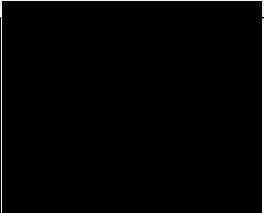


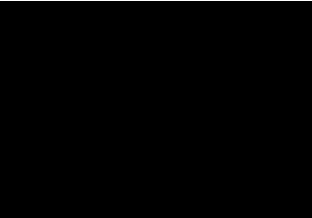
### Confirmation of Compliance with the Code of Conduct for Expert Witnesses

| Name                              | Discipline          | Reports Prepared                               | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                              | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                               | Signature                                                                           |
|-----------------------------------|---------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Report Authors</b>             |                     |                                                |                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                     |
| <b><i>Terrestrial Ecology</i></b> |                     |                                                |                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                     |
| Dr Gary Bramley                   | Terrestrial Ecology | Ecological Impact Assessment                   | I am an owner and Director of EcoLogical Solutions Limited.                                                                                                                                                                                                                                                                                                                         | I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports. |  |
|                                   |                     | Vegetation Mapping Report                      | I hold the degrees of Bachelor of Science (1992) and Master of Science (First Class Honours in Ecology, 1995) both from Massey University, and a Doctorate of Philosophy in Biology from the University of Waikato (1999).                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                     |
|                                   |                     | Assessment of Rehabilitation Outcomes          |                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                     |
|                                   |                     | Upper Waimangaroa Haul Road Options Assessment | I have worked as a consultant ecologist since 2000 and the majority of my relevant work experience has been to undertake or contribute to a large number of ecological investigations, significance assessments and assessments of ecological effects of developments on urban, peri-urban, coastal, forest, wetland, gumland, farmland and subalpine areas throughout New Zealand. |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                     |
|                                   |                     | Escarpment Ecology Report                      |                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                     |
|                                   |                     | Mt Fred South Ecology Report                   |                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                     |
|                                   |                     | Stockton Ecology Report                        |                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                     |
|                                   |                     | Upper Waimangaroa Haul Road Ecology Report     | I have published or contributed to twelve peer reviewed papers and more than 300 unpublished reports prepared                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                     |

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| Name | Discipline | Reports Prepared                                                                                                                                                                                                                                                                  | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Confirmation of Compliance with the Code of Conduct for Expert Witnesses | Signature |
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|      |            | <p>Wildlife Authority Application Technical Report</p> <p>Weed Management Plan</p> <p>Avifauna Management Plan</p> <p>Biosecurity Management Plan</p> <p>Rehabilitation Management Plan</p> <p>Blackburn Pākihi vegetation report</p> <p>Zonation Conservation Mapping Report</p> | <p>for variety of clients. In July 2017, I completed the “Making Good Decisions” programme and am a certified resource consent hearings commissioner.</p> <p>In 2004 I was awarded an “Old Blue” Conservation Award by the Royal Forest and Bird Protection Society followed in 2006 by a Northland Biodiversity Enhancement Group award for contribution to the conservation of Northland's natural heritage. In 2018, I was awarded life membership of the Puketi Forest Trust, a charitable trust which I helped establish in 2003 to restore Puketi Forest in Northland.</p> <p>I have provided ecological advice to a range of mining projects over the course of my career including coal, gold and alluvial sand mines. I first visited the Stockton Plateau in 2009.</p> <p>I am a member of the New Zealand Ecological Society, the Ornithological Society of New Zealand, the New Zealand Plant Conservation Network and the Environment Institute of Australia and New Zealand (<b>EIANZ</b>).</p> |                                                                          |           |

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| Name           | Discipline                   | Reports Prepared                                                                                                                                                                                                                                                    | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                           |
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| Dr Brian Lloyd | Terrestrial Ecology – Snails | <p>Assessment of Impacts on Powelliphanta patrickensis Snails and Proposed Effects Management</p> <p>Snail Population Models</p> <p>Snail Management Plan</p> <p>Monitoring Birds, Bats and Powelliphanta Snails in the Blackburn Intensive Ground Control Area</p> | <p>I am an independent consultant ecologist and have been providing scientific reports on aspects of the ecology of Buller Plateaux since 2011.</p> <p>I was employed by the New Zealand Wildlife Service and then the Department of Conservation (<b>DOC</b>) for twenty-eight years up until 2008, initially as a science technician and then as a research scientist. I have been working as an independent ecological consultant since 2008. As an independent ecological consultant, I have undertaken field research and provided expert ecological advice on protected species to developers, other consultants, DOC and conservation organisations. Frequently my advice has concerned the impact of development projects, such as windfarms, water storage dams, new roads, mines, and hydro generation projects.</p> <p>My academic qualifications are Ph.D. Ecology, Massey University, New Zealand (The Ecology and Molecular Ecology of the New Zealand Short-tailed Bat), M.Sc. Zoology, Victoria University, New Zealand. (<i>Remote</i></p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

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| Name                 | Discipline          | Reports Prepared                                                                               | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                               | Signature |
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|                      |                     |                                                                                                | <i>Radio-tracking: a Study of the Methodology</i> ) and B.Sc. (Hons.) Biochemistry Leeds University, United Kingdom.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |           |
| Ruth Bollongino      | Terrestrial Ecology | Monitoring Birds, Bats and Powelliphanta Snails in the Blackburn Intensive Ground Control Area | I, Ruth Bollongino, received a PhD in Biology at the University of Mainz (Germany) in 2005. After moving to New Zealand in 2015 I worked as the Science Advisor for Project Janszoon. I developed baseline and outcome monitoring to measure the ecological benefits of pest control in the Abel Tasman National Park, focussing on landscape scale acoustic bird monitoring and nocturnal snail monitoring. I also deliver acoustic bird monitoring for DOC. I am furthermore experienced in operations management, budgeting, project planning & reporting, health and safety & contractor management, and community group relations. I recently launched my own company (Skywave Ecology Ltd) offering ecological consultancy services. | I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports. |           |
| Rhys Buckingham MNZM | Terrestrial Ecology | Monitoring Birds, Bats and Powelliphanta Snails in the Blackburn Intensive Ground Control Area | I, Rhys Philip Buckingham, received a Bachelor of Science Degree at University of Otago in 1971. Since then, I have been involved in a number of ecological projects specialising in threatened species (birds, bats and                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The                                                                                                                                                                                                                                                                          |           |

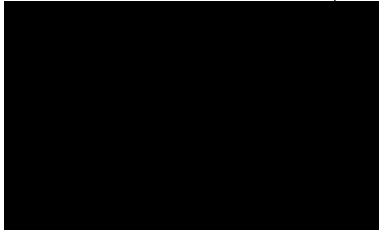
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| Name          | Discipline          | Reports Prepared                                                                                                                                                                                                             | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                           | Signature |
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|               |                     |                                                                                                                                                                                                                              | <p><i>Powelliphanta</i> land snails) and general baseline ecological surveys. My work has involved planning, budgeting, employing staff, and preparing final reports for Government Departments (New Zealand Forest Service &amp; DOC) and a range of companies including Solid Energy Ltd, Bathurst Resources Ltd, Meridian Energy Ltd, Oceana Gold and Westpower Ltd.</p> <p>I am an approved wildlife ecologist for Buller District Council and I received a Queen's Birthday Honours award for ecology (MNZM) in 2000.</p> | <p>reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p>                                                                                                    |           |
| Dr Matt Baber | Terrestrial Ecology | <p>Baseline Mammalian Pest Monitoring Report (Co-author)</p> <p>Residual Adverse Effects Report (Co-author)</p> <p>Biodiversity Outcome Monitoring Plan (Co-author)</p> <p>Pest Control and Elimination Plan (Co-author)</p> | <p>I am currently employed as Principal Ecologist and Director at Alliance Ecology and have held that position since 2019.</p> <p>I hold a Bachelor of Zoology from the University of Otago, a Master of Science (Hons) in Conservation Ecology from the University of Auckland, and a PhD in Ecology from Florida International University.</p> <p>I have 24 years' professional experience as an ecologist, working in academia, local government and</p>                                                                    | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract</p> |           |

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| Name | Discipline | Reports Prepared                   | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Confirmation of Compliance with the Code of Conduct for Expert Witnesses | Signature |
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|      |            | Lizard Management Plan (Co-author) | <p>consulting in the United States and New Zealand.</p> <p>I have served or currently serve on three fast track application expert panels and have completed the Ministry for the Environment Making Good Decisions course and was recertified as an independent hearing commissioner in December 2021.</p> <p>I am a member of the New Zealand Ecological Society, the Ornithological Society of New Zealand, the Society for Research on Amphibians and Reptiles in New Zealand, the National Wetland Trust, and the EIANZ. I hold a DOC Wildlife Authority to undertake lizard surveys and capture in the Auckland region since 2005.</p> <p>Since 2006, I have appeared as an expert witness before numerous council hearings, the Environment Court and a Board of Inquiry in relation to consent applications for infrastructure projects. I am also involved in numerous Fast-track Approvals applications. My specialist expertise includes assessing ecological effects, and designing and</p> | from the opinions expressed in my reports.                               |           |

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| Name             | Discipline          | Reports Prepared                                                                                                                                                                                                                                                       | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                           |
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|                  |                     |                                                                                                                                                                                                                                                                        | implementing mitigation / biodiversity offset and compensation packages, ecological restoration initiatives, and monitoring programmes.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |
| Dr Helen Blackie | Terrestrial Ecology | <p>Baseline Mammalian Pest Monitoring Report (Co-author)</p> <p>Residual Adverse Effects Report (Co-author)</p> <p>Biodiversity Outcome Monitoring Plan (Co-author)</p> <p>Pest Control and Elimination Plan (Co-author)</p> <p>Lizard Management Plan (Co-author)</p> | <p>I am currently employed as a Principal Ecologist and Director at Alliance Ecology and have held that position since 2024. I am also a co-founder and Research Lead of Critter Solutions Ltd. I hold the qualifications of BSc in Biological Science (2002), MSc (first class honours) in Biological Science (2005) and completed a PhD in Environmental Science (2010), all from the University of Auckland.</p> <p>I have over 20 years' experience in ecology, biosecurity, restoration and pest control. I also have experience as an expert witness both in Council level hearings and the Environment Court. In 2023 I received the 'Excellence in Environmental Practice Award' from EIANZ, which recognises outstanding practice by an individual.</p> <p>My particular areas of expertise are vertebrate pest management and the research and development of control tools and technologies for detecting and controlling pest animal species. I</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

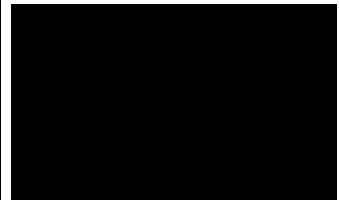
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| Name             | Discipline       | Reports Prepared                                                                                                  | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                            | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                               | Signature |
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|                  |                  |                                                                                                                   | <p>also work extensively with a range of public and private clients to assist them in achieving specific biodiversity goals through the implementation of comprehensive, tailored pest control regimes.</p> <p>I have more than 30 peer reviewed publications in leading international and national ecological journals. I have also authored multiple technical and best practice documents,</p> |                                                                                                                                                                                                                                                                                                                                                                                                                        |           |
| Dr John McLennan | Predator fencing | <p>Pest Exclusion Fencing Feasibility Report</p> <p>Report on Impact of Predator Proof Fences on Kiwi Habitat</p> | I am an ecologist with 40 years of experience in kiwi conservation, and 18 years of experience in the design and construction of pest-exclusion fences. I have a PhD in ecology (Aberdeen University 1979) and a B.Agr. Sc. (Lincoln University 1973). I am a Director and shareholder of Pestproof Fences Limited, a company that builds pest-exclusion fences for the protection of wildlife.   | I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports. |           |

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| Name             | Discipline          | Reports Prepared                                                                                   | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                           |
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| Darryl MacKenzie | Statistical Ecology | Peer Review of Modelling Trends in Powelliphanta patrickensis Snail Populations, 19 November 2025. | <p>I have the following relevant qualifications and experience:</p> <ul style="list-style-type: none"> <li>a. Ph.D. (Statistics), University of Otago, 2002.</li> <li>b. Diploma in Applied Statistics, University of Otago, 1998.</li> <li>c. B.Sc (Statistics), University of Otago, 1995.</li> <li>d. Since September 2001 I have been self-employed at Proteus.</li> <li>e. In 2019 and 2020 I held a 0.2 FTE Associate Professor position in the Department of Mathematics and Statistics, University of Otago, a since that time held an Honorary Associate Professor position in the same department (currently in the renewal process).</li> <li>f. I specialise in applying statistical methods to ecological applications, with a particular expertise in species distribution modelling, mark-recapture methods, and distance sampling for estimating animal abundance. During my almost 30-year consulting career I have worked on a wide range of ecological and environmental applications, all around the world.</li> <li>g. I have 80 peer-reviewed publications in scientific journals, taught over 60 short-</li> </ul> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

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|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|  |  |  | <p>courses on statistical methods to ecologists and other biological scientists.</p> <p>h. I have previously provided the Department of Conservation and Solid Energy with expert design advice on mark-recapture studies for <i>Powelliphanta augusta</i> and <i>Powelliphanta patrickensis</i> on monitoring plots the Buller Plateaux, and conducted analyses of such data to estimate snail abundance and annual survival probabilities (e.g., MacKenzie 2014; MacKenzie 2020).</p> |  |  |
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| Name                   | Discipline      | Reports Prepared                                                                                                                                                                                                                                    | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                           |
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| <b>Aquatic Ecology</b> |                 |                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |
| Dr Kristy Hogsden      | Aquatic Ecology | <p>Aquatic Ecology Assessment of Effects (Co-author)</p> <p>Fish Barrier Remediation Compensation Package (Co-author)</p> <p>Aquatic Ecology Management Plan</p> <p>Buller Plateaux Continuation Project - Bryophytes and pH maxima (co-author)</p> | <p>I am a Periphyton Ecologist and Group Manager (Freshwater Ecology) at Earth Sciences New Zealand.</p> <p>I hold a BSc Hons from Trent University (Canada), MSc in Ecology and Environmental Biology from the University of Alberta (Canada), and PhD in Ecology from the University of Canterbury (New Zealand). I am a member of the New Zealand Freshwater Sciences Society.</p> <p>I have over 15 years' experience as a freshwater ecologist. My work involves assessing environmental impacts on aquatic communities (periphyton, macroinvertebrates and fish) in streams and lakes using survey and experimental approaches. I have worked across a range of environmental issues related to freshwater ecosystems, including mining, acidification and agriculture. I design and undertake field surveys and monitoring programmes, data analysis and reporting to support freshwater research and consultancy projects. I have authored or contributed to 21 scientific papers and over 50 technical</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

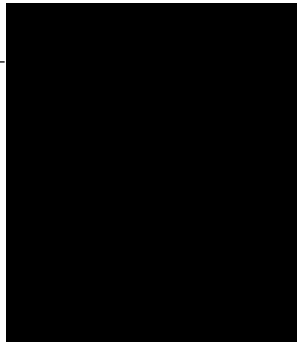
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| Name                | Discipline      | Reports Prepared                                  | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature |
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|                     |                 |                                                   | <p>client reports on water quality and aquatic ecology.</p> <p>My PhD research contributed to our understanding of the complex ecological effects of acid mine drainage on the structure and function of food webs in stream ecosystems on the West Coast. I have published six scientific papers and written one book chapter on the effects of mining on water quality and aquatic ecology in New Zealand.</p>                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                               |           |
| Dr Phillip Jellyman | Aquatic Ecology | Aquatic Ecology Assessment of Effects (Co-author) | <p>I hold the following qualifications as an expert: B.Sc in Biology, B.Sc (Hons 1st Class) in Ecology and a Ph.D in Ecology, all from the University of Canterbury.</p> <p>I am a freshwater scientist with over 20 years of experience. I was first employed with the National Institute of Water and Atmospheric Research Limited (<b>NIWA</b>) in 2005 and I have held my current position, now with Earth Sciences New Zealand, as a Freshwater Fisheries Ecologist since January 2012. I am currently employed as Operations Manager – Christchurch and have held that position since July 2021. My research has resulted in 30</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |           |

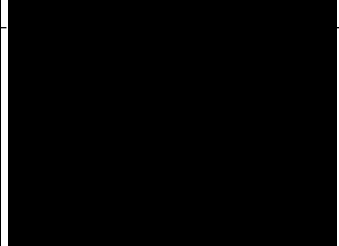
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| Name | Discipline | Reports Prepared | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Confirmation of Compliance with the Code of Conduct for Expert Witnesses | Signature |
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|      |            |                  | <p>publications, five book chapters, over 60 scientific reports and I was the lead editor for the book <i>Advances in New Zealand Freshwater Science</i> containing 34 book chapters involving over 80 national and international scientists. My publications have included scientific papers in international journals and book chapters on the biology and ecology of freshwater fishes, fisheries management, habitat restoration, as well as the effects floods and anthropogenic activities on aquatic ecosystems. I am a member of the New Zealand Freshwater Sciences Society and was an elected Executive Committee member from 2013–2020.</p> <p>My previous work experience relevant to this application dates to 2005 as an expert witness for Kawatiri Energy – Lake Rochfort hydro scheme where I designed and executed pre-consenting aquatic ecology surveys and led the report and evidence writing. I have since undertaken aquatic ecology surveys for Solid Energy across Denniston and Stockton Plateaux and was involved in field work for Buller Coal Ltd's consent application in 2012.</p> |                                                                          |           |

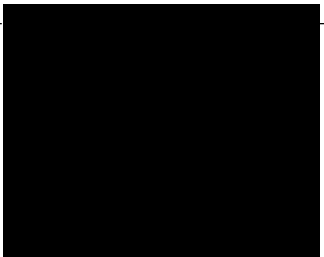
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|                |                 |                                                                        | I have subsequently led a range of aquatic survey and restoration work associated with these consents for both Buller Coal Ltd and Bathurst Resources Ltd.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
| Dr Duncan Gray | Aquatic Ecology | Stockton Aquatic Ecology: History, Thresholds and Long-term Management | <p>I am employed as a Principal Scientist at Instream Consulting Ltd.</p> <p>I hold an MSc Hons and PhD in stream ecology from the University of Canterbury and am a member of the New Zealand Freshwater Sciences Society.</p> <p>I have 20 years' experience in freshwater ecology.</p> <p>I have been lead author on eight peer-reviewed scientific papers and a number of reports detailing original research on invertebrates, fish and water quality. My PhD focused primarily on ecology within braided rivers. I undertook post graduate research on the effects of Acid Mine Drainage on aquatic macroinvertebrates.</p> <p>I remain actively involved in research through my association with the New Zealand Freshwater Sciences Society,</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |                                                                                     |

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|                |                 |                                                           | various universities and Crown research institutes. I was lead chapter author on an update of Advances in New Zealand Freshwater Sciences (Gray et al., 2016).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |
| Dr Cindy Baker | Aquatic Ecology | Fish Barrier Remediation Compensation Package (Co-author) | <p>I am a Principal Scientist in Freshwater Fish and Group Manager (Freshwater Ecology) at Earth Sciences New Zealand, based in Hamilton.</p> <p>I hold a BSc, MSc (First Class Honours) and PhD in sensory biology from the University of Auckland, and am a member of the New Zealand Freshwater Sciences Society.</p> <p>I have over 25 years' experience as a freshwater ecologist. I have published 67 peer-reviewed journal articles, book chapters and conference proceedings (37 as lead author), and authored over 150 client reports.</p> <p>I am widely recognised as a national expert in fish passage, specialising in migratory species such as lamprey and galaxiids. I am a co-author of the New Zealand Fish Passage Guidelines and lead author of national guidance on monitoring fish passage success at instream structures and fishways. I</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

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| Name             | Discipline         | Reports Prepared                                                   | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                           | Signature                                                                            |
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|                  |                    |                                                                    | <p>have also contributed to the development and implementation of national freshwater policy under the National Policy Statement for Freshwater Management 2020.</p> <p>My commercial work focuses on ecological effects assessments for resource consents. I routinely provide expert advice on the design, assessment and monitoring of fish passage at instream structures across a range of developments, working with industry, government and iwi to deliver practical, science-based solutions that improve connectivity for native fish.</p> |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                      |
| Dr Paul Franklin | Freshwater Ecology | Kōura movement Ecology and Passage Requirements Report (Co-author) | <p>I am a Freshwater Ecologist at Earth Sciences New Zealand, Hamilton, with over 20 years' experience.</p> <p>I hold a BSc (Hons) in Human &amp; Physical Geography, MSc in Modelling &amp; Management of Freshwaters, and PhD in hydroecology from the University of Reading (UK). I am a member of the New Zealand Freshwater Sciences Society.</p> <p>I have published 42 peer-reviewed journal papers, 2 book chapters, 17</p>                                                                                                                  | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract</p> |  |

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|                    |                    |                                                                    | <p>peer-reviewed conference proceedings and &gt;50 client reports.</p> <p>I am recognised as a leading national and international expert on fish passage. I am lead author of the New Zealand Fish Passage Guidelines, co-author of national guidance on monitoring fish passage success at instream structures and fishways, and led development of the Fish Passage Assessment Tool. I have played a key role in leading work to support the development and implementation of the National Environmental Standards for Freshwater and National Policy Statement for Freshwater Management 2020.</p> <p>I have extensive experience providing technical advice to support regional plan development and implementation, with an emphasis on fish passage and environmental flows. This has included acting as an expert witness at Environment Court hearings on the Northland and Waikato regional plans.</p> | from the opinions expressed in my reports.                                                          |           |
| Dr Rachel Crawford | Freshwater Ecology | Kōura movement Ecology and Passage Requirements Report (Co-author) | I am employed as a Freshwater Ecologist at Earth Sciences New Zealand. I hold a BSc in Biology from the University of Washington (USA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the |           |

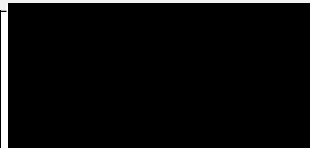
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| Name | Discipline | Reports Prepared | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                  | Signature |
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|      |            |                  | <p>and a PhD in Ecology from the University of Waikato (New Zealand).</p> <p>My work focuses on freshwater ecology, with particular interests in fish ecology, fish passage and freshwater connectivity. I have experience designing and undertaking freshwater surveys, experimental research and monitoring programmes, including fish surveys, electrofishing, fish tagging and biotelemetry. I also undertake data analysis and reporting to support freshwater research and consultancy projects.</p> <p>My PhD research investigated the swimming performance, behaviour and passage of migratory freshwater fish, contributing to our understanding of the factors influencing fish passage through instream barriers and culverts. I have been a lead author on six peer reviewed scientific publications, focused on fish swimming performance, behaviour and passage. I remain actively involved in applied freshwater research across New Zealand.</p> | <p>Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |           |

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| Name            | Discipline    | Reports Prepared                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature |
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| Dr Chris Hickey | Ecotoxicology | <p>Buller Plateaux Continuation Project: Water Quality Protection Guidelines</p> <p>Buller Plateaux Continuation Project: Classification of streams for water quality protection levels</p> <p>Buller Plateaux Continuation Project: Site-specific water quality protection levels for turbidity</p> <p>Buller Plateaux Continuation Project: Assessment of potential for nitrogen concentration increase in Denniston Plateaux receiving waters</p> <p>Level of Protection for water quality guideline application to plateaux streams</p> | <p>I work for RMA Science specialising in Ecotoxicology and Environmental Risk Assessment. Previously, until September 2020, I was employed as Principal Scientist – Ecotoxicology and Environmental Chemistry with NIWA (now Earth Sciences New Zealand) based in Hamilton. Prior to this I was employed by NIWA and its predecessors as a research scientist since 1979.</p> <p>I hold the degrees of B.Sc., chemistry and biology from the University of Waikato (1976), M.Sc. (hons), biochemistry and chemistry from University of Waikato (1978); and Doctor of Philosophy in biochemistry/microbiology from the University of Waikato which I received in 1986.</p> <p>I have worked for over 40 years in environmental research and consulting in the area of contaminant impacts in fresh and marine waters. My specialist areas are in water quality guidelines and environmental toxicology.</p> <p>I was a contributing author to the Australian and New Zealand</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |           |

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|                         |                                       | Buller Plateaux Continuation Project - Bryophytes and pH maxima (co-author)                              | <p>Environment and Conservation Council water quality guidelines, the New Zealand Municipal Wastewater Monitoring Guidelines and Guidelines for Drinking-water Quality Management for New Zealand. I am a contributor to the Australian and New Zealand Guidelines for water quality for methods guidance and multiple guideline derivations.</p> <p>I was also on the Technical Experts Committee for toxicants and sediments for the Ministry for the Environment for derivation and implementation of national environmental standards for freshwaters.</p> <p>I visited the Denniston Plateau in 2011 and presented water quality evidence for the Escarpment Mine Environment Court hearing in 2012. I have recently visited both plateaux and Stockton sites.</p> |                                                                                                                                               |                                                                                       |
| <b>Water Management</b> |                                       |                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                               |                                                                                       |
| Dr Paul Weber           | AMD Geochemistry and Water Management | <p>AMD Overview Report (including appendices)</p> <p>Sediment Overview Report (including appendices)</p> | I have over 25 years' experience in the field of environmental geochemistry. I hold a B.Sc. in geology and a M.Sc. (Hons) in environmental science from the University of Canterbury. I have a Ph.D. in applied science from the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The |  |

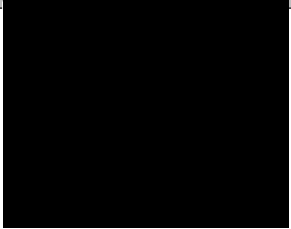
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|      |            | <p>AMD Water Management Plan</p> <p>AMD Engineered Landform Management Plan</p> <p>Millerton Acidity Load Model</p> | <p>University of South Australia on prediction of AMD and I am a Fellow of the Australian Institute of Mining and Metallurgy (<b>AusIMM</b>) having chartered professional status for the environment discipline.</p> <p>I am the Principal Environmental Geochemist and the Managing Director for Mine Waste Management Limited (<b>MWM</b>). MWM is part of the Green Road group of companies (~45 employees) that provides practical, innovative, and sustainable solutions to the international resources industry. I am a co-founder of the Green Road group of companies. Prior to this role I worked at O'Kane Consultants Limited for ~5 years as a Director for New Zealand and as a Principal Environmental Geochemist.</p> <p>Both companies provide advice on AMD and closure planning for mining operations.</p> <p>I have also worked as the R&amp;D Manager – Environment for Solid Energy (NZ) Limited for ~9 years investigating beneficial reuse of waste</p> | <p>reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |           |

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|      |            |                  | <p>streams and options to manage and treat AMD at its coal mining operations. In this regard I am conversant with AMD from coal measures on the Buller Plateaux.</p> <p>Additionally, I worked in the Western Australian mining industry for 5 years as a geologist/environmental geologist and understand the process of mining.</p> <p>My previous work experience includes research and operational management of AMD. I have worked with mining companies to deliver sustainable management approaches for AMD over this time. I have been engaged by several international companies and regulators (West Coast Regional Council, Waikato Regional Council, New South Wales government, South Australia government), as a subject matter expert, to review mine closure plans regarding AMD and the assessment of environmental effects associated with AMD.</p> <p>I have been involved with the assessment of AMD on the Buller Plateaux for &gt;20 years.</p> |                                                                          |           |

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| Ryan Burgess | Groundwater Hydrology and Mine Water Management | <p>Appendices to AMD Overview Report:</p> <p>a. Appendix L: BV ELF Cover System Field Investigation. MWM Report Number: J-NZ0349-004-M-Rev2.</p> <p>b. Appendix M: Cover System Technical Report - Buller Plateaux Continuation Project. MWM Report Number: J-NZ0349-013-R-Rev3</p> <p>c. Appendix R: Mount Frederick South – Groundwater Technical Report. MWM Report Number: J-NZ0377-004-R-Rev0.</p> <p>d. Appendix S: Escarpment Extended Mine</p> | <p>I hold a B.Sc. in geology from the University of Canterbury and a M.Sc. in Hydrogeology from Simon Fraser University in Canada.</p> <p>I have over 15 years' experience in the field of mining hydrogeology and water management and I am an active a Member of the AusIMM.</p> <p>I am a Principal Consultant with Hydro Geochem Group Limited (<b>HGG</b>). HGG is part of the Green Road group of companies (~45 employees) that provides practical, innovative, and sustainable solutions to the international resources industry. Prior to this role I have held international consulting roles in New Zealand, Canada and Australia.</p> <p>My extensive experience covers many aspects of mine water management including hydrogeology and surface water hydrology, mine dewatering and pit slope management, mine water supply, environmental assessments, groundwater contamination, and closure aspects. I have undertaken various roles, from project manager to technical specialist, on multidisciplinary</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

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|                  |            | Project – Groundwater Technical Report. MWM Report Number: J-NZ0433-002-R-Rev2. | <p>teams responsible for the development, operation and/or closure of mines in Australia, New Zealand, and North and South America. In total, I have contributed to mine water management at over 50 proposed, active, and closed mines around the world.</p> <p>I have been involved with the assessment of hydrogeology and mine water management on the Buller Plateaux since 2022.</p>                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                               |           |
| Dr Jim Griffiths | Hydrology  | Hydrological Assessment (Co-author)                                             | <p>I am Principal Hydrologist at HGG.</p> <p>I hold a Bachelor of Arts (Geography and Applied Computing, 1996) and a PhD in Landslide Hydrology (2002), both from King's College London. I was a Fellow of the Chartered Institute of Water and Environmental Management (from 2011 to 2021); a Chartered Water and Environmental Manager (from 2011 to 2019); and a Chartered Engineer (from 2013 to 2021). I became a chartered member of Engineering New Zealand in 2021 and am a member of the New Zealand Hydrological Society and Water New Zealand.</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |           |

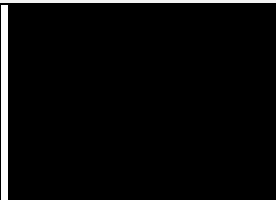
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|                  |                  |                                                                                                                                                                                                                                      | <p>I have over 20 years of experience as a hydrologist.</p> <p>I am experienced in the development of water resource management plans and associated technical studies including surface water modelling. I have also reviewed a range of international reports on the same topic as an independent expert.</p>                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                               |           |
| Gary Smith       | Water Management | <p>Active Water Treatment, Summary of Water Quality Testing Report</p> <p>Active Water Treatment Plant Basis of Design</p> <p>Bench Scale Water Treatment Testing Report</p> <p>BVMSR Bench Scale Water Treatment Testing Report</p> | <p>I am the Engineering Manager and founder of Process Flow Limited a company delivering design/build solutions of Water Treatment infrastructure since 2009.</p> <p>I hold a New Zealand Certificate in Engineering.</p> <p>I have over 17 years' experience in engineering management and project delivery associated with water treatment plant projects. I have directly managed the design, construction and commissioning 20+ water treatment plants in the municipal and industrial sectors, both in New Zealand and Australia.</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |           |
| Stephen Douglass | Hydrogeology     | Stockton Groundwater Report                                                                                                                                                                                                          | I am the Environment Market Lead for GHD NZ Pacific and a Senior Technical Director in the Environment business,                                                                                                                                                                                                                                                                                                                                                                                                                           | I confirm that I have read and agree to comply with the Code of Conduct for                                                                                                                                                                                                                                                                                                                                                   |           |

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|      |            | Stockton Water Management Report | <p>with over twenty years of experience within the field of environmental science and hydrogeology.</p> <p>I hold a Graduate Diploma of Engineering in Hydrogeology and Groundwater Management from the University of Technology in Sydney (2011), a Master of Science in Geography majoring in geomorphology (1998), and a Bachelor of Science in Environmental Management (1996), both from the University of Auckland.</p> <p>I have a wide range of experience in the mining and resources sector, undertaking assessments associated with water management (groundwater and surface water) and environmental impact assessments.</p> <p>I have undertaken project work on the Buller Plateaux for BT Mining since 2018.</p> <p>I am a member of Water NZ, the Resource Management Law Association (<b>RMLA</b>), and the International Association of Hydrogeologists.</p> | Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports. |           |

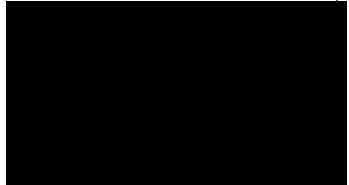
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| <b>Septic Systems</b> |                              |                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                       |
| Andrew Brough         | Septic Waste                 | Septic Systems Design Report                                                  | <p>I graduated with a Bachelor of Engineering (Agricultural) from Canterbury University in 1987.</p> <p>Since 2015, I have been Director of Courtenay Environmental Consultants Ltd. Prior to that I was employed for 19 years at Pattle Delamore Partners Ltd in various roles finishing as a Technical Director – Water Resources.</p> <p>Over the past 25 years I have carried out a wide range of investigations, consent applications and detailed designs for the management and discharge of wastewater, including sewage primarily in the South Island. The scale of the systems has ranged from single dwellings to municipal schemes with wastewater flows of up to 10,000 m<sup>3</sup>/day.</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |    |
| <b>Geotechnical</b>   |                              |                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                       |
| Rod Masters           | Erosion and Sediment Control | Erosion and Sediment Control Plan for Land-Disturbance Activities (Co-author) | <p>Education and accreditations:</p> <ol style="list-style-type: none"> <li>Master of Science;</li> <li>Diploma of Geoscience;</li> <li>Diploma of Applied Science (Agriculture);</li> <li>Diploma of Management;</li> <li>Certificate IV in Assessment and Workplace Training;</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of</p>                                                                                                                                                                                                                            |  |

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|      |            |                  | <p>f. Certified Professional Soil Scientist (Soil Science Australia); and</p> <p>g. Certified Professional in Erosion and Sediment Control (International Erosion Control Association).</p> <p>I joined the SLR Executive in 2012 and was appointed SLR's Asia Pacific (<b>APAC</b>) Operations Manager for Land &amp; Water and then Environmental Management, Planning &amp; Assessment Manager prior to my current role as the APAC Technical Director – Soil Science.</p> <p>Prior to joining SLR, I was the Managing Director GSS Environmental, was an Associate Director of HLA Envirosciences and have fulfilled management roles in the NSW Soil Conservation Service. I have over 40 years' experience in conducting land rehabilitation and revegetation programs, formulating erosion and sediment control plans, undertaking soil and land capability surveys, preparing water management plans and assessing environmental impact of mining, rural, industrial and urban developments.</p> | <p>expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |           |

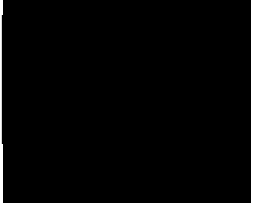
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|                 |                              |                                                                               | Having fulfilled the roles of extension officer, regulator, consultant and contractor, I'm in the unique position of having an intimate knowledge and understanding of the "soil and water industry" from all perspectives. I was a primary Chapter author of the NSW Department of Environment & Conservation's "Managing Urban Stormwater: Soils & Construction" (2008), the benchmark reference for soils characterisation and erosion / sediment control in NSW.                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                      |
| Anton Appelcryn | Erosion and Sediment Control | Erosion and Sediment Control Plan for Land-Disturbance Activities (Co-author) | <p>I am a civil and environmental engineer with almost 30 years' experience in the development and delivery of a wide range of multi-disciplinary mining, civil and environmental infrastructure projects, and I am a Technical Director with SLR Consulting.</p> <p>I hold the academic qualifications of BTech(Eng) from Pretoria University of Technology (South Africa - 1998), BComm from the University of South Africa (2001), and MScEng in Civil and Environmental Engineering from University of Kwa-Zulu-Natal (South</p> | I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports. |  |

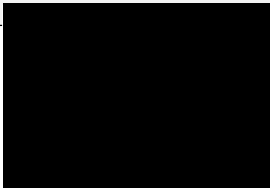
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|      |            |                  | <p>Africa - 2007). I am a Chartered Professional Engineer, and Registered Professional Engineer in Queensland and Victoria, and hold international registrations as an APEC and IntPE(Aus) accredited engineer (UK, US, Canada, South Africa and Asia and south east Asia). I also hold certification as a Chartered Professional in Erosion and Sediment Control.</p> <p>My experience covers planning, investigation, detailed design development, construction quality control and operations management of a broad range of multi- disciplinary civil engineering and water resources projects. My skills include surface water hydrology and hydraulic design of water conveyance structures, erosion and sediment control, mine water management related to, dams, creek diversions, tailings dams and, and regulatory compliance studies and investigations such as infrastructure condition assessments, failure impact assessments, consequence assessments, dam safety inspections and reviews.</p> |                                                                          |           |

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| Name         | Discipline   | Reports Prepared                                                                                                                                                                                               | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                           |
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| Andrew Smith | Geotechnical | <p>MFS Geotechnical Report</p> <p>Geotechnical Assessment – A Drive Quarry</p> <p>Geotechnical Assessment – A Drive Borrow Pit</p> <p>Mt Fred South – Geotechnical Assessment Report Pre-Feasibility Study</p> | <p>I am an Engineering Geologist with 26 years' experience in Engineering Geology and Geotechnical Engineering assessments within the mining / quarrying, civil construction and solid waste industry in New Zealand and the UK. I have been involved in the geotechnical design of open cast highwalls and engineered landforms for many operational and proposed coal mines around New Zealand including Cascade Coal Mine (Buller), Mangatangi (Waikato), Maramarua (Waikato), Coaldale Mine (Southland) and Southern Lignite's (Southland).</p> <p>I hold the academic qualifications of BSc Exploration Geology and MSc Geoenvironmental Engineering both from the University of Wales, Cardiff. I am a Professional Engineering Geologist and Chartered Member of Engineering New Zealand, a Chartered Professional (Geotechnical) with AusIMM and a Chartered Geologist with the Geological Society of London.</p> <p>My experience covers the design of geotechnical investigations, geotechnical data collection and analysis and the creation of</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

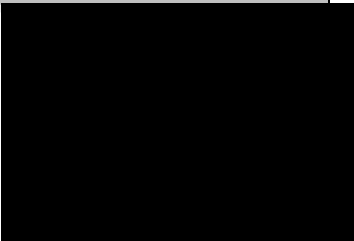
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| Name             | Discipline | Reports Prepared                                                       | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                           |
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|                  |            |                                                                        | geotechnical models for open cast mine developments. I have experience in the underlying geology and related ground stability issues across the Buller Continuation Project Area and how to reduce these risks through design.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |
| <b>Transport</b> |            |                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |
| Chris Rossiter   | Transport  | <p>Stockton Traffic Assessment</p> <p>Denniston Traffic Assessment</p> | <p>I am a Principal Transportation Engineer at Stantec New Zealand Limited (<b>Stantec</b>). I have held this position since 2013 and have been employed at Stantec (and TDG prior to its incorporation with Stantec) since 2006. Prior to joining TDG (now part of Stantec), I was employed as a Principal Systems Engineer and Technical Manager with BAE Systems in England.</p> <p>I hold the academic qualifications of Bachelor of Science from the University of Exeter and Bachelor of Arts (Open) from the Open University, England.</p> <p>I am registered as a Chartered Professional Engineer with Engineering New Zealand. I have 40 years' engineering experience including 19 years' transportation</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

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|      |            |                  | <p>engineering in New Zealand on a wide range of projects involving transportation engineering design, road safety audits, transportation planning and assessment.</p> <p>My role includes preparing transportation assessment reports for resource consent applications and also providing transportation engineering services for many councils. I have prepared expert transport evidence on behalf of councils and also for private developers in relation to a variety of land-use resource consent hearings and plan changes.</p> <p>I have had extensive experience providing transportation engineering advice and assessment for a wide variety of land development projects across the South Island including quarry and mine sites.</p> |                                                                          |           |

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| Name             | Discipline | Reports Prepared                                                                      | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                           |
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| Andrew Metherell | Transport  | Peer Reviewer for:<br>Stockton Traffic Assessment<br><br>Denniston Traffic Assessment | <p>I am employed by Stantec New Zealand as a transportation engineer, and currently hold the position of Traffic Engineering Team Lead based in the Christchurch office. I have held that role since 2018, prior to which I was a Senior Associate at a specialist transport engineering consultancy, TDG, prior to its incorporation with Stantec.</p> <p>I am a Chartered Professional Engineer, a Chartered Member of Engineering New Zealand, and am included on the International Professional Engineer Register. I hold a Bachelor of Engineering (Civil) with Honours degree from the University of Canterbury. I am also an Associate Member of the New Zealand Planning Institute.</p> <p>I have twenty eight years' experience, practising as a traffic engineering and transportation planning specialist in New Zealand.</p> <p>In my role I am responsible for providing traffic engineering advice, assessment and design for a wide range of activities. I also regularly provide independent transport peer</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

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|                                    |            |                                         | <p>review of a range of planning applications. As part of Stantec quality processes I provide technical reviews of other transportation engineering work from my colleagues.</p> <p>Relevant to this project I have prepared transportation assessments for many large scale energy, quarry and mining projects in rural environments where higher volumes of traffic would be generated onto lower volume and state highway road networks, and included a range of road mitigation and traffic management plan requirements</p> |                                                                                                                                                                                                                                                                                                                                                        |           |
| <b><i>Landscape and Visual</i></b> |            |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                        |           |
| Nikki Smetham                      | Landscape  | Landscape and Visual Effects Assessment | <p>I am a Senior Landscape Architect with Rough Milne Mitchell Landscape Architects Limited, formerly Rough and Milne Landscape Architects Limited.</p> <p>I hold a Bachelor of Landscape Architecture from Lincoln University. I am a registered member of the New Zealand Institute of Landscape Architects, and a member of RMLA.</p> <p>I have over 27 years' experience as a landscape architect and for the last 20 years I have specialised in landscape</p>                                                              | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me</p> |           |

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| Name        | Discipline         | Reports Prepared   | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature |
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|             |                    |                    | assessment work. This has included undertaking landscape and visual effects assessments associated with a wide variety of development proposals throughout New Zealand. Work of relevance includes proposed developments in Queenstown Lakes District, Central Otago, Dunedin, Hurunui, Christchurch / Banks Peninsula, and the Selwyn District. I have previously presented expert evidence at council hearings and before the Environment Court.                                                                                                         | that might alter or detract from the opinions expressed in my reports.                                                                                                                                                                                                                                                                                                                                                        |           |
| Jason Blair | Visual Simulations | Visual Simulations | <p>I am a 3D Visualisation Specialist for Virtual View Limited (<b>Virtual View</b>). The company specialises in computer simulation.</p> <p>I hold a Diploma in Architectural Draughting from Otago Polytechnic 2001. I have worked for Virtual View since the beginning of 2007.</p> <p>I have been involved in the field of 3D visualisation for a total of 19 years, mostly specialising in photo simulations for visual assessment work. This has included working on numerous development proposals throughout New Zealand and presenting expert</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |           |

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|                 |            |                                                                                                                                                                 | <p>evidence at council and Environment Court hearings.</p> <p>Virtual View's role includes working with planners, engineers, surveyors, architects, landscape architects and interior designers. The company uses photo simulations through to full computer-generated 3D video simulations to illustrate the concept of any proposed development – all of which are to virtual scale and location as would be viewed in the real world.</p>                 |                                                                                                                                                                                                                                                                                                                                                                                    |           |
| <b>Lighting</b> |            |                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                    |           |
| John McKensey   | Lighting   | <p>Existing Infrastructure - Assessment of Environmental Effects - Lighting</p> <p>Proposed Infrastructure – Assessment of Environmental Effects - Lighting</p> | <p>I am employed as an Executive Engineer by Leading Design Professionals Ltd.</p> <p>I hold a Bachelor of Engineering (Electrical) degree from the Queensland Institute of Technology. I have completed the Consulting Engineering Practice and Management programme at the University of Melbourne.</p> <p>I am a member of several relevant associations including Member of Illuminating Engineering Society of Australia and New Zealand, Chartered</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract</p> |           |

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| Name              | Discipline | Reports Prepared      | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                              | Signature |
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|                   |            |                       | <p>Member of Engineering New Zealand and Member of the International Dark Sky Association.</p> <p>I have over 40 years' experience in lighting design, providing consultancy services for a wide range of clients including local authorities, developers, road controlling authorities and infrastructure sectors.</p> <p>I also have over 20 years' experience advising on environmental lighting effects. I have provided consultancy services for private client applicants and local government regarding the assessment of lighting effects for a wide variety of activities and have previous experience in designing lighting to manage effects on nocturnal biota.</p> | from the opinions expressed in my reports.                                                                                                                                                                            |           |
| <b>Recreation</b> |            |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                       |           |
| Rob Greenaway     | Recreation | Recreation Assessment | I am a Director of Rob Greenaway & Associates (R&R Consulting (NZ) Ltd) and have been since 1997. Prior to this, I was a Recreation and Tourism Consultant for Boffa Miskell Limited, from 1995 until 1997, and before that I held the same position at Tourism Resource Consultants, from 1990 until 1995.                                                                                                                                                                                                                                                                                                                                                                     | I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I |           |

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| Name | Discipline | Reports Prepared | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                | Signature |
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|      |            |                  | <p>I graduated from Lincoln University in 1987 with a three-year Diploma in Parks and Recreation Management with Distinction and completed 18 months of postgraduate study in conservation management. I hold the status of an Accredited Recreation Professional with Recreation Aotearoa (the New Zealand Recreation Association) and I am a member of the Recreation Aotearoa Board of Accreditation for member accreditation to professional status. I am also a member of the New Zealand Association for Impact Assessment. In 2011 I was appointed as an inaugural Board member of the Sir Edmund Hillary Outdoor Recreation Council, to assist Sport New Zealand with the implementation of the National Outdoor Recreation Strategy, amongst other things.</p> <p>I was awarded the Ian Galloway Memorial Cup in 2004 by Recreation Aotearoa (of which I am a past Executive Member) to recognise <i>"excellence and outstanding personal contribution to the wider parks industry"</i>. In 2013 I was awarded the</p> | <p>state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |           |

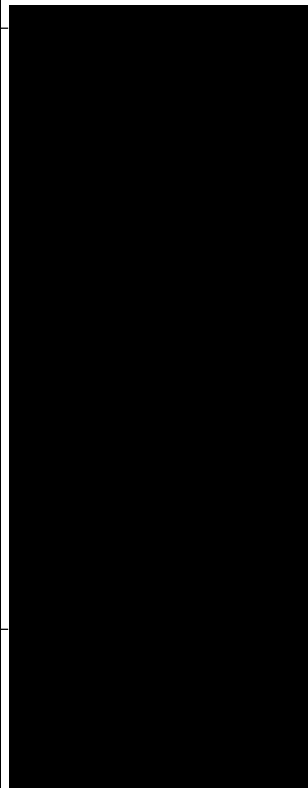
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| Name            | Discipline | Reports Prepared                                                                                                      | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                | Signature |
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|                 |            |                                                                                                                       | <p>status of Fellow with Recreation Aotearoa.</p> <p>I have comprehensive experience in undertaking recreation and tourism impact assessments and recreation and reserve management planning. I have presented evidence at more than 120 hearings, including for multiple land development projects throughout the country.</p> <p>I have completed many recreation planning projects regionally and more than 600 projects nationally and internationally including multiple tourism and energy development proposals on the West Coast.</p> |                                                                                                                                                                                                                                                                                                         |           |
| <b>Heritage</b> |            |                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                         |           |
| Kim Tatton      | Heritage   | <p>Heritage Assessment (Co-author)</p> <p>Archaeological Management Plan</p> <p>Historic Heritage Management Plan</p> | <p>I hold a Master of Arts in Anthropology (Archaeology) from the University of Auckland and I am a member of the New Zealand Archaeological Association.</p> <p>I am currently a Senior Archaeologist/Project Manager at Clough &amp; Associates Ltd and have over 30 years' experience in the field of archaeology. I am involved in a range of work relating to archaeological sites,</p>                                                                                                                                                  | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not</p> |           |

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|      |            |                  | <p>in particular archaeological and historic heritage assessments relating to Resource Management Act 1991 and Heritage New Zealand Pouhere Taonga Act 2014 requirements, conservation and management plans, research, survey, inventory, and mitigation investigations. This work has included numerous surveys and heritage assessments covering a variety of time periods and geographic locations within New Zealand.</p> <p>I have previously been employed and worked as an Archaeologist/Historic Heritage advisor for DOC (Bay of Plenty Conservancy), New Zealand Historic Places Trust (now Heritage New Zealand) as the Regional Archaeologist for Auckland/Northland and the Auckland Regional Council, both in consultancy and employee roles prior to becoming a private consultant. In these roles I have reviewed and processed archaeological authorities under the previous Historic Places Act 1993 and assessed resource consent applications under the Resource Management Act 1991 with regards to</p> | omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports. |           |

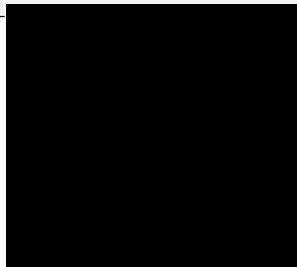
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| Name          | Discipline | Reports Prepared                | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                            | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                               | Signature                                                                            |
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|               |            |                                 | their effects on archaeological and historic heritage values.                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                      |
| Doug Gaylard  | Heritage   | Heritage Assessment (Co-author) | I hold a Masters degree in Anthropology from the University of Auckland and specialise in the analysis of lithics and lithic debitage. I have over a decade of experience and have undertaken archaeological surveys, compliance monitoring, and excavations, within both public and private sectors.                                                                                             | I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports. |  |
| Dr Rod Clough | Heritage   | Heritage Assessment (Co-author) | I am a Director of Clough & Associates, providing heritage consultancy services since 1995 carrying out numerous resource consent assessments, structure plan and significance assessments for local authorities, archaeological survey and mitigation investigations, recording and assessment of heritage buildings, and conservation plans. I have over 40 years' experience of archaeological | I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by                                                                                                                                                  |                                                                                      |

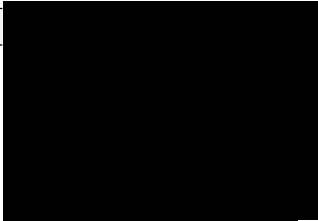
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| Name | Discipline | Reports Prepared | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                | Signature |
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|      |            |                  | <p>fieldwork, including survey and excavation work covering wide geographic areas and time periods.</p> <p>I have a PhD in Archaeology from the University of London and an MA Hons (Anthropology) from Auckland University.</p> <p>I have extensive experience in archaeological project management and Assessments of Environmental Effects for large scale infrastructure projects (road, rail, wind farms, hydro-electric power schemes, wastewater, etc) that involve a project team approach. I have recognised skills as an expert witness in hearings and the Environment Court.</p> <p>Of specific relevance is my experience with mining, quarrying and other industrial sites where there are significant historical remains relating to the earlier phases of the industry.</p> | <p>another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |           |

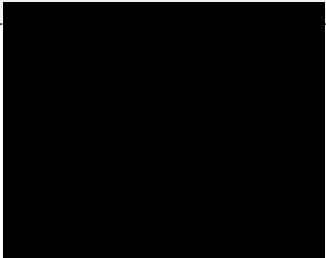
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| Name            | Discipline | Reports Prepared               | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                           |
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| <b>Acoustic</b> |            |                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |
| Jon Farren      | Acoustic   | Noise and Vibration Assessment | <p>I am the Manager and Principal of the Christchurch office of Marshall Day Acoustics.</p> <p>I hold a Bachelor of Engineering with Honours in Electroacoustics from the University of Salford in the United Kingdom. I hold full Membership of the Institute of Acoustics (United Kingdom), a requirement of membership being that I am active in the field of professional acoustics and satisfy the Institute's requirements with regard to level of qualifications and experience.</p> <p>I have been employed as an Acoustic Consultant for over 30 years, approximately 25 of which have been with Marshall Day Acoustics. I have considerable experience in the areas of planning with regard to noise, the assessment of noise and vibration, and noise control in relation to both environmental noise and building acoustics.</p> <p>Of particular relevance to this proposal, I have assessed noise and vibration effects and performed compliance</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

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|                    |             |                                                           | monitoring at over 35 coal mining and quarrying sites across New Zealand, where mineral extraction, processing and its transportation are the dominant noise sources. My experience includes several mines on the West Coast for various operators.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |
| <b>Air Quality</b> |             |                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |
| Richard Chilton    | Air Quality | Air Quality Assessment Report<br><br>Dust Management Plan | <p>I am an Air Quality Scientist with Tonkin and Taylor Ltd (T+T), where I hold the position of Technical Director - Air Quality. I hold the qualification of Bachelor of Science (Geography) and Master of Environmental Science, both from the University of Canterbury. I am a member of the Clean Air Society of Australia and New Zealand and a Certified Air Quality Professional. I am also certified as an independent Hearings Commissioner under a programme operated for the New Zealand Ministry for the Environment.</p> <p>I have 27 years' experience in air quality assessment and management. I have undertaken air quality assessments for a wide variety of industrial processes, waste management activities, transport infrastructure, intensive livestock farms, quarries and mining operations</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

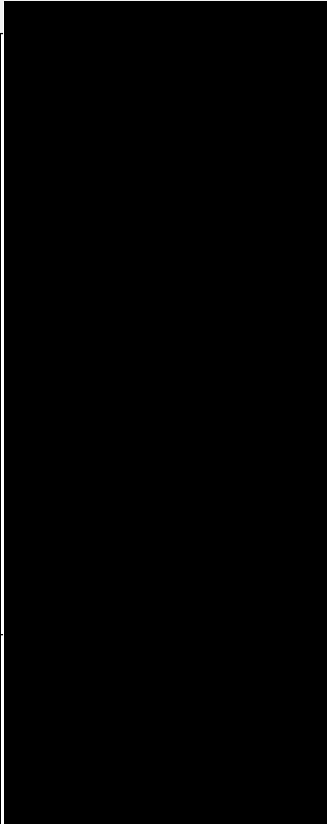
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| Name                            | Discipline     | Reports Prepared          | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                           |
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|                                 |                |                           | in New Zealand, Australia, the United Kingdom, and Fiji.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |
| <b>Greenhouse Gas Emissions</b> |                |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |
| Deborah Ryan                    | Sustainability | Greenhouse Gas Assessment | <p>I am the Strategic Director Sustainability and a Technical Director in Air Quality &amp; GHGs with Pattle Delamore Partners Limited (<b>PDP</b>) where I have worked for the last 7 years. I am qualified in biotechnology and bioprocess engineering and I have a PG Dip Business. I have the following certifications:</p> <ul style="list-style-type: none"> <li>a. Infrastructure Sustainability Accredited Professional 2026;</li> <li>b. Certified Air Quality Professional since 2016; and</li> <li>c. Making Good Decisions Certification, 2016, 2019, 2024.</li> </ul> <p>I have over 30 years of experience in effects assessments under the Resource Management Act 1991 principally in Air Quality but including</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

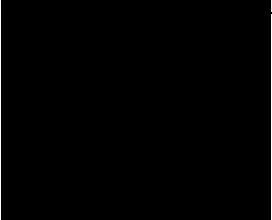
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| Name | Discipline | Reports Prepared | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Confirmation of Compliance with the Code of Conduct for Expert Witnesses | Signature |
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|      |            |                  | <p>assessment of greenhouse gas emissions.</p> <p>I am responsible for PDP's greenhouse gas (<b>GHG</b>) emissions reporting, climate risk disclosures, and emission reduction strategies; I have been overseeing that work for the last 5 years. Additional project experience related to this proposal includes: GHG assessments for consenting of Whitford Landfill; Puwera Landfill Fast Track Consent Application; Sealord, Nelson, Emissions Plan; Todd Energy Corporation, Benchmarking GHG reporting; Ravensdown, Fertiliser Production GHG Inventory; GHG emission technical reviewer for the regulatory authorities for the Mt Munro Windfarm; Ministry for the Environment, GHG Estimation from the Waste Incineration Sector; Bathurst Resources, Takitimu, Maramarua and Rotowaro mine expansion GHG assessments and preparing Energy Efficiency Conservation Authority, Emissions Plan Guidance.</p> |                                                                          |           |

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| Name                                              | Discipline           | Reports Prepared                | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                            |
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| <b>Hazardous Substances and Contaminated Land</b> |                      |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                      |
| Rob Van de Munckhof                               | Hazardous Substances | Hazardous Substances Assessment | <p>I am a Principal and Senior Environmental Engineer at T+T. I hold the qualifications of Bachelor of Engineering in Chemical and Materials from Auckland University. I have over 20 years' experience in environmental management and hazardous substances and have been employed as a specialist in environmental management at T+T since 2005.</p> <p>I have undertaken hazardous substances risk assessments for a wide range of industries as well as providing technical support to Councils associated with District Plan rules.</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |
| Lean Phuah                                        | Contaminated Land    | Tyre Assessment                 | <p>I am a Principal Environmental Engineer at T+T and hold a Bachelor of Engineering in Civil (Hons) from University of Canterbury. I am a chartered professional engineer working in the environmental engineering practice area and a chartered environmental professional site contamination specialist.</p> <p>I have over 30 years of experience in environmental management and contaminated sites. I have been</p>                                                                                                                    | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider</p>                                                                                                   |                                                                                      |

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| Name                            | Discipline   | Reports Prepared                 | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                           |
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|                                 |              |                                  | involved in numerous investigations and risk assessments associated with the potential for discharges to land and water from a wide variety of contamination sources for a range of industrial sites, land and building developments and infrastructure projects in New Zealand and Asia.                                                                                                                                                                                                                                                                                                                                                                                | material facts known to me that might alter or detract from the opinions expressed in my reports.                                                                                                                                                                                                                                                                                                                             |                                                                                     |
| <b>Environmental Management</b> |              |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |
| Andrew Hutton                   | Mine Closure | Conceptual Mine Closure Strategy | <p>I am a recognised mine closure expert with 30 years' experience across the mining, extractive and industrial sectors. I have extensive experience in mine closure strategy, closure risk assessment, life-of-mine and progressive rehabilitation planning, final land use planning, decommissioning, relinquishment pathways and transition to beneficial reuse.</p> <p>I have led concept-to-detailed closure planning projects, constraints and opportunities assessments, closure execution pathways, multidisciplinary technical studies, regulator and stakeholder engagement, and preparation of defensible closure cost estimates and provisioning inputs.</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

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| Name | Discipline | Reports Prepared | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Confirmation of Compliance with the Code of Conduct for Expert Witnesses | Signature |
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|      |            |                  | <p>I have advised major mining clients across Australia and internationally and have previously acted as an expert witness in the NSW Land and Environment Court on mine closure matters. I have also authored and presented widely on mine closure, closure cost estimation, post-mining land use and beneficial reuse</p> <p>My qualifications include a Bachelor Degree in Natural Resources, Masters Degree in Business and Environmental Management, Diploma of Management, Certificate IV in Training and Assessment, Exemplar Global Principal Environmental Auditor certification and Professional Certificate in JORC Code Reporting. I am a Fellow of AusIMM and a member of the Closure Planning Practitioners Association, CQMRG, HCEG and IQA.</p> |                                                                          |           |

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| Name        | Discipline               | Reports Prepared                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                                | Signature                                                                           |
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| Laura Sharp | Environmental Consultant | <p>I prepared a suite of Environmental Management Plans (EMP) that were developed directly from the recommendations, mitigation measures and management requirements identified in the relevant technical assessments. The EMPs were also informed by advice and guidance from Bathurst personnel to support alignment with the proposed project activities, operational context and practical implementation requirements. The EMPs I prepared include:</p> <ul style="list-style-type: none"> <li>a. Noise, Blasting and Vibration Management Plan;</li> <li>b. Lighting and Visual Management Plan;</li> </ul> | <p>I hold a Bachelor of Science in Environmental Science and have 14 years' professional experience across the mining, infrastructure and energy sectors in Australia and New Zealand. I have experience in environmental approvals, environmental impact assessment, environmental management and compliance, regulatory engagement, monitoring and reporting, rehabilitation planning and environmental management systems.</p> <p>I have coordinated multidisciplinary technical inputs and prepared environmental management documentation for complex projects. My experience spans projects from planning and approvals through construction, operations, progressive rehabilitation, closure planning and relinquishment.</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports/EMPs I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports/EMPs.</p> |  |

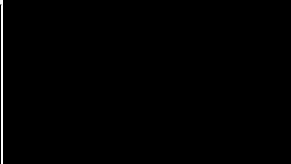
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| Name | Discipline | Reports Prepared                                                                                                                                                                                                         | Relevant Qualifications and Experience | Confirmation of Compliance with the Code of Conduct for Expert Witnesses | Signature |
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|      |            | <ul style="list-style-type: none"> <li>c. Traffic Management Plan;</li> <li>d. Ngākawau Operational Management Plan;</li> <li>e. Waste Management Plan; and</li> <li>f. Hazardous Substances Management Plan.</li> </ul> |                                        |                                                                          |           |

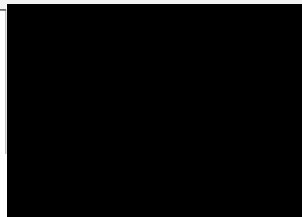
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| Name                  | Discipline     | Reports Prepared                                                  | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                           |
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| <b>Socio-Economic</b> |                |                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |
| Dr Mark Sargent       | Socio-economic | <p>Economic Impact Assessment</p> <p>Social Impact Assessment</p> | <p>I am a Principal at Mark Sargent Enterprises, Aigis Group in New South Wales, Australia. I provide economic and social impact assessment services to mining and other extractive businesses, and other sectors such as property development and infrastructure projects. I have clients in various areas of New South Wales and have worked on projects with Bathurst Resources Limited (New Zealand) commencing in 2017. I have around 14 years of experience in assessing the economic effects of mining and coal seam gas proposals and developments.</p> <p>I hold the degree of Doctor of Philosophy (PhD) in Politics (Public Policy) from The University of Newcastle (Australia).</p> <p>My relevant experience includes undertaking cost benefit analysis and reporting for the many mining and extractives related developments at a State level in Australia.</p> <p>I have prepared economic assessments for consents/approvals at</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

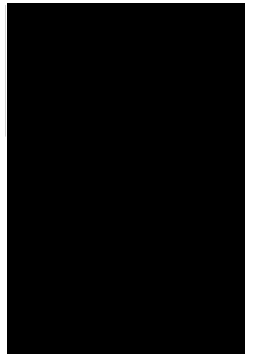
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| Name         | Discipline | Reports Prepared | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                  | Signature                                                                             |
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|              |            |                  | <p>territorial authority and regional council levels for the Maramarua Mine M2 Extension and Rotowaro Mine Continuation Project in New Zealand.</p> <p>Between 2017 and 2025, I have prepared various socioeconomic effects profiles for Bathurst Resources Limited mines in the Waikato and West Coast Regions. I have also prepared similar reports for Minerals West Coast Trust.</p> <p>I have prepared Social Impact Assessments for numerous projects in property and infrastructure development, including public infrastructure, education infrastructure, and residential and retail centre developments. These include mining and extractives related developments at a State level in Australia (State Significant Development).</p> |                                                                                                                                                                           |                                                                                       |
| <b>Bond</b>  |            |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                           |                                                                                       |
| Malcolm Lane | Bond       | Bond Process     | I hold a Bachelor of Engineering degree and have more than 45 years of experience, much of which has been with the mining industry. In 1997 I was part of a very small team that developed an approach for deriving                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are |  |

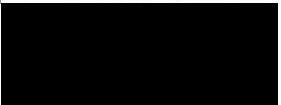
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| Name            | Discipline | Reports Prepared        | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                     | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                           |
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|                 |            |                         | bonds for mining projects that has become the standard in New Zealand.                                                                                                                                                                                                                                                                                     | within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.                                                                                                                                                                                  |                                                                                     |
| <b>Planning</b> |            |                         |                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |
| Claire Hunter   | Planning   | Substantive Application | <p>I am a Partner with Mitchell Daysh Limited, a planning and environmental consultancy operating throughout New Zealand. I have 21 years' experience in this field.</p> <p>I hold an honours degree in Environmental Management from the University of Otago. I am a member of the RMLA and an Associate Member of the New Zealand Planning Institute</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

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| <b>Peer Reviewers</b> |                     |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |
| Roger MacGibbon       | Terrestrial Ecology | Peer Reviews of Terrestrial Ecological Assessments | <p>I am a Principal Ecologist at T+T. I hold a Bachelor of Science Degree with Honours in Zoology and Ecology from the University of Canterbury (1981).</p> <p>I have over 40 years' experience working as an ecologist and environmental consultant and have worked in all regions of New Zealand and in Hawaii, Vanuatu and Australia.</p> <p>I specialise in ecological restoration and have provided design, technical support and project management services for a wide range of restoration projects across terrestrial, freshwater and coastal environments. This work has included: the rehabilitation of damaged landscapes such as mines and quarries; the restoration of predominantly natural habitat including native forest, wetlands, sub-alpine shrublands, stream margins and coastal dunes; the enhancement of water quality and biodiversity in natural waterways and wetlands; the design and creation of natural features, such as wetlands and riparian areas, to treat runoff and wastewater; the control and eradication of weeds and animal pests;</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

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| Name             | Discipline          | Reports Prepared                                                                                                                                                                                                  | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                           |
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|                  |                     |                                                                                                                                                                                                                   | and the management and reintroduction of animals (invertebrates and vertebrates) to restored environments.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |
| Dr Robyn Simcock | Terrestrial Ecology | <p>Peer Review of Assessment of Rehabilitation Outcomes</p> <p>Peer Review of Rehabilitation Management Plan</p> <p>Peer Review of Biosecurity Management Plan</p> <p>Peer Review of Weed Management Strategy</p> | <p>I have 30 years' experience in restoration ecology and land rehabilitation across public and private land in Aotearoa New Zealand, holding B.Hort.Sc (Hons) (1986) and PhD (1993) from Massey University. I work for the Bioeconomy Science Institute Maiangi Taio, formerly Manaaki Whenua Landcare Research, starting in 1996 in Palmerston North and moving to the Auckland campus where I am currently a senior scientist.</p> <p>My research, consulting and teaching experience includes rehabilitation of a wide range of terrestrial ecosystems. This includes government-funded research that developed guidance for whole-of life mining of coal, meso-thermal gold and epithermal gold deposits as part of the Centre for Minerals Environmental Research collaboration. I have developed guidance for alluvial gold mine rehabilitation for West Coast Regional Council and for establishment of nursery-grown seedlings in drought-</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

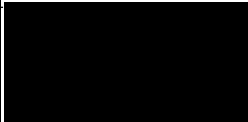
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| Name | Discipline | Reports Prepared | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Confirmation of Compliance with the Code of Conduct for Expert Witnesses | Signature |
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|      |            |                  | <p>prone sites for the Ministry of Primary Industries. I have written book chapters on Mine rehabilitation practices in New Zealand, and publications on use of biowastes for rehabilitation of native ecosystems and the novel root zones to support both engineering requirements and plant growth.</p> <p>Re-establishing ecosystems at mine sites has similarities to establishment of large-scale linear and urban infrastructure as all involve large-scale earthworks to bedrock. In 2023 I led a review of road edge effects on ecosystems for Waka Kotahi New Zealand Transport Agency, I am currently involved in research on enhancing ecosystems in urban industrial areas and have led research in nature based stormwater solutions.</p> <p>Since 2022 I have been the peer reviewer for rehabilitation of Martha Mine (Waihi) for Waikato Regional Council and Hauraki District Council, which involves a formal annual assessment of performance against resource consent conditions. In the past, I have been contracted by mining companies to review performance of</p> |                                                                          |           |

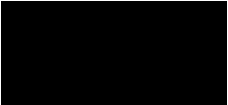
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| Name           | Discipline          | Reports Prepared                                                                          | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                               | Signature                                                                           |
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|                |                     |                                                                                           | rehabilitation including Waikato coal mines (for Solid Energy) and at Macrae's Mine (for OceanaGold NZ). I have appeared as an expert witness before council resource consent and Environment Court hearings on the Mount William, Cypress and Te Kuha coal mines.                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                     |
| Dr Bruce Burns | Terrestrial Ecology | Peer Review of Vegetation Mapping and Conservation Prioritization using Zonation reports. | <p>I have the following relevant qualifications and experience:</p> <ul style="list-style-type: none"> <li>a. My qualifications are BSc, MSc (1<sup>st</sup> class hon.), Diploma in Natural Resources, PhD (Colorado).</li> <li>b. Since September 2009 I have been employed at the University of Auckland. Prior to that I was employed from 1991 to 2009 with Manaaki Whenua Landcare Research.</li> <li>c. I specialise in the study and application of plant ecology, restoration ecology and conservation biology. My role at the University of Auckland includes research and teaching but also includes consulting on relevant projects and providing expert advice. I have produced</li> </ul> | I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports. |  |

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| Name                              | Discipline      | Reports Prepared                                                     | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                             | Signature                                                                            |
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|                                   |                 |                                                                      | 89 peer-reviewed journal articles, books or book chapters related to issues of plant ecology. Pertinent to my peer review of the evaluations of the Buller Plateaux, I have undertaken and published vegetation descriptions for the Waipoua Forest (including a detailed map), Auckland volcanic cones, and Te Kopia geothermal area. My research on conservation management is evidenced by my publications on New Zealand ecosanctuaries and particularly those with conservation fences. |                                                                                                                                                                                                                                                                                                                      |                                                                                      |
| Emeritus Professor<br>Jon Harding | Aquatic Ecology | Peer Review of Assessment of Environmental Effects: Aquatic Ecology. | Provided at paragraphs [4]-[5] of Peer Review of Assessment of Environmental Effects: Aquatic Ecology.                                                                                                                                                                                                                                                                                                                                                                                       | I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider |  |

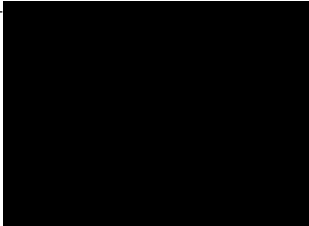
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| Name          | Discipline                            | Reports Prepared                                   | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                           |
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|               |                                       |                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | material facts known to me that might alter or detract from the opinions expressed in my reports.                                                                                                                                                                                                                                                                                                                             |                                                                                     |
| Andrew Rumsby | Environmental Chemistry/Risk Assessor | Peer Review of Water Quality Protection Guidelines | <p>I am a Principal Environmental Scientist and Environmental Chemist/Risk Assessor at EHS Support (NZ) Limited. I hold a Bachelor of Science in Chemistry and Geology from the University of Auckland, and a Master of Science (Honours) in Chemistry and Earth Science from the University of Waikato. My Master's research examined the environmental geochemistry of sulphide mine wastes at the Tui Mine, Te Aroha.</p> <p>I am a member of the Society of Environmental Toxicology and Chemistry and am a Certified Environmental Practitioner (Site Contamination Specialist).</p> <p>I have over 25 years of professional experience assessing the environmental and human health impacts of contaminated land, with particular emphasis on historical mine sites throughout New Zealand. My work has focused on understanding the environmental fate, transport, and</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

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|      |            |                  | <p>ecological effects of metals in the aquatic environment, including the application of environmental geochemistry and speciation modelling within risk assessment frameworks.</p> <p>My expertise includes ecological and human health risk assessment, environmental fate and transport modelling, geochemical and speciation modelling. I have extensive experience in assessing the effects of chemical exposures on ecological receptors and in applying bioavailability and toxicity-modifying approaches to improve the accuracy and relevance of risk characterisation.</p> <p>I have undertaken and led numerous investigations assessing the impacts of both operational and historical mining activities on ecological and human receptors across Northland, Auckland, Waikato, Taranaki, and other regions of New Zealand. These assessments have incorporated advanced geochemical, ecotoxicological, and environmental modelling techniques to characterise potential risks to receiving environments and sensitive receptors.</p> |                                                                          |           |

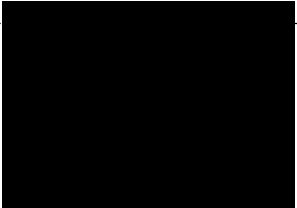
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| Name          | Discipline   | Reports Prepared                                                                                                                                                                                                                             | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                           |
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|               |              |                                                                                                                                                                                                                                              | I also have significant experience in developing site-specific assessment criteria, including the derivation of guidelines using toxicity modifying factors, and in applying weight-of-evidence approaches to support scientifically robust and defensible conclusions regarding environmental and human health risk.                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |
| Dr James Pope | Geochemistry | <p>Plain English peer review of geochemistry work.</p> <p>Peer review of</p> <ul style="list-style-type: none"> <li>a. Mine Waste Management reports on geochemistry.</li> <li>b. Bathurst Resources Ltd reports on geochemistry.</li> </ul> | <p>I hold a BSc Honours in geology and a PhD in environmental geochemistry. I have about 30 years of experience in the minerals sector and 25 working in environmental geochemistry.</p> <p>For 20 years I worked at CRL Energy, a minerals sector research, consultancy and laboratory company. I started as a research scientist and finished as CEO. Currently I own and am principal geochemist for Strata Geoscience Ltd, a niche geoscience service provider to the New Zealand Minerals sector. I led, managed and contributed to Ministry of Business, Innovation and Employment (or equivalent) funded minerals sector environmental research programmes for 16 years from within CRL Energy. These work programmes delivered the New Zealand Mine Environment Life-</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

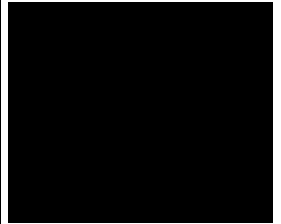
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| Name         | Discipline | Reports Prepared                             | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                         | Signature |
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|              |            |                                              | <p>cycle Guide documents along with many (hundreds) of supporting documents. In 2022 I led organisation of, and chaired, the International Mine Water Association Conference in Christchurch; this is the worlds largest and most international annual mine water science event.</p> <p>Throughout my career I have worked as a consultant or research partner to many mining companies in New Zealand and authored or signed off many (hundreds) of reports or documents. This has included leading environmental geochemistry aspects of mining resource consent applications and participation as an expert witness in these roles. I currently work for regional Waikato Regional council as an expert geochemistry reviewer.</p> |                                                                                                                                                                                                                                                  |           |
| Tim Mulliner | Hydrology  | Peer Review Memo of Hydrological Assessment. | Provided at paragraphs [8]-[10] of Peer Review Memo of Hydrological Assessment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on |           |

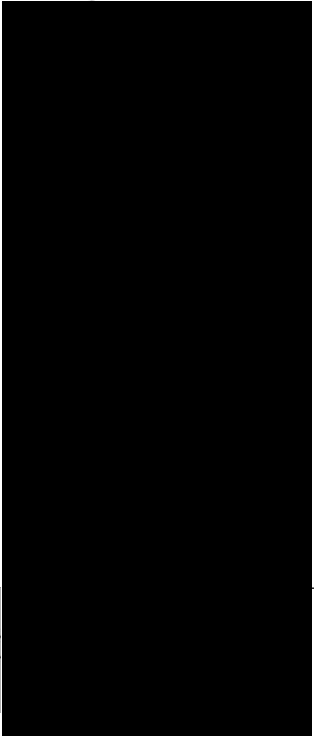
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| Name         | Discipline | Reports Prepared                   | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                           |
|--------------|------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|              |            |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.                                                                                                                                                                                                                                                         |                                                                                     |
| Joel Steeves | Geology    | Cover System Subject Matter Review | <p>I am the Principal for Numerical Analysis and a Senior Environmental Geologist at Okane Consultants Inc.</p> <p>I hold a B.Sc. (Hons) in Applied and Environmental Geology from the University of Calgary (Canada) and a M.Sc. in Civil Engineering from the University of Saskatchewan (Canada). I am a registered Professional Geoscientist with EGBC and APEGA in Canada.</p> <p>I have over 14 years of experience in both consulting and academia within the fields of hydrology/hydrogeology, climate change, and mine closure. I specialize in the numerical representation and analysis of heat, water, and gas transport within mine landforms and cover systems. I have been involved in closure design at over 50 mines globally.</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

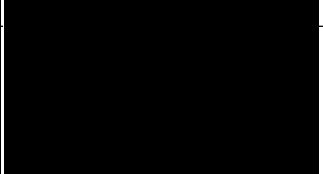
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| Name             | Discipline  | Reports Prepared                                                                                                       | Relevant Qualifications and Experience                                                                                                                                                     | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                           |
|------------------|-------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Dr Dora Avanidou | Groundwater | <p>Peer Review of MFS Groundwater Technical Report.</p> <p>Peer Review of Escarpment Groundwater Technical Report.</p> | <p>Provided at paragraphs [7]-[8] of Peer Review of MFS Groundwater Technical Report.</p> <p>Provided at paragraphs [7]-[8] of Peer Review of Escarpment Groundwater Technical Report.</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

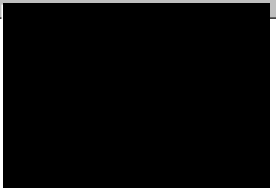
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| Name          | Discipline  | Reports Prepared                                        | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                                                                                 | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                            |
|---------------|-------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Craig Vincent | Groundwater | Stockton Groundwater Peer Review                        | <p>I am a Senior Associate Hydrogeologist at EMM Consulting. I have over 23 years of experience as a hydrogeologist having worked in both consulting and local government roles.</p> <p>I hold a BSc (Geology) and MSc (Hydrogeology) obtained from the University of Canterbury. I am a member of the International Association of Hydrogeologists and the Australian Institute of Geoscientists.</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |
| Shannon Bray  | Landscape   | Peer Review of Landscape and Visual Effects Assessment. | <p>Provided at paragraph [14] of Peer Review of Landscape and Visual Effects Assessment.</p>                                                                                                                                                                                                                                                                                                           | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me</p>                                                                        |                                                                                      |

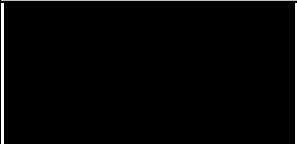
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| Name               | Discipline | Reports Prepared                           | Relevant Qualifications and Experience                              | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                               | Signature                                                                           |
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|                    |            |                                            |                                                                     | that might alter or detract from the opinions expressed in my reports.                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |
| Dr Neville Ritchie | Heritage   | Peer Review of Archaeological Assessments. | Provided at section 2 of Peer Review of Archaeological Assessments. | I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports. |  |

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| Name          | Discipline | Reports Prepared                           | Relevant Qualifications and Experience                                                                                                                                                                                                                                                                                                     | Confirmation of Compliance with the Code of Conduct for Expert Witnesses                                                                                                                                                                                                                                                                                                                                                      | Signature                                                                           |
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| Greg Akehurst | Economic   | Peer Review of Economic Impact Assessment. | <p>I am a founding Director of Market Economics and have 30 years experience in assessing the economic effects of growth and structural change in the New Zealand economy.</p> <p>I hold Bachelor degrees in Geography and Economics from the University of Auckland and am a member of the RMLA and the NZ Association of Economists.</p> | <p>I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports.</p> |  |

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| Julie Boucher | Social     | Peer Review of Social Impact Assessment. | Provided at paragraphs [15]-[21] of Peer Review of Social Impact Assessment. | I confirm that I have read and agree to comply with the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. The reports I have prepared are within my area of expertise, except where I state that I am relying on material produced by another person. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed in my reports. |  |

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