

Nickel-Copper-Gold Tailings

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|-----------------|-----------------------------------|
| Art. ID | CANMET-RTS-5 |
| Unit | 100 g |
| Deliverydetails | No Dangerous Good /not restricted |

Description

Mean values. RTS-5 is a nickel-copper-gold tailings prepared from a mixture of tailings from two Canadian mining companies. |||a) the data was obtained from various types of fusion based on statistical tests|||b) the data was obtained from fire assay pre-concentration only based on statistical tests|||c) the data was obtained from digestion with three acids (hydrochloric, nitric and hydrofluoric), four acids (hydrochloric, nitric, hydrofluoric and perchloric), various fusions and pressed powder pellet followed by x-ray fluorescence based on statistical tests|||d) the data was obtained from digestion with three acids, four acids and various fusions based on statistical tests|||e) the data was obtained from digestion with two acids (hydrochloric and nitric) based on statistical tests|||f) the data was obtained from digestion with four acids, various fusions and pressed powder pellet followed by x-ray fluorescence based on statistical tests|||g) the data was obtained from digestion with four acids in a closed vessel, various fusions, pressed powder pellet followed by x-ray fluorescence and instrumental neutron activation analysis based on statistical tests|||h) the data was obtained from digestion using four acids and various fusions based on statistical tests|||i) the data was obtained from digestion with three acids and four acids based on statistical tests|||j) the data was obtained from digestion with two and three acids based on statistical tests|||k) the data was obtained from digestion with four acids in a closed vessel and various fusions based on statistical tests.

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|-------------|---------------------|------|--------|--------|
| | Silver (Ag) | [7440-22-4] | 1,5 | µg/g | | |
| a) | Aluminium (Al) | [7429-90-5] | 6,25 | % | | |
| | Arsenic (As) | [7440-38-2] | 1286 | µg/g | | |
| b) | Gold (Au) | [7440-57-5] | 0,408 | µg/g | | |
| c) | Barium (Ba) | [7440-39-3] | 252 | µg/g | | |
| d) | Calcium (Ca) | [7440-70-2] | 3,86 | % | | |
| e) | Cobalt (Co) | [7440-48-4] | 69,8 | µg/g | | |
| c) | Cobalt (Co) | [7440-48-4] | 76,9 | µg/g | | |
| g) | Chromium (Cr) | [7440-47-3] | 261 | µg/g | | |
| | Copper (Cu) | [7440-50-8] | 647 | µg/g | | |
| h) | Iron (Fe) | [7439-89-6] | 11,9 | % | | |
| d) | Potassium (K) | [7440-09-7] | 0,85 | % | | |
| i) | Magnesium (Mg) | [7439-95-4] | 3,31 | % | | |
| a) | Magnesium (Mg) | [7439-95-4] | 3,59 | % | | |
| c) | Manganese (Mn) | [7439-96-5] | 1092 | µg/g | | |
| c) | Sodium (Na) | [7440-23-5] | 1,285 | % | | |
| e) | Nickel (Ni) | [7440-02-0] | 1023 | µg/g | | |
| f) | Nickel (Ni) | [7440-02-0] | 1104 | µg/g | | |
| | Phosphorus (P) | [7723-14-0] | 0,0369 | % | | |
| j) | Lead (Pb) | [7439-92-1] | 57,6 | µg/g | | |
| f) | Lead (Pb) | [7439-92-1] | 66,3 | µg/g | | |

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|-----|----------------|-------------|--------|------|
| | Sulfur (S) | [7704-34-9] | 1,924 | % |
| a) | Silicon (Si) | [7440-21-3] | 19,2 | % |
| c) | Strontium (Sr) | [7440-24-6] | 130,6 | µg/g |
| k) | Titanium (Ti) | [7440-32-6] | 0,3132 | % |
| e) | Zinc (Zn) | [7440-66-6] | 76,6 | µg/g |
| c) | Zinc (Zn) | [7440-66-6] | 105 | µg/g |