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## Section 42A Officer's Report – Mining and Mineral Extraction

### Appendix 1- Recommended Provisions

Recommended amendments to the provisions in response to submissions are shown in ~~strikethrough~~ and underline.

## MINZ

### Mineral Extraction Zone - Te Takiwā Kohuke

#### Overview

The West Coast/Te Tai o Poutini has a wide range of minerals located across the region and the mineral extraction industry is a key industry and employer on the West Coast/Te Tai o Poutini. It is arguably the most mineral rich region in New Zealand/Aotearoa me Te Waipounamu. Minerals found on the West Coast/Te Tai o Poutini in economic quantities include coal, gold, garnets, ilmenite and a wide range of alluvial and outwash deposited minerals as well as rock materials used for road construction, and engineered hazard protection works.

Mineral extraction has a functional need to occur where the mineral resource is located, and the MINZ -Mineral Extraction Zone recognises this requirement, and that mineral extraction will continue to be an important activity in the West Coast/Te Tai o Poutini.

~~The MINZ – Mineral Extraction Zone covers areas where there are discrete, long term mineral extraction activities that are currently authorised. This authorisation is from three different mechanisms and includes:~~

- ~~1. Coal mining licences under the Coal Mines Act (1979);~~
- ~~2. Ancillary coal mining licences under the Coal Mines Act (1979); and~~
- ~~3. Resource consents issued under the Resource Management Act (1991).<sup>1</sup>~~

Because of its size and significance, and particular operational requirements, the BCZ - Buller Coalfield Zone is a separate Special Zone.

Not all minerals of significance are found in discrete locations. Gold, garnets, ilmenite and gravel are all examples of minerals that are widely spread across the West Coast in alluvial and outwash deposits. Where mineral deposits occur outside of the Special Zones, mineral extraction will be managed within the relevant zone rules. It is anticipated that there will continue to be widespread mineral extraction outside of the MINZ - Mineral Extraction Zone.

#### Other relevant Te Tai o Poutini Plan provisions

It is important to note that in addition to the provisions in this chapter, a number of Part 2: District-wide Matters chapters also contain provisions that may be relevant for mineral extraction activities, including:

- **Overlay Chapters** - the Overlay Chapters have provisions in relation to historic heritage; notable trees; sites and areas of significance to Māori; ecosystems and indigenous biodiversity; landscape and natural features; riparian areas; natural hazards; and the coastal environment. Where an activity is located within an overlay area (as identified in the planning maps) then the relevant overlay provisions apply.

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<sup>1</sup> Rocky Mining Limited (S474.045), Davis Ogilvie & Partners Ltd (S465.004) et al

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- **General District Wide Matters** - provisions in relation to NOISE and LIGHT in particular may be relevant to activities undertaken in the MINZ - Mineral Extraction Zone.

### Regional Council Consenting Requirements

Alongside Te Tai o Poutini Plan provisions, often mineral extraction activity will require regional consents from the West Coast Regional Council, generally in relation to water takes, discharges and land disturbance activity.

Mineral Extraction Zone Objectives	
<b>MINZ - O1</b>	Mineral extraction activities in the MINZ - Mineral Extraction Zone are enabled recognising their scale and operational characteristics <sup>2</sup> and the contribution that these activities make to the economic and social wellbeing of the region and districts.
<b>MINZ - O2</b>	To ensure that the exploration, extraction and processing of minerals within the MINZ - Mineral Extraction Zone <del>minimises</del> <sup>3</sup> <u>manages</u> <sup>4</sup> adverse effects on the environment, the community and the relationship of Poutini Ngāi Tahu with their ancestral lands, sites and areas of significance, water, wāhi tapu and other taonga.

### Also the Strategic Objectives and Policies

Mineral Extraction Policies	
<b>MINZ - P1</b>	To <del>identify and</del> provide for significant mineral resources ( <del>where these are found in a discrete location</del> ) by identifying MINZ - Mineral Extraction Zones and applying provisions to facilitate mineral extraction activities, <u>in areas:</u> <ol style="list-style-type: none"> <li>a. <u>where there are discrete, long term mineral extraction activities that are currently authorised by three different mechanisms:</u> <ol style="list-style-type: none"> <li>i. <u>Coal mining licences under the Coal Mines Act (1979); or</u></li> <li>ii. <u>Ancillary coal mining licences under the Coal Mines Act (1979); or</u></li> <li>iii. <u>Where all necessary resource consents required to authorise the activities have been issued under the Resource Management Act (1991).</u><sup>5</sup></li> </ol> </li> </ol>
<b>MINZ - P2</b>	To recognise the importance of the mineral deposits in the MINZ - Mineral Extraction Zone and prevent future activities or developments from establishing in locations which could compromise access to these mineral deposits.
<b>MINZ - P3</b>	To ensure that after mineral extraction <u>is complete</u> <sup>6</sup> , all mine sites in the MINZ - Mineral Extraction Zone are rehabilitated to <del>best practice environmental standards and to provide for</del> <u>enable</u> <sup>7</sup> future use and activities appropriate to the area.

<sup>2</sup> WMS Group (HQ) Limited and WMS Land Co. Limited (S599.125) et al.

<sup>3</sup> WMS Group (HQ) Limited and WMS Land Co. Limited (S599.126) et al.

<sup>4</sup> Terra Firma Mining Limited (S537.026).

<sup>5</sup> Rocky Mining Limited (S474.045), Davis Ogilvie & Partners Ltd (S465.004) et al

<sup>6</sup> Terra Firma Mining Limited (S537.028).

<sup>7</sup> WMS Group (HQ) Limited and WMS Land Co. Limited (S599.129) et al.

<b>MINZ - P4</b>	<p>Maintain the quality of the environment, landscape, ecological values, character and amenity of the areas surrounding the MINZ - Mineral Extraction Zone as far as practicable by:</p> <ol style="list-style-type: none"> <li>Utilising management, monitoring, rehabilitation and mine closure plans as a key tool;</li> <li>Managing dust, noise, vibration, access and lighting to maintain amenity values;</li> <li>Managing traffic generation, load type and vehicle characteristics on the operation and maintenance of the transport network;</li> <li><del>Managing impacts on significant indigenous vegetation and significant habitats of indigenous fauna;</del><sup>8</sup></li> <li>Ensure well located appropriately formed vehicle entrances, parking, loading and manoeuvring areas to sufficiently accommodate the requirements of the activity;</li> <li>Ensuring buildings and structures are appropriately located in relation to boundaries and natural features and are of an appropriate scale;</li> <li>Undertaking remediation alongside extraction operations; and</li> <li>Requiring sites to be rehabilitated and ensuring that appropriate methods are used for this purpose.</li> </ol>
<b>MINZ - P5</b>	<p><del>Where the removal of an area of significant indigenous vegetation or significant fauna habitat in whole or in part is necessary to provide for mineral extraction and processing activities and cannot be avoided, adverse effects should be mitigated, remedied, offset or compensated to achieve no net loss in biodiversity values.</del><sup>9</sup></p>
<b>MINZ - P6</b>	<p>Protect the relationship and mana of Poutini Ngāi Tahu with their ancestral lands, sites and areas of significance, water, wāhi tapu and other taonga within the MINZ - Mineral Extraction Zone by:</p> <ol style="list-style-type: none"> <li>Ensuring Poutini Ngāi Tahu input to any resource consenting processes;</li> <li>Requiring ongoing liaison and communication where Poutini Ngāi Tahu <del>cultural resources</del> <u>values</u><sup>10</sup> may be affected by mineral extraction, processing or rehabilitation activities;</li> <li>Recognising the ownership of the pounamu resource lies with <del>Poutini Ngāi Tahu</del> <u>Te Rūnanga o Ngāi Tahu</u>;<sup>11</sup> and</li> <li>Enabling the kaitiakitanga responsibilities of Poutini Ngāi Tahu.</li> </ol>
<b>MINZ - P7</b>	<p>Manage conflicts between mineral extraction activities and other land uses by ensuring that:</p> <ol style="list-style-type: none"> <li>Performance standards to <del>minimise impacts on the</del> <u>maintain</u><sup>12</sup> amenity, rural character and natural values of adjacent areas are met; and</li> <li>Activities that are incompatible with the effects of mineral extraction and ancillary activities are not established in the MINZ - Mineral Extraction Zone.</li> </ol>

<sup>8</sup> Karen Lippiatt (S439.041).

<sup>9</sup> Karen Lippiatt (S439.041).

<sup>10</sup> Te Runanga o Ngāi Tahu, Te Runanga o Ngāti Waewae, Te Runanga o Makaawhio (S620.262).

<sup>11</sup> Te Runanga o Ngāi Tahu, Te Runanga o Ngāti Waewae, Te Runanga o Makaawhio (S620.262).

<sup>12</sup> Terra Firma Mining Limited (S537.031).

<b>MINZ - P8</b>	Co-ordinate the approach to mineral extraction activity <u>resource</u> <sup>13</sup> consents with the West Coast/Te Tai o Poutini Regional Council, particularly where water resources and soil conservation are affected.
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**Rules**

~~Note: There may be a number of Plan provisions that apply to an activity, building, structure and site. In some cases, consent may be required under rules in this Chapter as well as rules in other Chapters in the Plan. In those cases unless otherwise specifically stated in a rule, consent is required under each of those identified rules. Details of the steps Plan users should take to determine the status of an activity is provided in General Approach.<sup>14</sup>~~

**Permitted Activities**

<b>MINZ - R1</b>	<b>Mineral Prospecting and <u>Mineral</u><sup>15</sup> Exploration</b>
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<b>Activity Status Permitted</b>	<b>Activity status where compliance not achieved: Controlled Restricted Discretionary</b>
<p>Where:</p> <p><u>X. It is authorised under a Mineral Prospecting or Mineral Exploration permit from New Zealand Petroleum and Minerals, where legally required;</u><sup>16</sup></p> <ol style="list-style-type: none"> <li>1. <u>Written Notice is provided to the relevant dDistrict eCouncil at least 5 10 working days ahead of work any Mineral Prospecting or Mineral Exploration being undertaken;</u></li> <li>2. <del>Where areas are to be disturbed, topsoil shall be stripped and stockpiled and then replaced over the area of land disturbed as soon as possible, and no later than 3 months after the disturbance has occurred;</del> <u>Any earthworks associated with Mineral Prospecting or Mineral Exploration are undertaken more than 20m from a site boundary (excluding sites that are also within the MINZ – Mineral Extraction Zone);</u><sup>17</sup></li> <li>3. <del>All stripped material (including vegetation, soil and debris) is deposited or contained in such a manner that it does not enter any waterbody or cause the destruction of habitat; and</del></li> <li>4. <del>The site shall be is progressively rehabilitated as far as practicable to its original condition, with rehabilitation being completed no more than three months after Mineral Prospecting and Mineral Extracting ceases;</del><sup>18</sup></li> <li>5. <u>No more than 5,000m<sup>3</sup> of material is excavated in a calendar year per site; and</u></li> <li>6. <u>The mineral prospecting or mineral exploration does not occur within:</u> <ol style="list-style-type: none"> <li>a. <u>An Outstanding Natural Landscape;</u></li> <li>b. <u>An Outstanding Natural Feature;</u></li> </ol> </li> </ol>	

<sup>13</sup> Minor change – see Section 10.14 of the s42A.  
<sup>14</sup> There is no submission requesting this, rather this is a recommendation of the Reporting Planner – see Section 10.15 of the s42A.  
<sup>15</sup> Buller Conservation Group (S552.195) and Frida Inta (S553.195).  
<sup>16</sup> Buller District Council (S538.609).  
<sup>17</sup> Buller District Council (S538.609).  
<sup>18</sup> Buller District Council (S538.609).

- c. A Historic Heritage site;
- d. A Site or Area of Significance to Māori;
- e. A Significant Natural Area; or
- f. An area of High or Outstanding Coastal Natural Character.

**Advice Note:**

- 1. ~~Where an activity subject to this rule is located within an Overlay Chapter area, then<sup>19</sup> compliance with the relevant Overlay Chapter rules is required.~~
- 2. ~~Mineral Prospecting and Mineral Exploration within the Pounamu and Aotea Overlays is subject to Rule SASM – R7.~~
- 3. ~~The activity may require a resource consent from the West Coast Regional Council. In particular there are restrictions in relation to earthworks within 100m of a wetland and work which may affect waterbodies.<sup>20</sup>~~

**MINZ - R2**

**Mineral Extraction and Mineral Processing**

**Activity Status Permitted**

Where:

- 1. ~~The Mineral eExtraction and Mineral processing are lawfully established at the date the Plan becomes operative [insert date]; and~~
- 2. ~~Where the site is active, or intended to be active within the next 12 months:~~
  - a. ~~To the extent not already required by any coal mining licence or resource consent, a Mineral Extraction Management Plan shall be prepared in accordance with the outline provided in Appendix Seven and be submitted to the relevant district council within 12 months for certification. This plan will:~~
    - i. ~~Provide an outline of the issues and values that need to be managed at the site;~~
    - ii. ~~Provide the detail of how these issues and values will be managed;~~
    - iii. ~~Set out a schedule of annual monitoring to be undertaken; and~~
    - iv. ~~Outline the rehabilitation and mine closure process for the site;~~
  - b. ~~To the extent not already required by any coal mining licence or resource consent, an annual Environmental Monitoring Report and Annual Work Plan shall be prepared and submitted to the Consent Authority by 30 March of each calendar year. These Plans will be required until the relevant district council certifies that rehabilitation is complete;~~
- 3. ~~During mineral extraction activity, progressive rehabilitation of all disturbed areas is undertaken in accordance with the~~

**Activity status where compliance not achieved:**  
Controlled Restricted  
Discretionary

<sup>19</sup> Stevenson Mining Limited (S502.008).

<sup>20</sup> There is no submission requesting this, rather this is a recommendation of the Reporting Planner – see Section 10.15 of the s42A.

<p>rehabilitation programme in the Mineral Extraction Management Plan;</p> <p>4. Upon ceasing of mineral extraction and processing activity, a programme of mine closure shall be undertaken in accordance with the mine closure programme in the Mineral Extraction Management Plan;</p> <p>5. No blasting or vibration shall occur outside the hours of 0700 to 2200 hours weekdays and 0800 to 1800 hours on weekends and public holidays;</p> <p>6. A bond is in place with the relevant district council;</p> <p>7. Noise meets the Permitted Activity Standards in Rule NOISE – R7; and</p> <p>8. Light and glare meet the Permitted Activity standards in Rule LIGHT – R4.<sup>21</sup></p> <p><b>Advice Note:</b></p> <p>1. Only active mineral extraction sites, or those expected to be active within 12 months are required to prepare a Mineral Extraction Management Plan, Annual Work Plan or Environmental Monitoring Report.</p> <p>2. Mineral Extraction within the Pounamu and Aotea Overlays is subject to Rule SASM – R7.</p> <p>3. Where an activity subject to this rule is located within an Overlay Chapter area then compliance with the relevant Overlay Chapter rules is required.</p> <p>4. The activity may require a resource consent from the West Coast Regional Council. In particular there are restrictions in relation to earthworks within 100m of a wetland and work which may affect waterbodies.<sup>22</sup></p>		
<b>MINZ - R3</b>	<b>Activities ancillary to lawfully established <u>m</u>ineral <u>e</u>xtraction and <u>M</u>ineral <u>p</u>rocessing</b>	
<p><b>Activity Status Permitted</b></p> <p>Where:</p> <p>1. This <u>The activities</u> includes <u>the</u> maintenance and operation of all roads, parking, buildings, water treatment facilities, storage facilities, railway loadout <u>areas</u> and structures <u>existing at the date of notification of the Plan that are lawfully established at the date the Plan becomes operative [insert date]</u>;</p> <p>2. Maximum building height above ground level is 10m;<sup>23</sup></p> <p>3. Buildings are setback a minimum of 10m from the road boundary and 10m from internal boundaries;</p> <p>4. There is a maximum of 30 heavy vehicle movements per day (excluding internal movements within the mineral extraction site);<sup>24</sup></p>	<p><b>Activity status where compliance not achieved:</b></p> <p><u>Controlled</u> <u>Restricted</u> <u>Discretionary</u></p>	

<sup>21</sup> Lynley Hargreaves (S481.017).

<sup>22</sup> Various – see Section 10.19 of the s42A.

<sup>23</sup> Peter Langford (S615.219) et al.

<sup>24</sup> Aggregate and Quarry Association (S521.010).



<p>5. There shall be no offensive or objectionable dust nuisance at or beyond the property boundary of the mineral extraction site as a result of the activity;</p> <p>6. A bond is in place with the relevant district council;</p> <p>7. Noise meets the Permitted Activity Standards in Rule NOISE – R7; and</p> <p>8. Light and glare meet the Permitted Activity standards in Rule LIGHT – R4.<sup>25</sup></p> <p><b>Advice Note:</b></p> <p>1. Where an activity subject to this rule is located within an Overlay Chapter area then compliance with the relevant Overlay Chapter rules is required.<sup>26</sup></p>		
<b>MINZ – R4</b>	<b>Conservation, Recreation and Research Activities</b>	
<p><b>Activity Status Permitted</b> Where:</p> <p>1. Maximum building height above ground level is 10m; and</p> <p>2. Buildings are setback a minimum of 10m from the road boundary and 10m from internal boundaries.<sup>27</sup></p>		<b>Activity status where compliance not achieved:</b> Discretionary
<b>MINZ - R5</b>	<b>Grazing of Animals</b>	
<p><b>Activity Status Permitted</b> <b>Advice Note:</b></p> <p>1. Where an activity subject to this rule is located within an Overlay Chapter area then compliance with the relevant Overlay Chapter rules is required.<sup>28</sup></p>		<b>Activity status where compliance not achieved:</b> N/A
<b>MINZ - RX</b>	<b>Any Buildings</b>	
<p><b>Activity Status Permitted</b> Where:</p> <p>1. The maximum building height above ground level is 10m; and</p> <p>2. Any buildings are setback a minimum of 10m from any road boundaries, and 10m from any boundary outside of the Mineral Extraction Zone – MINZ.</p>		<b>Activity status where compliance not achieved:</b> Discretionary
<b>Controlled Activities</b>		
<b>MINZ – R6</b>	<b>Mineral Prospecting and Exploration, Mineral Extraction and Processing Activities and Ancillary Activities not meeting Permitted Activity Standards</b>	
<p><b>Activity Status Controlled</b> Where: This does not occur within:</p>		<b>Activity status where compliance not achieved:</b> Restricted Discretionary

<sup>25</sup> Lynley Hargreaves (S481.017)

<sup>26</sup> Various – see Section 10.19 of the s42A.

<sup>27</sup> Various - See discussion in Section 10.20 of the s42A.

<sup>28</sup> Buller District Council (S538.612 and S538.613).

<ul style="list-style-type: none"> <li>i. An area of indigenous vegetation greater than 5000m<sup>2</sup> in size that has not been assessed for its significance;</li> <li>2. This includes all earthworks associated with the mineral extraction activity; and</li> <li>3. This includes ancillary activities, buildings, structures and infrastructure required to enable the mineral extraction activity.</li> </ul> <p><b>Matters of control are:</b></p> <ul style="list-style-type: none"> <li>a. Management of access, parking, traffic generation and transport of minerals from the site;</li> <li>b. Noise, glare, light, dust, blasting and vibration management;</li> <li>c. Hours of operation;</li> <li>d. Hazardous substances and waste management;</li> <li>e. Historic heritage and cultural heritage requirements;</li> <li>f. Extent and design of earthworks and indigenous vegetation clearance;</li> <li>g. Effects on ecological values including any threatened fauna or their habitats;</li> <li>h. Design and location of ancillary buildings, structures and infrastructure;</li> <li>i. Overburden management;</li> <li>j. Monitoring, reporting and community liaison requirements;</li> <li>k. Financial contributions and any requirement for bonds; and</li> <li>l. Site rehabilitation and mine closure requirements.</li> </ul> <p><b>Advice Note:</b></p> <ul style="list-style-type: none"> <li>1. Where an activity subject to this rule is located within an Overlay Chapter area then compliance with the relevant Overlay Chapter rules is required.</li> <li>2. Mineral Extraction within the Pounamu and Aotea Overlays is subject to Rule SASM – R7.<sup>29</sup></li> </ul>	
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**Restricted Discretionary Activities**

<b><u>MINZ – RX</u></b>	<b><u>Mineral Prospecting, Mineral Exploration, Mineral Extraction, Mineral Processing and ancillary activities not meeting Permitted Activity Standards</u></b>
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<p><b><u>Activity Status Restricted Discretionary</u></b></p> <p><b><u>Where:</u></b></p> <ul style="list-style-type: none"> <li>1. <u>A Mineral Extraction Management Plan is prepared and provided to Council in accordance with the relevant matters outlined in Appendix Seven; and</u></li> <li>2. <u>The mineral prospecting or mineral exploration does not occur within:</u> <ul style="list-style-type: none"> <li>a. <u>An Outstanding Natural Landscape;</u></li> <li>b. <u>An Outstanding Natural Feature;</u></li> <li>c. <u>A Historic Heritage site;</u></li> <li>d. <u>A Site or Area of Significance to Māori;</u></li> <li>e. <u>A Significant Natural Area; or</u></li> </ul> </li> </ul>	<p><b><u>Activity status where compliance not achieved: Discretionary</u></b></p>
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<sup>29</sup> See Section 10.22 of s42A.



<p>f. <u>An area of High or Outstanding Coastal Natural Character.</u></p> <p><b>Discretion is restricted to:</b></p> <p>a. <u>The relevant matters within Appendix 7;</u></p> <p>b. <u>Suitable bond requirements;</u><sup>30</sup></p>	
<p><b>MINZ - R7</b></p>	<p><b>Mineral Extraction and Ancillary Activities not meeting Controlled Activity Standards</b></p>
<p><b>Activity Status Restricted Discretionary</b></p> <p><b>Where:–</b></p> <p>1. This includes all earthworks associated with the mineral extraction activity; and</p> <p>2. This includes ancillary activities, buildings, structure and infrastructure required to enable the mineral extraction activity.</p> <p><b>Discretion is restricted to:</b></p> <p>a. Management of access, parking and traffic generation from the site;</p> <p>b. Noise, glare, light, dust, blasting and vibration management;</p> <p>c. Hours of operation;–</p> <p>d. Hazardous substances and waste management;</p> <p>e. Historic and cultural heritage requirements;–</p> <p>f. Extent and design of earthworks and indigenous vegetation clearance;</p> <p>g. Effects on ecological values including any threatened fauna or their habitats;–</p> <p>h. Design and location of ancillary buildings, structures and infrastructure;–</p> <p>i. Overburden management;</p> <p>j. Monitoring, reporting and community liaison requirements;–</p> <p>k. Financial contributions and any requirement for bonds; and</p> <p>l. Site rehabilitation and mine closure requirements.</p> <p><b>Advice Note:</b></p> <p>1. Where an activity subject to this rule is located within an Overlay Chapter area then compliance with the relevant Overlay Chapter rules is required.</p> <p>2. Mineral Extraction within the Pounamu and Aotea Overlays is subject to Rule SASM – R7.</p>	<p><b>Activity status where compliance not achieved: N/A</b></p>
<p><b>Discretionary Activities</b></p>	
<p><b>MINZ - R8</b></p>	<p><b>Conservation, research and recreation activities not meeting Permitted Activity Standards</b></p>
<p><b>Activity Status Discretionary</b></p>	<p><b>Activity status where compliance not achieved: N/A<sup>34</sup></b></p>

<sup>30</sup> See Section 10.18 of the s42A.

<sup>31</sup> See Section 10.24 of the s42A.

<b><u>MINZ – RX</u></b>	<b><u>Mineral Prospecting, Mineral Exploration, Mineral Extraction, Mineral Processing and ancillary activities not meeting the Restricted Discretionary Standards</u></b>	
<b><u>Activity Status Discretionary</u></b>		<b><u>Activity status where compliance not achieved: N/A<sup>32</sup></u></b>
<b>Non-complying Activities</b>		
<b>MINZ - R9</b>	<b>Residential Activities</b>	
<b>Activity Status Non-complying</b>		<b>Activity status where compliance not achieved: N/A</b>
<b>MINZ - R10</b>	<b>Any activity not provided for in another rule in the zone</b>	
<b>Activity Status Non-complying</b>		<b>Activity status where compliance not achieved: N/A</b>

<b>Definitions - Ngā Tautuhinga</b>	
<b>Term</b>	<b>Definition</b>
<b>Mineral Extraction</b>	means the excavation, blasting and processing (crushing, screening, washing and blending), storage and distribution of mineral products and includes ancillary activities such as earthworks, landscaping and rehabilitation works, stormwater and wastewater treatment facilities, together with ancillary buildings and structures, maintenance and repair, vehicle movements and access within, <u>to, from and between</u> <sup>33</sup> the mineral extraction sites and ancillary sites.

<sup>32</sup> See Section 10.17 – 10.19 of s42A.

<sup>33</sup> Aggregate and Quarry Association (S521.004) et al.

# BCZ

## Buller Coalfield Zone - Te Takiwā Waro o Kawatiri

### Overview

The BCZ - Buller Coalfield Zone covers the area of the Buller Coalfield where coal mining is currently authorised. ~~The authorisation is from three different mechanisms and includes:~~

- ~~1. Coal mining licences under the Coal Mines Act (1979);~~
- ~~2. Ancillary coal mining licences under the Coal Mines Act (1979); and~~
- ~~3. Resource consents issued under the Resource Management Act (1991).<sup>1</sup>~~

The Zone includes as its core the Stockton Mine, which is the single largest mine in New Zealand/Aotearoa me Te Waipounamu as well as smaller consented or licensed areas on the Stockton Plateau, Denniston Plateau ~~and at Te Kuha.~~

There are a range of activities occurring in the zone including mineral extraction, processing of coal, site rehabilitation and ancillary works such as roads, workshops, storage of materials, carparking, coal loadout and transport activities.

The intent of the zone is to enable the existing authorised activity to continue, including further development of the mines and coal processing within the zone. It also allows for other mineral extraction to occur within the zone, for example rock quarrying.

### Other relevant Te Tai o Poutini Plan provisions

It is important to note that in addition to the provisions in this chapter, a number of Part 2: District-wide Matters chapters also contain provisions that may be relevant for energy activities, including:

- **Overlay Chapters** - the Overlay Chapters may have relevant provisions in relation to historic heritage; notable trees; sites and areas of significance to Māori; biodiversity; landscape and riparian areas. Where an activity is located within an overlay area (as identified in the planning maps) then the relevant overlay provisions apply.
- **General District Wide Matters** - provisions in relation to NOISE and LIGHT in particular may be relevant to activities undertaken in the BCZ - Buller Coalfield Zone.

**Regional Council Consenting Requirements** - Alongside Te Tai o Poutini Plan provisions, often mineral extraction activity will require regional consents from the West Coast Regional Council, generally in relation to water takes, discharges and land disturbance activity.<sup>2</sup>

Buller Coalfield Zone Objectives	
<b>BCZ - O1</b>	Mineral extraction activities in the BCZ - Buller Coalfield Zone are enabled <del>by inclusion of a special purpose zone that recognises</del> <u>in recognition of<sup>3</sup></u> its national and regional significance, their scale and operational characteristics, and the contribution that these activities make to the economic and social wellbeing of the region and Buller District.

<sup>1</sup> See Section 11.1 of s42A.

<sup>2</sup> See Section 11.1 of s42A.

<sup>3</sup> See Section 11.4 of s42A.

<b>BCZ - O2</b>	To ensure that <u>the</u> exploration, extraction and processing of minerals within the BCZ - Buller Coalfield Zone <del>minimises</del> <u>manages</u> <sup>4</sup> adverse effects on the environment, the community and the relationship of Ngāti Waewae with their ancestral lands, sites, water, wāhi tapu and other taonga.
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## Also the Strategic Objectives and Policies

<b>Buller Coalfield Zone Policies</b>	
<b>BCZ - P1</b>	To provide for the current lawfully established mineral extraction and processing activities <del>in</del> <u>at Stockton Mine and surrounding areas, by identifying the BCZ - Buller Coalfield Zone, and applying provisions to facilitate mineral extraction activities</u> and the opportunities for reasonable growth and expansion to meet future demands, while managing adverse effects on the environment, <u>where:</u> <ol style="list-style-type: none"> <li>a. <u>This is currently authorised by:</u> <ol style="list-style-type: none"> <li>i. <u>Coal mining licences under the Coal Mines Act (1979); or</u></li> <li>ii. <u>Ancillary coal mining licences under the Coal Mines Act (1979); or</u></li> <li>iii. <u>Where all necessary resource consents required to authorise the activities have been issued under the Resource Management Act (1991).</u><sup>5</sup></li> </ol> </li> </ol>
<b>BCZ - P2</b>	To acknowledge the importance of the mineral deposits in the BCZ - Buller Coalfield Zone and prevent future activities or developments from establishing in locations which could compromise access to these mineral deposits.
<b>BCZ - P3</b>	To ensure that after mineral extraction is <u>complete</u> , all mine sites in the BCZ - Buller Coalfield Zone are rehabilitated to <del>best practice environmental standards and to provide for</del> <u>enable</u> <sup>6</sup> future use and activities appropriate to the area.
<b>BCZ - P4</b>	Maintain the quality of the environment, landscape, ecological values, <del>Poutini Ngāi Tahu cultural values</del> <sup>7</sup> , character and amenity of the areas surrounding the BCZ - Buller Coalfield Zone as far as practicable by: <ol style="list-style-type: none"> <li>a. Utilising management, monitoring, rehabilitation and mine closure plans as a key tool;</li> <li>b. Managing dust, noise, vibration, access and lighting to maintain amenity values and avoid significant adverse effects;</li> <li>c. Managing traffic generation impacts on the operation, maintenance and safety of the transport network and avoiding significant adverse effects;</li> <li>d. <del>Managing impacts on significant indigenous vegetation and significant indigenous fauna habitat and associated ecological values and avoiding or mitigating adverse effects;</del><sup>8</sup></li> </ol>

<sup>4</sup> Karen Lippiatt (S439.034).

<sup>5</sup> See Section 11.6 of the s42A.

<sup>6</sup> Minerals West Coast (S569.003).

<sup>7</sup> Te Runanga o Ngai Tahu, Te Runanga o Ngati Waewae, Te Runanga o Makaawhio (S620.258).

<sup>8</sup> Department of Conservation (S602.222).

	<p>e. <del>Managing and avoiding adverse effects on Poutini Ngāi Tahu cultural values;</del><sup>9</sup></p> <p>f. <del>d.</del> Ensure well located appropriately formed vehicle entrances, parking, loading and manoeuvring areas to sufficiently accommodate the requirements of the activity;</p> <p>g. <del>e.</del> Ensuring buildings and structures are appropriately located in relation to boundaries and natural features and are of an appropriate scale;</p> <p>h. <del>f.</del> Undertaking remedial measures during extraction operations; and</p> <p>i. <del>g.</del> Requiring sites to be rehabilitated and ensuring that appropriate methods are used for this purpose.</p>
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<b>BCZ - P5</b>	<del>Where the removal of an area of significant indigenous vegetation or significant fauna habitat in whole or in part is necessary to provide for mineral extraction and processing activities and cannot be avoided, adverse effects should be mitigated, remedied, offset or compensated to achieve no net loss in biodiversity values.</del> <sup>10</sup>
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<b>BCZ - PX</b>	<p><u>Protect the relationship and mana of Poutini Ngāi Tahu with their ancestral lands, sites and areas of significance, water, wāhi tapu and other taonga within the BCZ – Buller Coalfield Zone by:</u></p> <ol style="list-style-type: none"> <li><u>1. Ensuring Poutini Ngāi Tahu input to any resource consenting processes;</u></li> <li><u>2. Requiring ongoing liaison and communication where Poutini Ngāi Tahu values may be affected by mineral extraction, processing or rehabilitation activities;</u></li> <li><u>3. Recognising the ownership of the pounamu resource lies with Te Rūnanga o Ngāi Tahu; and</u></li> <li><u>4. Enabling the kaitiakitanga responsibilities of Poutini Ngāi Tahu.</u><sup>11</sup></li> </ol>
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**Buller Coalfield Zone Rules**

~~Note: There may be a number of Plan provisions that apply to an activity, building, structure and site. In some cases, consent may be required under rules in this Chapter as well as rules in other Chapters in the Plan. In those cases, unless otherwise specifically stated in a rule, consent is required under each of those identified rules. Details of the steps Plan users should take to determine the status of an activity are provided in General Approach.~~<sup>12</sup>

**Permitted Activities**

<b>BCZ - R1</b>	<b>Mineral Prospecting and <u>Mineral</u> Exploration</b>
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<p><b>Activity Status Permitted</b></p> <p>Where:</p> <p><u>X. It is authorised under a Mineral Prospecting or Mineral Exploration permit from New Zealand Petroleum and Minerals, where legally required;</u></p>	<p><b>Activity status where compliance not achieved: <u>Controlled Restricted Discretionary</u></b></p>
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<sup>9</sup> Te Runanga o Ngai Tahu, Te Runanga o Ngati Waewae, Te Runanga o Makaawhio (S620.258).

<sup>10</sup> Karen Lippiatt (S439.038).

<sup>11</sup> Te Runanga o Ngai Tahu, Te Runanga o Ngati Waewae, Te Runanga o Makaawhio (S620.258).

<sup>12</sup> See Section 11.11 of the s42A.

<ol style="list-style-type: none"> <li>1. <u>Written Notice</u> is provided to the Buller District Council at <u>least 5 10 working days</u> ahead of work <u>any Mineral Prospecting or Mineral Exploration</u> being undertaken;</li> <li>2. <del>Where areas are to be disturbed, topsoil shall be stripped and stockpiled and then replaced over the area of land disturbed as soon as possible and no later than 3 months after the disturbance has occurred;</del> <u>Any earthworks associated with Mineral Prospecting or Mineral Exploration are undertaken more than 20m from a site boundary (excluding sites that are also within the MINZ – Mineral Extraction Zone);</u></li> <li>3. <del>All stripped material (including vegetation, soil and debris) is deposited or contained in such a manner that it does not enter any waterbody or cause the destruction of habitat; and</del></li> <li>4. The site shall be <u>is progressively rehabilitated as much far as is practicable to its original condition, with rehabilitation being completed no more than three months after Mineral Prospecting and Mineral Extracting ceases;</u></li> <li>5. <u>No more than 5,000m<sup>3</sup> of material is excavated in a calendar year per site; and</u></li> <li>6. <u>The mineral prospecting or mineral exploration does not occur within:</u> <ol style="list-style-type: none"> <li>a. <u>An Outstanding Natural Landscape;</u></li> <li>b. <u>An Outstanding Natural Feature;</u></li> <li>c. <u>A Historic Heritage site;</u></li> <li>d. <u>A Site or Area of Significance to Māori;</u></li> <li>e. <u>A Significant Natural Area; or</u></li> <li>f. <u>An area of High or Outstanding Coastal Natural Character.</u></li> </ol> </li> </ol> <p><b>Advice Note:</b></p> <ol style="list-style-type: none"> <li>1. <del>Where an activity subject to this rule is located within an Overlay Chapter area then compliance with the relevant Overlay Chapter rules is required.</del></li> <li>2. <del>The activity may require a resource consent from the West Coast Regional Council. In particular there are restrictions in relation to earthworks within 100m of a wetland and work which may affect waterbodies.<sup>13</sup></del></li> </ol>	
<b>BCZ - R2</b>	<b>Mineral Extraction and <u>Mineral</u> Processing</b>
<p><b>Activity Status Permitted</b></p> <p>Where:</p> <ol style="list-style-type: none"> <li>1. The <del>m</del><u>Mineral e</u><del>x</del><u>traction and Mineral p</u><del>r</del><u>rocessing is are</u> lawfully established at the date of the Plan becoming operative [<u>insert date</u>]; <u>and</u></li> <li>2. <del>Where the site is active, or intended to be active within the next 12 months:-</del> <ol style="list-style-type: none"> <li>a. <del>To the extent not already required by any coal mining licence or resource consent, a Mineral Extraction Management Plan shall be prepared in accordance with</del></li> </ol> </li> </ol>	<p><b>Activity status where compliance not achieved:</b></p> <p><u>Controlled</u> <u>Restricted</u> <u>Discretionary</u></p>

<sup>13</sup> Various – see Section 11.12 of s42A.

the outline provided in Appendix Seven and be submitted to the Buller District Council within 12 months for certification. This plan will:

- i. Provide an outline of the issues and values that need to be managed at the site;
- ii. Provide the detail of how these issues and values will be managed;
- iii. Set out a schedule of annual monitoring to be undertaken; and
- iv. Outline the rehabilitation and mine closure process for the site;

b. To the extent not already required by any coal mining licence or resource consent, an annual Environmental Monitoring Report and Annual Work Plan shall be prepared and submitted to the Consent Authority by 30 March of each calendar year. These Plans will be required until the Buller District Council certifies that rehabilitation is complete;

c. A stakeholder liaison group shall be formed and meet annually to discuss the results of the monitoring and proposed activities for the next year. This group shall include representatives of Buller District Council, West Coast Regional Council, Department of Conservation and Te Rūnanga o Ngāti Waewae and continue to meet annually or less frequently as agreed by the participants, until full and final rehabilitation of the site is complete;

3. During mineral extraction activity, progressive rehabilitation of all disturbed areas is undertaken in accordance with the rehabilitation programme in the Mineral Extraction Management Plan;

4. Upon ceasing of mineral extraction and processing activity, a programme of mine closure shall be undertaken in accordance with the mine closure programme in the Mine Closure Plan;

5. No blasting or vibration shall occur outside the hours of 0700 to 2200 hours weekdays and 0800 to 1800 hours on weekends and public holidays;

6. A bond is in place with the Buller District Council;

7. Noise meets the Permitted Activity Standards in Rule NOISE – R10; and

8. Light and glare meet the Permitted Activity standards in Rule LIGHT – R4.

**Advice Notes:**

1. Only active mineral extraction sites, or those expected to be active within 12 months are required to prepare a Mineral Extraction Management Plan, Annual Work Plan or Environmental Monitoring Report.

2. Where an activity subject to this rule is located within an Overlay Chapter area then compliance with the relevant Overlay Chapter rules is required.



<p>3. Mineral Extraction may require a resource consent from the West Coast Regional Council. In particular there are restrictions in relation to earthworks within 100m of a wetland and work near or within waterbodies, taking and use of water and discharges to waterbodies.<sup>14</sup></p>		
<b>BCZ - R3</b>	<b>Activities ancillary to lawfully established <del>m</del>Mineral <del>e</del>Extraction and <u>Mineral</u> <del>p</del>Processing</b>	
<p><b>Activity Status Permitted</b> Where:</p> <ol style="list-style-type: none"> <li><del>This</del> <u>The activities</u> includes <u>the</u> maintenance and operation of all roads, parking, buildings, coal haul road, aerial ropeway, water treatment facilities, railway loadout areas and structures existing at the date of notification of the Plan that are lawfully established at the date the Plan becomes operative [insert date];</li> <li><del>Maximum building height above ground level is 15m;</del></li> <li><del>Buildings are setback a minimum of 10m from the road boundary and 10m from internal boundaries;</del></li> <li><del>There is a maximum of 50 heavy vehicle movements per day (excluding heavy vehicle movements within the site);</del></li> <li><del>There shall be no offensive or objectionable dust nuisance at or beyond the zone boundary as a result of the activity;</del></li> <li><del>A bond is in place with the Buller District Council;</del></li> <li><del>Noise meets the Permitted Activity Standards in Rule NOISE – R10; and</del></li> <li><del>Light and glare meet the Permitted Activity standards in Rule LIGHT – R4.</del></li> </ol> <p><b>Advice Notes:</b></p> <ol style="list-style-type: none"> <li><del>Where an activity subject to this rule is located within an Overlay Chapter area then compliance with the relevant Overlay Chapter rules is required.</del><sup>15</sup></li> </ol>		<p><b>Activity status where compliance not achieved:</b> <u>Controlled</u> <u>Restricted</u> <u>Discretionary</u></p>
<b>BCZ - R4</b>	<b>Conservation, recreation and research activities</b>	
<p><del><b>Activity Status Permitted</b></del> <del>Where:</del></p> <ol style="list-style-type: none"> <li><del>These are undertaken in accordance with any requirements set out in the resource consent or coal mining licence for the site any Mineral Extraction Management Plan for the site.</del></li> </ol>		<p><del><b>Activity status where compliance not achieved:</b></del> N/A<sup>16</sup></p>
<b>BCZ - RX</b>	<b><u>Any Buildings</u></b>	
<p><b><u>Activity Status Permitted</u></b> <u>Where:</u></p> <ol style="list-style-type: none"> <li><u>The maximum building height above ground level is 15m; and</u></li> </ol>		<p><b><u>Activity Status where compliance not achieved:</u></b> <u>Discretionary</u></p>

<sup>14</sup> Various – See Section 11.13 of s42A.

<sup>15</sup> Various – see Section 11.14 of the s42A.

<sup>16</sup> See Section 11.15 of s42A.

2. <u>Any buildings are setback a minimum of 10m from any road boundaries, and 10m from any boundary outside of the Buller Coalfield Zone - BCZ.</u> <sup>17</sup>		
<b>Controlled Activities</b>		
<b>BCZ - R5</b>	<b>Mineral Prospecting and Exploration, Mineral Extraction and Processing and Ancillary Activities not meeting Permitted Activity standards</b>	
<b>Activity Status Controlled</b> Where: 1. This does not occur within: i. An area of indigenous vegetation greater than 5000m <sup>2</sup> in size that has not been assessed for its significance; 2. This includes ancillary activities, buildings, structure and infrastructure required to enable the mineral prospecting, exploration, extraction or processing activity; and 3. This includes all earthworks associated with the mineral extraction and ancillary activities. <b>Matters of control are:</b> a. Management of access, parking and traffic generation effects from the site; b. Noise, glare, light, dust and vibration management; c. Hours of operation; d. Hazardous substances and waste management; e. Extent and design of earthworks; f. Effects on ecological values including any threatened fauna or their habitats; g. Design and location of ancillary buildings, structures and infrastructure; h. Overburden management; i. Monitoring, reporting and community liaison requirements; j. Financial contributions and any requirement for bonds; and k. Site rehabilitation and mine closure requirements. <sup>18</sup> <b>Advice Note:</b> Where an activity subject to this rule is located within an Overlay Chapter area then compliance with the relevant Overlay Chapter rules is required. <sup>19</sup>		<b>Activity status where compliance not achieved:</b> Restricted Discretionary
<b>Restricted Discretionary Activities</b>		
<b>BCZ - R6</b>	<b>Mineral Extraction and Processing and Ancillary Activities not meeting Controlled Activity Standards</b>	
<b>Activity Status Restricted Discretionary</b> Where:-		<b>Activity status where compliance not achieved:</b> N/A

<sup>17</sup> Various – see Section 11.14 of s42A.

<sup>18</sup> Department of Conservation (S602.224)

<sup>19</sup> See Section 11.16 of s42A.

<p>1. This includes ancillary activities, buildings, structure and infrastructure required to enable the mineral prospecting, exploration, extraction or processing activity; and</p> <p>2. This includes all earthworks associated with the mineral extraction and ancillary activities.</p> <p><b>Discretion is restricted to:</b></p> <ul style="list-style-type: none"> <li>a. Management of access, parking and traffic generation effects from the site;</li> <li>b. Noise, glare, light, dust, blasting and vibration management;</li> <li>c. Hours of operation;</li> <li>d. Hazardous substances and waste management;</li> <li>e. Historic and cultural heritage requirements;</li> <li>f. Extent and design of earthworks and indigenous vegetation clearance;</li> <li>g. Effects on ecological values including any threatened fauna or their habitats;</li> <li>h. Design and location of ancillary buildings, structures and infrastructure;</li> <li>i. Overburden management;</li> <li>j. Monitoring, reporting and community liaison requirements;</li> <li>k. Financial contributions and any requirement for bonds; and</li> <li>l. Site rehabilitation and mine closure requirements.</li> </ul> <p><b>Advice Note:</b> Where an activity subject to this rule is located within an Overlay Chapter area then compliance with the relevant Overlay Chapter rules is required.<sup>20</sup></p>	
<p><b><u>BCZ – RX</u></b></p>	<p><b><u>Mineral Prospecting, Mineral Exploration, Mineral Extraction, Mineral Processing and ancillary activities not meeting Permitted Activity Standards</u></b></p>
<p><b><u>Activity Status Restricted Discretionary</u></b> <b><u>Where:</u></b></p> <ul style="list-style-type: none"> <li>1. <u>A Mineral Extraction Management Plan is prepared and provided to Council in accordance with the relevant matters outlined in Appendix Seven; and</u></li> <li>2. <u>The mineral prospecting or mineral exploration does not occur within:</u> <ul style="list-style-type: none"> <li>a. <u>An Outstanding Natural Landscape;</u></li> <li>b. <u>An Outstanding Natural Feature;</u></li> <li>c. <u>A Historic Heritage site;</u></li> <li>d. <u>A Site or Area of Significance to Māori;</u></li> <li>e. <u>A Significant Natural Area; or</u></li> <li>f. <u>An area of High or Outstanding Coastal Natural Character.</u></li> </ul> </li> </ul> <p><b><u>Discretion is restricted to:</u></b></p> <ul style="list-style-type: none"> <li>a. <u>The relevant matters within Appendix 7; and</u></li> <li>b. <u>Suitable bond requirements;</u><sup>21</sup></li> </ul>	<p><b><u>Activity status where compliance not achieved: Discretionary</u></b></p>

<sup>20</sup> See Section 11.13 of s42A.

<sup>21</sup> Department of Conservation (S602.224).

<b><u>BCZ – RX</u></b>	<b><u>Mineral Prospecting, Mineral Exploration, Mineral Extraction, Mineral Processing and ancillary activities not meeting the Restricted Discretionary Standards</u></b>	
<b><u>Activity Status Discretionary</u></b>		<b><u>Activity status where compliance not achieved: N/A<sup>22</sup></u></b>
<b>Non-complying Activities</b>		
<b>BCZ - R7</b>	<b>Residential Activities, Commercial Activities or Any activity not provided for in another rule in the zone</b>	
<b>Activity Status Non-complying</b>		<b>Activity status where compliance not achieved: N/A</b>

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<sup>22</sup> See Section 11.13 of the s42a.

<b>OSRZ - P14</b>	<p>Provide for <del>m</del>Mineral extraction <u>Extraction, Mineral Prospecting and Mineral Exploration</u> activities within the OSZ - Open Space Zone where:</p> <ol style="list-style-type: none"> <li><del>Impacts on open space and recreation values of the site are minimised;</del></li> <li>This is provided for within any Open Space Management Plan for the area;</li> <li>Adverse effects on open space and recreation values and the environment are <del>avoid, mitigated, remedied, offset or compensated</del> <u>managed; and</u></li> <li>Sites <u>or areas</u> are rehabilitated at the <del>end</del> <u>completion</u> of <del>the any</del> mineral extraction <u>activity activities</u> to enable the land to be used for <del>an appropriate activity</del> <u>future use and activities to the area.</u> <sup>1</sup></li> </ol>
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## Open Space Zone

<b>OSZ - R11</b>	<b>Mineral Prospecting and Mineral Exploration</b>
<p><b>Activity Status Permitted</b> Where:</p> <ol style="list-style-type: none"> <li>This is authorised under a <u>mineral prospecting or mineral exploration permit from NZPAM New Zealand Petroleum and Minerals, where legally required;</u></li> <li>Written <del>N</del>notice is provided to the relevant District Council <u>Consent Authority</u> 10 working days prior to the <u>any works mineral prospecting or mineral exploration commencing;</u></li> <li><del>Areas are to be disturbed, topsoil shall be stripped and stockpiled and then replaced over the area of land disturbed as soon as possible and no later than 3 months after the disturbance has occurred</del> <u>Any earthworks associated with mineral prospecting or mineral exploration are undertaken more than 20m from a site boundary;</u></li> <li>The site <del>shall be</del> <u>is progressively</u> rehabilitated as far as is practicable to its original condition <u>with rehabilitation being completed no more than three months after mineral prospecting and mineral exploration ceases;</u> and</li> <li><u>No more than 5,000m<sup>3</sup> of material is excavated in a calendar year per site</u></li> <li><u>The mineral prospecting or mineral exploration does not occur within:</u> <ol style="list-style-type: none"> <li><u>An Outstanding Natural Landscape;</u></li> <li><u>An Outstanding Natural Feature;</u></li> <li><u>A Historic Heritage site;</u></li> <li><u>A Site or Area of Significance to Māori;</u></li> <li><u>A Significant Natural Area; or</u></li> <li><u>An area of High or Outstanding Coastal Natural Character.</u><sup>2</sup></li> </ol> </li> <li><del>All stripped material (including vegetation, soil and debris) is not deposited within any riparian margin of a waterbody and is contained in such a manner that it does not enter any waterbody or cause the destruction of habitat.</del></li> </ol> <p><b>Advice Note:</b></p> <ol style="list-style-type: none"> <li><del>Where an activity subject to this rule is located within an Overlay Chapter area then compliance with the relevant Overlay Chapter rules is required.</del></li> <li><del>Mineral Prospecting and Mineral Exploration within the Pounamu and Aotea Overlays is subject to Rule SASM - R7.</del></li> </ol>	<p><b>Activity status where compliance not achieved:</b> <del>Restricted Discretionary</del><sup>4</sup></p>

<sup>1</sup> Various – see Section 13.1 of the s42A Report.

<sup>2</sup> Queenstown Lakes District Council (S523.005).

<sup>4</sup> Forest & Bird (S560.361)

3. The activity may require a resource consent from the West Coast Regional Council. In particular there are restrictions in relation to earthworks within 100m of a wetland and work which may affect waterbodies. <sup>3</sup>	
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<b>OSZ - R19</b>	<b>Mineral Extraction Activities and Mineral Prospecting and <u>Mineral</u> Exploration not meeting Permitted Activity Standards</b>
<p><b>Activity Status Restricted Discretionary</b> Where:</p> <p>1. <del>The activity does not occur within an Outstanding Natural Landscape, Outstanding Natural Feature, a Historic Heritage site, a Site or Area of Significance to Māori, a Significant Natural Area or an area of High or Outstanding Coastal Natural Character [refer to the relevant Overlay Chapter rules in relation to activities in these areas]</del></p> <p><b>Discretion is restricted to:</b></p> <p>a. <del>Impacts on conservation and recreation activities;</del>  b. <del>Management of access, parking, traffic generation and transport of minerals from the site;</del>  c. <del>Noise, glare, light, dust, blasting and vibration management;</del>  d. <del>Hours of operation;</del>  e. <del>Hazardous substances and waste management;</del>  f. <del>Historic and cultural heritage requirements;</del>  g. <del>Extent and design of earthworks and indigenous vegetation clearance;</del>  h. <del>Effects on any threatened fauna or their habitats;</del>  i. <del>Design and location of ancillary buildings, structures and infrastructure;</del>  j. <del>Landscape measures;</del>  k. <del>Overburden management;</del>  l. <del>Monitoring, reporting and community liaison requirements;</del>  m. <del>Financial contributions and any requirement for bonds; and</del>  n. <del>Site rehabilitation and mine closure requirements.</del></p> <p><b>Advice Note:</b> Refer to Rule SASM – R7 in the Sites of Significance to Māori Chapter where mineral extraction is proposed within the Aotea or Pounamu Overlays.<sup>5</sup></p>	<p><b>Activity status where compliance not achieved:</b> Discretionary <u>N/A</u></p>

<b>OSZ - R22</b>	<b>Mineral Extraction Activities not meeting Restricted Discretionary Activity Standards</b>
<p><b>Activity Status Discretionary</b> -</p> <p><b>Advice Note:</b> When assessing resource consent applications for mineral extraction activities assessment against Policies RURZ – P20, RURZ – P22, RURZ – P23, RURZ – P24 and RURZ – P26 should also be undertaken.</p>	<p><b>Activity status where compliance not achieved:</b> N/A<sup>6</sup></p>

## Natural Open Space Zone

<sup>3</sup> Straterra (S536.060).

<sup>5</sup> Various – see Section 13.2 of the s42A Report.

<sup>6</sup> Various – see Section 13.3 of the s42A Report.

<b>NOSZ - R16</b>	<b>Mineral Prospecting, Mineral Exploration and Mineral Extraction Activities<sup>7</sup></b>
<b>Activity Status Non-complying</b>	<b>Activity status where compliance not achieved: N/A<sup>8</sup></b>

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<sup>7</sup> Straterra (S536.059) et al.

<sup>8</sup> Various – See Section 14.1 of the s42A Report.



<b>RURZ - O5</b>	To support <del>provide for the use and extraction of mineral resources</del> <u>mineral prospecting, mineral exploration and mineral extraction activities located</u> within the rural environment, <u>while</u> : a. <del>Recognising that mineral resources are widespread, and these activities can be appropriate in a range of locations within the rural environment;</del> and b. <del>Ensuring that provided</del> <u>adverse effects are minimised</u> <del>managed;</del> and c. <del>Ensuring that</del> <u>rehabilitation of land occurs following mineral extraction,</u> <del>mineral extraction can be appropriate in a range of locations</del> <u>the completion of these activities.</u> <sup>1</sup>
<b><i>Mineral Prospecting, Mineral Exploration and Mineral Extraction</i></b>	
<b>RURZ - P18</b>	Recognise that mineral resources are fixed in location and enable <u>mineral prospecting, mineral exploration and mineral extraction activities</u> provided adverse effects are <del>avoided, remedied or mitigated</del> <u>managed.</u> <sup>2</sup>
<b>RURZ - P19</b>	Manage conflicts between <u>lawfully established</u> mineral extraction activities and other land uses by ensuring that: a. Standards to <del>minimise impacts</del> <u>manage adverse effects</u> on the amenity, rural character and natural values of rural areas are met; and b. Activities that are incompatible with the effects of mineral extraction activities are not established close to existing <u>lawfully established</u> <sup>3</sup> mineral extraction activities.
<b>RURZ - P20</b>	Enable rural production activities to utilise aggregate resources by providing for farm quarries where they are not located within areas identified within Schedules One - Eight.
<b>RURZ - P21</b>	Require proposals for new mineral extraction activities to: a. <del>Provide</del> <u>adequate information on the establishment and operation of the mineral extraction activity;</u> b. <del>Measures to reduce and/or avoid</del> <u>manage</u> adverse effects; and c. <u>Details on the rehabilitation of the mineral extraction area once mineral extraction is completed.</u> <sup>4</sup>
<b>RURZ - P22</b>	Sites used for <u>mineral prospecting, mineral exploration and mineral extraction activities</u> <del>should be</del> <u>are</u> rehabilitated <u>at the completion of the activities</u> <sup>5</sup> to enable the land to be used for other activities appropriate to the area.
<b>RURZ - P23</b>	Co-ordinate the approach to <u>mineral prospecting, mineral exploration and mineral extraction activity</u> <u>resource</u> <sup>6</sup> consents with the West Coast Regional Council, particularly where water resources and soil conservation are affected.
<b>RURZ - P24</b>	<del>When mineral resources of regional or national significance are identified, consider including these areas within the MINZ – Mineral Extraction Zone.</del> <sup>7</sup>
<b>RURZ - P25</b>	Maintain the quality of the environment and amenity of areas surrounding <del>the</del> mineral extraction activities as far as practicable by: a. Utilising management, mitigation and rehabilitation plans as a key tool; b. Managing dust, noise, vibration, access and lighting to maintain amenity values; c. Managing traffic generation impacts on the operation and maintenance of the transport network;

<sup>1</sup> Various – see Section 16.1 of the s42A Report.

<sup>2</sup> Various – see Section 16.2 of the s42A Report

<sup>3</sup> Various – see Section 16.3 of the s42A Report.

<sup>4</sup> Michael Hill (S70.015).

<sup>5</sup> Various – see Section 16.6 of s42A.

<sup>6</sup> Michael Hill (S70.016).

<sup>7</sup> Michael Hill (S70.017), Suzanne Hills (S443.043) and Forest & Bird (S560.378)

	<p>d. <del>Avoiding or mitigating impacts on significant indigenous vegetation and significant habitats of indigenous fauna;</del><sup>8</sup></p> <p>e. Ensure well located appropriately formed vehicle entrances, parking, loading and manoeuvring areas to sufficiently accommodate the requirements of the activity;</p> <p>f. Ensuring buildings and structures are appropriately located in relation to boundaries and natural features and are of an appropriate scale;</p> <p>g. Undertaking progressive remediation to address effects during extraction operations; and</p> <p>h. Requiring sites to be rehabilitated and ensuring that appropriate methods are used for this purpose.</p>
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GRUZ - R11	Mineral Prospecting and Mineral Exploration	
<p><b>Activity Status Permitted</b></p> <p>Where:</p> <ol style="list-style-type: none"> <li>1. This is authorised under a <u>mineral prospecting or mineral exploration permit from NZPAM New Zealand Petroleum and Minerals, where legally required;</u></li> <li>2. <u>Written Notice is provided to the relevant District Council Consent Authority 10 working days prior to the any mineral prospecting or mineral extraction works commencing;</u></li> <li>3. <del>Areas are to be disturbed, topsoil shall be stripped and stockpiled and then replaced over the area of land disturbed as soon as possible and no later than 3 months after the disturbance has occurred</del> <u>Any earthworks associated with mineral prospecting or mineral exploration are undertaken more than 20m from a site boundary;</u></li> <li>4. <del>The site shall be</del> <u>is progressively rehabilitated as far as is practicable to its original condition with rehabilitation being completed no more than three months after Mineral Prospecting and Mineral Extracting ceases; and</u></li> <li>5. <u>No more than 5,000m<sup>3</sup> is excavated in a calendar year.</u></li> <li>6. <u>The mineral prospecting or mineral exploration does not occur within:</u> <ol style="list-style-type: none"> <li>a. <u>An Outstanding Natural Landscape;</u></li> <li>b. <u>An Outstanding Natural Feature;</u></li> <li>c. <u>A Historic Heritage site;</u></li> <li>d. <u>A Site or Area of Significance to Māori;</u></li> <li>e. <u>A Significant Natural Area; or</u></li> <li>f. <u>An area of High or Outstanding Coastal Natural Character</u></li> </ol> </li> </ol> <p><del>5. All stripped material (including vegetation, soil and debris) is not deposited within any riparian margin of a waterbody and is contained in such a manner that it does not enter any waterbody or cause the destruction of habitat.</del></p> <p><b>Advice Note:</b></p> <ol style="list-style-type: none"> <li>1. <del>Where an activity subject to this rule is located within an Overlay Chapter area then compliance with the relevant Overlay Chapter rules is required.</del></li> <li>2. <del>Mineral Prospecting and Mineral Exploration within the Pounamu and Aotea Overlays is subject to Rule SASM-R7.</del></li> <li>3. <del>The activity may require a resource consent from the West Coast Regional Council. In particular there are restrictions in relation to earthworks within 100m of a wetland and work which may affect waterbodies.</del><sup>9</sup></li> </ol>	<p><b>Activity status where compliance not achieved:</b></p> <p><del>Restricted Discretionary</del></p>	

<sup>8</sup> Department of Conservation (S602.230) et al.

<sup>9</sup> Various – see Section 17.1 of the s42A Report.

<b>GRUZ - R12</b>	<b>Mineral Extraction</b>	
<p><b>Activity Status Permitted</b> Where:</p> <p>X. The mineral extraction is associated with a farm quarry;</p> <ol style="list-style-type: none"> <li>1. Less than 20,000m<sup>3</sup> of material is disturbed or removed within a 12 month period; or</li> <li>2. Progressive rehabilitation of the mined area occurs so that disturbance is limited to no more than 3ha at any one time per property on which the activity is occurring;</li> </ol> <p>And</p> <ol style="list-style-type: none"> <li>3. The activity does not occur within: <ol style="list-style-type: none"> <li>a. An Outstanding Natural Landscape or Outstanding Natural Feature; or</li> <li>b. An area of significant indigenous vegetation or significant indigenous fauna habitat or any Significant Natural Area identified in Schedule Four; or</li> <li>c. The riparian margins of any stream, river, lake, or wetland;</li> <li>d. A Historic Heritage site identified in Schedule One; or</li> <li>e. A Site or Area of Significance to Māori identified in Schedule Three;</li> <li>f. 250m of a residential building sensitive activity on any RESZ – Residential Zone or RURZ – Rural Zone an adjoining site;</li> </ol> </li> <li>4. There are no stockpiles within 20m of the property boundary;</li> <li>5. The maximum stockpile height is 7m;</li> <li>6. There shall be no offensive or objectionable dust nuisance as a result of the activity at or beyond the property boundary;</li> <li>7. There are a maximum of 10 heavy vehicle movements and 30 light vehicle movements per day generated by the activity;</li> <li>8. Vehicle crossings and access meet the design standards as set out in Appendix One Transport Performance Standards;</li> <li>9. Hours of operation are limited to 7am to 7pm;</li> <li>10. Noise levels meet the Permitted Activity Standards in Rule NOISE -R5; and</li> <li>11. Light meets the Permitted Activity standards in Rule LIGHT - R4.</li> </ol> <p><b>Advice Notes:-</b></p> <ol style="list-style-type: none"> <li>1. Where an activity subject to this rule is located within an Overlay Chapter area then compliance with the relevant Overlay Chapter rules is required.</li> <li>2. Mineral Extraction within the Pounamu and Aotea Overlays is subject to Rule SASM – R7.</li> <li>3. Mineral Extraction may require a resource consent from the West Coast Regional Council. In particular there are restrictions in relation to earthworks within 100m of a wetland and work near or within waterbodies, taking and use of water and discharges to waterbodies. <sup>10</sup></li> </ol>	<p><del>Controlled where this is a previously mined area identified in Schedule Ten. Otherwise Restricted Discretionary</del></p>	
<b>GRUZ - R18</b>	<b>Mineral Extraction and Mineral Prospecting and Exploration not meeting Permitted Activity standards</b>	
<p><b>Activity Status Controlled</b> Where:</p> <ol style="list-style-type: none"> <li>1. The activity occurs in previously mined locations identified in Schedule Ten; and</li> <li>2. The activity does not occur within:</li> </ol>	<p><b>Activity status where compliance not achieved:</b> Restricted Discretionary</p>	

<sup>10</sup> Various – see Section 17.2 of the s42A Report.

<ul style="list-style-type: none"> <li>i. <del>An Outstanding Natural Landscape or Outstanding Natural Feature; or</del></li> <li>ii. <del>An area of significant indigenous vegetation or significant indigenous fauna habitat; or</del></li> <li>iii. <del>The riparian margins of any stream, river, lake, or wetland;</del></li> <li>iv. <del>A Historic Heritage site, or</del></li> <li>v. <del>A Site or Area of Significance to Māori;</del></li> <li>vi. <del>250m of a residential building on any RESZ – Residential Zone, SETZ – Settlement Zone or RLZ – Rural Lifestyle Zone.</del></li> </ul> <p><b>Matters of control are:-</b></p> <ul style="list-style-type: none"> <li>a. <del>Management of access, parking, traffic generation and transport of minerals from the site;</del></li> <li>b. <del>Noise, glare, light, dust, blasting and vibration management;</del></li> <li>c. <del>Hours of operation;</del></li> <li>d. <del>Hazardous substances and waste management;</del></li> <li>e. <del>Historic and Poutini Ngāi Tahu cultural heritage requirements;</del></li> <li>f. <del>Extent and design of earthworks and indigenous vegetation clearance;</del></li> <li>g. <del>Effects on any threatened fauna or flora, or their habitats;</del></li> <li>h. <del>Design and location of ancillary buildings, structures and infrastructure;</del></li> <li>i. <del>Landscape measures;</del></li> <li>j. <del>Maintaining public access;</del></li> <li>k. <del>Effects on riparian margins and water quality;</del></li> <li>l. <del>Monitoring, reporting and community liaison requirements;</del></li> <li>m. <del>Financial contributions and any requirement for bonds; and</del></li> <li>n. <del>Site rehabilitation and mine closure requirements.</del></li> </ul> <p><b>Advice Note:</b> Mineral Extraction within the Pounamu and Aotea Overlays is subject to Rule SASM – R7.<sup>11</sup></p>	
<b>GRUZ - R25      Mineral Prospecting, Mineral Exploration and Mineral Extraction Activities not meeting Permitted or Controlled Activity Standards</b>	
<p><b>Activity Status Restricted Discretionary</b> Where:</p> <ul style="list-style-type: none"> <li>1. <del>The activity does not occur within an Outstanding Natural Landscape, Outstanding Natural Feature, a Historic Heritage site, a Significant Natural Area, a Site or Area of Significance to Māori, or an area of High or Outstanding Coastal Natural Character [refer to the relevant Overlay Chapter rules in relation to activities in these areas]</del></li> </ul> <p><b>Discretion is restricted to:-</b></p> <ul style="list-style-type: none"> <li>a. <del>Management of access, parking and traffic generation;</del></li> <li>b. <del>Noise, glare, light, dust, blasting and vibration management;</del></li> <li>c. <del>Hours of operation;</del></li> <li>d. <del>Hazardous substances and waste management;</del></li> <li>e. <del>Historic and Poutini Ngāi Tahu cultural heritage requirements;</del></li> <li>f. <del>Extent and management of earthworks and indigenous vegetation clearance;</del></li> <li>g. <del>Effects on any threatened fauna or flora or their habitats;</del></li> <li>h. <del>Design and location of buildings, structures and infrastructure;</del></li> <li>i. <del>Landscape measures;</del></li> <li>j. <del>Maintaining public access;</del></li> <li>k. <del>Effects on riparian margins and water quality;</del></li> <li>l. <del>Monitoring, reporting and community liaison requirements;</del></li> <li>m. <del>Financial contributions and any requirement for bonds; and</del></li> <li>n. <del>Site rehabilitation and mine closure requirements.</del></li> </ul>	<p><b>Activity status where compliance not achieved:</b> Refer to relevant Overlay Chapter rules where mineral extraction is proposed in these areas. <u>N/A</u></p>

<sup>11</sup> Various – see Section 17.3 of s42A Report.

<b>Advice Note:</b> Mineral Extraction within the Pounamu and Aotea Overlays is subject to Rule SASM – R7. <sup>12</sup>		
<b>GRUZ - R32</b>	<b>Mineral Prospecting and Exploration and Mineral Extraction Activities not meeting Restricted Discretionary Activity Standards</b>	
<b>Activity Status Discretionary</b>		<b>Activity status where compliance not achieved: N/A</b>
<b>Advice Note:</b> Mineral Extraction within the Pounamu and Aotea Overlays is subject to Rule SASM – R7. <sup>13</sup>		

## Rural Lifestyle Zone

<b>RLZ - R11</b>	<b>Mineral Prospecting and Mineral Exploration</b>	
<ol style="list-style-type: none"> <li>1. This is authorised under a <u>mineral</u> prospecting or <u>mineral</u> exploration permit from <del>NZPAM</del> <u>New Zealand Petroleum and Minerals, where legally required;</u></li> <li>2. <u>Written notice is provided to the relevant District Council 10 working days ahead prior to of any work mineral prospecting or mineral exploration commencing being undertaken;</u></li> <li>3. <del>Where areas are to be disturbed, topsoil shall be stripped and stockpiled and then replaced over the area of land disturbed as soon as possible and no later than 3 months after the disturbance has occurred Any earthworks associated with mineral prospecting or mineral exploration are undertaken more than 20m from a site boundary;</del></li> <li>4. <u>The site shall be is progressively rehabilitated as far as is practicable to its original condition, with rehabilitation being completed no more than three months after Mineral Prospecting and Mineral Extracting ceases; and</u></li> <li>5. <u>No more than 5,000m<sup>3</sup> of material is excavated in a calendar year; and</u></li> <li>6. <u>The mineral prospecting or mineral exploration does not occur within:</u> <ol style="list-style-type: none"> <li>a. <u>An Outstanding Nautral Landscape;</u></li> <li>b. <u>An Outstanding Natural Feature;</u></li> <li>c. <u>A Historic Heritage site;</u></li> <li>d. <u>A Site or Area of Significance to Maori</u></li> <li>e. <u>A Significance Natural Area; or</u></li> <li>f. <u>An area of High or Outstanding Coastal Natural Character</u></li> </ol> </li> <li>5. <del>All stripped material (including vegetation, soil and debris) is not deposited within any riparian margin of a waterbody and is contained in such a manner that it does not enter any waterbody or cause the destruction of habitat.</del></li> </ol> <p><b>Advice Notes:-</b></p> <ol style="list-style-type: none"> <li>1. <del>Where an activity subject to this rule is located within an Overlay Chapter area then compliance with the relevant Overlay Chapter rules is required.</del></li> <li>2. <del>Mineral Prospecting and Mineral Exploration within the Pounamu and Aotea Overlays is subject to Rule SASM – R7.</del></li> <li>3. <del>The activity may require a resource consent from the West Coast Regional Council. In particular there are restrictions in relation to earthworks within 100m of a wetland and work which may affect waterbodies.</del></li> </ol>		<b>Activity status where compliance not achieved:</b> Restricted Discretionary

<sup>12</sup> Various – see Section 17.4 of s42A Report.

<sup>13</sup> Various – See Section 17.5 of s42A Report.

<b>RLZ - R15</b>	<b>Mineral Prospecting and Exploration not Meeting Permitted Activity Standards and Mineral Extraction Activities</b>	
<b>Activity Status Restricted Discretionary</b> Where: <ol style="list-style-type: none"> <li>The activity does not occur within an Outstanding Natural Landscape, Outstanding Natural Feature, a Historic Heritage site, or a Site or Area of Significance to Māori, or an area of High or Outstanding Coastal Natural Character [refer to the relevant Overlay Chapter rules in relation to activities in these areas].</li> </ol> <b>Discretion is restricted to:</b> <ol style="list-style-type: none"> <li>Management of access, parking, traffic generation and transport of minerals from the site;</li> <li>Noise, glare, light, dust, blasting and vibration management;</li> <li>Hours of operation;</li> <li>Hazardous substances and waste management;</li> <li>Historic and Poutini Ngāi Tahu cultural heritage requirements;</li> <li>Extent and design of earthworks and indigenous vegetation clearance;</li> <li>Effects on any threatened fauna and flora or their habitats;</li> <li>Design and location of ancillary buildings, structures and infrastructure;</li> <li>Landscape measures;</li> <li>Maintaining public access;</li> <li>Effects on riparian margins and water quality;</li> <li>Monitoring, reporting and community liaison requirements;</li> <li>Financial contributions and any requirement for bonds; and</li> <li>Site rehabilitation and mine closure requirements.</li> </ol> <b>Advice Note:</b> Mineral Extraction within the Pounamu and Aotea Overlays is subject to Rule SASM – R7. <sup>14</sup>		<b>Activity status where compliance not achieved:</b> Refer to relevant Overlay Chapter rules where the activity will occur in these areas: <u>N/A</u>

<b>RLZ-RX</b>	<b>Mineral Extraction</b>	
<b>Activity Status Non-complying</b>		<b>Activity status where compliance not achieved:</b> <u>N/A<sup>15</sup></u>

### Settlement Zone

<b>SETZ - R15</b>	<b>Mineral Prospecting and Mineral Exploration</b>	
<b>Activity Status Permitted</b> Where: <ol style="list-style-type: none"> <li>This is authorised under a <u>mineral prospecting or mineral exploration permit from NZPAM New Zealand Petroleum and Minerals, where legally required;</u></li> <li>Written notice is provided to the relevant District Council 10 working days prior to the work <u>any mineral prospecting or mineral exploration commencing;</u></li> <li><u>Where areas are to be disturbed, topsoil shall be stripped and stockpiled and then replaced over the area of land disturbed as soon as possible and no later than 3 months after the disturbance has occurred</u> <u>Any earthworks associated with mineral prospecting or mineral exploration are undertaken more than 20m from a site boundary;</u></li> </ol>		<b>Activity status where compliance not achieved:</b> Restricted Discretionary

<sup>14</sup> Buller Conservation Group (S552.183), Frida Inta (S553.183) and Suzanne Hills (S443.049)

<sup>15</sup> Various – see Section 18.2 of the s42A Report.



<p>4. <del>The site shall be</del> <u>is progressively rehabilitated generally as far as practicable to its original condition, with rehabilitation being completed no more than three months after mineral prospecting and mineral exploration ceases; and</u></p> <p>5. <u>No more than 5,000m<sup>3</sup> of material is excavated in a calendar year per site; and</u></p> <p>6. <u>The mineral prospecting or mineral exploration does not occur within:</u></p> <ol style="list-style-type: none"> <li>a. <u>An Outstanding Natural Landscape;</u></li> <li>b. <u>An Outstanding Natural Feature;</u></li> <li>c. <u>A Historic Heritage site;</u></li> <li>d. <u>A Site or Area of Significance to Māori;</u></li> <li>e. <u>A Significant Natural Area; or</u></li> <li>f. <u>An area of High or Outstanding Coastal Natural Character</u></li> </ol> <p><del>e. All stripped material (including vegetation, soil and debris) is deposited or contained in such a manner that it does not enter any waterbody or cause the destruction of habitat.</del></p> <p><b>Advice Notes:</b></p> <ol style="list-style-type: none"> <li>1. <del>Where an activity subject to this rule is located within an Overlay Chapter area then compliance with the relevant Overlay Chapter rules is required.</del></li> <li>2. <del>Mineral Prospecting and Mineral Exploration within the Pounamu and Aotea Overlays is subject to Rule SASM R7.</del></li> <li>3. <del>The activity may require a resource consent from the West Coast Regional Council. In particular there are restrictions in relation to earthworks within 100m of a wetland and work which may affect waterbodies.<sup>16</sup></del></li> </ol>	
<p><b>SETZ - R23</b></p>	<p><b>Mineral Prospecting and Mineral Exploration not meeting Permitted Activity Standards and Mineral Extraction Activities</b></p>
<p><b>Activity Status Restricted Discretionary</b></p> <p><b>Where:</b></p> <ol style="list-style-type: none"> <li>1. <del>The activity does not occur within an Outstanding Natural Landscape, Outstanding Natural Feature, a Historic Heritage site, or a Site or Area of Significance to Māori, or an area of High or Outstanding Coastal Natural Character [refer to the relevant Overlay Chapter rules in relation to activities in these areas].</del></li> </ol> <p><b>Discretion is restricted to:</b></p> <ol style="list-style-type: none"> <li>a. <del>Management of access, parking, traffic generation and transport of minerals from the site;</del></li> <li>b. <del>Noise, glare, light, dust, blasting and vibration management;</del></li> <li>c. <del>Hours of operation;</del></li> <li>d. <del>Hazardous substances and waste management;</del></li> <li>e. <del>Historic and cultural heritage requirements;</del></li> <li>f. <del>Extent and design of earthworks and indigenous vegetation clearance;</del></li> <li>g. <del>Effects on any threatened fauna and flora or their habitats;</del></li> <li>h. <del>Design and location of ancillary buildings, structures and infrastructure;</del></li> <li>i. <del>Landscape measures;</del></li> <li>j. <del>Maintaining public access;</del></li> <li>k. <del>Effects on riparian margins and water quality;</del></li> <li>l. <del>Monitoring, reporting and community liaison requirements;</del></li> <li>m. <del>Financial contributions and any requirement for bonds; and</del></li> </ol>	<p><b>Activity status where compliance not achieved:</b></p> <p>Refer to relevant Overlay Chapter rules where the activity will occur in these areas: <u>Discretionary</u></p>

<sup>16</sup> Various – see Section 19.1 of the s42A Report.



<p>n. <del>Site rehabilitation and mine closure requirements.</del>  <b>Advice Note:</b> Mineral Extraction within the Pounamu and Aotea Overlays is subject to Rule SASM – R7.<sup>17</sup></p>	
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<b>SETZ-RX</b>	<b>Mineral Extraction</b>
<b><u>Activity Status Non-complying</u></b>	<b><u>Activity status where compliance not achieved: N/A</u></b> <sup>18</sup>

<sup>17</sup> Various – See Section 19.2 of s42A Report.

<sup>18</sup> See Section 19.1 of s42A Report.

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# Appendix Seven: Mineral Extraction Management Plan Requirements

## Te Āpitianga Tuawhitu: Ngā Here mō Whakahaere i te Keringa o ngā Kohuke

### ~~Outline of Content Requirements for a Mineral Extraction Management Plan~~

1. ~~The following matters shall be addressed in any Mineral Extraction Management Plan triggered by the applicable rules:~~
  - a. ~~The size and scale of mineral prospecting, mineral exploration, mineral extraction and / or mineral processing activities and the expected length of operations;~~
  - b. ~~The design and layout of the site, access roads and any supporting facilities;~~
  - c. ~~The proposed measures to manage noise, vibration and dust (including from any blasting operations) and lighting to maintain amenity values of the surrounding land use;~~
  - d. ~~The proposed measures to manage effects on the surrounding road network and maintain safety to all road users, particularly measures relating to any heavy vehicles entering or exiting the site;~~
  - e. ~~The proposed measures to avoid, remedy or mitigate adverse effects on the natural environment, including any areas of indigenous biodiversity, natural inland wetlands and watercourses;~~
  - f. ~~As relevant, how land stability will be impacted and the measures in place to prevent the exacerbation of existing natural hazards;~~
  - g. ~~Any proposed measures required to mitigate adverse effects on visual and landscape values;~~
  - h. ~~Any proposed measures required to maintain the relationship of tangata whenua with their ancestral lands, sites, water, wāhi tapu and other taonga;~~
  - i. ~~Detail and quantities of hazardous substances to be used and stored on the site and to be transported to and from the site;~~
  - j. ~~Details on any annual monitoring to be undertaken for the duration of any mineral prospecting, mineral exploration, mineral extraction and / or mineral processing activities;~~
  - k. ~~Details on the progressive rehabilitation of the site, as far as practicable to its original condition, within a reasonable timeframe from the completion of any mineral prospecting, mineral exploration, mineral extraction and / or mineral processing activities;~~

#### ~~1. Introduction~~

- ~~i. Statutory Approvals — status~~
- ~~ii. Location~~
- ~~iii. Overview of the mineral extraction operations~~

#### ~~2. Receiving Environment (address all that are relevant)~~

- ~~i. Climate~~
  - ~~ii. Geology~~
  - ~~iii. Hydrology — including presence of lakes, wetlands and waterways~~
  - ~~iv. Terrestrial ecology including key species~~
  - ~~v. Landscape context~~
  - ~~vi. Neighbouring land uses~~
  - ~~vii. Coastal environment~~
-

- 
3. Management of Environmental Effects
    - i. Terrestrial Ecology (address all that are relevant)
      - a. Native vegetation
      - b. Native fauna
      - c. Significant natural areas
      - d. Key species
      - e. Key risks to be managed
      - f. Any specific species or ecosystem management plans
    - ii. Landscape and Amenity (address all that are relevant)
      - a. Landscape values
      - b. Neighbouring landuses
  4. Key issues to be managed
    - i. Heritage and Culture (address all that are relevant)
      - a. Any archaeological or historic heritage values
      - b. Poutini Ngāi Tahu Cultural landscape values
    - ii. Acid Mine Drainage Management (where relevant)
      - a. Prevention and minimisation measures
      - b. Treatment and Control measures
      - c. Monitoring, maintenance and contingency programme
    - iii. Erosion and Sediment Control
      - a. Drawings and specifications of erosion control measures
      - b. Sizing and location of sediment controls (eg diversions, silt fences etc)
      - c. Management of sediment retention ponds (where relevant)
      - d. Decommissioning of sediment control structures
      - e. Chemical treatment programme for sediment laden water (where relevant)
      - f. Monitoring, maintenance and contingency programme
    - iv. Waste Rock/Overburden Management
      - a. Waste rock placement methods and procedures
      - b. Slope stability
      - c. Monitoring and maintenance
  5. Specific Management Plans
    - i. Hazardous Substances & Spill Contingency Management Plan
    - ii. Dust Management Plan
    - iii. Noise Management Plan
    - iv. Traffic Management Plan
    - v. Lighting Management Plan
    - vi. Fire Management Plan
    - vii. Archaeological Management Plan
    - viii. Annual Monitoring Plan
    - ix. Site Rehabilitation Management Plan
    - x. Weed and Pest Management Plan
    - xi. Mine Closure Plan<sup>1</sup>

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<sup>1</sup> Various – see Section 20.1 of the s42A.

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## Schedule Nine: Lawfully Established Mineral Extraction and Processing Areas

### Te Rārangi Tuaiwa: Ngā Wāhi Tango Kohuke ngā Wāhi Tukatuka hoki kua Whakamanatia ki Whakatūnga

This Schedule provides information on the lawfully established mineral extraction and processing areas referred to within the Buller Coalfield and Mineral Extraction Zones.<sup>1</sup>

<b>Buller Coalfield Zone</b>				
<b>Location</b>	<b>Type of Activity</b>	<b>Licence/ Permit Number</b>	<b>Area</b>	<b>Comment</b>
Stockton Mine	2-5 haul road widening DoC concession	RC100064	73.69	Includes the area of the actual road alignment where there is already a concession in place
-	Aerial infrastructure DoC concession	DOC Concession	0.10	Already disturbed and part of a DOC concession
-	Cypress Mine	RC 030164	246.98	Authorised by existing resource consent
-	Fly Creek Haul Road DoC concession	DOC Concession	23.33	Already disturbed and part of a DOC concession
-	Historic disturbance areas	-	1.76	historic disturbance areas near Stockton bathhouse, Stockton CML and Mt Fred
-	Mt William North resource consent	RC11132	161.21	Authorised by existing resource consent
-	Whirlwind Stream - historic disturbance	-	3.57	Small area already disturbed adjacent to Stockton CML
-	Rockies Mining Limited MP52661	RC10055/1-4	14.25	Authorised by existing resource consent
-	Stockton 2-5 haul road and aerial	Ancillary Coal Mining Licence 3715002	183.83	Authorised under ancillary coal mining licence

<sup>1</sup> Scope to delete the chapter comes from Forest & Bird (S560.406).

-	Stockton GHPP at Ngakawau	Ancillary Coal Mining Licence 3715003	11.62	Authorised under ancillary coal mining licence
-	Stockton Coal Mining Licence	Coal Mining Licence 37150	2335.71	Authorised under coal mining licence
-	Stockton Triangle	DOC Concession	29.29	Area has a concession from DOC to disturb, already mostly disturbed, part covered by Resource consent
-	Stockton haul road expansion	RC 100064	6.26	Authorised by existing resource consent
-	Stockton No 2 South Mining Permit	RC 110043	94.10	Areas are disturbed in places and concession from DOC
-	Stockton existing disturbance at Mt Fred	-	-	Existing disturbance. Very small areas associated with CML
-	Stockton road to S14B monitoring site	-	10.75	This road and disturbance already formed and regularly used for access to the water monitoring station
-	Stockton power line and poles	-	0.84	Encompasses power line infrastructure
-	Stockton road from Millerton township to NW corner CML37150	-	1.35	Road already disturbed
Denniston Plateau	Cascade Mine infrastructure	RC 02146	12.78	Authorised by existing resource consent
	Cascade mine	RC 160055	186.76	Authorised by existing resource consent
	Denniston - Fairdown coal slurry pipeline route	RC10/70A-H	23.43	Authorised by existing resource consent
	Escarpment mine	RC10/70A-H	153.39	Authorised by existing resource consent
	Area around CSA and Coalbrookdale	-	49.13	This links some of the resource consents and the formed road to Cascade Mine

	Sullivan coal load-out at Waimangaroa	Ancillary Coal Mining Licence 3716104	3.62	Authorised under ancillary coal mining licence
	Sullivan – road seal extension	resource consent number?	2.45	Authorised by existing resource consent
	Sullivan – water slurry pipeline	resource consent RC10/70A-H	10.59	Authorised by existing resource consent
	Sullivan Access Tracks	Ancillary Coal Mining Licence 3716102	22.25	Authorised under ancillary coal mining licence
	Sullivan Coal Mining Licence	Coal Mining Licence 37161	317.35	Authorised under coal mining licence
	Escarpment Mine	resource consent RC10/70A-H	9.30	Authorised by existing resource consent
	Escarpment haul road	resource consent RC10/70A-H	9.08	Authorised by existing resource consent
	Sullivan infrastructure area	resource consent number?	1.92	Authorised by existing resource consent
	Sullivan infrastructure at Denniston	Ancillary Coal Mining Licence 3716101	4.57	Authorised under ancillary coal mining licence
	Escarpment Mine area	resource consent RC10/70A-H	1.30	Authorised by existing resource consent
	Sullivan West and access track	Ancillary Coal Mining Licence 3716103	17.77	Authorised under ancillary coal mining licence
	Sullivan/Escarpment infrastructure	-	0.93	non-consented gaps-
	Sullivan/Escarpment infrastructure	-	0.12	non-consented gaps-
	Sullivan/Escarpment permit	-	4.07	non-consented gaps-

<b>Mineral Extraction Zone</b>				
<b>Location</b>	<b>Type of Activity</b>	<b>Authorisation mechanism</b>	<b>Lawfully Established Mining Area</b>	<b>Comment</b>

Roa Mine Blackball	Mine area including processing/handling/storage/distribution area, site access, ancillary yard and handling/storage/rail loadout facility.	Coal Mining Licences 37168, 34056 and 34066. Ancillary Coal Mining Licence 34056-1. WCRC resource consents RC07102, RC10186, RC11143, RC12062, RC03105, RC08201, RC10194 and RC2019-0111. GDC lease 106462.2.	483.3haha	Established as a Permitted Activity under the existing District Plan. Authorised by West Coast Regional resource consents. Authorised by Coal Mining Licences and Ancillary Coal Mining Licences.
Rajah Mine, Blackball	Mine area including processing/handling/storage/distribution area, site access, ancillary yard and handling/storage/rail loadout facility.	Coal Mining Licences 37168, 34056 and 34066. Ancillary Coal Mining Licence 34056-1. WCRC resource consents RC11143, RC12062, RC08201, RC2014-0013, RC2014-0051, RC2014-0109, RC2014-0123, RC10194, RC2016-0110 and RC2016-0111. GDC LU2502/15	329.5ha	Established as a Permitted Activity under the existing District Plan. Authorised by West Coast Regional and Grey District resource consents. Authorised by Coal Mining Licences and Ancillary Coal Mining Licences



		and LU2528/15. GDC lease 106462.2.		
Echo Mine, Reefton	Mine area including processing/handling/storage/distribution area and site access.	BDC resource consents RC09/52 RC09/54 RC09/68 RC100087 RC110005 RC110057 RC120053 RC120096	467.16ha	Authorised by resource consents
New Creek Mine, New Creek	Mine area including water treatment facility, site access and processing/handling/storage/distribution facility.	BDC resource consents RC120120 RC140030	517.74ha	Authorised by resource consents
Giles Creek Mine Reefton	Coal Mine, processing, storage, handling and loading. Includes existing access to the mine from Mai Mai Road. Gold also recovered as part of the operation.	Coal Mining Licence CML 37120- BDC resource consents- RC96015a RC96015B RC100078 RC100078A RC110051 RC180019	103.99ha - - 235.265ha - - -	Authorised by Coal Mining Licence and existing resource consents
Mai Mai Siding	Coal storage, handling and loading to rail. Includes vehicle access and movements associated with transport of coal. Loading to rail occurs via mobile machinery.	BDC resource consents- RC120080	3.46ha	Established as a Permitted Activity under the existing District Plan-
Reefton Distribution Centre	Coal Handling Facility— coal processing, blending, handling and loading to road and rail. Includes vehicle access.	Ancillary Coal Mining Licence AMCL 37160- 04	3.662 ha	Authorised by Ancillary Coal Mining Licence -
Island Block Mine Reefton	Coal Mine, processing, storage, handling and loading.	Coal Mining Licence CML 37160	654 ha	Authorised by Coal Mining Licence

Grey Valley Distribution Centre, Ikamatua	Coal storage, handling and loading to rail. Includes vehicle access and movements.	BDC Resource Consents- RC050029 RC080045	64.21 ha	Authorised by existing resource consents
Strongman Mine, Rapahoe	Coal Mine, processing, storage, handling and loading.	Coal Mining Licence CML 37159	885.703	Authorised by Coal Mining Licence
Strongman Mine, Access and infrastructure	Strongman Mine access road and associated infrastructure.	Ancillary Coal Mining Licence AMCL 37159-01	49.376ha	Authorised by Ancillary Coal Mining Licence
Strongman East Mine	Open cast coal mine.	GDCI Resource Consent LUC2243/11	-	Authorised by Resource Consent
Rapahoe Coal Yard	Coal Handling Facility—coal processing, blending, handling and loading to road and rail. Includes vehicle access.	Ancillary Coal Mining Licence AMCL 37159-02	11.334ha	Authorised by Ancillary Coal Mining Licence
Rocky Creek Coal Washery	Coal storage, handling, processing, loading to road and rail. Includes vehicle access.	GDC Resource Consents: LUC654/99 LUC2648/17 LUC2696/17	-	Authorised by Resource Consents
Kaiata Yard	Solid fuel storage, handling (loading and unloading) and public sales and associated vehicle movements.	-	-	Existing activity established under GDC Permitted Activity Rules
Kiwi Quarry	Rock quarry.	Resource Consents Minerals Permit 41295	5.824ha	Existing West Coast Regional Council quarry. Authorised by resource consents
Karamea Quarry	Rock quarry.	Resource Consents Minerals Permit 41757	20.234ha	Existing West Coast Regional Council quarry. Authorised by resource consents

Blackball Quarry	Rock quarry.	Minerals Permit 50851	3.616ha	Existing West Coast Regional Council quarry. Established under existing Permitted Activity Rules
Okuru Quarry	Rock quarry.	Resource consents	-	Existing West Coast Regional Council quarry. Authorised by resource consents
BRM Developments lanthe Forest Mine	Mine area including water treatment area and site access.	Minerals Permit 52010 WDC Resource Consent 110105	-	Authorised by resource consents
Birchfields Ross Mine	Mine area including water treatment area and site access.	Minerals Permit 41702 WDC Resource Consent 010044	350.03ha	Authorised by resource consents
R&M Mining Mine Ross Township	Mine area including water treatment area and site access.	WCRC & WDC Resource Consent 2019-0070 MP41784 -	-	Authorised by resource consents
Reefton Restoration Project/ Globe Progress Mine	Restoration of Globe Progress Mine area including process plant and infrastructure, water treatment plant, rock stacks, tailings storage facilities, open pits, access roads	[Formerly Mining Permit 41164] BDG resource consents RC00/43/A – RC00/43/D, RC04/11, RC11/09, RC11/66, RC12/06, RC11/133, RC12/22 -	550ha	Authorised by resource consents

Snowy River Gold Mine	Underground gold mining operation with onsite processing facility and surface infrastructure to support mining operations including workshops, offices, amenities, storage areas, waste rock stack, water treatment plant, core shed, fuel and consumable storage.	Minerals Permit under the CMA <ul style="list-style-type: none"> <li>• MP 60473</li> <li>• EP 60460</li> </ul> WCRG Resource consent RC04017	4518ha -	Authorised by resource consents
Westland Schist Quarry	Quarry area including water treatment area and site access.	Mining Licence 323197	17.629ha	Authorised by Mining Licence
Karamea Lime Quarry	Quarry area	Resource consents	-	Authorised by resource consents

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**SCHED  
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**~~Schedule Ten: Previously Mined Locations in  
the Rural and Open Space and Recreation  
Zones~~**

**~~Te Rārangi Tuangahuru: Ngā Wāhi i te  
Tuawhenua i ngā Wāhi Pōaha Hoki i Keria Kētia  
Āhukahukatia~~**

~~This schedule outlines the locations of previously mined areas subject to Controlled Activity Resource Consent for Mineral Extraction under Rules GRUZ-R18 and OSZ-R19.~~

~~To date no specific sites have been identified. In order to be included within this Schedule sites will need to have been previously mined during the period since 2002. <sup>1</sup>~~

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<sup>1</sup> Brian Anderson (S576.003), Forest & Bird (S560.021) and Lynley Hargreaves (S481.013).

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