

## Gold Ore, CRM, Au values by Fire Assay and Aqua Regia, Powder

Art. ID GEO-G311-6  
Unit Powder 10g or 1 kg  
Deliverydetails No Dangerous Good /not restricted

| Text/Information                        | Analyte/Parameter | CAS number  | Concentration/Value | Unit | Method                              | Source |
|---|-------------------|-------------|---------------------|------|-------------------------------------|--------|
| Certified value                         | Gold (Au)         | [7440-57-5] | 0,000022            | %    | Fire Assay                          |        |
| Certified value                         | Gold (Au)         | [7440-57-5] | 0,000021            | %    | Aqua Regia                          |        |
| Single analysis only -<br>Not certified | Antimony (Sb)     | [7440-36-0] | 0,000151            | %    | Neutron ac<br>tivation a<br>nalyzes |        |
| Single analysis only -<br>Not certified | Arsenic (As)      | [7440-38-2] | 0,0000695           | %    | Neutron ac<br>tivation a<br>nalyzes |        |
| Single analysis only -<br>Not certified | Barium (Ba)       | [7440-39-3] | 0,0338              | %    | Neutron ac<br>tivation a<br>nalyzes |        |
| Single analysis only -<br>Not certified | Bromine (Br)      | [7726-95-6] | 0,0000457           | %    | Neutron ac<br>tivation a<br>nalyzes |        |
| Single analysis only -<br>Not certified | Cadmium (Cd)      | [7440-43-9] | <0,0005             | %    | Neutron ac<br>tivation a<br>nalyzes |        |
| Single analysis only -<br>Not certified | Cerium (Ce)       | [7440-45-1] | 0,00329             | %    | Neutron ac<br>tivation a<br>nalyzes |        |
| Single analysis only -<br>Not certified | Caesium (Cs)      | [7440-46-2] | 0,000193            | %    | Neutron ac<br>tivation a<br>nalyzes |        |
| Single analysis only -<br>Not certified | Chromium (Cr)     | [7440-47-3] | 0,0104              | %    | Neutron ac<br>tivation a<br>nalyzes |        |
| Single analysis only -<br>Not certified | Cobalt (Co)       | [7440-48-4] | 0,00269             | %    | Neutron ac<br>tivation a<br>nalyzes |        |
| Single analysis only -<br>Not certified | Europium (Eu)     | [7440-53-1] | 0,000117            | %    | Neutron ac<br>tivation a            |        |

|   |                 |             |           |   |                                     |
|---|-----------------|-------------|-----------|---|-------------------------------------|
| Single analysis only -<br>Not certified | Gold (Au)       | [7440-57-5] | 0,000023  | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Hafnium (Hf)    | [7440-58-6] | 0,000395  | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Iridium (Ir)    | [7439-88-5] | <0,000002 | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Iron (Fe)       | [7439-89-6] | 6,41      | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Lanthanum (La)  | [7439-91-0] | 0,00162   | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Molybdenum (Mo) | [7439-98-7] | 0,000336  | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Nickel (Ni)     | [7440-02-0] | 0,00248   | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Rubidium (Rb)   | [7440-17-7] | 0,00787   | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Samarium (Sm)   | [7440-19-9] | 0,000516  | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Scandium (Sc)   | [7440-20-2] | 0,00218   | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Selenium (Se)   | [7782-49-2] | <0,0005   | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Sodium (Na)     | [7440-23-5] | 2,17      | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -                  | Tantalum (Ta)   | [7440-25-7] | 0,000114  | % | Neutron ac                          |

|   |                                |              |          |   |                                     |
|---|--------------------------------|--------------|----------|---|-------------------------------------|
| Not certified                           |                                |              |          |   | tivation a<br>nalyzes               |
| Single analysis only -<br>Not certified | Tellurium (Te)                 | [13494-80-9] | <0,0005  | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Terbium (Tb)                   | [7440-27-9]  | 0,000108 | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Thorium (Th)                   | [7440-29-1]  | 0,0011   | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Tin (Sn)                       | [7440-31-5]  | <0,01    | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Tungsten (W)                   | [7440-33-7]  | <0,0002  | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Uranium (U)                    | [7440-61-1]  | 0,000603 | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Ytterbium (Yb)                 | [7440-64-4]  | 0,000246 | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Zinc (Zn)                      | [7440-66-6]  | 0,00814  | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Zirconium (Zr)                 | [7440-67-7]  | <0,02    | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Silver (Ag)                    | [7440-22-4]  | 0,0002   | % | Neutron ac<br>tivation a<br>nalyzes |
| Indicative value                        | Iron (Fe)                      | [7439-89-6]  | 6,67     | % | Fusion / X<br>RF                    |
| Indicative value                        | SiO <sub>2</sub>               |              | 58,28    | % | Fusion / X<br>RF                    |
| Indicative value                        | Al <sub>2</sub> O <sub>3</sub> |              | 13,9     | % | Fusion / X<br>RF                    |

|                  |  |             |       |   |                  |
|------------------|--|-------------|-------|---|------------------|
| Indicative value | TiO <sub>2</sub>                       |             | 1,385 | % | Fusion / X<br>RF |
| Indicative value | MnO                                    |             | 0,13  | % | Fusion / X<br>RF |
| Indicative value | CaO                                    |             | 6,79  | % | Fusion / X<br>RF |
| Indicative value | Phosphorus (P)                         | [7723-14-0] | 0,069 | % | Fusion / X<br>RF |
| Indicative value | Sulfur (S)                             | [7704-34-9] | 0,04  | % | Fusion / X<br>RF |
| Indicative value | MgO                                    | [1309-48-4] | 3,68  | % | Fusion / X<br>RF |
| Indicative value | K <sub>2</sub> O                       |             | 1,64  | % | Fusion / X<br>RF |
| Indicative value | Na <sub>2</sub> O                      |             | 3,21  | % | Fusion / X<br>RF |
| Indicative value | Loss on Ignition (L.O.I<br>) (1000 °C) |             | 0,82  | % |                  |