



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

July 12, 2006

FOR: Attn: Mr. Jay Smith  
 Alpha GeoScience  
 679 Plank Road  
 Clifton Park, NY 12065

Sample Information

Matrix: SOLID  
 Location Code: ALPHAGEO  
 Rush Request:  
 P.O.#: 97152

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

06/01/06  
 06/09/06

Time

0:00  
 13:54

## Laboratory Data

SDG I.D.: GAH27445  
 Phoenix I.D.: AH27445

Client ID: AKZO BRIQUETTES

| Parameter      | Result | RL   | Units | Date     | Time | By | Reference   |
|----------------|--------|------|-------|----------|------|----|-------------|
| Silver         | < 0.5  | 0.5  | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Aluminum       | 0.539  | 0.3  | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Arsenic        | < 1    | 1    | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Boron          | < 2    | 2    | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Barium         | < 0.5  | 0.5  | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Beryllium      | < 0.4  | 0.4  | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Calcium        | 1610   | 1    | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Cadmium        | < 0.5  | 0.5  | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Cobalt         | < 0.5  | 0.5  | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Chromium       | < 0.5  | 0.5  | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Copper         | < 0.5  | 0.5  | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Iron           | 588    | 0.5  | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Mercury - Soil | < 0.10 | 0.10 | mg/kg | 06/12/06 |      | RS | SW-7471     |
| Potassium      | 124    | 1    | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Magnesium      | 65.4   | 0.5  | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Manganese      | 3.8    | 0.5  | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Molybdenum     | < 0.5  | 0.5  | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Sodium         | 444000 | 1000 | mg/Kg | 06/20/06 |      | EK | 6010/E200.7 |
| Nickel         | < 0.5  | 0.5  | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Lead           | < 0.5  | 0.5  | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Antimony       | < 5    | 5    | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Selenium       | < 2.5  | 2.5  | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Tin            | < 2.5  | 2.5  | mg/Kg | 06/13/06 |      | EK | 6010/E200.7 |
| Strontium      | 33.9   | 0.01 | mg/kg | 06/13/06 |      | EK | 6010/E200.7 |

| Parameter           | Result    | RL    | Units    | Date     | Time  | By  | Reference     |
|---------------------|-----------|-------|----------|----------|-------|-----|---------------|
| Titanium            | < 1       | 1     | mg/Kg    | 06/13/06 |       | EK  | 6010/E200.7   |
| Thallium            | < 5       | 5     | mg/Kg    | 06/13/06 |       | EK  | 6010/E200.7   |
| Vanadium            | < 0.5     | 0.5   | mg/Kg    | 06/13/06 |       | EK  | 6010/E200.7   |
| Zinc                | 5.82      | 0.5   | mg/Kg    | 06/13/06 |       | EK  | 6010/E200.7   |
| Bromide             | < 1.0     | 1.0   | mg/Kg    | 06/19/06 |       | EG  | 9056          |
| Chloride            | 550000    | 10000 | mg/kg    | 06/19/06 |       | EG  | 9056          |
| Fluoride            | < 0.5     | 0.5   | mg/Kg    | 06/19/06 |       | EG  | 9056          |
| pH                  | 6.50      | 0.10  | pH Units | 06/09/06 | 23:00 | CD  | E150.1/SW9045 |
| Sulfate             | < 10.0    | 10.0  | mg/kg    | 06/19/06 |       | EG  | 9056          |
| Total Sulfide       | < 200     | 200   | mg/Kg    | 06/09/06 |       | ML  | SW 9030       |
| Total Cyanide       | < 0.50    | 0.50  | mg/Kg    | 06/09/06 |       | M/G | SW9010        |
| Mercury Digestion   | Completed |       |          | 06/12/06 |       | K   | SW7471        |
| Bulk Size Reduction | Completed |       |          | 06/12/06 |       | AG  | P.E.L.        |
| Total Metals Digest | Completed |       |          | 06/09/06 |       | AG  | SW846 - 3050  |
| Lithium             | <0.50     | 0.50  | mg/Kg    | 06/23/06 |       | OL  | 6010/E200.7   |
| Silica, Total       | <100      | 100   | mg/kg    | 06/23/06 |       | OL  | SW846 6010B   |

**Comments:**

ND=Not detected BDL = Below Detection Limit RL=Reporting Limit

100% solids are assumed, reported on an as received basis

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

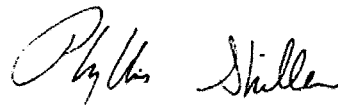

**Phyllis Shiller, Laboratory Director****July 12, 2006**

Exhibit 3.0

**AKZO PLANT WATER ANALYSIS**

|                 | <b>LIFE SCIENCE LAB</b> |          | <b>CULLIGAN</b> |            |
|-----------------|-------------------------|----------|-----------------|------------|
|                 | element                 | as CaCO3 | element         | as CaCO3   |
| Ag (silver)     | <1                      |          | NA              |            |
| Al (aluminum)   | NA                      |          | N.D.            |            |
| As (arsenic)    | <1                      |          | NA              |            |
| Ba (barium)     | <20                     |          | 0.14            |            |
| Be (beryllium)  | <1                      |          | NA              |            |
| Ca (calcium)    | 3,000.0                 |          | 2,930.00        | 7,325.00   |
| Cd (cadmium)    | <1                      |          | NA              |            |
| Cr (chromium)   | <1                      |          | NA              |            |
| Cu (copper)     | NA                      |          | 0.02            |            |
| Fe (iron)       | 21.0                    |          | 34.93           |            |
| Hg (mercury)    | 0.0004                  |          | NA              |            |
| K (potassium)   | 1,200.0                 |          | 379.00          | 485.10     |
| Mg (magnesium)  | 330.0                   |          | 314.00          | 1,293.70   |
| Mn (manganese)  | <1                      |          | 0.72            |            |
| Na (sodium)     | 107,000.0               |          | 111,000.00      | 241,980.00 |
| Ni (nickel)     | <1                      |          | NA              |            |
| Sb (antimony)   | <1                      |          | NA              |            |
| Se (selenium)   | <1                      |          | NA              |            |
| Sr (strontium)  | NA                      |          | 72.15           | 92.40      |
| Ti (thallium)   | <1                      |          | NA              |            |
| Zn (zinc)       | 1.2                     |          | 0.68            |            |
| Alkalinity      | NM                      | 28       |                 |            |
| Bicarbonate     | NA                      |          | 16.10           | 13.20      |
| Carbonate       | NA                      |          | N.D.            |            |
| Br (bromide)    | 210.0                   |          | NA              |            |
| Cl (chloride)   | 210,000.0               |          | 192,000.00      | 270,720.00 |
| F (fluoride)    | <10                     |          | N.D.            |            |
| N (nitrate)     | NA                      |          | N.D.            |            |
| S04 (sulfate)   | 1,700.0                 |          | 1,857.00        |            |
| SiO2 (silicate) | NA                      |          | 0.19            |            |

N.D. NOT DETECTED  
 NM NOT MEASURED  
 NA NOT ANALYZED