

Gold Ore, CRM, Cut-off ore, Au values by Fire Assay and Aqua Regia, Powder

Art. ID GEO-G919-8
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] | 0,57 ± 0,004 | ppm | Fire Assay | |
| Certified value | Gold (Au) | [7440-57-5] | 0,000057 ± 0,0000004 | % | Fire Assay | |
| Certified value | Gold (Au) | [7440-57-5] | 0,56 ± 0,009 | ppm | Aqua Regia Digest | |
| Certified value | Gold (Au) | [7440-57-5] | 0,000056 ± 0,0000009 | % | Aqua Regia Digest | |
| Indicative Only | Antimony (Sb) | [7440-36-0] | <0,00002 | % | Neutron Ac tivation A nalysis | |
| Indicative Only | Arsenic (As) | [7440-38-2] | <0,00005 | % | Neutron Ac tivation A nalysis | |
| Indicative Only | Barium (Ba) | [7440-39-3] | 0,0357 | % | Neutron Ac tivation A nalysis | |
| Indicative Only | Bromine (Br) | [7726-95-6] | <0,0002 | % | Neutron Ac tivation A nalysis | |
| Indicative Only | Cadmium (Cd) | [7440-43-9] | <0,000111 | % | Neutron Ac tivation A nalysis | |
| Indicative Only | Cerium (Ce) | [7440-45-1] | 0,0036 | % | Neutron Ac tivation A nalysis | |
| Indicative Only | Caesium (Cs) | [7440-46-2] | 0,0002 | % | Neutron Ac tivation A nalysis | |
| Indicative Only | Chromium (Cr) | [7440-47-3] | 0,0095 | % | Neutron Ac tivation A nalysis | |
| Indicative Only | Cobalt (Co) | [7440-48-4] | 0,0023 | % | Neutron Ac | |

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|-----------------|-----------------|-------------|-----------|---|-------------------------------------|
| | | | | | tivation A nalysis |
| Indicative Only | Europium (Eu) | [7440-53-1] | 0,00011 | % | Neutron Ac tivation A nalysis |
| Indicative Only | Gold (Au) | [7440-57-5] | 0,000057 | % | Neutron Ac tivation A nalysis |
| Indicative Only | Hafnium (Hf) | [7440-58-6] | <0,0005 | % | Neutron Ac tivation A nalysis |
| Indicative Only | Iridium (Ir) | [7439-88-5] | <0,000005 | % | Neutron Ac tivation A nalysis |
| Indicative Only | Iron (Fe) | [7439-89-6] | 5,2 | % | Neutron Ac tivation A nalysis |
| Indicative Only | Lanthanum (La) | [7439-91-0] | 0,0019 | % | Neutron Ac tivation A nalysis |
| Indicative Only | Lutetium (Lu) | [7439-94-3] | 0,00004 | % | Neutron Ac tivation A nalysis |
| Indicative Only | Molybdenum (Mo) | [7439-98-7] | <0,001 | % | Neutron Ac tivation A nalysis |
| Indicative Only | Nickel (Ni) | [7440-02-0] | 0,0028 | % | Neutron Ac tivation A nalysis |
| Indicative Only | Rubidium (Rb) | [7440-17-7] | 0,0083 | % | Neutron Ac tivation A nalysis |
| Indicative Only | Samarium (Sm) | [7440-19-9] | 0,00042 | % | Neutron Ac tivation A nalysis |
| Indicative Only | Scandium (Sc) | [7440-20-2] | 0,00194 | % | Neutron Ac tivation A nalysis |

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|-----------------|----------------|--------------|---------|---|-----------------------------|
| Indicative Only | Selenium (Se) | [7782-49-2] | <0,001 | % | Neutron Activation Analysis |
| Indicative Only | Sodium (Na) | [7440-23-5] | 2,31 | % | Neutron Activation Analysis |
| Indicative Only | Tantalum (Ta) | [7440-25-7] | <0,0002 | % | Neutron Activation Analysis |
| Indicative Only | Tellurium (Te) | [13494-80-9] | <0,002 | % | Neutron Activation Analysis |
| Indicative Only | Terbium (Tb) | [7440-27-9] | 0,0001 | % | Neutron Activation Analysis |
| Indicative Only | Thorium (Th) | [7440-29-1] | 0,00129 | % | Neutron Activation Analysis |
| Indicative Only | Tin (Sn) | [7440-31-5] | <0,02 | % | Neutron Activation Analysis |
| Indicative Only | Tungsten (W) | [7440-33-7] | <0,0005 | % | Neutron Activation Analysis |
| Indicative Only | Uranium (U) | [7440-61-1] | 0,0007 | % | Neutron Activation Analysis |
| Indicative Only | Ytterbium (Yb) | [7440-64-4] | 0,0003 | % | Neutron Activation Analysis |
| Indicative Only | Zinc (Zn) | [7440-66-6] | <0,02 | % | Neutron Activation Analysis |
| Indicative Only | Zirconium (Zr) | [7440-67-7] | <0,05 | % | Neutron Activation Analysis |
| Indicative Only | Silver (Ag) | [7440-22-4] | 0,0011 | % | Neutron Activation Analysis |

| | | | | | nalysis |
|-----------------|--------------------------------|-------------|-----------|---|------------------|
| Indicative Only | Iron (Fe) | [7439-89-6] | 0,000539 | % | Fusion / X RF |
| Indicative Only | SiO ₂ | | 0,00616 | % | Fusion / X RF |
| Indicative Only | Al ₂ O ₃ | | 0,001427 | % | Fusion / X RF |
| Indicative Only | TiO ₂ | | 0,000115 | % | Fusion / X RF |
| Indicative Only | MnO | | 0,000011 | % | Fusion / X RF |
| Indicative Only | CaO | | 0,000571 | % | Fusion / X RF |
| Indicative Only | Phosphorus (P) | [7723-14-0] | 0,0000057 | % | Fusion / X RF |
| Indicative Only | Sulfur (S) | [7704-34-9] | 0,000004 | % | Fusion / X RF |
| Indicative Only | MgO | [1309-48-4] | 0,000348 | % | Fusion / X RF |
| Indicative Only | K ₂ O | | 0,000194 | % | Fusion / X RF |
| Indicative Only | Na ₂ O | | 0,000325 | % | Fusion / X RF |
| Indicative Only | LOI1000 | | 0,000043 | % | Fusion / X RF |