***Earth Surface Research Laboratory***

***Access Application – Funded Research Projects***

This form is for researchers who require paid access to the ESRL with funding from an external source. Full details of the available facilities, potential data and analysis times can be found at www.tcd.ie/Geology/esrl/. For details of analysis costs or to submit your application, contact the ESRL Director (Michael.Stock@tcd.ie).

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| **1. ESRL project title** |  |

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| **2. Applicant details** | |
| **Name** |  |
| **Title** (Mr, Ms, Dr, Prof. etc.) |  |
| **Position** (PhD student, Postdoctoral Researcher, Lecturer etc.) |  |
| **Organisation name** |  |
| **Phone number** |  |
| **Email** |  |

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| **Organisation type** | HEI  Other (please specify) |
| **Department/section** |  |
| **Address** |  |

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| **3. Project funding** | |
| **Funding organisation** |  |
| **Project title** |  |
| **Grant number** (if applicable) |  |
| **Did the ESRL provide a Letter of Support for this grant?** |  |
| **Name of PI or Collaborator based on the Island of Ireland** |  |

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| **4. ESRL requirements** | |
| **Preparation equipment** | Balances  Pellet pressing  Loss on ignition  Grinding  Fusion |
| **Analytical equipment** | Zetium WD-XRF  Hg Analyser  Elemental Analyser  Rigaku ED-XRF |
| **Technical support** | Technicians prepare and analyse samples  User prepares and analyses samples (nb. technicians always analyse Zetium samples) |
| **Additional preparation (TCD facilities, by special request only)** | Sample crushing  Sample grinding |

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| **5. Application type** (resubmissions must include a letter addressing the SAC comments) | New submission  Re-submission |

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| **6. Project details** (*max. 200 words)* |
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| **7. Student project** – *if these analyses are part of a student’s PhD or MSc project, describe their significance and relationship to the aims of their thesis (max. 100 words)* | | | | | | |
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| **PhD project title** | |  | | | | |
| **Awarding University** | |  | | | | |
| **PhD start date** | |  | **PhD end date** | |  | |
| **8. Sample details** – *describe samples in as much detail as possible, giving details of the matrix and any unusual elemental compositions (e.g. non-geological abundances or suspected contamination). Use different rows for different instruments or samples types (add extra rows as necessary).* | | | | | | |
| **Instrument** | **Sample description** | | | **Type of sample**  (loose powder, pressed powder, fused bead) | | **Number of samples** |
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| **Confirmation of sample suitability** *– I confirm that I have read the information on the ESRL website (www.tcd.ie/Geology/esrl) regarding instrument capabilities and sample requirements or have discussed these with an appropriate ESRL staff member. I understand that some sample materials may not be suitable for all types of analysis and that I am responsible for checking that my samples are appropriate. I hereby confirm that the samples detailed above are appropriate for the proposed analytical technique(s) (tick box)*. | | | | | |  |

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| **9. Analytical details** – *please detail the analytical requirements of the project. Standard instrument capabilities are outlined at www.tcd.ie/Geology/esrl/equipment and the feasibility of any unconventional analytical requirements (i.e. beyond those detailed on the website) must be discussed with an ESRL staff member prior to submitting a project application.* | | | | |
|  | **Element** | **Instrument** | **Approx. concentration** | **Required precision** |
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| **10. Project timing** – *state when analyses are required, justifying any time-critical analyses (where appropriate)* |
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| **11. Prior consultation** (name any ESRL staff member with whom project requirements have been discussed) |  |

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| **12. Declaration** – *I declare that the information provided is accurate and that the analyses are not being undertaken for commercial processes. I consent that Trinity College Dublin and/or Geological Survey Ireland may make any enquires they consider necessary to verify the information provided herein. I agree to pay for preparation and analyses at a rate agreed with the Director prior to the commencement of work and to undertake all laboratory work in line with the ESRL Quality Management System. I agree to appropriately acknowledge the ESRL in related published and public outputs, stating that the work was supported by the Geological Survey Ireland-funded Earth Surface Research Laboratory in Trinity College Dublin. I agree to publish any ESRL results which were funded, either in part or in full, by Geological Survey Ireland in line with the* [*NORF Framework and FAIR research data principles*](https://norf.ie/) *(this includes where ESRL facilities were accessed at a subsidised rate).* | |
| **Applicant signature** |  |
| **Date** |  |

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| **For Official Use Only** | |
| **Date received** |  |
| **Application No** |  |
| **Status** |  |