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# SAMPLE SUBMISSION FORM: GEOCHEMICAL TESTING

| **Enquiries:** \| Section Head Geochemistry | **Laboratory Reference No:** |
|---|---|

| **Customer Contact Information:** | |
|---|---|
| Customer /Company Name | |
| Primary contact person | |
| Samples submitted by | |
| Postal Address & Town | |
| Tel / Mobile Number | |
| Email Address | |
| Accounts contact person | |
| Tel / Mobile Number | |
| Email Address | |

**Financial Information:**

Customer / Company Name responsible for payment:

_____

Purchase Order No: _____

Quotation No (if any): _____

**Customer Account type** (tick the appropriate box)

☐ **Note:** Payment to be done within 30 days

☐ **Note:** Payment to be done prior to testing

**FOR OFFICIAL USE**

Sample(s) received & inspected by

Name: _____

Signature: _____

Date: _____ Time: _____

Sample(s) accepted (tick) ☐

**Analytical Instructions**

Rush TAT requests must be approved by the laboratory. A surcharge will apply

Standard TAT 10 working days (tick) ☐ Rush TAT 5 working days (tick) ☐

**Test Report**

- Test Report(s) will be emailed to primary contact by default
- Additional Test Report(s) will be emailed as specified below:

Email primary contact (tick) ☐

Other email address (tick & specify below) ☐

**Samples accepted with exception:** I the customer agree that the sample(s) should be tested even though not in compliance with the acceptance criteria

Customer Signature: _____

Date: _____

If rejected, was the customer informed (tick)

☐ Yes ☐ No

Reason for rejection:

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Additional information/known hazards (if any)

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**Customer Authorisation (compulsory)**

By signing below, you agree to Analytical Laboratory Services Terms & Conditions and authorise Analytical Laboratory Services to perform the requested tests to the best of their knowledge and in accordance with specified Test Methods.

Customer Signature: _____

Date: _____

**Note: Complete page 1-2 and all other applicable pages to your request**

| **Sample Information** | | | | **FOR OFFICIAL USE** |
|---|---|---|---|---|
| No. | Sample Description | Sample Matrix | Sample Sequence From - To | Lab Sample No. |
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*Type of Samples:

Non processed geological materials: rock, core, stream/soil/sediment

Advanced exploration: ores and high-grade materials

Mine concentrates/metallurgical products, Leach solution

Environmental samples: dust, soil

**Please specify**:

Sampling done by: _Client_____

Signature: _____

Reference of the sampling method (if available): _____

Project name: _____

Special Instructions (when applicable): _____

**Storage & Disposal** Note: Split rejects and pulps will be retained for a period of not more than 90 days from the date of the final report. After 90 days the material will be disposed unless requested otherwise

**Rejects**
- ☐ **RTRN** Return immediately
- ☐ **DISP-RJT** Dispose after 3 months
- ☐ **STOR-RJT** Store after 3 months

**Pulps**
- ☐ **RTRN** Return immediately
- ☐ **DISP-RJT** Dispose after 3 months
- ☐ **STOR-RJT** Store after 3 months

A disposal and/or storage fee of 1% of the subtotal excl. VAT will apply for disposal and/or storage of rejects and pulps

**Note: Complete page 1-2 and all other applicable pages to your request**

| SAMPLE PREPARATION | | | |
|---|---|---|---|
| **Note:** The laboratory will select the test parameters on behalf of the client, when a signed quotation is attached to this request form. | | | |
| **No.** | **Test Parameters** | **Reference Method** | **Tick** |
| **1.** | Sample Preparation | WHK METH GC 001 based on ISO 11464:2006 | ☐ |
| **2.** | Crushing and splitting | WHK METH GC 001 based on ISO 11464:2006 | ☐ |
| **3.** | Pulverising only (coarse pulp or crushed rock) | WHK METH GC 001 based on ISO 11464:2006 | ☐ |
| **4.** | Second split from master pulp in storage | WHK METH GC 001 adapted from ISO 11464:2006 | ☐ |
| **5.** | Compositing (per composite) | WHK METH GC 001 adapted from ISO 11464:2006 | ☐ |
| **6.** | Sieving to -180µm (-80 mesh) up to 1kg | WHK METH GC 001 adapted from ISO 11464:2006 | ☐ |
| **7.** | Sieving to -180µm (-80 mesh) overweight per kg | WHK METH GC 001 adapted from ISO 11464:2006 | ☐ |
| **8.** | Further sieving to other mesh sizes per kg | WHK METH GC 001 adapted from ISO 11464:2006 | ☐ |
| **9.** | Sieving to -75µm (-200 mesh) up to 1kg | WHK METH GC 001 adapted from ISO 11464:2006 | ☐ |
| **10.** | Sieving to -75µm (-200 mesh) overweight per kg | WHK METH GC 001 adapted from ISO 11464:2006 | ☐ |
| **11.** | Bulk sample preparation (charged per hour) | WHK METH GC 001 adapted from ISO 11464:2006 | ☐ |
| **12.** | <5kg, sorting, drying, weighing, crushing 80% <2mm, splitting 250g, pulverizing (LM2, chrome steel bowls) 85% <75µm | WHK METH GC 001adapted from ISO 11464:2006 | ☐ |
| **13.** | <5kg, sorting, drying, weighing, crushing 80% <2mm, splitting500g, pulverizing (LM2, chrome steel bowls) 85% <75µm | WHK METH GC 001 adapted from ISO 11464:2006 | ☐ |
| **14.** | <5kg, sorting, drying, weighing, crushing 80% <2mm, splitting 1kg, pulverizing (LM2, chrome steel bowls) 85% <75µm | WHK METH GC 001 adapted from ISO 11464:2006 | ☐ |
| **15.** | <5kg, sorting, splitting 250g, pulverising (LM2) 85% <75µm | WHK METH GC 001 adapted from ISO 11464:2006 | ☐ |
| **16.** | <5kg, sorting, splitting 500g, pulverising (LM2) 85% <75µm | WHK METH GC 001 adapted from ISO 11464:2006 | ☐ |
| **17.** | <5kg, sorting, splitting 1kg, pulverising (LM2) 85% <75µm | WHK METH GC 001 adapted from ISO 11464:2006 | ☐ |

| GEOCHEMICAL & ENVIRONMENTAL ANALYSIS | | | |
|---|---|---|---|
| **Note:** The laboratory will select the test parameters on behalf of the client, when a signed quotation is attached to this request form. | | | |
| **No.** | **Test Parameters** | **Reference Method** | **Tick** |
| **1.** | Single acid leach / dissolution | WHK METH GC 014 based on E2941 − 21 | ☐ |
| **2.** | Aqua regia digestion (partial) (HCl, $HNO_3$), 0.5g | WHK METH GC 015 adapted from EPA Methods | ☐ |
| **3.** | EPA Digestion Methods | WHK METH GC 022 based on EPA Methods | ☐ |
| **4.** | Multi acid digestion (near total) (HCl, HF, HNO3, HClO4) | WHK METH GC 012 based on E2941 − 21 | ☐ |
| **5.** | ICP-MS Total Quant Multi elemental Scan Analysis excluding elements (Na, Ca, Mg, K, S, Si, PGMs, Au) | WHK METH GC 016 based ISO 16965:2025 | ☐ |
| **6.** | ICP-MS KED METH 2: Rare Earth Elements: (Ce, Dy, Er, Eu, Gd, Ho, La, Lu, Nd, Pr, Sc, Sm, Tb, Th Tm, Y, Yb) | WHK METH ICP 002 based ISO 16965:2025 | ☐ |
| | KED METH 3 Ag, As, Ba, Bi, Cd, Co, Cr, Cs, Cu, Ga, In, Li, Mn, Ni, Pb, Rb, Sr, Tl, V, Zn | | ☐ |
| | KED METH 4 Hf, Ir, Pd, Pt, Rh, Ru, Sb, Sn, Te. | | ☐ |
| | KED METH 5 B, Ge, Mo, Nb, Re, Ta, Ti, W, Zr. | | ☐ |
| **7.** | Iron by titration | WHK METH GC 011 based on ISO 2597-4 2019 | ☐ |
| **8.** | Iron 2+ by titration | WHK METH GC 004 Adapted from Assays and Analytical Practice: Analysis of Uranium Samples Pg 169 | ☐ |
| **9.** | Iron 3+ by titration | WHK METH GC 005 Adapted from Assays and Analytical Practice: Analysis of Uranium Samples Pg 169 | ☐ |
| **10.** | Free H2SO4 titration | WHK METH GC 002 Adapted from Assays and Analytical Practice: Analysis of Uranium Samples Pg 170 | ☐ |
| **11.** | Copper by titration | WHK METH GC 010 based on ISO 10258 2018 | ☐ |
| **12.** | Chloride by Titration | WHK METH GC 007 Adapted from Volhard standard Method SANs | ☐ |
| **13.** | Fluoride by ion selective Electrode | WHK METH GC 018 Adapted from | ☐ |
| **14.** | Moisture | WHK METH GC 019 | ☐ |
| **15.** | LOI | WHK METH GC 020 | ☐ |
| **16.** | Calcium Fluoride by calculation determination in fluorspar: XRF, calcium carbonate content | WHK METH GC 021 adapted from E 1506 – 97 | ☐ |

**Note: Complete page 1-2 and all other applicable pages to your request**

| ELEMENTAL ANALYSIS BY ICP-OES | | | |
|---|---|---|---|
| **No.** | **Test Parameters** | **Reference Method** | **Tick** |
| **1.** | Aluminium | XRF or WHK METH ICP 001/002/003 if sample already in solution | ☐ |
| **2.** | Antimony | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **3.** | Arsenic | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **4.** | Barium | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **5.** | Beryllium | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **6.** | Bismuth | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **7.** | Boron | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **8.** | Cadmium | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **9.** | Calcium | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **10.** | Chromium | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **11.** | Cobalt | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **12.** | Copper | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **13.** | Gold | Photon assay or Fire Assay | ☐ |
| **14.** | Iron | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **15.** | Lead | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **16.** | Lithium | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **17.** | Magnesium | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **18.** | Manganese | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **19.** | Mercury | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **20.** | Molybdenum | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **21.** | Nickel | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **22.** | Potassium | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **23.** | Rubidium | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **24.** | Selenium | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **25.** | Silica | XRF or WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 if sample already in solution | ☐ |
| **26.** | Silver | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **27.** | Sodium | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **28.** | Strontium | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **29.** | Thallium | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **30.** | Tellurium | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **31.** | Tin | XRF or WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 if sample already in solution | ☐ |
| **32.** | Titanium | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **33.** | Uranium | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **34.** | Vanadium | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| **35.** | Zinc | WHK METH ICP 001/002/003 based on ISO 22036:2024 and/or ISO 16965:2025 | ☐ |
| | Elemental Analys is either analysed on the ICP-MS WHK METH ICP 002 and/or ICP-OES WHK METH ICP 001, WHK METH ICP 003 | | |

**Note: Complete page 1-2 and all other applicable pages to your request**

| Handling of Outsourced Testing | | | |
|---|---|---|---|
| **No.** | **Test Parameters** | | **Tick** |
| **1.** | PAH, please specify | Outsourced | ☐ |
| **2.** | VOC, including:<br>Mono-Aromatic Hydrocarbons<br>Bromo/Chlorobenzenes:<br>Polyaromatic compound: naphthalene | Outsourced | ☐ |
| **3.** | BTEX-GRO, including:<br>MTBE, TAME, benzene, toluene, ethylbenzene, m+p-xylene, o-xylene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, naphthalene, GRO C6-C10 | Outsourced | ☐ |
| **4.** | TPH-GRO, including:<br>C6-C10, C10-C28, C28-C40 | Outsourced | ☐ |
| **5.** | BTEX-GRO, including:<br>MTBE, TAME, benzene, toluene, ethylbenzene, m+p-xylene, o-xylene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, naphthalene, GRO C6-C10 | Outsourced | ☐ |
| **6.** | XRF analysis, handheld using default methods (Outsourcing) | Outsourced | ☐ |
| **7.** | Photon Gold Analysis | Outsourced | ☐ |
| **8.** | XRD Identification and Quantification | Outsourced | ☐ |
| **9.** | PGMs and Gold Fire Assay | Outsourced | ☐ |

**Note:** Prices are specified on FM 7.1- 5

**Instructions to complete this form (PDF) electronically**

1. Select/click Tools on the Menu Bar
2. Select/click on Fill & Sign
3. Select/click on the area/space to be filled and type the relevant information.
4. Sign and Email the Sample Submission form to the Laboratory or send it together with the samples.

**Note:** The instructions steps might differ based on the PDF package