

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

Art. ID GEO-G910-1  
Unit 1 kg (powder)  
Deliverydetails No Dangerous Good /not restricted

| Text/Information                        | Analyte/Parameter | CAS number  | Concentration/Value | Unit | Method                              | Source |
|---|-------------------|-------------|---------------------|------|-------------------------------------|--------|
| Certified value                         | Gold (Au)         | [7440-57-5] | 0,000143            | %    | Fire Assay                          |        |
| Certified value                         | Gold (Au)         | [7440-57-5] | 0,00014             | %    | Aqua Regia                          |        |
| Single analysis only -<br>Not certified | Antimony (Sb)     | [7440-36-0] | <0,00001            | %    | Neutron ac<br>tivation a<br>nalyzes |        |
| Single analysis only -<br>Not certified | Arsenic (As)      | [7440-38-2] | 0,0000235           | %    | Neutron ac<br>tivation a<br>nalyzes |        |
| Single analysis only -<br>Not certified | Barium (Ba)       | [7440-39-3] | 0,05345             | %    | Neutron ac<br>tivation a<br>nalyzes |        |
| Single analysis only -<br>Not certified | Bromine (Br)      | [7726-95-6] | 0,0000639           | %    | 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] | 0,004035            | %    | Neutron ac<br>tivation a<br>nalyzes |        |
| Single analysis only -<br>Not certified | Caesium (Cs)      | [7440-46-2] | 0,0003375           | %    | Neutron ac<br>tivation a<br>nalyzes |        |
| Single analysis only -<br>Not certified | Chromium (Cr)     | [7440-47-3] | 0,007905            | %    | Neutron ac<br>tivation a<br>nalyzes |        |
| Single analysis only -<br>Not certified | Cobalt (Co)       | [7440-48-4] | 0,001745            | %    | Neutron ac<br>tivation a<br>nalyzes |        |
| Single analysis only -<br>Not certified | Europium (Eu)     | [7440-53-1] | 0,0001065           | %    | Neutron ac<br>tivation a            |        |

|   |                 |             |           |   |                                     |
|---|-----------------|-------------|-----------|---|-------------------------------------|
| Single analysis only -<br>Not certified | Gold (Au)       | [7440-57-5] | 0,0001495 | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Hafnium (Hf)    | [7440-58-6] | 0,0004    | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Iridium (Ir)    | [7439-88-5] | <0,000001 | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Iron (Fe)       | [7439-89-6] | 4,02      | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Lanthanum (La)  | [7439-91-0] | 0,002355  | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Lutetium (Lu)   | [7439-94-3] | 0,0000416 | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Molybdenum (Mo) | [7439-98-7] | 0,001465  | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Nickel (Ni)     | [7440-02-0] | 0,002085  | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Rubidium (Rb)   | [7440-17-7] | 0,01375   | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Samarium (Sm)   | [7440-19-9] | 0,0004335 | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Scandium (Sc)   | [7440-20-2] | 0,00143   | % | 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 -                  | Sodium (Na)     | [7440-23-5] | 2,645     | % | Neutron ac                          |

|   |                  |              |            |   |                                     |
|---|------------------|--------------|------------|---|-------------------------------------|
| Not certified                           |                  |              |            |   | tivation a<br>nalyzes               |
| Single analysis only -<br>Not certified | Tantalum (Ta)    | [7440-25-7]  | 0,0001765  | % | Neutron ac<br>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]  | 0,00008225 | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Thorium (Th)     | [7440-29-1]  | 0,00183    | % | 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]  | 0,0009155  | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Ytterbium (Yb)   | [7440-64-4]  | 0,0002265  | % | Neutron ac<br>tivation a<br>nalyzes |
| Single analysis only -<br>Not certified | Zinc (Zn)        | [7440-66-6]  | 0,008095   | % | 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]  | 0,001165   | % | Neutron ac<br>tivation a<br>nalyzes |
| Indicative value                        | Iron (Fe)        | [7439-89-6]  | 4,145      | % | Fusion / X<br>RF                    |
| Indicative value                        | SiO <sub>2</sub> |              | 63,79      | % | Fusion / X                          |

|                  |  |             |        |   |            |
|------------------|--|-------------|--------|---|------------|
|                  |  |             |        |   | RF         |
| Indicative value | Al <sub>2</sub> O <sub>3</sub>         |             | 15,025 | % | Fusion / X |
|                  |  |             |        |   | RF         |
| Indicative value | TiO <sub>2</sub>                       |             | 0,8685 | % | Fusion / X |
|                  |  |             |        |   | RF         |
| Indicative value | MnO                                    |             | 0,09   | % | Fusion / X |
|                  |  |             |        |   | RF         |
| Indicative value | CaO                                    |             | 4,73   | % | Fusion / X |
|                  |  |             |        |   | RF         |
| Indicative value | Phosphorus (P)                         | [7723-14-0] | 0,049  | % | Fusion / X |
|                  |  |             |        |   | RF         |
| Indicative value | Sulfur (S)                             | [7704-34-9] | 0,023  | % | Fusion / X |
|                  |  |             |        |   | RF         |
| Indicative value | MgO                                    | [1309-48-4] | 2,37   | % | Fusion / X |
|                  |  |             |        |   | RF         |
| Indicative value | K <sub>2</sub> O                       |             | 2,64   | % | Fusion / X |
|                  |  |             |        |   | RF         |
| Indicative value | Na <sub>2</sub> O                      |             | 3,7275 | % | Fusion / X |
|                  |  |             |        |   | RF         |
| Indicative value | Loss on Ignition (L.O.I<br>) (1000 °C) |             | 0,39   | % |            |