



## Quality Control Report

### GROUP 1EX - STD DST6

#### Standard Package

| ELEMENT | Unit | Detection Limit | Official Value |
|---------|------|-----------------|----------------|
| Au      | ppm  | 0.1             | < 0.1          |
| Ag      | ppm  | 0.1             | 0.4            |
| Al      | %    | 0.01            | 6.92           |
| As      | ppm  | 1               | 26             |
| Ba      | ppm  | 1               | 700            |
| Be      | ppm  | 1.0             | 2.7            |
| Bi      | ppm  | 0.1             | 4.7            |
| Ca      | %    | 0.01            | 2.30           |
| Cd      | ppm  | 0.1             | 5.3            |
| Ce      | ppm  | 1               | 51             |
| Co      | ppm  | 0.2             | 13             |
| Cr      | ppm  | 0.1             | 230.0          |
| Cu      | ppm  | 0.1             | 127.8          |
| Fe      | %    | 0.01            | 4.09           |
| Hf      | ppm  | 0.1             | 1.8            |
| K       | %    | 0.01            | 1.38           |
| La      | ppm  | 0.1             | 25.4           |
| Li      | ppm  | 0.1             | 24.3           |
| Mg      | %    | 0.01            | 0.98           |
| Mn      | ppm  | 1               | 966            |
| Mo      | ppm  | 0.1             | 12.4           |
| Na      | %    | 0.001           | 1.630          |
| Nb      | ppm  | 0.1             | 8.10           |
| Ni      | ppm  | 0.1             | 29.0           |
| P       | %    | 0.001           | 0.099          |
| Pb      | ppm  | 0.1             | 34.1           |
| Rb      | ppm  | 0.1             | 55.3           |
| S       | %    | 0.1             | <0.1           |

| ELEMENT | Unit | Detection Limit | Official Value |
|---------|------|-----------------|----------------|
| Sb      | ppm  | 0.1             | 5.4            |
| Sc      | ppm  | 1               | 12             |
| Sn      | ppm  | 0.1             | 6.3            |
| Sr      | ppm  | 1               | 307            |
| Ta      | ppm  | 0.1             | 0.5            |
| Th      | ppm  | 0.1             | 7.0            |
| Ti      | %    | 0.001           | 0.435          |
| U       | ppm  | 0.1             | 7.4            |
| V       | ppm  | 1               | 115            |
| W       | ppm  | 0.1             | 7.4            |
| Y       | ppm  | 0.1             | 15.5           |
| Zn      | ppm  | 1               | 177            |
| Zr      | ppm  | 0.1             | 48.8           |

period: Dec 2004  
September 2005 Cr revised

Precision: Based on sample duplicates and given in multiples of detection limit. These apply to most elements, some elements can display higher precision error in some samples owing to the nature of those samples.

Multiples of Detection Limit: 0.3 -----1-----2-----5-----10-----20-----50-----1000-----Upper Limit  
Precision: | >100% | 100% | 50% | 25% | 17.5% | 12.5% | 10% | 12.5% |