

# Gold and Green Resources Limited

126 Jollie Street

P.O.Box 11

HOKITIKA 7842

Ph/fax 03 7557412

wood.john@clear.net.nz

30 May 2016

Westland District Council  
Private Bag 704  
HOKITIKA 7842

Attn: Rebecca Beaumont

Dear Rebecca

**Resource Consent : Phoenix Mining Limited - MP 52365 Waimea**

Please find enclosed an application for a land use to extend the current mining on the above permit.

The mining is undertaken in two ways on the site. Firstly there is a land based gold recovery unit located on the south side of the isolated hill (shown on the plan) which screens it visually and audibly from the Stafford township and is also not visible from the subdivision to the south. Auriferous gravels are dug using a hydraulic excavator and loaded onto a 40 tonne dump truck and transported to the screen where the material is screened. The tailings are later loaded onto the truck and transported back to the mine pit to backfill it. Mining for this plant will start on the top of the hill and progress from west to east.

The second and main operation will employ a floating screen. Here the topsoil and overburden is pre-stripped and stock piled adjacent to the mine pond. Once the pond is dug and the screen floated it is fed by an excavator and as it advances the tailings are stacked behind it later to be levelled and then covered with the overburden and topsoil to rehabilitate the land to pasture. During the stripping phase both dump trucks are used to undertake the work and so the land based plant does not operate. It only works when there is a dump truck available to haul wash gravels to the plant. Mining using the floating screen will move in the direction shown by the arrows on the plan south of the Wheel of Fortune pond, mining an approximately 60 metre wide strip before turning and returning to the starting area and then proceeding east through the native vegetation to be cleared south of the old workings shown on the plan. Because the plant is located in a pond some 6 metres below surface level the noise emanating from it is much reduced with only a single excavator and the plant operating to tailings dropping into the pond which suppresses the noise that is generated when they drop directly onto rocks all the time.

Currently 6 -7 people are working on site. There are 4 excavators from 20 to 40 tonne capacity, one floating screen (1.3 metre trommel) and one land based screen ( 1.5 metre trommel), two forty tonne articulated dump trucks and two pumps for water reticulation. Three 4WD utility vehicles transport staff to and from site to work and a mobile 500 litre fuel is used to refill the earthmoving vehicles on site. This is filled from a 5,000 litre double skinned fuel tank which is kept close to the milking parlour where the fuel company tanker has ready safe access to refill it periodically.

Access to the site is from Stafford Loop Road using the existing road to the milking shed



shown on the plan. Note consent to mine the area highlighted in red is being sought. The Wheel of Fortune pond area and surrounding vegetation is excluded except for the southern corner which was clear of vegetation and is where the container and caravan are located but the pond is being used as both a source of water and a settling pond. Water exits the Wheel of Fortune pond via the existing drain to secondary settling ponds located adjacent to the gravel pit which is located on the original Wheel of Fortune tailings. From here excess clean water enters Waimea Creek via the farm drains that can be seen on the plan.

We will arrange for the application deposit to be paid by direct credit once the Council generates the invoice. Copies of the application are being sent to the neighbours identified in the application for their affected party approval.

Yours sincerely

A handwritten signature in black ink, appearing to read 'John Wood', written in a cursive style.

John Wood



Westland District Council  
36 Weld Street  
Private Bag 704  
HOKITIKA 7842  
☎ 03 756 9010  
Fax: 03 756 9045

# **Resource Consent Application Form and Assessment of Environmental Effects (Land Use Mining)**

Please note this application form is for mining. If you wish to subdivide or apply for other land use consents, please use the appropriate forms. Council officers can help you determine which consents are required.

All actual and reasonable costs incurred by the Council will be charged to the applicant at the conclusion of the processing of the application. A full record will be kept of all expenses incurred in processing applications.

Please note, further information can be given on additional pages if need be.

Applications for resource consents are public documents and information within this application may be supplied to members of the public.

Further information about this process is available on our website, at Westland District Council offices, by calling Council on 756 9010, or emailing [planning@westlanddc.govt.nz](mailto:planning@westlanddc.govt.nz)

Updated March 2015

# Resource Consent Application Form (under the Resource Management Act 1991)

Full name/s of applicant/s ..... Phoenix Mining Limited .....

[Note: An application can be made in the name of an individual/ couple/partnership/business, etc.]

Applicant's Address for service: 4- Business ☎: 037557412

Gold and Green Resources Ltd Private ☎: .....

P.O Box 11 Haerenga Fax: 037557412

Email: wood.john@clear.net.nz

[Note: This is the address Council will communicate with.]

Property owner's name: (if not the applicant) Business ☎: 037557308

G + SR Thompson Family Trust Private ☎: .....

..... Fax: .....

Email: .....

Location of activity and/or property address: Map Reference (if relevant)

Mining Permit 52365 NZMS 260: N2T6015 B418

e.g. (1:50,000) 420743

..... CT No.: 330476

Legal description of site: Lot 3 DP 382658

(From rates notice, valuation notice or Certificate of Title.)

Please note that the descriptions listed above must contain all activities associated with mining, including stockpiles, settling ponds and storage sites, even if this is on land already subject to a resource consent.

# QuickMap Title Details



Information last updated as at 07 May 2016

## COMPUTER FREEHOLD REGISTER DERIVED FROM LAND INFORMATION NEW ZEALAND

**Identifier** 330476  
**Land Registration District** Westland  
**Date Issued** 29 June 2007

### Prior References

319769

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<b>Type</b>	Fee Simple
<b>Area</b>	151.3930 hectares more or less
<b>Legal Description</b>	Lot 3 Deposited Plan 382658

### Proprietors

Thompson Farms Trustee Nominee Limited, Garry Newton Thompson and Shirley Ruth Thompson

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Subject to Section 8 Atomic Energy Act 1945

Subject to Section 261 Coal Mines Act 1979

Subject to Section 6 and 8 Mining Act 1971

Subject to Section 3 Geothermal Energy Act 1953

Subject to Section 5 Coal Mines Act 1979

Subject to Part IV A Conservation Act 1987

Subject to Section 3 Petroleum Act 1937

8922386.3 Mortgage to PGG Wrightson Finance Limited - 30.11.2011 at 3:02 pm

Subject to a right of way over part marked A on DP 330476 created by Easement Instrument 8969069.1 - 25.1.2012 at 3:13 pm

*The information provided on this report forms a guideline only. As a result, Custom Software Limited cannot and does not provide any warranties or assurances of any kind in relation to the accuracy of the information provided through this report, the Site and Service. Custom Software Limited will not be liable for any claims in relation to the content of this report, the site and this service.*

**National Environmental Standard for Assessing Contaminants in Soil to Protect Human Health (NES):** Please complete and sign form RC001 (attached to the back of this form) or provide a statement that no activity associated with MFE's Hazardous Activities and Industries list has been undertaken on site in accordance with the National Environmental Standard for Managing Contaminants in Soil to Protect Human Health.

NO ACTIVITY ASSOCIATED WITH MFE'S HAZARDOUS ACTIVITIES AND INDUSTRIES HAS BEEN UNDERTAKEN ON SITE BUT IT HAS BEEN SUBJECT TO ALLUVAL GOLD MINING WHICH IS ESSENTIALLY GRAVEL EXTRACTION AND EXEMPTED ON THE LIST HOWEVER SETTLING PONDS ARE USED TO CONTAIN FINE SOLIDS THAT MAY OTHERWISE ENTER WATERWAYS. I

Do you hold any consents for this activity?

Yes ☒ No ☐

If yes, will these require variation or cancellation?

Yes ☐ No ☒

Do you require additional resource consents from the West Coast Regional Council in relation to this proposal, e.g., for mining, discharge or diversion?

No ☒ Yes ☐

If yes, have these consents been applied for?

No ☐ Yes ☐

What consent is being sought from the Regional Council... RC 10253 ALREADY ISSUED...

If one or both of these consent proceed to limited or public notification, do you wish these consents to be processed together?

No ☐ Yes ☐ N/A

### PERMIT INFORMATION

Have you applied for a Crown Minerals Permit? No ☐ Yes ☒

If yes, what term has been granted? ..... PERMIT EXPIRES 2030 .....

What is your Crown Minerals Permit Number? ..... MP 52365 .....

Does this application seek to mine the entirety of the permit? No ☒ Yes ☐

If not, please ensure that areas that are proposed to be mined are clearly depicted on the plan.

### MINING OF LEGAL ROAD

Does this application seek to mine any sections of Legal Road? No ☒ Yes ☐

If so, does this application also constitute an application for Local Government Act approval? No ☐ Yes ☐

Is the part of the road proposed to be mined formed as an access? No ☐ Yes ☐

If yes, please indicate the alternative access provided during the time of mining of the road and the standard that the road will be rehabilitated to at the completion of mining.

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*Please note that Local Government Act approval will be issued separately to any resource consent and may contain additional conditions separate to any resource consent, such as conditions relating to payment of royalties, provision of temporary roading, or reinstatement.*

## CHECKLIST OF DOCUMENTS

### Have you remembered to?

- ☒ Attach a completed Assessment of Environmental Effects
- ☒ Attach a copy of current Certificate of Title for the site
- ☐ Or, Council can search a copy of the title for you (at a cost of \$10 per title) ☐
- ☒ A site plan including all the information requested on page 8 of this application.
- ☒ Supply an aerial photograph (*if relevant*)
- ☐ Attach affected party approval forms (*if obtained*)
- ☐ Enclose the deposit. (note that this is a deposit and full cost recovery will occur with any additional amount invoiced upon issuing of the decision) .
- ☐ Indicate if you wish to view draft consent conditions prior to the issuing of the consent decision. By ticking this box, you agree to the extension of processing times under section 37 of the Resource Management Act for the specific time period in which these are viewed and any comments made. Any further use of section 37 will require additional discussion.
- ☒ I hereby certify that, to the best of my knowledge and belief, the information given in this application and the accompanying Assessment of Environmental Effects is true and correct. I undertake to pay all actual and reasonable application costs incurred by Westland District Council.
- ☒ I understand that information provided within this application may be supplied to members of the public

Signature of applicant: .....

Date: 19.5.2016

(or person authorised to sign on behalf of applicant)

Name:(in BLOCK CAPITALS) ..... JOHN WILLIAM WOOD .....



# MP 52365 Stafford

Created By: anonymous  
Print Date: 25/05/2016  
Print Time: 2:24 PM



Scale: 1:7500  
Original Sheet Size A3

Projection: NZGD49 / New Zealand Map Grid  
Bounds: 2350943,34130256,5835107,70686292  
2353906,01157784,5836907,53401608

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The information shown on this plan may not be accurate and is indicative only.  
The Westland District Council accepts no responsibility for incomplete or inaccurate information.

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# Land Use Activities

## Assessment of Environmental Effects

Please answer all questions fully. You can discuss your application with Council officers before completing this form or seek expert advice.

Please note: Your proposed activity could have a range of effects (both positive and negative, temporary and permanent) on the environment. Completing this form will help you to identify the effects.

'Effects on the environment' means: any effects on the surrounding area and includes possible effects on people, plants and animals.

### PROPOSED ACTIVITY

1. Please specify the area, in hectares, that will be subject to mining and associated activities

60 hectares

2. Please explain the mining method proposed: please include how many vehicles and what type will be used

MINING WILL BE BY HYDRAULIC EXCAVATORS WHICH WILL FEED  
EITHER DUMP TRUCKS OR DIRECTLY TO FLOATING SCREEN  
(SEE ATTACHED)

3. What are the proposed hours of operation? Please differentiate between winter and summer if applicable, and state if some time will be utilised for maintenance only

7am - 6pm MONDAY - FRIDAY

7am - 1pm SATURDAY

4. What is the proposed duration of the mining?

5 YEARS

5. Will it be necessary to run any machinery for 24 hours (eg water pumps)?

No

6. Describe the topography of the site and whether this will be altered during and after mining is completed.

ONE ISOLATED HILL WITH STEEP SIDES JUST  
WEST OF SITE SERIES OF TERRACES SLOPING NORTH  
TO WAIMBA CREEK

7. How deep is the resource to be? Does this vary across the site?

ON SOUTHERN BOUNDARY OF AREA 16m+ IN  
CENTRAL PART UP TO 12m AND ON HILL DOWN  
6-7m DEEP

8. Is a batter strip or setback proposed from adjoining boundaries or roads? Please specify what these will be? Please refer to your site plan which should indicate any road, property boundaries and setbacks proposed.

10m SETBACK FROM STAFFORD LOOP ROAD

NO SET BACK PROPOSED FROM LEGAL ROAD  
(UNFORMED) ADJACENT TO WAIMBA CREEK

9. Please discuss whether the mining will affect stability or erosion of land and if mining methods will be used to reduce these potential effects.

MINING TO DATE HAS SHOWN THE GRAVEL  
ARE WELL SUPPORTED AND NOT PRONE TO SLUMPING.  
WHERE EXCAVATION EXCEEDS 8m BENCHES WILL  
BE PUT IN AT 8m INTERVALS

10. Please describe any permitted activities (if applicable) that form part of this proposal. These may be integral to the new activity but do not require resource consent.

TRENCHING MAY BE CARRIED OUT TO CONFIRM DEPTHS  
AND GRADES PRIOR TO MINING

### LANDSCAPE & AMENITY

11. Please describe the site. What is the site currently being used for?

MINING AND DAIRY FARMING. MUCH OF THE LAND HAS  
BEEN HUMPED AND HOLLOWED OR PREVIOUSLY MINED. PRIMARILY  
GRAZING PADDocks AND A LARGE LONN (WHEEL OF FORTUNE) SITS  
IN THE MIDDLE OF THE AREA

12. Describe the surrounding area with reference to the closest occupied sites.

SUBDIVISION TO SOUTH ON A TERRACE ABOVE  
THE PROPOSED MINING SITE. TOWNSHIP OF STAFFORD TO THE  
NORTH EAST BUT SEPARATED FROM SITE BY HILL. INDICANON  
FOREST TO SOUTH AND EXOTIC FOREST TO THE EAST

13. How will rehabilitation of the sites be undertaken and over what time period will this occur?

PROGRESSIVELY BY BACKFILLING MINED AREAS WITH  
TAILINGS AND OVERBURDEN AND THEN SPREADING TOPSOIL  
AND LEVELLING AND PLANTING WITH PADDock GRASSES  
FOR GRAZING CATTLE

14. Will the mining activities be visible from other sites?

YES WHEN WORKING IN THE WEST OF THE AREA

YES ABOUT 20% OF THE SITE IS SCREENED BY TOPOGRAPHY EXCAT. FROM SITE ON BALWAT RISE

15. Is any natural screening in place, or is any proposed?

THE ISOLATED HILL SCREENS THE SITE FROM STAFFORD

16. Will any buildings be needed on site? Where will these be located and will they be removed at the completion of mining?

NONE OTHER THAN A CONTAINER FOR STORAGE OF SPARES AND LUBRICANTS AND ALSO A PLACE TO SIGN INTO THE SITE FOR HEALTH AND SAFETY RECORDS WHICH IS A CARAVAN

#### ACCESS & TRAFFIC MOVEMENTS

What are the proposed vehicle movements to and from the site each day?

6 MOVEMENTS BY 4WD UTILITY VEHICLES BRINGING STAFF TO AND FROM SITE TO WORK

Are the accessways or roads used to access the mine site existing or proposed to be formed?

EXISTING ROAD ACCESS FROM STAFFORD LOOP ROAD TO MICHAM SHED AND GRAVEL PIT

If the access is off the State Highway, it is likely that Council will find NZTA affected and you are encouraged to consult and obtain NZTA approval prior to lodgement.

## ARCHAEOLOGICAL & HERITAGE

Please list any heritage features on site that are listed in the District Plan, or listed by the New Zealand Archaeological Association as an archaeological site (available on <http://nzaa.eaglelegis.co.nz/NZAAPublic/>). If there are heritage features on site, it is likely that the approval of the New Zealand Historic Places Trust will be required. Similarly, an archaeological assessment will be required to understand the effects on the heritage values.

ARCHAEOLOGICAL ASSESSMENT OF WHEEL OF FORTUNE  
SITE COMPLETED BY KATHARINE WATSON NZHPT  
CONSENT 2008/154 USED TO LANDMARK TO MODERN SITE

Please discuss any mitigation measures in relation to heritage values on site (ie, exclusion areas, or documentation approving the modification of a heritage item)

THE WHEEL OF FORTUNE SITE IS BEING USED AS A  
SOURCE OF WATER AND SETTLING POND WITH THE VEGETATION  
LEFT IN TACT EXCEPT AT SOUTHERN CORNER

## NOISE

The noise limits within the rural zone are:

<p><b>Noise</b> (all activities except forestry, and agricultural activities)</p> <ul style="list-style-type: none"> <li>0700 - 2100 hrs Mon - Fri</li> <li>0700 - 1800 hrs Saturday</li> </ul>	<p>55dBA L<sub>10</sub> at any point within the notional boundary of a residential activity</p>
<ul style="list-style-type: none"> <li>all other times including public holidays</li> </ul>	<p>45dBA L<sub>10</sub> at any point within the notional boundary of a residential activity</p>

If your proposal is sited in the vicinity of residential allotments, it is likely that a noise assessment by a suitably qualified person will be required to be provided. It is expected that this assessment

will address the noise generated by the activity, and make an assessment of who may be affected by the proposal.

Will your proposed activity produce any noise that will be heard at the boundary of the site?

Please describe potential noise effects caused by the activity, and any measures proposed to reduce these:

IT IS POSSIBLE BUT THE EQUIPMENT TO BE USED HAS BEEN WORKING ON SITE FOR THE PAST 6 MONTHS WITH NO NOISE COMPLAINTS BELIEVED TO HAVE BEEN MADE. THE DUMP TRUCKS ARE SPECIALLY MUFFLED TO REDUCE NOISE AND THE WORKINGS ARE AT DIRT IN PITS WHICH REDUCES NOISE SIGNIFICANTLY

#### HAZARDOUS SUBSTANCES AND CONTAMINANTS

Will refuelling occur on site? What methods will be used to ensure substances do not enter waterways or the ground?

FUEL IS STORED AT THE MILKING PARLOUR IN A FUEL CONTAINER SUPPLIED DOUBLE SKINNED TANK. FROM THIS A MOBILE TANKER IS FILLED AND USED TO REFUEL EQUIPMENT ON SITE. FUEL SPILL KITS ARE KEPT ON SITE TO DEAL WITH ANY POSSIBLE SPILLAGE

Will any other hazardous substances be stored or used on site? If so, please describe any effects on the environment and how this will be managed:

OILS AND LUBRICANTS KEPT IN THE CONTAINER ON SITE

## EFFECT ON WATERBODIES AND RIPARIAN MARGINS

Will the mining occur adjacent to or in the vicinity of waterbodies?

No ☐ Yes ☒

If yes, will any riparian margins be retained? What distance will the closest mining activity be from the waterway? Please indicate these on the site plan. 20m AWAY (THE LEGAL ROAD STRIP ON THE SOUTH SIDE OF WAIMBA CREEK)  
How will the effects on the waterway be managed?

By NOT ENTERING THE LEGAL ROAD STRIP A NATURAL CHAN (20.12m) STRIP WILL BE MAINTAINED BETWEEN WORKINGS OF VALLEY FLOOR AND WAIMBA CREEK. ALL OTHER DISCHARGED WATER WILL BE FROM SETTLING PONDS

Will natural drainage of the surrounding area be affected?

No, DRAINAGE IS TO WHEEL OF FORTUNE BND AND FROM THERE TO FURTHER SETTLING PONDS AT GRAVEL PIT AND THEN ON TO WAIMBA CREEK. DRAINAGE FROM PLATTY WOMANS END(S) OF THE PROPERTY NOT PART OF THIS PROPOSAL AND WILL CONTINUE TO DRAIN DIRECT TO WAIMBA CREEK UNAFFECTED BY THE PROPOSAL

## SITE PLAN

Please enclose a site plan which depicts the proposed mining.

Please show the area that are proposed to be mined, the areas that will not be disturbed, the access to the site, the location of the screen(s), the location and size of any stockpiles and settling ponds, and define any setbacks from boundaries and buffer zones.

On the same plan, or a different sheet, please show any waterways, areas of indigenous vegetation, dwellings, or items of interest such as archaeological sites.



Please provide an assessment of the proposed activity against the relevant provisions of:

- National Environmental Standards
- Other regulations
- National Policy Statements
- New Zealand Coastal Policy Statement
- Regional Policy Statement or proposed Regional Policy Statement
- Plan or proposed plan

Please pay particular attention to the Objectives and Policies which are set out in Parts 3 & 4 of the Westland District Plan, and also the rules relating to this application. The Westland District Plan is available on our website at [www.westlanddc.govt.nz](http://www.westlanddc.govt.nz).

THE NEW DRAFT REGIONAL POLICY STATEMENT ENCOURAGES DEVELOPMENT OF NATURAL RESOURCES IN AREAS SUCH AS THIS WHICH DOES NOT CONTAIN SIGNIFICANT NATURAL VALUES BY PROVIDING EMPLOYMENT TO SUSTAIN THE LOCAL COMMUNITY IT IS MEETING THE OBJECTIVES OF THE DISTRICT PLAN. IT IS PROTECTING THE ADJACENT COAST THROUGH MAINTAINING A BUFFER WHILE EXTRACTING THE GOLD RESOURCE. IN ADDITION THE LAND IS BEING REDEVELOPED FOR FUTURE AGRICULTURE. THERE WILL BE A SMALL VISUAL IMPACT ON THE LANDSCAPE FOR A PERIOD OF UP TO 5 YEARS AS THE LAND IS MINED AND REHABILITATED, BUT THE GOLD CAN ONLY BE MINED WHEN THE PRICE IS HIGH ENOUGH TO GENERATE ECONOMIC RETURNS TO BENEFIT THE LOCAL COMMUNITY ESPECIALLY WHEN THE OTHER LAND USE OF THE PROPERTY IS AT VERY LOW LEVELS.

## EFFECTS ON THE ENVIRONMENT (POSITIVE OR NEGATIVE)

Will your proposed activity have any social or economic effects on people, including yourself as applicant? (e.g., employment)?

Yes ☒ No ☐

Will there be any new signage erected either off-site or on-site?

Yes ☐ No ☒

Will there be any property shading of neighbours or any impact on the privacy of neighbours?

Yes ☐ No ☒

Will the proposed activity alter the current use of the land?

Yes ☐ No ☒

Will additional parking off site be required?

Yes ☐ No ☒

Will there be increased traffic movements because of your proposal?

Yes ☐ No ☒

Will there be any lighting effects or glare created off site?

Yes ☐ No ☒

Will there be any generation of wastes by the proposed activity?

Yes ☒ No ☐

Will your proposed activity have any impact on the recreational use of the area?

Yes ☐ No ☒

## Assessment against Part Two of the Resource Management Act 1991

Will your proposed activity have any impact on the coastal environment?

Yes ☐ No ☒

Will your proposed activity have any effect on the surrounding landscape or the visual amenity (views)?

Yes ☒ No ☐

Will your proposal have any impact on indigenous vegetation or habitat (e.g., forest, wetland)?

Yes ☒ No ☐

Will your proposal limit public access to the coastal environment, lakes, or rivers?

Yes ☐ No ☒

Will there be any activity on the surface of water bodies (rivers and lakes)?

Yes ☐ No ☒

Will your proposal have any impact on indigenous wildlife (birds, animals, fish, etc)?

Yes ☐ No ☒

Will your proposed activity have any effect on historical or cultural value?

Yes ☐ No ☒

If you have ticked yes to any of the above questions then please describe the effects for any of the boxes you have ticked:

THE PROJECT WILL GENERATE ONGOING EMPLOYMENT IN THE LOCAL COMMUNITY FOR THE NEXT FEW YEARS WITH 6-8 PEOPLE EMPLOYED. IT WILL PROVIDE AN ADDITIONAL INCOME STREAM TO THE LAND OWNERS AT A TIME OF DECREASED DAIRY PRICES.

NEW SIGNAGE NOT REQUIRED. ALREADY PRESENT UNDER WORKSAFE LEGISLATION FOR MINE SITES.

CURRENT USE OF LAND IS PRIMARILY PASTURE AND IT WILL BE RETURNED TO THIS POST MINING.

WASTE WILL BE GENERATED IN THE FORM OF CONSUMABLES CONTAINERS FOR GREASE AND LUBRICANTS, WORN OUT PARTS FROM MACHINERY ETC. THESE WILL BE STORED ON SITE FOR DISPOSAL AT AN APPROPRIATE OFF SITE FACILITY.

THE MINING OPERATION WILL BE VISIBLE FROM SOME SITES ON THE BALLARAT RISE SUBDIVISION FOR SOME OF THE TIME AS MINING MOVES TO THE WEST OF THE AREA. NO SCREENING IS PROPOSED BECAUSE THE LIMITED PERIOD OVER WHICH MINING WILL OCCUR WOULD BE INSUFFICIENT TO GROW TREES TO SCREEN THE MINING.

A 3 HECTARE STRIP OF INDIGENOUS VEGETATION ADJACENT TO FARMER MINING OPERATIONS IS INCLUDED IN THE APPLICATION AREA BUT A BUFFER OF 100M OF NATIVE VEGETATION WILL BE LEFT BETWEEN THIS AND THE SECTION IN THE SUBDIVISION.

THE MAN MADE WHEEL OF FORTUNE POND WILL BE USED AS A SOURCE OF WATER AND SETTLING POND.

THERE IS ALREADY MINING ON THE SITE AND THE SAME EQUIPMENT WILL BE USED SO THERE SHOULD BE NO IMPACT ON THE INDIGENOUS WILDLIFE (BIRDS) WHICH REMAIN PRESENT IN THE AREA.

NO ARCHAEOLOGICAL SITES ARE PRESENT IN THE AREA AND THE SURROUNDS OF THE WHEEL OF FORTUNE SITE WILL BE UNAFFECTED BY THE MINING. THE PROTOCOLS FOR ANY ACCIDENTAL DISCOVERIES ARE COVERED UNDER THE FARMER HNT AUTHORITY FOR THIS AREA.

Please describe what steps you propose to reduce or avoid the adverse effects on the environment you have identified:

A buffer strip 100m wide is being left between Ballarat Rise and the workings comprising indigenous vegetation. Other than use as a settling pond through the area with no vegetation cover the area around the wheel of fortune pond will not be disturbed by mining. 90% of the land to be used has already been significantly impacted by development to pasture land since the gold mining in the CPH.

### SCALE OF EFFECTS

Looking at all of the effects you have identified as a whole, what scale of effects will occur? (tick one box)

- ☒ Within the site only
- ☒ Restricted to the surrounding neighbours
- ☐ Affecting the whole settlement or town

Any comments about the overall nature of the effects?

The effects are very local. With the correct noise reducing equipment there is little noise generated and equipment has been working for 6 months with no complaint from the adjacent area.

## VEGETATION CLEARANCE

If your mining will involve the clearance of indigenous vegetation, you will need to include this in your application and answer the questions below. Council may require a report from a suitably qualified expert to address the ecological effects of this clearance. Please provide as full an assessment as possible.

Does your mining involve clearance of indigenous vegetation? Yes ☒ No ☐

If no, please skip this section.

What is the area of the proposed clearance?

3 HECTARES

What is the overall area and type of vegetation cover on the property?

THE MAJORITY OF THE FARM WAS DEVELOPED INTO GRAZING PADDLES FOR DAIRY CATTLE IN THE 1980'S. ON THE PERIPHERY OF THAT ARE AREAS OF INDIGENOUS VEGETATION NOT DEVELOPED AT THAT TIME

Has the proposed clearance area been previously modified by human activity? If yes, how was it modified? When was it modified? And what proportion of the area has been modified?

MODIFIED DURING 19<sup>TH</sup> CENTURY GOLD RUSH WHEN MILLADUE TIMBER REMOVED. LEAKAGE HAS SINCE OCCURRED. ALL THE AREA AROUND STAFFORD HAS BEEN MODIFIED TO SOME EXTENT AS THE TOWN WAS A MAJOR GOLD MINING CENTRE AT THE TIME.

What are the main vegetation species within the proposed clearance area?

THE LAND HAS MIXED PODOCARP-HARDWOOD LOWLAND FOREST SPECIES INCLUDING KIMU, TOTARA, MANUKA, KAHIKATEA, MIRO, LANEWOOD AND TREE FERNS



**MP52365**

## **Vegetation Clearance**

Created By: anonymous  
Print Date: 25/05/2016  
Print Time: 2:33 PM



Scale: 1:3000  
Original Sheet Size A4

Projection: NZGD49 / New Zealand Map Grid  
Bounds: 2352112.65592476, 5835130.20715348  
2352667.48687524, 5835819.97553112

Is the vegetation in the proposed clearance area similar to the vegetation in surrounding areas? If not, what are the main vegetation species in the surrounding area?

THE SAME VEGETATION CONTINUES TO THE SOUTH EAST BUT TO THE NORTH AND EAST THE LAND HAS BEEN DEVELOPED AS GRAZE PASTURE

Does the proposed clearance area provide an important link to other vegetation in the vicinity?

NO IT IS ON THE EDGE OF ANY AREA ALREADY DEVELOPED AS A DAIRY FARM

To what extent are weeds/exotic plants present in the proposed clearance area?

MINOR GRASS ON THE EDGE OF THE BLOW

Does that proposed clearance area contain indigenous species/habitat that are unusual, rare, or unique to that area? If yes, what are they?

NO THE SPECIES PRESENT ARE TYPICAL OF THE LOWLAND FOREST AREA CONTAINED IN THE WAIMERA FOREST

Is there a covenant or New Zealand statute on the proposed clearance area? If yes, what are the details of this?

NO

## MONITORING

Do you intend to monitor the effects of the proposed activity?

Yes ☒ No ☐

If yes, how do you intend to monitor the activity and how often?

THE REGIONAL COUNCIL WILL VISIT THE SITE TWICE A  
YEAR TO CHECK COMPLIANCE WITH WATER DISCHARGE CONDITION  
AREA OF LAND DISTURBED AND REHABILITATION

Who will undertake the monitoring?

WEST COAST REGIONAL COUNCIL

## SERVICING REQUIREMENTS

Will your proposal result in the need for new services (e.g. power, telecommunications, roads, water supply, etc)?

Yes ☐ No ☒

If yes, please describe what new services will be required:

.....

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.....



## NATURAL HAZARDS

Is your site subject to flooding or inundation?

Yes ☐ No ☒

Is your site subject to landslides or land instability?

Yes ☐ No ☒

Is your site subject to erosion?

Yes ☐ No ☒

Is your site subject to contamination from any source?

Yes ☐ No ☒

If you have answered yes to any of the above questions, then what effects could the identified natural hazard/s have on your proposed activity?

.....

.....

.....

How do you propose to address the identified natural hazard/s?

.....

.....

.....

Will your proposed activity create or exacerbate a hazard on adjoining sites?

No

.....

.....

.....

*[Note: If your site is subject to natural hazard/s and you are unsure of how to proceed, then advice can be sought from a Chartered Professional Engineer (CPEng).]*

## PROTECTED CUSTOMARY RIGHT AREA

Will your proposed activity have adverse effect on a protected customary right?

Yes ☐ No ☒

If yes, please describe alternative locations or methods for the proposed activity:

[Note: Protected customary rights are customary activities, uses and practices (for example the collection of hangi stones, or launching waka) within a particular part of the common marine and coastal area in accordance with tikanga.]

## AFFECTED PARTIES AND CONSULTATION

Who do you consider might be affected by your proposal?

DEPARTMENT OF CONSERVATION  
MF SERVICE

AS HALL - MAFUAH & ML DENNEY  
KA GARDNER  
AD & KA SHEPHERD  
CC CASTRO REST  
KT EDER & LATIMER TILGITH 2004  
P.E. MAN

You may have consulted with the above people or agencies about your proposal (eg DOC, Fish and Game NZ, Te Runanga o Makaawhio, Te Runanga o Ngati Waewae, Heritage NZ).

Please outline what consultation steps you have taken (if any):

WAS ON SITE WITH DOC STAFF RECENTLY BUT NOT TO DISCUSS THIS  
APPLICATION IS SPECIFIC - NO QUESTION OR COMMENT WERE  
MADE WITH RESPECT TO THE MINING OPERATION OTHER THAN  
IT WAS A TINY OPERATION

What was the response?

.....  
.....  
.....  
For neighbours: Please list the names and addresses:

T. MARI METUAKI 21 BALLARAT RISE RD2 STAFFORD  
MA SLEVER BOX 562 HOKITIKA  
KA GARDNER 340 GILFILLANS GULLY ROAD RD2 HOKITIKA  
ADRIANA SUTHERLAND  
CC GUSTO DAST TWE SIVR ROAD HOKITIKA  
KT EDER  
PE MANN 10 BARK ST HOKITIKA  
S. THOMPSON & L. DANFORTH 221 STAFFORD LOOP ROAD RD2 HOKITIKA  
ANDY THOMPSON 293 STAFFORD LOOP ROAD RD2 HOKITIKA  
MARK FALLON & KAREN GREGORY 259 STAFFORD LOOP ROAD RD2 HOKITIKA

[Also note that the Council rules on who is an affected party. You can seek the written approval of affected parties - please use the Council's Affected Party Approval form.]

## SUPPORTING INFORMATION – A CHECKLIST

You need to supply the following information to support your application (tick relevant boxes):

- ☒ Resource consent application form
- ☒ Completed Assessment of Effects on the Environment form (this form)
- ☒ Copy of the current Certificate of Title for the site
- ☒ Sketch of locality and access points and/or aerial photo
- ☐ Affected party approval forms (if obtained)
- ☒ Attach site plan showing total area of vegetation, proposed clearance area, all boundaries, water ways, proposed buffer zones and stands to be left.

## Westland District Council

### Hazardous Activities and Industries Checklist (RC001)

Prior to any changes in the use of land including constructing/altering buildings, creating foundations, undertaking earthworks, soil sampling or subdivision, the National Environmental Standard (NES) for Assessing Contaminants in Soil to Protect Human Health requires the land owner to identify whether or not any of the activities listed below have previously, currently or are going to be undertaken on the site.

Further information on the NES and the Ministry for the Environment's Hazardous Activities and Industries List (below) can be found at [www.mfe.govt.nz](http://www.mfe.govt.nz).

Using information from the West Coast Regional Council, Westland District Council's property files, anecdotal evidence and any other reference, **read through the following list and please tick if the activity has previously occurred or will occur on the site.**

#### Hazardous Activities and Industries List (HAIL)

<b>Chemical manufacture, application and bulk storage</b>	<b>Y</b>	<b>N</b>
Agrichemicals including commercial premises used by spray contractors for filling, storing or washing out tanks for agrichemical application		✓
Chemical manufacture, formulation or bulk storage		✓
Commercial analytical laboratory sites		✓
Corrosives including formulation or bulk storage		✓
Dry-cleaning plants including dry-cleaning premises or the bulk storage of dry-cleaning solvents		✓
Fertiliser manufacture or bulk storage		✓
Gasworks including the manufacture of gas from coal or oil feedstocks		✓
Livestock dip or spray race operations		✓
Paint manufacture or formulation (excluding retail paint stores)		✓
Persistent pesticide bulk storage or use including sport turfs, market gardens, orchards, glass houses or spray sheds		✓
Pest control including the premises of commercial pest control operators or any authorities that carry out pest control where bulk storage or preparation of pesticide occurs, including preparation of poisoned baits or filling or washing of tanks for pesticide application		✓
Pesticide manufacture (including animal poisons, insecticides, fungicides or herbicides) including the commercial manufacturing, blending, mixing or formulating of pesticides		✓
Petroleum or petrochemical industries including a petroleum depot, terminal, blending plant or refinery, or facilities for recovery, reprocessing or recycling petroleum-based materials, or bulk storage of petroleum or petrochemicals above or below ground		✓
Pharmaceutical manufacture including the commercial manufacture, blending, mixing or formulation of pharmaceuticals, including animal remedies or the manufacturing of illicit drugs with the potential for environmental discharges		✓
Printing including commercial printing using metal type, inks, dyes, or solvents (excluding photocopy shops)		✓
Skin or wool processing including a tannery or fellmongery, or any other commercial facility for hide curing, drying, scouring or finishing or storing wool or leather products		✓
Storage tanks or drums for fuel, chemicals or liquid waste		✓
Wood treatment or preservation including the commercial use of anti-sapstain chemicals during milling, or bulk storage of treated timber outside		✓

<b>Electrical and electronic works, power generation and transmission</b>	<b>Y</b>	<b>N</b>
Batteries including the commercial assembling, disassembling, manufacturing or recycling of batteries (but excluding retail battery stores,		✓
Electrical transformers including the manufacturing, repairing or disposing of electrical transformers or other heavy electrical equipment		✓
Electronics including the commercial manufacturing, reconditioning or recycling of computers, televisions and other electronic devices		✓
Power stations, substations or switchyards		✓
<b>Explosives and ordinances production, storage and use</b>	<b>Y</b>	<b>N</b>
Explosive or ordinance production, maintenance, dismantling, disposal, bulk storage or re-packaging		✓
Gun clubs or rifle ranges, including clay targets clubs that use lead munitions outdoors		✓
Training areas set aside exclusively or primarily for the detonation of explosive ammunition		✓
<b>Metal extraction, refining and reprocessing, storage and use</b>	<b>Y</b>	<b>N</b>
Abrasive blasting including abrasive blast cleaning (excluding cleaning carried out in fully enclosed booths) or the disposal of abrasive blasting material		✓
Foundry operations including the commercial production of metal products by injecting or pouring molten metal into moulds		✓
Metal treatment or coating including polishing, anodising, galvanising, pickling, electroplating, or heat treatment or finishing using cyanide compounds		✓
Metalliferous ore processing including the chemical or physical extraction of metals, including smelting, refining, fusing or refining metals		✓
Engineering workshops with metal fabrication		✓
<b>Mineral extraction, refining and reprocessing, storage and use</b>	<b>Y</b>	<b>N</b>
Asbestos products manufacture or disposal including sites with buildings containing asbestos products known to be in a deteriorated condition		✓
Asphalt or bitumen manufacture or bulk storage (excluding single-use sites used by a mobile asphalt plant)		✓
Cement or lime manufacture using a kiln including the storage of wastes from the manufacturing process		✓
Commercial concrete manufacture or commercial cement storage		✓
Coal or coke yards		✓
Hydrocarbon exploration or production including well sites or flare pits		✓
Mining industries (excluding gravel extraction) including exposure of faces or release of groundwater containing hazardous contaminants, or the storage of hazardous wastes including waste dumps or dam tailings		✓
<b>Vehicle refuelling, service and repair</b>	<b>Y</b>	<b>N</b>
Airports including fuel storage, workshops, washdown areas, or fire practice areas		✓
Brake lining manufacturers, repairers or recyclers		✓
Engine reconditioning workshops		✓
Motor vehicle workshops		✓
Port activities including dry docks or marine vessel maintenance facilities		✓
Railway yards including goods-handling yards, workshops, refuelling facilities or maintenance areas		✓
Service stations including retail or commercial refuelling facilities		✓
Transport depots or yards including areas used for refuelling or the bulk storage of hazardous substances		✓
<b>Cemeteries and waste recycling, treatment and disposal</b>	<b>Y</b>	<b>N</b>
Cemeteries		✓
Drum or tank reconditioning or recycling		✓
Landfill sites		✓
Scrap yards including automotive dismantling, wrecking or scrap metal yards		✓
Waste disposal to land (excluding where biosolids have been used as soil conditioners)		✓
Waste recycling or waste or wastewater treatment	✓	

Any land that has been subject to the migration of hazardous substances from adjacent land in sufficient quantity that it could be a risk to human health or the environment		✓
Any other land that has been subject to the intentional or accidental release of a hazardous substance in sufficient quantity that it could be a risk to human health or the environment		✓

If you have answered yes to any of the above, the NES applies to the land. Please consult the NES and if you have any questions, contact the Planning Department.

**Statement:**

I hereby certify that to the best of my knowledge the information given is true and correct.

Name:

John William Wood

Signature:

*[Handwritten Signature]*

Date:

19.5.2016