

SPZMM

Special Purpose Zone Macraes Mining

DRAFT
WAITAKI DISTRICT PLAN



Waitaki

DISTRICT COUNCIL
TE KAUNIHERA Ā ROHE O WAITAKI

Special Purpose Zone – Macraes Mining

Introduction

The area around Macraes Flat has been mined for gold periodically since the mid 1800's but since 1990 has been subject to ongoing large-scale opencast and underground mining, extracting ore from what is known geologically as the Hyde-Macraes Shear Zone. The Macraes goldmine is the largest in New Zealand and since the commencement of operations over 5 million ounces of gold has been produced. The Special Purpose Zone - Macraes Mining covers approximately 11,200 hectares and is (at the time of writing) in the ownership of Oceana Gold NZ Ltd (OGL), or covered by minerals permits issued by the Government and held by OGL on the date the District Plan was notified.

The zone is divided into two overlays, an “Existing Mining Overlay” and a “Potential Mining Overlay.” The Existing Mining Overlay reflects land that has previously received authorisations for mining-related proposals and has been the subject of disturbance during the excavation of pits, the construction of waste rock stacks, the construction of haul roads and other tracks, the construction of the gold processing plant as well as other ancillary infrastructure, and underground mining. Land that has been rehabilitated is farmed under lease and there are a number of covenants that have been put in place elsewhere, as a means to offset the loss of indigenous vegetation and habitat considered to be of value.

The Potential Mining Overlay is the remaining land within the Zone that has not been mined. It may be pursued in the future depending on the results of detailed prospecting or exploration, and an assessment of financial feasibility (which relates to matters such as gold price and haulage costs). The predominant current land use in the Potential Mining Overlay area is extensive pastoralism, again, under lease. There are early mining features with historic heritage values within this overlay as well as areas of indigenous vegetation and habitat for indigenous fauna which are likely to be of considerable value.

Objectives

SPZMM-O1 Purpose of the Special Purpose Zone – Macraes Mining

The economic, cultural and social benefits of accessing the significant mineral resource in the Hyde-Macraes Shear Zone are recognised and the continuation of mining is provided for while ensuring any actual or potential adverse effects on the environment from mining activities are avoided, remedied, or mitigated.

Policies

SPZMM-P1 Existing Mining Overlay

Identify an Existing Mining Overlay within the Special Purpose Zone – Macraes Mining to recognise existing mining is occurring where authorised by way of past resource consents for mining-related activities, and control any new mining activities to:

1. maintain any indigenous biodiversity values present due to previous avoidance or mitigation measures; and
2. avoid, remedy or mitigate the effects of noise, vibration, access and lighting on amenity values in the adjacent General Rural Zone.

SPZMM-P2 Potential Mining Overlay

Identify a Potential Mining Overlay within the Special Purpose Zone – Macraes Mining which recognises that mining has not previously occurred in the Overlay area but which may be appropriate for mining activities, provided mining activities:

1. avoid, remedy or mitigate the adverse effects from noise, vibration, lighting, or from traffic on amenity values in the adjacent General Rural Zone; and
2. avoid, remedy or mitigate any adverse effects on the landscape values of the surrounding area, taking into account both landscape character and visual effects; and
3. do not compromise the identified characteristics and values of any sensitive environment and achieve the relevant objectives and policies for the sensitive environment; and
4. achieve the objectives and policies contained in the relevant district-wide chapters.

SPZMM-P3 Rehabilitation after mining

Require any new mining and quarrying activities to demonstrate how the site will be rehabilitated, having particular regard to:

1. objectives, measures and timescales for rehabilitation; and
2. how the landforms will be shaped and revegetated consistent with the natural character of the locality prior to disturbance; and
3. how the previous vegetation type being removed by land disturbance will be replaced; and

4. how the direct transfer of soil and associated vegetation from areas being disturbed to areas being rehabilitated will be undertaken, where the opportunity arises; and
5. how topsoil for growing conditions will be provided where direct transfer is not possible; and
6. how vegetation will be established, whether by direct planting, or from the broadcasting of seed; and
7. how the vegetation cover will be maintained, including, as necessary, the use of fertilisers and other inputs as well as providing weed and pest control; and
8. measures to ensure that exposed overburden containing soil or fines is covered or revegetated as soon as practicable, to prevent the generation of dust, soil erosion and sediment transport.

SPZMM-P4 Exploration in the Potential Mining Overlay

Recognise the need to investigate the gold resource through exploration in the Potential Mining Overlay, while controlling the activity to:

1. avoid, remedy or mitigate the actual or potential adverse effects on amenity values in the adjacent General Rural Zone; and
2. requiring rehabilitation of the disturbed ground.

SPZMM-P5 Primary production, Recreation and Residential Activities

Enabling primary production, recreation and residential activities where these are consistent with the purpose, character and qualities of the General Rural Zone.

SPZMM-P6 Tree Planting

Enable tree planting where:

1. the potential for shading of any road for traffic safety reasons is minimised; and
2. plantings are adequately set back from other neighbouring properties to reduce the potential for impact on neighbours use of land; and
3. plantings are adequately set back from neighbouring dwellings to ensure residential amenity is maintained.

Rules

Note: For certain activities, a resource consent may be required by rules in more than one chapter in the District Plan. Unless expressly stated otherwise by a rule, resource consent is required under each of those rules. The steps to determine the status of an activity are set out in the General Approach Chapter.

PERMITTED ACTIVITIES

SPZMM-R1 Prospecting		
Special Purpose Zone - Macraes Mining	Activity status: Permitted	Activity status when compliance is not achieved: Not Applicable
SPZMM-R2 Exploration		
Special Purpose Zone - Macraes Mining – Existing Mining Overlay	Activity status: Permitted	Activity status when compliance is not achieved: Not Applicable
SPZMM-R3 Primary production activities (excluding mining, quarrying activities, intensive indoor primary production, and intensive outdoor primary production)		
Special Purpose Zone - Macraes Mining	Activity status: Permitted Where: PER-1 The activity does not involve the farming of goats, thar, chamois or fitch.	Activity status when compliance is not achieved: Restricted Discretionary Where: RDIS-1 Compliance is not achieved with PER-1 Matters of discretion are restricted to: 1. the matters of discretion of any infringed standard.

SPZMM-R4 Residential activity		
Special Purpose Zone - Macraes Mining	<p>Activity status: Permitted</p>	<p>Activity status when compliance is not achieved: Restricted Discretionary</p> <p>Where: RDIS-1 Compliance is not achieved with PER-1</p> <p>Matters of discretion are restricted to:</p> <ol style="list-style-type: none"> 1. the matters of discretion of any infringed standard.
SPZMM-R5 Residential unit		
Special Purpose Zone - Macraes Mining	<p>Activity status: Permitted</p> <p>Where: PER-1 GRUZ-S1 is complied with.</p>	<p>Activity status when compliance is not achieved: Non-complying</p> <p>Where: NC-1 Compliance is not achieved with PER-1</p>
SPZMM-R6 Recreational activity		
Special Purpose Zone - Macraes Mining	<p>Activity status: Permitted</p>	<p>Activity status when compliance is not achieved: Not applicable</p>
SPZMM-R7 Tree Planting		
Special Purpose Zone - Macraes Mining	<p>Activity status: Permitted</p> <p>Where: PER-1 SPZMM-S1 is complied with; and</p> <p>PER-2 Tree planting does not involve any wilding conifers, which includes those species listed in SPZMM-APP1: Wilding Conifer Species.</p>	<p>Activity status when compliance is not achieved: Restricted Discretionary</p> <p>Where: RDIS-1 Compliance is not achieved with PER-1</p> <p>Matters of discretion are restricted to:</p> <ol style="list-style-type: none"> 1. the matters of discretion of any infringed standard.

		<p>Activity status when compliance is not achieved: Non-Complying</p> <p>Where: NC-1 Compliance is not achieved with PER-2</p>
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SPAMM-R8 Building activity		
<p>Special Purpose Zone - Macraes Mining</p>	<p>Activity status: Permitted</p> <p>Where: PER-1 GRUZ-S2 – GRUZ-S6 are complied with.</p> <p><i>Notes:</i> a) NH-R13 applies to buildings containing habitable rooms near potential wildfire risk areas b) NATC-R1 applies to structures within a riparian margin</p>	<p>Activity status when compliance is not achieved: Restricted Discretionary</p> <p>Where: RDIS-1 Compliance is not achieved with PER-1</p> <p>Matters of discretion are restricted to: 1. the matters of discretion of any infringed standard.</p>

CONTROLLED ACTIVITIES

SPZMM-R9 Exploration		
<p>Special Purpose Zone – Macraes Mining - Potential Mining Overlay</p>	<p>Activity status: Controlled</p> <p>Matters of control are restricted to:</p> <ol style="list-style-type: none"> 1. the duration, timing, frequency, extent and staging of works; and 2. the generation of noise, vibration, lighting and traffic; and 3. disturbance to land, including vegetation clearance; and 4. siting of tracks, parking areas, buildings or other equipment; and 5. the matters addressed in the content of the rehabilitation plan. <p><i>Note: <u>Section 88 Information Requirements for Applications:</u> Pursuant to s88 of the RMA, any applications for activities under this</i></p>	<p>Activity status when compliance is not achieved: Not Applicable</p>

	<i>rule must provide, in addition to the standard information requirements, a rehabilitation plan.</i>	
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SPZMM-R10 Mining Activities		
Special Purpose Zone – Macraes Mining - Existing Mining Overlay	<p>Activity status: Controlled</p> <p>Matters of control are restricted to:</p> <ol style="list-style-type: none"> 1. the duration, timing, frequency, extent and staging of works; and 2. the generation of noise, vibration, lighting and traffic; and 3. disturbance to land, including vegetation clearance and volumes of material to be removed in relation to the consequential size of any waste rock stacks; and 4. siting of buildings, infrastructure, or other equipment, including plant required to process minerals; and 5. landscaping treatment, including the shaping of the pits and pit margins, the siting and shaping of waste rock stacks and embankments, tailings impoundments, any other dams and the siting of roads and tracks; and 6. measures to manage long-term structural stability, environmental integrity, and safety of the pits, pit margins, waste rock stacks and embankments, tailings impoundments and any other dams, roads and private tracks; and 7. measures to maintain indigenous biodiversity; and 8. the matters addressed in the content of the rehabilitation plan. <p><i>Note: <u>Section 88 Information Requirements for Applications:</u> Pursuant to s88 of the RMA, any applications for activities under this rule must provide, in addition to the</i></p>	<p>Activity status when compliance is not achieved: Not Applicable</p>

	<i>standard information requirements, a rehabilitation plan.</i>	
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RESTRICTED DISCRETIONARY ACTIVITIES

SPZMM-R11 Mining Activities		
<p>Special Purpose Zone - Macraes Mining – Potential Mining Overlay</p>	<p>Activity status: Restricted Discretionary</p> <p>Matters of discretion are restricted to:</p> <ol style="list-style-type: none"> 1. the duration, extent, location and staging of the excavation and construction of pits, pit margins, waste rock stacks and embankments, tailings impoundments and any other dams, roads, buildings and tracks associated with mining; and 2. the generation of noise, vibration, lighting and traffic; and 3. the location of plant used to process any mineral; and 4. landscaping treatment, including the siting and shaping of the pits, pit margins, waste rock stacks and embankments, tailings impoundments and any other dams, and the siting of roads and tracks; and 5. measures to manage long-term structural stability, environmental integrity, and safety of the pits, pit margins, waste rock stacks and embankments, tailings impoundments and any other dams, roads and tracks; and 6. the matters addressed in the content of the rehabilitation plan. <p><i>Note: <u>Section 88 Information Requirements for Applications:</u></i></p> <p><i>Pursuant to s88 of the RMA, any applications for activities under this rule must provide, in addition to the</i></p>	<p>Activity status when compliance is not achieved: Not Applicable</p>

	<i>standard information requirements, a rehabilitation plan.</i>	
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DISCRETIONARY ACTIVITIES

SPZMM-R12	Any activity not provided for as a permitted, controlled, or a restricted discretionary activity	
Special Purpose Zone - Macraes Mining	Activity status: Discretionary	Activity status when compliance is not achieved: Not Applicable

SPZMM STANDARDS

SPZMM-S1	Tree planting setbacks
<ol style="list-style-type: none"> 1. Tree planting must not occur in a location such that when a tree grows it shades a paved public road between 10:00am and 2:00pm on the shortest day of the year, except where topography already causes shading; and 2. tree planting must not occur in a location such that when a tree grows it interferes with existing power poles, power lines, or any underground piping; and 3. tree planting must not occur within 10m of the boundary of an adjoining property that is not owned by the owner of the tree, unless the written approval of the adjoining property owner is obtained and provided to WDC in writing; and 4. tree planting must not occur within the greater of: <ol style="list-style-type: none"> a) 40m of a dwelling; or b) at a distance where the tree species, when fully grown, would shade a dwelling between 10:00am and 2:00pm on the shortest day of the year, except where topography already causes shading. 	<p>Matters of discretion where compliance is not met:</p> <ol style="list-style-type: none"> 1. the potential for icing and effects on traffic safety; and 2. the potential for trees, including tree roots, affecting nearby utilities; and 3. effects on neighbouring land near the property boundary, including effects on fencing, shading and associated vegetation growth, and impacts on outlook; and 4. effects on occupants of a neighbouring dwelling, including outlook, shading and sense of enclosure; and 5. the extent to which the reduction in the setback is necessary due to the natural and physical features of the site and the ability to mitigate adverse effects.

SPZMM-APP1: Wilding Conifer Species List

Lodgepole pine (*Pinus contorta*)

Scots pine (*Pinus sylvestris*)

Corsican pine (*Pinus nigra*)

Dwarf mountain pine (*Pinus uncinata*)

Mountain pine (*Pinus mugo*)

Douglas fir (*Pseudotsuga menziesii*)

All larches (*Larix species*)