+01                                               | B    |      |       |      | 7.40E+01                                               | B    |      |       |      | 5.66E+01                                               | B    |      |       |      |
| Vanadium                                                                         | mg/kg | 5.88E+01         | 5.31E+01          | 2.00E+00         | 1.27E+01                                               |      |      |       | YES  | 1.53E+01                                               |      |      |       | YES  | 1.83E+01                                               |      |      |       | YES  |
| Zinc                                                                             | mg/kg | 4.06E+01         | 2.34E+03          | 5.00E+01         | 2.95E+01                                               | J    |      |       |      | 1.04E+01                                               | J    |      |       |      | 4.01E+01                                               | J    |      |       |      |

Table 5-1

**Surface Soil Analytical Results**  
**Golf Course, Parcels 178(7), 83(7), and 141(7)**  
**Fort McClellan, Calhoun County, Alabama**

(Page 4 of 15)

| Parcel<br>Sample Location<br>Sample Number<br>Sample Date<br>Sample Depth (Feet) |       |                  |                   |                  | 178 REP<br>PPMP-178-SS04<br>KA0004<br>11-Feb-99<br>0- 1 |      |      |       |      | 178 REP<br>PPMP-178-SS05<br>KA0005<br>11-Feb-99<br>0- 1 |      |      |       |      | 178 REP<br>PPMP-178-SS06<br>KA0006<br>11-Feb-99<br>0- 1 |      |      |       |      |
|----------------------------------------------------------------------------------|-------|------------------|-------------------|------------------|---------------------------------------------------------|------|------|-------|------|---------------------------------------------------------|------|------|-------|------|---------------------------------------------------------|------|------|-------|------|
| Parameter                                                                        | Units | BKG <sup>a</sup> | SSSL <sup>b</sup> | ESV <sup>b</sup> | Result                                                  | Qual | >BKG | >SSSL | >ESV | Result                                                  | Qual | >BKG | >SSSL | >ESV | Result                                                  | Qual | >BKG | >SSSL | >ESV |
| <b>PESTICIDES/PCBs (Method 8080)</b>                                             |       |                  |                   |                  |                                                         |      |      |       |      |                                                         |      |      |       |      |                                                         |      |      |       |      |
| 4,4'-DDE                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| 4,4'-DDT                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Chlordane                                                                        | mg/kg | NA               | 1.69E+00          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Dieldrin                                                                         | mg/kg | NA               | 3.88E-02          | 5.00E-04         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| alpha-Chlordane                                                                  | mg/kg | NA               | NA                | NA               | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| gamma-Chlordane                                                                  | mg/kg | NA               | NA                | NA               | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| <b>SEMIVOLATILE ORGANIC COMPOUNDS</b>                                            |       |                  |                   |                  |                                                         |      |      |       |      |                                                         |      |      |       |      |                                                         |      |      |       |      |
| Benzo(a)anthracene                                                               | mg/kg | NA               | 8.51E-01          | 5.21E+00         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Benzo(a)pyrene                                                                   | mg/kg | NA               | 8.51E-02          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Benzo(b)fluoranthene                                                             | mg/kg | NA               | 8.51E-01          | 5.98E+01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Benzo(ghi)perylene                                                               | mg/kg | NA               | 2.32E+02          | 1.19E+02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Benzo(k)fluoranthene                                                             | mg/kg | NA               | 8.51E+00          | 1.48E+02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Chrysene                                                                         | mg/kg | NA               | 8.61E+01          | 4.73E+00         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Di-n-butyl phthalate                                                             | mg/kg | NA               | 7.80E+02          | 2.00E+02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Fluoranthene                                                                     | mg/kg | NA               | 3.09E+02          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Indeno(1,2,3-cd)pyrene                                                           | mg/kg | NA               | 8.51E-01          | 1.09E+02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Phenanthrene                                                                     | mg/kg | NA               | 2.32E+03          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Pyrene                                                                           | mg/kg | NA               | 2.33E+02          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| bis(2-Ethylhexyl)phthalate                                                       | mg/kg | NA               | 4.52E+01          | 9.30E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| <b>VOLATILE ORGANIC COMPOUNDS</b>                                                |       |                  |                   |                  |                                                         |      |      |       |      |                                                         |      |      |       |      |                                                         |      |      |       |      |
| 1,1,1-Trichloroethane                                                            | mg/kg | NA               | 1.55E+03          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| 1,1-Dichloroethene                                                               | mg/kg | NA               | 1.05E+00          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| 1,2-Dichloroethene                                                               | mg/kg | NA               | NA                | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| 2-Butanone                                                                       | mg/kg | NA               | 4.66E+03          | 8.96E+01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Acetone                                                                          | mg/kg | NA               | 7.76E+02          | 2.50E+00         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Benzene                                                                          | mg/kg | NA               | 2.17E+01          | 5.00E-02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Ethylbenzene                                                                     | mg/kg | NA               | 7.77E+02          | 5.00E-02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Methylene chloride                                                               | mg/kg | NA               | 8.41E+01          | 2.00E+00         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Tetrachloroethene                                                                | mg/kg | NA               | 1.21E+01          | 1.00E-02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Toluene                                                                          | mg/kg | NA               | 1.55E+03          | 5.00E-02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Trichloroethene                                                                  | mg/kg | NA               | 5.72E+01          | 1.00E-03         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Xylene, Total                                                                    | mg/kg | NA               | 1.55E+04          | 5.00E-02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| <b>WET CHEMISTRY</b>                                                             |       |                  |                   |                  |                                                         |      |      |       |      |                                                         |      |      |       |      |                                                         |      |      |       |      |
| Total Organic Carbon                                                             | mg/kg | NA               | NA                | NA               | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |

Table 5-1

**Surface Soil Analytical Results**  
**Golf Course, Parcels 178(7), 83(7), and 141(7)**  
**Fort McClellan, Calhoun County, Alabama**

(Page 5 of 15)

| Parcel<br>Sample Location<br>Sample Number<br>Sample Date<br>Sample Depth (Feet) |       |                  |                   |                  | 178 REP<br>PPMP-178-SS07<br>KA0007<br>11-Feb-99<br>0- 1 |      |      |       |      | 178 REP<br>PPMP-178-SS08<br>KA0008<br>11-Feb-99<br>0- 1 |      |      |       |      | 178 REP<br>PPMP-178-SS09<br>KA0009<br>11-Feb-99<br>0- 1 |      |      |       |      |
|----------------------------------------------------------------------------------|-------|------------------|-------------------|------------------|---------------------------------------------------------|------|------|-------|------|---------------------------------------------------------|------|------|-------|------|---------------------------------------------------------|------|------|-------|------|
| Parameter                                                                        | Units | BKG <sup>a</sup> | SSSL <sup>b</sup> | ESV <sup>b</sup> | Result                                                  | Qual | >BKG | >SSSL | >ESV | Result                                                  | Qual | >BKG | >SSSL | >ESV | Result                                                  | Qual | >BKG | >SSSL | >ESV |
| <b>ANIONS</b>                                                                    |       |                  |                   |                  |                                                         |      |      |       |      |                                                         |      |      |       |      |                                                         |      |      |       |      |
| Chloride                                                                         | mg/kg | NA               | NA                | NA               | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      |
| Nitrate                                                                          | mg/kg | NA               | NA                | NA               | 7.00E+00                                                |      |      |       |      | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      |
| Sulfate                                                                          | mg/kg | NA               | NA                | NA               | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      |
| <b>PESTICIDES (Method 8081A)</b>                                                 |       |                  |                   |                  |                                                         |      |      |       |      |                                                         |      |      |       |      |                                                         |      |      |       |      |
| 4,4'-DDE                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      |
| 4,4'-DDT                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      |
| Methoxychlor                                                                     | mg/kg | NA               | 3.89E+01          | 1.99E-02         | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      |
| <b>METALS</b>                                                                    |       |                  |                   |                  |                                                         |      |      |       |      |                                                         |      |      |       |      |                                                         |      |      |       |      |
| Aluminum                                                                         | mg/kg | 1.63E+04         | 7.80E+03          | 5.00E+01         | 3.44E+03                                                |      |      |       | YES  | 4.44E+03                                                |      |      |       | YES  | 4.00E+03                                                |      |      |       | YES  |
| Arsenic                                                                          | mg/kg | 1.37E+01         | 4.26E-01          | 1.00E+01         | 1.05E+01                                                |      |      | YES   | YES  | 6.10E+00                                                |      |      | YES   |      | 7.20E+00                                                |      |      | YES   |      |
| Barium                                                                           | mg/kg | 1.24E+02         | 5.47E+02          | 1.65E+02         | 5.10E+01                                                |      |      |       |      | 6.11E+01                                                |      |      |       |      | 5.50E+01                                                |      |      |       |      |
| Beryllium                                                                        | mg/kg | 8.00E-01         | 9.60E+00          | 1.10E+00         | 5.50E-01                                                | J    |      |       |      | 7.70E-01                                                |      |      |       |      | 5.60E-01                                                | J    |      |       |      |
| Cadmium                                                                          | mg/kg | 2.90E-01         | 6.25E+00          | 1.60E+00         | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      |
| Calcium                                                                          | mg/kg | 1.72E+03         | NA                | NA               | 3.41E+03                                                |      | YES  |       |      | 1.44E+03                                                |      |      |       |      | 1.21E+03                                                |      |      |       |      |
| Chromium                                                                         | mg/kg | 3.70E+01         | 2.32E+01          | 4.00E-01         | 6.30E+00                                                | J    |      |       | YES  | 7.60E+00                                                | J    |      |       | YES  | 7.90E+00                                                | J    |      |       | YES  |
| Cobalt                                                                           | mg/kg | 1.52E+01         | 4.68E+02          | 2.00E+01         | 2.90E+00                                                | J    |      |       |      | 1.70E+00                                                | J    |      |       |      | 5.30E+00                                                | J    |      |       |      |
| Copper                                                                           | mg/kg | 1.27E+01         | 3.13E+02          | 4.00E+01         | 6.20E+00                                                |      |      |       |      | 3.80E+00                                                |      |      |       |      | 1.27E+01                                                |      |      |       |      |
| Iron                                                                             | mg/kg | 3.42E+04         | 2.34E+03          | 2.00E+02         | 7.22E+03                                                |      |      | YES   | YES  | 1.12E+04                                                |      |      | YES   | YES  | 1.31E+04                                                |      |      | YES   | YES  |
| Lead                                                                             | mg/kg | 4.01E+01         | 4.00E+02          | 5.00E+01         | 1.96E+01                                                |      |      |       |      | 1.21E+01                                                |      |      |       |      | 4.43E+01                                                |      | YES  |       |      |
| Magnesium                                                                        | mg/kg | 1.03E+03         | NA                | 4.40E+05         | 6.94E+02                                                |      |      |       |      | 4.68E+02                                                | J    |      |       |      | 6.28E+02                                                |      |      |       |      |
| Manganese                                                                        | mg/kg | 1.58E+03         | 3.63E+02          | 1.00E+02         | 2.81E+02                                                |      |      |       | YES  | 9.63E+01                                                |      |      |       |      | 4.00E+02                                                |      |      | YES   | YES  |
| Mercury                                                                          | mg/kg | 8.00E-02         | 2.33E+00          | 1.00E-01         | 4.40E-02                                                |      |      |       |      | 8.80E-02                                                |      | YES  |       |      | 4.00E-02                                                | J    |      |       |      |
| Nickel                                                                           | mg/kg | 1.03E+01         | 1.54E+02          | 3.00E+01         | 4.40E+00                                                | J    |      |       |      | 3.60E+00                                                | J    |      |       |      | 6.30E+00                                                |      |      |       |      |
| Potassium                                                                        | mg/kg | 8.00E+02         | NA                | NA               | 3.85E+02                                                | J    |      |       |      | 2.56E+02                                                | J    |      |       |      | 4.03E+02                                                | J    |      |       |      |
| Selenium                                                                         | mg/kg | 4.80E-01         | 3.91E+01          | 8.10E-01         | 9.40E-01                                                |      | YES  |       | YES  | 7.00E-01                                                |      | YES  |       |      | 8.80E-01                                                |      | YES  |       | YES  |
| Silver                                                                           | mg/kg | 3.60E-01         | 3.91E+01          | 2.00E+00         | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      | ND                                                      |      |      |       |      |
| Sodium                                                                           | mg/kg | 6.34E+02         | NA                | NA               | 6.94E+01                                                | B    |      |       |      | 7.50E+01                                                | B    |      |       |      | 6.40E+01                                                | B    |      |       |      |
| Vanadium                                                                         | mg/kg | 5.88E+01         | 5.31E+01          | 2.00E+00         | 1.06E+01                                                |      |      |       | YES  | 1.48E+01                                                |      |      |       | YES  | 1.26E+01                                                |      |      |       | YES  |
| Zinc                                                                             | mg/kg | 4.06E+01         | 2.34E+03          | 5.00E+01         | 5.27E+01                                                | J    | YES  |       | YES  | 1.44E+01                                                | J    |      |       |      | 3.05E+01                                                | J    |      |       |      |

Table 5-1

**Surface Soil Analytical Results**  
**Golf Course, Parcels 178(7), 83(7), and 141(7)**  
**Fort McClellan, Calhoun County, Alabama**

(Page 6 of 15)

| Parcel<br>Sample Location<br>Sample Number<br>Sample Date<br>Sample Depth (Feet) |       |                  |                   |                  | 178 REP<br>PPMP-178-SS07<br>KA0007<br>11-Feb-99<br>0- 1 |      |      |       |      | 178 REP<br>PPMP-178-SS08<br>KA0008<br>11-Feb-99<br>0- 1 |      |      |       |      | 178 REP<br>PPMP-178-SS09<br>KA0009<br>11-Feb-99<br>0- 1 |      |      |       |      |
|----------------------------------------------------------------------------------|-------|------------------|-------------------|------------------|---------------------------------------------------------|------|------|-------|------|---------------------------------------------------------|------|------|-------|------|---------------------------------------------------------|------|------|-------|------|
| Parameter                                                                        | Units | BKG <sup>a</sup> | SSSL <sup>b</sup> | ESV <sup>b</sup> | Result                                                  | Qual | >BKG | >SSSL | >ESV | Result                                                  | Qual | >BKG | >SSSL | >ESV | Result                                                  | Qual | >BKG | >SSSL | >ESV |
| <b>PESTICIDES/PCBs (Method 8080)</b>                                             |       |                  |                   |                  |                                                         |      |      |       |      |                                                         |      |      |       |      |                                                         |      |      |       |      |
| 4,4'-DDE                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| 4,4'-DDT                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Chlordane                                                                        | mg/kg | NA               | 1.69E+00          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Dieldrin                                                                         | mg/kg | NA               | 3.88E-02          | 5.00E-04         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| alpha-Chlordane                                                                  | mg/kg | NA               | NA                | NA               | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| gamma-Chlordane                                                                  | mg/kg | NA               | NA                | NA               | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| <b>SEMIVOLATILE ORGANIC COMPOUNDS</b>                                            |       |                  |                   |                  |                                                         |      |      |       |      |                                                         |      |      |       |      |                                                         |      |      |       |      |
| Benzo(a)anthracene                                                               | mg/kg | NA               | 8.51E-01          | 5.21E+00         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Benzo(a)pyrene                                                                   | mg/kg | NA               | 8.51E-02          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Benzo(b)fluoranthene                                                             | mg/kg | NA               | 8.51E-01          | 5.98E+01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Benzo(ghi)perylene                                                               | mg/kg | NA               | 2.32E+02          | 1.19E+02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Benzo(k)fluoranthene                                                             | mg/kg | NA               | 8.51E+00          | 1.48E+02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Chrysene                                                                         | mg/kg | NA               | 8.61E+01          | 4.73E+00         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Di-n-butyl phthalate                                                             | mg/kg | NA               | 7.80E+02          | 2.00E+02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Fluoranthene                                                                     | mg/kg | NA               | 3.09E+02          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Indeno(1,2,3-cd)pyrene                                                           | mg/kg | NA               | 8.51E-01          | 1.09E+02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Phenanthrene                                                                     | mg/kg | NA               | 2.32E+03          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Pyrene                                                                           | mg/kg | NA               | 2.33E+02          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| bis(2-Ethylhexyl)phthalate                                                       | mg/kg | NA               | 4.52E+01          | 9.30E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| <b>VOLATILE ORGANIC COMPOUNDS</b>                                                |       |                  |                   |                  |                                                         |      |      |       |      |                                                         |      |      |       |      |                                                         |      |      |       |      |
| 1,1,1-Trichloroethane                                                            | mg/kg | NA               | 1.55E+03          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| 1,1-Dichloroethene                                                               | mg/kg | NA               | 1.05E+00          | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| 1,2-Dichloroethene                                                               | mg/kg | NA               | NA                | 1.00E-01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| 2-Butanone                                                                       | mg/kg | NA               | 4.66E+03          | 8.96E+01         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Acetone                                                                          | mg/kg | NA               | 7.76E+02          | 2.50E+00         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Benzene                                                                          | mg/kg | NA               | 2.17E+01          | 5.00E-02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Ethylbenzene                                                                     | mg/kg | NA               | 7.77E+02          | 5.00E-02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Methylene chloride                                                               | mg/kg | NA               | 8.41E+01          | 2.00E+00         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Tetrachloroethene                                                                | mg/kg | NA               | 1.21E+01          | 1.00E-02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Toluene                                                                          | mg/kg | NA               | 1.55E+03          | 5.00E-02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Trichloroethene                                                                  | mg/kg | NA               | 5.72E+01          | 1.00E-03         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| Xylene, Total                                                                    | mg/kg | NA               | 1.55E+04          | 5.00E-02         | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |
| <b>WET CHEMISTRY</b>                                                             |       |                  |                   |                  |                                                         |      |      |       |      |                                                         |      |      |       |      |                                                         |      |      |       |      |
| Total Organic Carbon                                                             | mg/kg | NA               | NA                | NA               | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      | NR                                                      |      |      |       |      |

Table 5-1

**Surface Soil Analytical Results**  
**Golf Course, Parcels 178(7), 83(7), and 141(7)**  
**Fort McClellan, Calhoun County, Alabama**

(Page 7 of 15)

| Parcel<br>Sample Location<br>Sample Number<br>Sample Date<br>Sample Depth (Feet) |       |                  |                   |                  | 178 REP<br>PPMP-178-SS10<br>KA0010<br>11-Feb-99<br>0-1 |      |      |       |      | 178 REP<br>PPMP-178-SS11<br>KA0011<br>11-Feb-99<br>0-1 |      |      |       |      | 178 REP<br>PPMP-178-SS12<br>KA0014<br>11-Feb-99<br>0-1 |      |      |       |      |
|----------------------------------------------------------------------------------|-------|------------------|-------------------|------------------|--------------------------------------------------------|------|------|-------|------|--------------------------------------------------------|------|------|-------|------|--------------------------------------------------------|------|------|-------|------|
| Parameter                                                                        | Units | BKG <sup>a</sup> | SSSL <sup>b</sup> | ESV <sup>b</sup> | Result                                                 | Qual | >BKG | >SSSL | >ESV | Result                                                 | Qual | >BKG | >SSSL | >ESV | Result                                                 | Qual | >BKG | >SSSL | >ESV |
| <b>ANIONS</b>                                                                    |       |                  |                   |                  |                                                        |      |      |       |      |                                                        |      |      |       |      |                                                        |      |      |       |      |
| Chloride                                                                         | mg/kg | NA               | NA                | NA               | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      |
| Nitrate                                                                          | mg/kg | NA               | NA                | NA               | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      |
| Sulfate                                                                          | mg/kg | NA               | NA                | NA               | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      |
| <b>PESTICIDES (Method 8081A)</b>                                                 |       |                  |                   |                  |                                                        |      |      |       |      |                                                        |      |      |       |      |                                                        |      |      |       |      |
| 4,4'-DDE                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | 1.70E-03                                               | J    |      |       |      | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      |
| 4,4'-DDT                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | 1.50E-03                                               | J    |      |       |      | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      |
| Methoxychlor                                                                     | mg/kg | NA               | 3.89E+01          | 1.99E-02         | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      |
| <b>METALS</b>                                                                    |       |                  |                   |                  |                                                        |      |      |       |      |                                                        |      |      |       |      |                                                        |      |      |       |      |
| Aluminum                                                                         | mg/kg | 1.63E+04         | 7.80E+03          | 5.00E+01         | 4.60E+03                                               |      |      |       | YES  | 6.47E+03                                               |      |      |       | YES  | 4.42E+03                                               |      |      |       | YES  |
| Arsenic                                                                          | mg/kg | 1.37E+01         | 4.26E-01          | 1.00E+01         | 4.43E+01                                               |      | YES  | YES   | YES  | 1.34E+01                                               |      |      | YES   | YES  | 9.20E+00                                               |      |      | YES   |      |
| Barium                                                                           | mg/kg | 1.24E+02         | 5.47E+02          | 1.65E+02         | 4.64E+01                                               |      |      |       |      | 6.64E+01                                               |      |      |       |      | 2.75E+01                                               |      |      |       |      |
| Beryllium                                                                        | mg/kg | 8.00E-01         | 9.60E+00          | 1.10E+00         | 5.50E-01                                               | J    |      |       |      | 7.10E-01                                               |      |      |       |      | 2.30E-01                                               | J    |      |       |      |
| Cadmium                                                                          | mg/kg | 2.90E-01         | 6.25E+00          | 1.60E+00         | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      |
| Calcium                                                                          | mg/kg | 1.72E+03         | NA                | NA               | 1.96E+03                                               |      | YES  |       |      | 1.25E+03                                               |      |      |       |      | 9.36E+02                                               |      |      |       |      |
| Chromium                                                                         | mg/kg | 3.70E+01         | 2.32E+01          | 4.00E-01         | 1.12E+01                                               | J    |      |       | YES  | 1.06E+01                                               | J    |      |       | YES  | 8.90E+00                                               | J    |      |       | YES  |
| Cobalt                                                                           | mg/kg | 1.52E+01         | 4.68E+02          | 2.00E+01         | 4.50E+00                                               | J    |      |       |      | 6.10E+00                                               | J    |      |       |      | 1.60E+00                                               | J    |      |       |      |
| Copper                                                                           | mg/kg | 1.27E+01         | 3.13E+02          | 4.00E+01         | 2.89E+01                                               |      | YES  |       |      | 1.91E+01                                               |      | YES  |       |      | 4.80E+00                                               |      |      |       |      |
| Iron                                                                             | mg/kg | 3.42E+04         | 2.34E+03          | 2.00E+02         | 1.14E+04                                               |      |      | YES   | YES  | 2.03E+04                                               |      |      | YES   | YES  | 1.11E+04                                               |      |      | YES   | YES  |
| Lead                                                                             | mg/kg | 4.01E+01         | 4.00E+02          | 5.00E+01         | 9.33E+01                                               |      | YES  |       | YES  | 1.89E+01                                               |      |      |       |      | 1.82E+01                                               |      |      |       |      |
| Magnesium                                                                        | mg/kg | 1.03E+03         | NA                | 4.40E+05         | 6.08E+02                                               | J    |      |       |      | 1.72E+03                                               |      | YES  |       |      | 2.73E+02                                               | J    |      |       |      |
| Manganese                                                                        | mg/kg | 1.58E+03         | 3.63E+02          | 1.00E+02         | 6.00E+02                                               |      |      | YES   | YES  | 3.00E+02                                               |      |      |       | YES  | 1.35E+02                                               |      |      |       | YES  |
| Mercury                                                                          | mg/kg | 8.00E-02         | 2.33E+00          | 1.00E-01         | 7.00E-02                                               |      |      |       |      | 3.10E-02                                               | J    |      |       |      | 5.30E-02                                               |      |      |       |      |
| Nickel                                                                           | mg/kg | 1.03E+01         | 1.54E+02          | 3.00E+01         | 3.60E+00                                               | J    |      |       |      | 1.58E+01                                               |      | YES  |       |      | 1.90E+00                                               | J    |      |       |      |
| Potassium                                                                        | mg/kg | 8.00E+02         | NA                | NA               | 3.42E+02                                               | J    |      |       |      | 2.66E+02                                               | J    |      |       |      | 2.16E+02                                               | J    |      |       |      |
| Selenium                                                                         | mg/kg | 4.80E-01         | 3.91E+01          | 8.10E-01         | 9.10E-01                                               |      | YES  |       | YES  | 1.50E+00                                               |      | YES  |       | YES  | 8.30E-01                                               |      | YES  |       | YES  |
| Silver                                                                           | mg/kg | 3.60E-01         | 3.91E+01          | 2.00E+00         | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      | ND                                                     |      |      |       |      |
| Sodium                                                                           | mg/kg | 6.34E+02         | NA                | NA               | 8.21E+01                                               | B    |      |       |      | 7.28E+01                                               | B    |      |       |      | 6.45E+01                                               | B    |      |       |      |
| Vanadium                                                                         | mg/kg | 5.88E+01         | 5.31E+01          | 2.00E+00         | 1.63E+01                                               |      |      |       | YES  | 2.11E+01                                               |      |      |       | YES  | 1.54E+01                                               |      |      |       | YES  |
| Zinc                                                                             | mg/kg | 4.06E+01         | 2.34E+03          | 5.00E+01         | 3.30E+01                                               | J    |      |       |      | 5.04E+01                                               | J    | YES  |       | YES  | 1.25E+01                                               | J    |      |       |      |

Table 5-1

**Surface Soil Analytical Results**  
**Golf Course, Parcels 178(7), 83(7), and 141(7)**  
**Fort McClellan, Calhoun County, Alabama**

(Page 8 of 15)

| Parcel<br>Sample Location<br>Sample Number<br>Sample Date<br>Sample Depth (Feet) |       |                  |                   |                  | 178 REP<br>PPMP-178-SS10<br>KA0010<br>11-Feb-99<br>0-1 |      |      |       |      | 178 REP<br>PPMP-178-SS11<br>KA0011<br>11-Feb-99<br>0-1 |      |      |       |      | 178 REP<br>PPMP-178-SS12<br>KA0014<br>11-Feb-99<br>0-1 |      |      |       |      |
|----------------------------------------------------------------------------------|-------|------------------|-------------------|------------------|--------------------------------------------------------|------|------|-------|------|--------------------------------------------------------|------|------|-------|------|--------------------------------------------------------|------|------|-------|------|
| Parameter                                                                        | Units | BKG <sup>a</sup> | SSSL <sup>b</sup> | ESV <sup>b</sup> | Result                                                 | Qual | >BKG | >SSSL | >ESV | Result                                                 | Qual | >BKG | >SSSL | >ESV | Result                                                 | Qual | >BKG | >SSSL | >ESV |
| <b>PESTICIDES/PCBs (Method 8080)</b>                                             |       |                  |                   |                  |                                                        |      |      |       |      |                                                        |      |      |       |      |                                                        |      |      |       |      |
| 4,4'-DDE                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| 4,4'-DDT                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Chlordane                                                                        | mg/kg | NA               | 1.69E+00          | 1.00E-01         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Dieldrin                                                                         | mg/kg | NA               | 3.88E-02          | 5.00E-04         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| alpha-Chlordane                                                                  | mg/kg | NA               | NA                | NA               | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| gamma-Chlordane                                                                  | mg/kg | NA               | NA                | NA               | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| <b>SEMIVOLATILE ORGANIC COMPOUNDS</b>                                            |       |                  |                   |                  |                                                        |      |      |       |      |                                                        |      |      |       |      |                                                        |      |      |       |      |
| Benzo(a)anthracene                                                               | mg/kg | NA               | 8.51E-01          | 5.21E+00         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Benzo(a)pyrene                                                                   | mg/kg | NA               | 8.51E-02          | 1.00E-01         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Benzo(b)fluoranthene                                                             | mg/kg | NA               | 8.51E-01          | 5.98E+01         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Benzo(ghi)perylene                                                               | mg/kg | NA               | 2.32E+02          | 1.19E+02         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Benzo(k)fluoranthene                                                             | mg/kg | NA               | 8.51E+00          | 1.48E+02         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Chrysene                                                                         | mg/kg | NA               | 8.61E+01          | 4.73E+00         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Di-n-butyl phthalate                                                             | mg/kg | NA               | 7.80E+02          | 2.00E+02         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Fluoranthene                                                                     | mg/kg | NA               | 3.09E+02          | 1.00E-01         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Indeno(1,2,3-cd)pyrene                                                           | mg/kg | NA               | 8.51E-01          | 1.09E+02         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Phenanthrene                                                                     | mg/kg | NA               | 2.32E+03          | 1.00E-01         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Pyrene                                                                           | mg/kg | NA               | 2.33E+02          | 1.00E-01         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| bis(2-Ethylhexyl)phthalate                                                       | mg/kg | NA               | 4.52E+01          | 9.30E-01         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| <b>VOLATILE ORGANIC COMPOUNDS</b>                                                |       |                  |                   |                  |                                                        |      |      |       |      |                                                        |      |      |       |      |                                                        |      |      |       |      |
| 1,1,1-Trichloroethane                                                            | mg/kg | NA               | 1.55E+03          | 1.00E-01         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| 1,1-Dichloroethene                                                               | mg/kg | NA               | 1.05E+00          | 1.00E-01         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| 1,2-Dichloroethene                                                               | mg/kg | NA               | NA                | 1.00E-01         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| 2-Butanone                                                                       | mg/kg | NA               | 4.66E+03          | 8.96E+01         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Acetone                                                                          | mg/kg | NA               | 7.76E+02          | 2.50E+00         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Benzene                                                                          | mg/kg | NA               | 2.17E+01          | 5.00E-02         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Ethylbenzene                                                                     | mg/kg | NA               | 7.77E+02          | 5.00E-02         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Methylene chloride                                                               | mg/kg | NA               | 8.41E+01          | 2.00E+00         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Tetrachloroethene                                                                | mg/kg | NA               | 1.21E+01          | 1.00E-02         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Toluene                                                                          | mg/kg | NA               | 1.55E+03          | 5.00E-02         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Trichloroethene                                                                  | mg/kg | NA               | 5.72E+01          | 1.00E-03         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| Xylene, Total                                                                    | mg/kg | NA               | 1.55E+04          | 5.00E-02         | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |
| <b>WET CHEMISTRY</b>                                                             |       |                  |                   |                  |                                                        |      |      |       |      |                                                        |      |      |       |      |                                                        |      |      |       |      |
| Total Organic Carbon                                                             | mg/kg | NA               | NA                | NA               | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      | NR                                                     |      |      |       |      |

Table 5-1

**Surface Soil Analytical Results**  
**Golf Course, Parcels 178(7), 83(7), and 141(7)**  
**Fort McClellan, Calhoun County, Alabama**

(Page 9 of 15)

| Parcel<br>Sample Location<br>Sample Number<br>Sample Date<br>Sample Depth (Feet) |       |                  |                   |                  | 178 REP<br>SI07-SS01<br>07-SS01A<br>19-May-98<br>0- 1 |      |      |       |      | 178 REP<br>SI07-SS02<br>07-SS02A<br>19-May-98<br>0- 1 |      |      |       |      | 178 REP<br>SI07-SS03<br>07-SS03A<br>18-May-98<br>0- 1 |      |      |       |      |
|----------------------------------------------------------------------------------|-------|------------------|-------------------|------------------|-------------------------------------------------------|------|------|-------|------|-------------------------------------------------------|------|------|-------|------|-------------------------------------------------------|------|------|-------|------|
| Parameter                                                                        | Units | BKG <sup>a</sup> | SSSL <sup>b</sup> | ESV <sup>b</sup> | Result                                                | Qual | >BKG | >SSSL | >ESV | Result                                                | Qual | >BKG | >SSSL | >ESV | Result                                                | Qual | >BKG | >SSSL | >ESV |
| <b>ANIONS</b>                                                                    |       |                  |                   |                  |                                                       |      |      |       |      |                                                       |      |      |       |      |                                                       |      |      |       |      |
| Chloride                                                                         | mg/kg | NA               | NA                | NA               | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      |
| Nitrate                                                                          | mg/kg | NA               | NA                | NA               | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      |
| Sulfate                                                                          | mg/kg | NA               | NA                | NA               | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      |
| <b>PESTICIDES (Method 8081A)</b>                                                 |       |                  |                   |                  |                                                       |      |      |       |      |                                                       |      |      |       |      |                                                       |      |      |       |      |
| 4,4'-DDE                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      |
| 4,4'-DDT                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      |
| Methoxychlor                                                                     | mg/kg | NA               | 3.89E+01          | 1.99E-02         | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      |
| <b>METALS</b>                                                                    |       |                  |                   |                  |                                                       |      |      |       |      |                                                       |      |      |       |      |                                                       |      |      |       |      |
| Aluminum                                                                         | mg/kg | 1.63E+04         | 7.80E+03          | 5.00E+01         | 4.79E+03                                              | J    |      |       | YES  | 2.54E+03                                              | J    |      |       | YES  | 1.11E+04                                              |      |      | YES   | YES  |
| Arsenic                                                                          | mg/kg | 1.37E+01         | 4.26E-01          | 1.00E+01         | 1.30E+01                                              | J    |      | YES   | YES  | 1.95E+00                                              |      |      | YES   |      | 1.30E+01                                              |      |      | YES   | YES  |
| Barium                                                                           | mg/kg | 1.24E+02         | 5.47E+02          | 1.65E+02         | 1.67E+01                                              | J    |      |       |      | 1.85E+01                                              | J    |      |       |      | 6.96E+01                                              |      |      |       |      |
| Beryllium                                                                        | mg/kg | 8.00E-01         | 9.60E+00          | 1.10E+00         | 4.01E-01                                              | J    |      |       |      | 1.96E-01                                              |      |      |       |      | 9.92E-01                                              |      | YES  |       |      |
| Cadmium                                                                          | mg/kg | 2.90E-01         | 6.25E+00          | 1.60E+00         | ND                                                    |      |      |       |      | ND                                                    |      |      |       |      | 3.42E-01                                              |      | YES  |       |      |
| Calcium                                                                          | mg/kg | 1.72E+03         | NA                | NA               | 1.11E+03                                              |      |      |       |      | 5.65E+02                                              | J    |      |       |      | 4.33E+04                                              |      | YES  |       |      |
| Chromium                                                                         | mg/kg | 3.70E+01         | 2.32E+01          | 4.00E-01         | 1.45E+01                                              |      |      |       | YES  | 3.46E+00                                              |      |      |       | YES  | 1.25E+01                                              |      |      |       | YES  |
| Cobalt                                                                           | mg/kg | 1.52E+01         | 4.68E+02          | 2.00E+01         | 3.12E+00                                              |      |      |       |      | 9.69E-01                                              | J    |      |       |      | 7.18E+00                                              |      |      |       |      |
| Copper                                                                           | mg/kg | 1.27E+01         | 3.13E+02          | 4.00E+01         | 7.80E+00                                              | J    |      |       |      | 4.96E+00                                              |      |      |       |      | 1.71E+01                                              |      | YES  |       |      |
| Iron                                                                             | mg/kg | 3.42E+04         | 2.34E+03          | 2.00E+02         | 1.34E+04                                              | J    |      | YES   | YES  | 4.50E+03                                              | J    |      | YES   | YES  | 1.82E+04                                              |      |      | YES   | YES  |
| Lead                                                                             | mg/kg | 4.01E+01         | 4.00E+02          | 5.00E+01         | 1.34E+01                                              | J    |      |       |      | 2.77E+00                                              | J    |      |       |      | 2.85E+01                                              |      |      |       |      |
| Magnesium                                                                        | mg/kg | 1.03E+03         | NA                | 4.40E+05         | 5.35E+02                                              |      |      |       |      | 1.85E+02                                              | J    |      |       |      | 2.28E+04                                              |      | YES  |       |      |
| Manganese                                                                        | mg/kg | 1.58E+03         | 3.63E+02          | 1.00E+02         | 1.67E+02                                              | J    |      |       | YES  | 4.96E+01                                              | J    |      |       |      | 9.12E+02                                              |      |      | YES   | YES  |
| Mercury                                                                          | mg/kg | 8.00E-02         | 2.33E+00          | 1.00E-01         | ND                                                    |      |      |       |      | ND                                                    |      |      |       |      | 8.67E-02                                              |      | YES  |       |      |
| Nickel                                                                           | mg/kg | 1.03E+01         | 1.54E+02          | 3.00E+01         | 5.91E+00                                              | J    |      |       |      | 1.73E+00                                              |      |      |       |      | 6.39E+00                                              |      |      |       |      |
| Potassium                                                                        | mg/kg | 8.00E+02         | NA                | NA               | 2.34E+02                                              | J    |      |       |      | 1.15E+03                                              | J    |      | YES   |      | 7.18E+02                                              |      |      |       |      |
| Selenium                                                                         | mg/kg | 4.80E-01         | 3.91E+01          | 8.10E-01         | 9.15E-01                                              |      | YES  |       | YES  | ND                                                    |      |      |       |      | 7.83E-01                                              |      | YES  |       |      |
| Silver                                                                           | mg/kg | 3.60E-01         | 3.91E+01          | 2.00E+00         | ND                                                    |      |      |       |      | ND                                                    |      |      |       |      | ND                                                    |      |      |       |      |
| Sodium                                                                           | mg/kg | 6.34E+02         | NA                | NA               | 1.67E+03                                              | J    | YES  |       |      | 1.27E+02                                              |      |      |       |      | 2.28E+02                                              |      |      |       |      |
| Vanadium                                                                         | mg/kg | 5.88E+01         | 5.31E+01          | 2.00E+00         | 2.12E+01                                              |      |      |       | YES  | 4.15E+00                                              | J    |      |       | YES  | 2.51E+01                                              |      |      |       | YES  |
| Zinc                                                                             | mg/kg | 4.06E+01         | 2.34E+03          | 5.00E+01         | 5.13E+01                                              | J    | YES  |       | YES  | 3.58E+00                                              | J    |      |       |      | 4.45E+01                                              |      | YES  |       |      |

Table 5-1

**Surface Soil Analytical Results**  
**Golf Course, Parcels 178(7), 83(7), and 141(7)**  
**Fort McClellan, Calhoun County, Alabama**

(Page 10 of 15)

| Parcel<br>Sample Location<br>Sample Number<br>Sample Date<br>Sample Depth (Feet) |       |                  |                   |                  | 178 REP<br>SI07-SS01<br>07-SS01A<br>19-May-98<br>0- 1 |      |      |       |      | 178 REP<br>SI07-SS02<br>07-SS02A<br>19-May-98<br>0- 1 |      |      |       |      | 178 REP<br>SI07-SS03<br>07-SS03A<br>18-May-98<br>0- 1 |      |      |       |      |
|----------------------------------------------------------------------------------|-------|------------------|-------------------|------------------|-------------------------------------------------------|------|------|-------|------|-------------------------------------------------------|------|------|-------|------|-------------------------------------------------------|------|------|-------|------|
| Parameter                                                                        | Units | BKG <sup>a</sup> | SSSL <sup>b</sup> | ESV <sup>b</sup> | Result                                                | Qual | >BKG | >SSSL | >ESV | Result                                                | Qual | >BKG | >SSSL | >ESV | Result                                                | Qual | >BKG | >SSSL | >ESV |
| <b>PESTICIDES/PCBs (Method 8080)</b>                                             |       |                  |                   |                  |                                                       |      |      |       |      |                                                       |      |      |       |      |                                                       |      |      |       |      |
| 4,4'-DDE                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | 1.56E-03                                              |      |      |       |      | ND                                                    |      |      |       |      | 1.94E-03                                              |      |      |       |      |
| 4,4'-DDT                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | ND                                                    |      |      |       |      | 2.77E-03                                              | UJ   |      |       | YES  | ND                                                    |      |      |       |      |
| Chlordane                                                                        | mg/kg | NA               | 1.69E+00          | 1.00E-01         | 9.14E-03                                              |      |      |       |      | 2.08E-02                                              |      |      |       |      | 1.14E-02                                              |      |      |       |      |
| Dieldrin                                                                         | mg/kg | NA               | 3.88E-02          | 5.00E-04         | 6.91E-03                                              |      |      |       | YES  | ND                                                    |      |      |       |      | 6.39E-03                                              |      |      |       | YES  |
| alpha-Chlordane                                                                  | mg/kg | NA               | NA                | NA               | 1.45E-03                                              |      |      |       |      | 2.42E-03                                              |      |      |       |      | 2.51E-03                                              |      |      |       |      |
| gamma-Chlordane                                                                  | mg/kg | NA               | NA                | NA               | 1.23E-03                                              |      |      |       |      | 2.42E-03                                              |      |      |       |      | 1.05E-03                                              |      |      |       |      |
| <b>SEMIVOLATILE ORGANIC COMPOUNDS</b>                                            |       |                  |                   |                  |                                                       |      |      |       |      |                                                       |      |      |       |      |                                                       |      |      |       |      |
| Benzo(a)anthracene                                                               | mg/kg | NA               | 8.51E-01          | 5.21E+00         | ND                                                    |      |      |       |      | 5.21E-02                                              | J    |      |       |      | ND                                                    |      |      |       |      |
| Benzo(a)pyrene                                                                   | mg/kg | NA               | 8.51E-02          | 1.00E-01         | ND                                                    |      |      |       |      | 6.89E-02                                              | J    |      |       |      | ND                                                    |      |      |       |      |
| Benzo(b)fluoranthene                                                             | mg/kg | NA               | 8.51E-01          | 5.98E+01         | ND                                                    |      |      |       |      | 9.30E-02                                              | J    |      |       |      | ND                                                    |      |      |       |      |
| Benzo(ghi)perylene                                                               | mg/kg | NA               | 2.32E+02          | 1.19E+02         | ND                                                    |      |      |       |      | 4.39E-02                                              | J    |      |       |      | ND                                                    |      |      |       |      |
| Benzo(k)fluoranthene                                                             | mg/kg | NA               | 8.51E+00          | 1.48E+02         | ND                                                    |      |      |       |      | 6.21E-02                                              | J    |      |       |      | ND                                                    |      |      |       |      |
| Chrysene                                                                         | mg/kg | NA               | 8.61E+01          | 4.73E+00         | ND                                                    |      |      |       |      | 7.54E-02                                              | J    |      |       |      | ND                                                    |      |      |       |      |
| Di-n-butyl phthalate                                                             | mg/kg | NA               | 7.80E+02          | 2.00E+02         | 1.20E-01                                              | J    |      |       |      | ND                                                    |      |      |       |      | ND                                                    |      |      |       |      |
| Fluoranthene                                                                     | mg/kg | NA               | 3.09E+02          | 1.00E-01         | ND                                                    |      |      |       |      | 1.15E-01                                              |      |      |       | YES  | ND                                                    |      |      |       |      |
| Indeno(1,2,3-cd)pyrene                                                           | mg/kg | NA               | 8.51E-01          | 1.09E+02         | ND                                                    |      |      |       |      | 4.40E-02                                              | J    |      |       |      | ND                                                    |      |      |       |      |
| Phenanthrene                                                                     | mg/kg | NA               | 2.32E+03          | 1.00E-01         | ND                                                    |      |      |       |      | 4.81E-02                                              | J    |      |       |      | ND                                                    |      |      |       |      |
| Pyrene                                                                           | mg/kg | NA               | 2.33E+02          | 1.00E-01         | ND                                                    |      |      |       |      | 8.01E-02                                              | J    |      |       |      | ND                                                    |      |      |       |      |
| bis(2-Ethylhexyl)phthalate                                                       | mg/kg | NA               | 4.52E+01          | 9.30E-01         | 1.78E-01                                              |      |      |       |      | 3.32E-02                                              | B    |      |       |      | 5.16E-02                                              | B    |      |       |      |
| <b>VOLATILE ORGANIC COMPOUNDS</b>                                                |       |                  |                   |                  |                                                       |      |      |       |      |                                                       |      |      |       |      |                                                       |      |      |       |      |
| 1,1,1-Trichloroethane                                                            | mg/kg | NA               | 1.55E+03          | 1.00E-01         | 7.90E-03                                              | J    |      |       |      | 7.80E-03                                              |      |      |       |      | 1.80E-02                                              |      |      |       |      |
| 1,1-Dichloroethene                                                               | mg/kg | NA               | 1.05E+00          | 1.00E-01         | ND                                                    |      |      |       |      | ND                                                    |      |      |       |      | 1.40E-03                                              | J    |      |       |      |
| 1,2-Dichloroethene                                                               | mg/kg | NA               | NA                | 1.00E-01         | ND                                                    |      |      |       |      | ND                                                    |      |      |       |      | 1.00E-03                                              | J    |      |       |      |
| 2-Butanone                                                                       | mg/kg | NA               | 4.66E+03          | 8.96E+01         | 2.70E-02                                              |      |      |       |      | 2.40E-02                                              | J    |      |       |      | 3.40E-02                                              |      |      |       |      |
| Acetone                                                                          | mg/kg | NA               | 7.76E+02          | 2.50E+00         | 2.90E-01                                              |      |      |       |      | 3.20E-01                                              | J    |      |       |      | 3.20E-01                                              |      |      |       |      |
| Benzene                                                                          | mg/kg | NA               | 2.17E+01          | 5.00E-02         | 8.10E-04                                              | J    |      |       |      | 8.00E-04                                              | J    |      |       |      | 7.40E-04                                              | J    |      |       |      |
| Ethylbenzene                                                                     | mg/kg | NA               | 7.77E+02          | 5.00E-02         | 5.30E-03                                              |      |      |       |      | 4.20E-03                                              | J    |      |       |      | 3.10E-03                                              | J    |      |       |      |
| Methylene chloride                                                               | mg/kg | NA               | 8.41E+01          | 2.00E+00         | 6.70E-03                                              | B    |      |       |      | 8.60E-03                                              | B    |      |       |      | 2.40E-02                                              | B    |      |       |      |
| Tetrachloroethene                                                                | mg/kg | NA               | 1.21E+01          | 1.00E-02         | 2.90E-02                                              | J    |      |       | YES  | 2.20E-02                                              | J    |      |       | YES  | 1.60E-02                                              |      |      |       | YES  |
| Toluene                                                                          | mg/kg | NA               | 1.55E+03          | 5.00E-02         | 3.60E-03                                              | J    |      |       |      | 5.80E-03                                              | J    |      |       |      | 3.00E-03                                              | J    |      |       |      |
| Trichloroethene                                                                  | mg/kg | NA               | 5.72E+01          | 1.00E-03         | 7.00E-03                                              | J    |      |       | YES  | 5.70E-03                                              | J    |      |       | YES  | ND                                                    |      |      |       |      |
| Xylene, Total                                                                    | mg/kg | NA               | 1.55E+04          | 5.00E-02         | 2.40E-02                                              |      |      |       |      | 1.90E-02                                              | J    |      |       |      | 1.30E-02                                              |      |      |       |      |
| <b>WET CHEMISTRY</b>                                                             |       |                  |                   |                  |                                                       |      |      |       |      |                                                       |      |      |       |      |                                                       |      |      |       |      |
| Total Organic Carbon                                                             | mg/kg | NA               | NA                | NA               | 2.05E+03                                              | J    |      |       |      | 1.52E+03                                              | J    |      |       |      | 1.94E+04                                              | J    |      |       |      |

Table 5-1

**Surface Soil Analytical Results**  
**Golf Course, Parcels 178(7), 83(7), and 141(7)**  
**Fort McClellan, Calhoun County, Alabama**

(Page 11 of 15)

| Parcel<br>Sample Location<br>Sample Number<br>Sample Date<br>Sample Depth (Feet) |       |                  |                   |                  | 178 REP<br>SI07-SS04<br>07-SS04A<br>18-May-98<br>0- 1 |      |      |       |      | 178 REP<br>SI07-SS05<br>07-SS05A<br>18-May-98<br>0- 1 |      |      |       |      | 178 REP<br>SI07-SS06<br>07-SS06A<br>18-May-98<br>0- 1 |      |      |       |      |
|----------------------------------------------------------------------------------|-------|------------------|-------------------|------------------|-------------------------------------------------------|------|------|-------|------|-------------------------------------------------------|------|------|-------|------|-------------------------------------------------------|------|------|-------|------|
| Parameter                                                                        | Units | BKG <sup>a</sup> | SSSL <sup>b</sup> | ESV <sup>b</sup> | Result                                                | Qual | >BKG | >SSSL | >ESV | Result                                                | Qual | >BKG | >SSSL | >ESV | Result                                                | Qual | >BKG | >SSSL | >ESV |
| <b>ANIONS</b>                                                                    |       |                  |                   |                  |                                                       |      |      |       |      |                                                       |      |      |       |      |                                                       |      |      |       |      |
| Chloride                                                                         | mg/kg | NA               | NA                | NA               | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      |
| Nitrate                                                                          | mg/kg | NA               | NA                | NA               | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      |
| Sulfate                                                                          | mg/kg | NA               | NA                | NA               | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      |
| <b>PESTICIDES (Method 8081A)</b>                                                 |       |                  |                   |                  |                                                       |      |      |       |      |                                                       |      |      |       |      |                                                       |      |      |       |      |
| 4,4'-DDE                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      |
| 4,4'-DDT                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      |
| Methoxychlor                                                                     | mg/kg | NA               | 3.89E+01          | 1.99E-02         | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      | NR                                                    |      |      |       |      |
| <b>METALS</b>                                                                    |       |                  |                   |                  |                                                       |      |      |       |      |                                                       |      |      |       |      |                                                       |      |      |       |      |
| Aluminum                                                                         | mg/kg | 1.63E+04         | 7.80E+03          | 5.00E+01         | 3.13E+03                                              |      |      |       | YES  | 8.12E+03                                              |      |      | YES   | YES  | 8.25E+03                                              |      |      | YES   | YES  |
| Arsenic                                                                          | mg/kg | 1.37E+01         | 4.26E-01          | 1.00E+01         | 1.23E+01                                              |      |      | YES   | YES  | 8.91E+00                                              |      |      | YES   |      | 1.23E+01                                              |      |      | YES   | YES  |
| Barium                                                                           | mg/kg | 1.24E+02         | 5.47E+02          | 1.65E+02         | 2.24E+01                                              |      |      |       |      | 6.15E+01                                              |      |      |       |      | 7.90E+01                                              |      |      |       |      |
| Beryllium                                                                        | mg/kg | 8.00E-01         | 9.60E+00          | 1.10E+00         | 2.24E-01                                              |      |      |       |      | 6.50E-01                                              |      |      |       |      | 6.27E-01                                              |      |      |       |      |
| Cadmium                                                                          | mg/kg | 2.90E-01         | 6.25E+00          | 1.60E+00         | 3.24E-01                                              |      | YES  |       |      | ND                                                    |      |      |       |      | ND                                                    |      |      |       |      |
| Calcium                                                                          | mg/kg | 1.72E+03         | NA                | NA               | 5.82E+04                                              |      | YES  |       |      | 2.44E+03                                              |      | YES  |       |      | 1.28E+03                                              |      |      |       |      |
| Chromium                                                                         | mg/kg | 3.70E+01         | 2.32E+01          | 4.00E-01         | 5.59E+00                                              |      |      |       | YES  | 2.32E+01                                              |      |      | YES   | YES  | 1.28E+01                                              |      |      |       | YES  |
| Cobalt                                                                           | mg/kg | 1.52E+01         | 4.68E+02          | 2.00E+01         | 2.01E+00                                              |      |      |       |      | 6.96E+00                                              |      |      |       |      | 6.27E+00                                              |      |      |       |      |
| Copper                                                                           | mg/kg | 1.27E+01         | 3.13E+02          | 4.00E+01         | 9.51E+00                                              |      |      |       |      | 1.62E+01                                              |      | YES  |       |      | 1.28E+01                                              |      | YES  |       |      |
| Iron                                                                             | mg/kg | 3.42E+04         | 2.34E+03          | 2.00E+02         | 7.61E+03                                              |      |      | YES   | YES  | 1.86E+04                                              |      |      | YES   | YES  | 2.09E+04                                              |      |      | YES   | YES  |
| Lead                                                                             | mg/kg | 4.01E+01         | 4.00E+02          | 5.00E+01         | 2.35E+01                                              |      |      |       |      | 2.44E+01                                              |      |      |       |      | 3.37E+01                                              |      |      |       |      |
| Magnesium                                                                        | mg/kg | 1.03E+03         | NA                | 4.40E+05         | 3.91E+04                                              |      | YES  |       |      | 9.51E+02                                              |      |      |       |      | 9.76E+02                                              |      |      |       |      |
| Manganese                                                                        | mg/kg | 1.58E+03         | 3.63E+02          | 1.00E+02         | 1.68E+02                                              |      |      |       | YES  | 6.73E+02                                              |      |      | YES   | YES  | 5.34E+02                                              |      |      | YES   | YES  |
| Mercury                                                                          | mg/kg | 8.00E-02         | 2.33E+00          | 1.00E-01         | 4.70E-02                                              |      |      |       |      | 6.15E-02                                              |      |      |       |      | 4.53E-02                                              |      |      |       |      |
| Nickel                                                                           | mg/kg | 1.03E+01         | 1.54E+02          | 3.00E+01         | 3.02E+00                                              |      |      |       |      | 6.96E+00                                              |      |      |       |      | 8.13E+00                                              |      |      |       |      |
| Potassium                                                                        | mg/kg | 8.00E+02         | NA                | NA               | 4.59E+02                                              |      |      |       |      | 5.34E+02                                              |      |      |       |      | 4.30E+02                                              |      |      |       |      |
| Selenium                                                                         | mg/kg | 4.80E-01         | 3.91E+01          | 8.10E-01         | ND                                                    |      |      |       |      | 1.55E+00                                              |      | YES  |       | YES  | 1.57E+00                                              |      | YES  |       | YES  |
| Silver                                                                           | mg/kg | 3.60E-01         | 3.91E+01          | 2.00E+00         | ND                                                    |      |      |       |      | ND                                                    |      |      |       |      | ND                                                    |      |      |       |      |
| Sodium                                                                           | mg/kg | 6.34E+02         | NA                | NA               | 1.34E+02                                              |      |      |       |      | 1.62E+02                                              |      |      |       |      | 1.28E+02                                              |      |      |       |      |
| Vanadium                                                                         | mg/kg | 5.88E+01         | 5.31E+01          | 2.00E+00         | 1.05E+01                                              |      |      |       | YES  | 2.09E+01                                              |      |      |       | YES  | 2.32E+01                                              |      |      |       | YES  |
| Zinc                                                                             | mg/kg | 4.06E+01         | 2.34E+03          | 5.00E+01         | 2.35E+01                                              |      |      |       |      | 3.60E+01                                              |      |      |       |      | 3.14E+01                                              |      |      |       |      |

Table 5-1

**Surface Soil Analytical Results**  
**Golf Course, Parcels 178(7), 83(7), and 141(7)**  
**Fort McClellan, Calhoun County, Alabama**

(Page 12 of 15)

| Parcel<br>Sample Location<br>Sample Number<br>Sample Date<br>Sample Depth (Feet) |       |                  |                   |                  | 178 REP<br>SI07-SS04<br>07-SS04A<br>18-May-98<br>0-1 |      |      |       |      | 178 REP<br>SI07-SS05<br>07-SS05A<br>18-May-98<br>0-1 |      |      |       |      | 178 REP<br>SI07-SS06<br>07-SS06A<br>18-May-98<br>0-1 |      |      |       |      |
|----------------------------------------------------------------------------------|-------|------------------|-------------------|------------------|------------------------------------------------------|------|------|-------|------|------------------------------------------------------|------|------|-------|------|------------------------------------------------------|------|------|-------|------|
| Parameter                                                                        | Units | BKG <sup>a</sup> | SSSL <sup>b</sup> | ESV <sup>b</sup> | Result                                               | Qual | >BKG | >SSSL | >ESV | Result                                               | Qual | >BKG | >SSSL | >ESV | Result                                               | Qual | >BKG | >SSSL | >ESV |
| <b>PESTICIDES/PCBs (Method 8080)</b>                                             |       |                  |                   |                  |                                                      |      |      |       |      |                                                      |      |      |       |      |                                                      |      |      |       |      |
| 4,4'-DDE                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | 3.51E-03                                             | J    |      |       | YES  | 5.62E-03                                             | J    |      |       | YES  | ND                                                   |      |      |       |      |
| 4,4'-DDT                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | 2.31E-03                                             | J    |      |       |      | 4.25E-03                                             | J    |      |       | YES  | ND                                                   |      |      |       |      |
| Chlordane                                                                        | mg/kg | NA               | 1.69E+00          | 1.00E-01         | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      |
| Dieldrin                                                                         | mg/kg | NA               | 3.88E-02          | 5.00E-04         | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      |
| alpha-Chlordane                                                                  | mg/kg | NA               | NA                | NA               | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      |
| gamma-Chlordane                                                                  | mg/kg | NA               | NA                | NA               | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      |
| <b>SEMIVOLATILE ORGANIC COMPOUNDS</b>                                            |       |                  |                   |                  |                                                      |      |      |       |      |                                                      |      |      |       |      |                                                      |      |      |       |      |
| Benzo(a)anthracene                                                               | mg/kg | NA               | 8.51E-01          | 5.21E+00         | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      |
| Benzo(a)pyrene                                                                   | mg/kg | NA               | 8.51E-02          | 1.00E-01         | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      |
| Benzo(b)fluoranthene                                                             | mg/kg | NA               | 8.51E-01          | 5.98E+01         | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      |
| Benzo(ghi)perylene                                                               | mg/kg | NA               | 2.32E+02          | 1.19E+02         | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      |
| Benzo(k)fluoranthene                                                             | mg/kg | NA               | 8.51E+00          | 1.48E+02         | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      |
| Chrysene                                                                         | mg/kg | NA               | 8.61E+01          | 4.73E+00         | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      |
| Di-n-butyl phthalate                                                             | mg/kg | NA               | 7.80E+02          | 2.00E+02         | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      |
| Fluoranthene                                                                     | mg/kg | NA               | 3.09E+02          | 1.00E-01         | ND                                                   |      |      |       |      | 9.74E-02                                             |      |      |       |      | ND                                                   |      |      |       |      |
| Indeno(1,2,3-cd)pyrene                                                           | mg/kg | NA               | 8.51E-01          | 1.09E+02         | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      |
| Phenanthrene                                                                     | mg/kg | NA               | 2.32E+03          | 1.00E-01         | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      |
| Pyrene                                                                           | mg/kg | NA               | 2.33E+02          | 1.00E-01         | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      |
| bis(2-Ethylhexyl)phthalate                                                       | mg/kg | NA               | 4.52E+01          | 9.30E-01         | 5.34E-02                                             | B    |      |       |      | ND                                                   |      |      |       |      | ND                                                   |      |      |       |      |
| <b>VOLATILE ORGANIC COMPOUNDS</b>                                                |       |                  |                   |                  |                                                      |      |      |       |      |                                                      |      |      |       |      |                                                      |      |      |       |      |
| 1,1,1-Trichloroethane                                                            | mg/kg | NA               | 1.55E+03          | 1.00E-01         | 9.00E-03                                             |      |      |       |      | 3.40E-02                                             |      |      |       |      | 1.50E-02                                             |      |      |       |      |
| 1,1-Dichloroethene                                                               | mg/kg | NA               | 1.05E+00          | 1.00E-01         | 7.70E-04                                             | J    |      |       |      | 2.90E-03                                             | J    |      |       |      | 1.20E-03                                             | J    |      |       |      |
| 1,2-Dichloroethene                                                               | mg/kg | NA               | NA                | 1.00E-01         | 6.40E-04                                             | J    |      |       |      | 2.30E-03                                             | J    |      |       |      | 9.80E-04                                             | J    |      |       |      |
| 2-Butanone                                                                       | mg/kg | NA               | 4.66E+03          | 8.96E+01         | 2.60E-02                                             |      |      |       |      | 3.40E-02                                             |      |      |       |      | 2.60E-02                                             |      |      |       |      |
| Acetone                                                                          | mg/kg | NA               | 7.76E+02          | 2.50E+00         | 2.80E-01                                             |      |      |       |      | 3.00E-01                                             |      |      |       |      | 2.70E-01                                             |      |      |       |      |
| Benzene                                                                          | mg/kg | NA               | 2.17E+01          | 5.00E-02         | 4.70E-04                                             | J    |      |       |      | 1.00E-03                                             | J    |      |       |      | 6.30E-04                                             | J    |      |       |      |
| Ethylbenzene                                                                     | mg/kg | NA               | 7.77E+02          | 5.00E-02         | 2.00E-03                                             | J    |      |       |      | 3.80E-03                                             | J    |      |       |      | 2.60E-03                                             | J    |      |       |      |
| Methylene chloride                                                               | mg/kg | NA               | 8.41E+01          | 2.00E+00         | 1.50E-02                                             | B    |      |       |      | 5.10E-02                                             |      |      |       |      | 2.10E-02                                             | B    |      |       |      |
| Tetrachloroethene                                                                | mg/kg | NA               | 1.21E+01          | 1.00E-02         | 9.90E-03                                             |      |      |       |      | 2.30E-02                                             |      |      |       | YES  | 1.20E-02                                             |      |      |       | YES  |
| Toluene                                                                          | mg/kg | NA               | 1.55E+03          | 5.00E-02         | 2.00E-03                                             | J    |      |       |      | 3.50E-03                                             | J    |      |       |      | 2.10E-03                                             | J    |      |       |      |
| Trichloroethene                                                                  | mg/kg | NA               | 5.72E+01          | 1.00E-03         | 5.00E-03                                             |      |      |       | YES  | 1.50E-02                                             |      |      |       | YES  | 6.80E-03                                             |      |      |       | YES  |
| Xylene, Total                                                                    | mg/kg | NA               | 1.55E+04          | 5.00E-02         | 8.60E-03                                             |      |      |       |      | 1.50E-02                                             |      |      |       |      | 1.10E-02                                             |      |      |       |      |
| <b>WET CHEMISTRY</b>                                                             |       |                  |                   |                  |                                                      |      |      |       |      |                                                      |      |      |       |      |                                                      |      |      |       |      |
| Total Organic Carbon                                                             | mg/kg | NA               | NA                | NA               | 4.51E+03                                             | J    |      |       |      | 1.50E+04                                             | J    |      |       |      | 1.84E+04                                             | J    |      |       |      |

Table 5-1

**Surface Soil Analytical Results**  
**Golf Course, Parcels 178(7), 83(7), and 141(7)**  
**Fort McClellan, Calhoun County, Alabama**

(Page 13 of 15)

| Parcel<br>Sample Location<br>Sample Number<br>Sample Date<br>Sample Depth (Feet) |       |                  |                   |                  | 178 REP<br>SI07-SS07<br>07-SS07<br>18-May-98<br>0- 1 |      |      |       |      |
|----------------------------------------------------------------------------------|-------|------------------|-------------------|------------------|------------------------------------------------------|------|------|-------|------|
| Parameter                                                                        | Units | BKG <sup>a</sup> | SSSL <sup>b</sup> | ESV <sup>b</sup> | Result                                               | Qual | >BKG | >SSSL | >ESV |
| <b>ANIONS</b>                                                                    |       |                  |                   |                  |                                                      |      |      |       |      |
| Chloride                                                                         | mg/kg | NA               | NA                | NA               | NR                                                   |      |      |       |      |
| Nitrate                                                                          | mg/kg | NA               | NA                | NA               | NR                                                   |      |      |       |      |
| Sulfate                                                                          | mg/kg | NA               | NA                | NA               | NR                                                   |      |      |       |      |
| <b>PESTICIDES (Method 8081A)</b>                                                 |       |                  |                   |                  |                                                      |      |      |       |      |
| 4,4'-DDE                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | NR                                                   |      |      |       |      |
| 4,4'-DDT                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | NR                                                   |      |      |       |      |
| Methoxychlor                                                                     | mg/kg | NA               | 3.89E+01          | 1.99E-02         | NR                                                   |      |      |       |      |
| <b>METALS</b>                                                                    |       |                  |                   |                  |                                                      |      |      |       |      |
| Aluminum                                                                         | mg/kg | 1.63E+04         | 7.80E+03          | 5.00E+01         | 8.33E+03                                             |      |      | YES   | YES  |
| Arsenic                                                                          | mg/kg | 1.37E+01         | 4.26E-01          | 1.00E+01         | 3.61E+00                                             |      |      | YES   |      |
| Barium                                                                           | mg/kg | 1.24E+02         | 5.47E+02          | 1.65E+02         | 5.90E+01                                             |      |      |       |      |
| Beryllium                                                                        | mg/kg | 8.00E-01         | 9.60E+00          | 1.10E+00         | 7.06E-01                                             |      |      |       |      |
| Cadmium                                                                          | mg/kg | 2.90E-01         | 6.25E+00          | 1.60E+00         | ND                                                   |      |      |       |      |
| Calcium                                                                          | mg/kg | 1.72E+03         | NA                | NA               | 1.62E+03                                             |      |      |       |      |
| Chromium                                                                         | mg/kg | 3.70E+01         | 2.32E+01          | 4.00E-01         | 1.09E+01                                             |      |      |       | YES  |
| Cobalt                                                                           | mg/kg | 1.52E+01         | 4.68E+02          | 2.00E+01         | 4.63E+00                                             |      |      |       |      |
| Copper                                                                           | mg/kg | 1.27E+01         | 3.13E+02          | 4.00E+01         | 8.45E+00                                             |      |      |       |      |
| Iron                                                                             | mg/kg | 3.42E+04         | 2.34E+03          | 2.00E+02         | 1.50E+04                                             |      |      | YES   | YES  |
| Lead                                                                             | mg/kg | 4.01E+01         | 4.00E+02          | 5.00E+01         | 1.74E+01                                             |      |      |       |      |
| Magnesium                                                                        | mg/kg | 1.03E+03         | NA                | 4.40E+05         | 1.39E+03                                             |      | YES  |       |      |
| Manganese                                                                        | mg/kg | 1.58E+03         | 3.63E+02          | 1.00E+02         | 1.39E+02                                             |      |      |       | YES  |
| Mercury                                                                          | mg/kg | 8.00E-02         | 2.33E+00          | 1.00E-01         | 4.28E-02                                             |      |      |       |      |
| Nickel                                                                           | mg/kg | 1.03E+01         | 1.54E+02          | 3.00E+01         | 5.67E+00                                             |      |      |       |      |
| Potassium                                                                        | mg/kg | 8.00E+02         | NA                | NA               | 3.13E+02                                             |      |      |       |      |
| Selenium                                                                         | mg/kg | 4.80E-01         | 3.91E+01          | 8.10E-01         | 1.24E+00                                             |      | YES  |       | YES  |
| Silver                                                                           | mg/kg | 3.60E-01         | 3.91E+01          | 2.00E+00         | ND                                                   |      |      |       |      |
| Sodium                                                                           | mg/kg | 6.34E+02         | NA                | NA               | 1.39E+02                                             |      |      |       |      |
| Vanadium                                                                         | mg/kg | 5.88E+01         | 5.31E+01          | 2.00E+00         | 1.74E+01                                             |      |      |       | YES  |
| Zinc                                                                             | mg/kg | 4.06E+01         | 2.34E+03          | 5.00E+01         | 1.97E+01                                             |      |      |       |      |

Table 5-1

**Surface Soil Analytical Results**  
**Golf Course, Parcels 178(7), 83(7), and 141(7)**  
**Fort McClellan, Calhoun County, Alabama**

(Page 14 of 15)

| Parcel<br>Sample Location<br>Sample Number<br>Sample Date<br>Sample Depth (Feet) |       |                  |                   |                  | 178 REP<br>SI07-SS07<br>07-SS07<br>18-May-98<br>0-1 |      |      |       |      |
|----------------------------------------------------------------------------------|-------|------------------|-------------------|------------------|-----------------------------------------------------|------|------|-------|------|
| Parameter                                                                        | Units | BKG <sup>a</sup> | SSSL <sup>b</sup> | ESV <sup>b</sup> | Result                                              | Qual | >BKG | >SSSL | >ESV |
| <b>PESTICIDES/PCBs (Method 8080)</b>                                             |       |                  |                   |                  |                                                     |      |      |       |      |
| 4,4'-DDE                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | ND                                                  |      |      |       |      |
| 4,4'-DDT                                                                         | mg/kg | NA               | 1.79E+00          | 2.50E-03         | ND                                                  |      |      |       |      |
| Chlordane                                                                        | mg/kg | NA               | 1.69E+00          | 1.00E-01         | ND                                                  |      |      |       |      |
| Dieldrin                                                                         | mg/kg | NA               | 3.88E-02          | 5.00E-04         | ND                                                  |      |      |       |      |
| alpha-Chlordane                                                                  | mg/kg | NA               | NA                | NA               | ND                                                  |      |      |       |      |
| gamma-Chlordane                                                                  | mg/kg | NA               | NA                | NA               | ND                                                  |      |      |       |      |
| <b>SEMIVOLATILE ORGANIC COMPOUNDS</b>                                            |       |                  |                   |                  |                                                     |      |      |       |      |
| Benzo(a)anthracene                                                               | mg/kg | NA               | 8.51E-01          | 5.21E+00         | ND                                                  |      |      |       |      |
| Benzo(a)pyrene                                                                   | mg/kg | NA               | 8.51E-02          | 1.00E-01         | ND                                                  |      |      |       |      |
| Benzo(b)fluoranthene                                                             | mg/kg | NA               | 8.51E-01          | 5.98E+01         | ND                                                  |      |      |       |      |
| Benzo(ghi)perylene                                                               | mg/kg | NA               | 2.32E+02          | 1.19E+02         | ND                                                  |      |      |       |      |
| Benzo(k)fluoranthene                                                             | mg/kg | NA               | 8.51E+00          | 1.48E+02         | ND                                                  |      |      |       |      |
| Chrysene                                                                         | mg/kg | NA               | 8.61E+01          | 4.73E+00         | ND                                                  |      |      |       |      |
| Di-n-butyl phthalate                                                             | mg/kg | NA               | 7.80E+02          | 2.00E+02         | ND                                                  |      |      |       |      |
| Fluoranthene                                                                     | mg/kg | NA               | 3.09E+02          | 1.00E-01         | ND                                                  |      |      |       |      |
| Indeno(1,2,3-cd)pyrene                                                           | mg/kg | NA               | 8.51E-01          | 1.09E+02         | ND                                                  |      |      |       |      |
| Phenanthrene                                                                     | mg/kg | NA               | 2.32E+03          | 1.00E-01         | ND                                                  |      |      |       |      |
| Pyrene                                                                           | mg/kg | NA               | 2.33E+02          | 1.00E-01         | ND                                                  |      |      |       |      |
| bis(2-Ethylhexyl)phthalate                                                       | mg/kg | NA               | 4.52E+01          | 9.30E-01         | 3.20E-02                                            | B    |      |       |      |
| <b>VOLATILE ORGANIC COMPOUNDS</b>                                                |       |                  |                   |                  |                                                     |      |      |       |      |
| 1,1,1-Trichloroethane                                                            | mg/kg | NA               | 1.55E+03          | 1.00E-01         | 3.70E-02                                            |      |      |       |      |
| 1,1-Dichloroethene                                                               | mg/kg | NA               | 1.05E+00          | 1.00E-01         | 2.70E-03                                            | J    |      |       |      |
| 1,2-Dichloroethene                                                               | mg/kg | NA               | NA                | 1.00E-01         | 2.20E-03                                            | J    |      |       |      |
| 2-Butanone                                                                       | mg/kg | NA               | 4.66E+03          | 8.96E+01         | 1.40E-02                                            | J    |      |       |      |
| Acetone                                                                          | mg/kg | NA               | 7.76E+02          | 2.50E+00         | 8.90E-02                                            | B    |      |       |      |
| Benzene                                                                          | mg/kg | NA               | 2.17E+01          | 5.00E-02         | 1.20E-03                                            | J    |      |       |      |
| Ethylbenzene                                                                     | mg/kg | NA               | 7.77E+02          | 5.00E-02         | 8.60E-03                                            |      |      |       |      |
| Methylene chloride                                                               | mg/kg | NA               | 8.41E+01          | 2.00E+00         | 5.60E-02                                            |      |      |       |      |
| Tetrachloroethene                                                                | mg/kg | NA               | 1.21E+01          | 1.00E-02         | 5.30E-02                                            |      |      |       | YES  |
| Toluene                                                                          | mg/kg | NA               | 1.55E+03          | 5.00E-02         | 8.30E-03                                            |      |      |       |      |
| Trichloroethene                                                                  | mg/kg | NA               | 5.72E+01          | 1.00E-03         | 2.10E-02                                            |      |      |       | YES  |
| Xylene, Total                                                                    | mg/kg | NA               | 1.55E+04          | 5.00E-02         | 3.70E-02                                            |      |      |       |      |
| <b>WET CHEMISTRY</b>                                                             |       |                  |                   |                  |                                                     |      |      |       |      |
| Total Organic Carbon                                                             | mg/kg | NA               | NA                | NA               | 4.78E+04                                            | J    |      |       |      |

**Table 5-1**

**Surface and Depositional Soil Analytical Results  
Golf Course, Parcels 178(7), 83(7), and 141(7)  
Fort McClellan, Calhoun County, Alabama**

(Page 15 of 15)

Analyses performed using U.S. Environmental Protection Agency (EPA) SW-846 analytical methods, including Update III methods where applicable.

<sup>a</sup> Bkg - Background. Concentration listed is two times (2x) the arithmetic mean of background metals concentration given in Science Applications International Corporation (1998), Final Background Metals Survey Report, Fort McClellan, Alabama, July.

<sup>b</sup> Residential human health site-specific screening level (SSSL) and ecological screening value (ESV) as given in IT Corporation (2000), *Final Human Health and Ecological Screening Values and PAH Background Summary Report*, Fort McClellan, Calhoun County, Alabama, July.

B - Analyte detected in laboratory or field blank at concentration greater than the reporting limit (and greater than zero).

J - Result is greater than method detection limit but less than or equal to reporting limit.

mg/kg - Milligrams per kilogram.

NA - Not available.

NR - Not requested.

Qual - Data validation qualifier.