

Before the Independent Hearing Panel

In the Matter of the Resource Management Act 1991 (**RMA**)

And

In the Matter of an application to the Central Otago District Council and Otago Regional Council for resource consent to establish and operate a gold mining activity at 1346 – 1536 Teviot Road, Millers Flat

Reference RC230325 (Central Otago District Council)
RM23.819 (Otago Regional Council)

Evidence of Simon Johnstone on behalf Hawkeswood Mining Limited

(Operations Manager)

Dated 29 April 2024

Jeremy Brabant
Barrister
Foundry Chambers
Level 4, Vulcan Buildings
PO Box 1502, Shortland St
Auckland City
021 494 506
Email: jeremy@brabant.co.nz

Introduction

1. My full name is Simon Johnstone. I am the Operations Manager for the Hawkeswood Mining project at Millers Flat.
2. I have eighteen years' experience working for Hawkeswood Mining, I have worked on gold mining projects at Olig Station, Waikaia, Blenheim and Thompsons Gorge.
3. I have resided in Central Otago since 2007, actively participating in the local community and industry.
4. I am very familiar with the Millers Flat site and its surrounds. I am on site most days currently.

Scope of Evidence

5. My evidence will address the following:
 - a. Consultation;
 - b. Operation of the mine; and
 - c. Archaeological Authority.

Consultation

6. I have been involved in all consultation activities on the project, starting in September 2020 through to the present day. Consultation efforts have been significant, and rather than describe each, I have compiled a record of consultation which I attach to my evidence (Appendix [A]). I do not consider the record in Appendix [A] to be a complete record, as there have been too many conversations to recall each one specifically. The consultation record in Appendix [A] is a record of the main discussions with key stakeholders only.
7. I provide a summary of key themes arising from consultation in the following paragraphs.

Neighbours

8. I have visited all of the surrounding neighbours, most of them on multiple occasions. I have provided information about the proposed mine and discussed their concerns. Many people have been happy to provide a written approval. Several people remain unhappy about the proposal and these are generally represented by submissions.

Community

9. I have been involved in many community groups discussing the proposed mine. I have been to coffee groups, Mount Benger A & P Show, Spoken at the Lions Club, Milers Flat Hunting competition, Teviot Valley dinner club and hosted a community "Q & A Night" event at the local Millers Flat Hall. The purpose of this type of consultation is to provide information and to give people an opportunity to ask questions and have their concerns heard.

Millers Flat Water Company (MFWC)

10. I have had multiple discussions, phone calls and emails with the MFWC. We have had a positive relationship and recently came to a signed agreement which sets out how MFWC infrastructure on the site will be managed (Appendix [B]).

Clutha Gold Cycle Trust

11. I have discussed the project with the Chairman of the Board for the Cycle Trust and had many conversations with the Manager and some board members of the Cycle Trails Trust, and then also dealt with their legal representative in relation to a formal agreement for diversion and reinstatement of the cycle trail. We have a signed agreement (Appendix [C]) and written approval.

Millers Flat School

12. I have had a number of conversations with the Principal of Millers Flat School and understand that they do not have any unresolved concerns

about the project. We are in negotiations with Hilary Spedding to host a group of school children from the school on the site as they are excited to learn about geology and mining.

13. I had not discussed the project with the Ministry of Education until we received a submission from them on behalf of the school. I have since talked to Walter Lettink – a Ministry of Education staff member, about the project and explained some matters that were raised in the submission. We are currently waiting for his response.

Fire and Emergency New Zealand (FENZ)

14. I have had discussions with Bobby Lamont from FENZ. It was requested for our site to send through an Emergency Management plan. We have done so and it has been approved. FENZ initially placed a neutral submission as they sought further information regarding the project. I have discussed this with FENZ, and my understanding is this neutral submission will be withdrawn (and in any event raises matters which have now been addressed).

Aukaha and Kā Rūnaka

15. I first contacted Aukaha about the project on 2 September 2022. We requested a cultural impact assessment (CIA) and an opportunity to discuss the project with them. Since then, I have had three meetings with Aukaha, and a lot of correspondence. (Appendix [D]) (Emails from Stephanie Matheson have been included as they were sent on my behalf).
16. We have worked to address the issues of concern raised by Aukaha. On receiving their submission on a previous version of this project, we commissioned additional technical work to address matters raised in the submission. I provided these updated technical reports to Aukaha and sought to engage with them on the revised version of the project (this consent application).
17. We have requested a Cultural Impact Assessment (CIA) through Aukaha and were eventually advised by Pam Walker (Kaiwhakamahere Matua

Whakaaetaka (Senior Planner - Consents Mana Taiao) that Aukaha did not have the capacity to prepare a CIA. (Appendix [E])¹ In a subsequent meeting we discussed potential solutions, noting resourcing challenges faced by Aukaha, and were advised that there were no other parties with a mandate to prepare a CIA for the project.² (Appendix [F])

18. I have also contacted iwi leaders – Terry Nicholls and Riki Parata and numerous emails to Otakou and Puketeraki, to ascertain if meaningful consultation could be carried out directly with Kā Rūnaka. Despite some good conversations, these did not lead to meaningful consultation, as people refer consultation on resource management matters to Aukaha.
19. To the best of my knowledge, I have provided information on and sought to mitigate all effects of concern raised by Aukaha. The only matters outstanding, that I am aware of, are the potential effects our project may have on the mauri of the Mata-au and the Tima Burn and separately the cultural landscape. Aukaha has not produced a CIA which provides a site and project specific explanation of the nature of the effect or what mitigation may be required to address it.
20. Comments in the s42A report that there has been no input from Kā Rūnaka are missing part of the picture. There has been significant effort and resource invested into consulting with Kā Rūnaka and undertaking additional technical assessments to address identified concerns. (Appendix [G]) Copies of email correspondence.

Operation of the mine

21. An exploration permit was granted dated 19 October 2021 and a mining permit was issued on 17 April 2023. Operations at the mine can commence following the granting of consent and after meeting any consent conditions that require action before starting operations. In addition, the recruitment of staff, as well as training, and the preparation and commissioning of the dredge will be necessary. I am aware of many locals who would be keen for

¹ Email from Pam Walker 22/1/24.

² Meeting 25/1/24.

a job on the project so do not expect any delays associated with recruitment.

22. The new site plans outline the various stages of mining operations. Attached to my evidence (Appendix [H]) are updated site plans adjusted after the circulation of the s42A report addressing two minor issues:
 - a. Additional bunding along the western edge of stage 2 (refer to plans 3 and 4) to address comments made by Jessica McKenzie (landscape peer reviewer for Central Otago District Council).
 - b. The site vehicle access is shown from the northern paper road on plans 4-8. Previously it was by the southern paper road on all plans.
23. I have commissioned an erosion and sediment control plan in response to concerns raised by Aukaha (Appendix [I]). This is in draft format, but suitable to implement in stage 1. It can be refined and updated for implementation in stages 2 – 4.

Rehabilitation

24. The project area is farmland and so rehabilitation is relatively straightforward. We will backfill the mine pit with overburden, then the silt layer, and then topsoil. The ground surface will be contoured to align with the pre-mining land surface (we have detailed lidar survey data to inform the final contour). As part of the site rehabilitation, we will fill in the Council's green waste tip and flatten the tailings stockpile adjacent. These parts of the site will be contoured to fit in with the surrounding land, and not restored to their previous contour.
25. Farm infrastructure will be reinstated as per our access agreements with landowners.
26. The cycle trail will be reinstated to its former position and to a standard that is also defined by our private agreement with the Cycle Trust.
27. We have given a lot of thought to how we could offer some biodiversity improvement back to the area, noting that it was a matter raised by Aukaha

and that biodiversity improvement on the site is not suitable, as it is farmland. We asked Aukaha what they would like to see in the way of biodiversity improvements, (Appendix [J]) but have not received any definitive feedback. Having had further discussions with Barrie Wills (Ecologist), and Mike Moore (Landscape expert) we have decided that exotic species removal and native plantings along the cycle trail, in the vicinity of the Clutha River / Mata-Au would have the highest value. We plan to do this in consultation with the Cycle Trust and LINZ. As part of the reinstatement of the cycle trail to its present location (after the mine has been through the area), we intend to complete planting as the mine cycles through the stages. (Appendix [K]) As part of the completion process of each stage, this will also include the relevant planting for the involved area. We welcome input from Aukaha and Kā Rūnaka in the detailed design of this.

Archaeological Authority

28. An application for the Archaeological Authority was accepted for processing on 22nd March 2024, and it is presently undergoing processing with Heritage New Zealand Pouhere Taonga (NZHPT). I have had several meetings with NZHPT staff on the preferred management of archaeological potential on the site. My understanding is that NZHPT is satisfied with the proposed approach.



Simon Johnstone

Dated 29 April 2024

APPENDIX A – CONSULTATION SCHEDULE

Date	Summary of Consultation
	COMMUNITY
2022 - PRESENT	Regular Attendance to Coffee Groups (Approx 8)
10/08/2023	Millers Flat Tavern Hunting competition sponsorship and speaking event
16/08/2023	Teviot Valley Dinner Club Speaking Event
17/02/2024	Mount Benger A& P Show – Community Event
03/04/2024	Millers Flat School Visit
10/04/2024	Community Q & A Night at Millers Flat Hall.
	NEIGHBOURS – Multiple visits with people who have signed affected party approval.
2022 - 2023	Franklins – Simon has met with Jenny Franklin for discussions about the mine project and has been to visit Ken and Jenny at their home twice.
2023 - 2024	Barrett – Simon has visited 4 times to discuss approval and they have been invited and visited the site.
	All neutral & opposition submissions have been contacted for discussion.
	See Appendix F for Iwi Consultation

APPENDIX B

**Domestic Water Supply and Infrastructure
Agreement**

between

Hawkeswood Mining Limited

and

Millers Flat Water Company Limited



Domestic Water Supply and Infrastructure Agreement

Date: 19TH April 2024

2024

Parties

Hawkeswood Mining Limited the "Mining Company"

Millers Flat Water Company Limited the "Water Company"

Background

- (a) The Mining Company is engaged in mining operations near 1426 Teviot Road, Roxburgh.
- (b) The Water Company supplies Domestic Water to the Properties in the vicinity of 1426 Teviot Road as per the map attached to this agreement labelled Water Supply Map.
- (c) The Mining Company's operations may impact the supply of Domestic Water to the Properties and the Mining Company has agreed to ensure the supply of Domestic Water to them.

1. Definitions

1.1 In this agreement, unless otherwise required by the context:

Act means the Water Services Act 2021 and any amendments or replacement legislation.

Domestic Water has the same meaning as drinking water in the Act.

Infrastructure means all equipment and infrastructure necessary for the Water Company to supply Domestic Water to the Properties including all pipes and equipment necessary to comply with the Act, the Company's constitution, and water supply agreements held with the Water Users.

Mining Operations means all works associated or incidental to mining that might reasonably affect the water supply to the Properties undertaken by the Mining Company.

Properties means the properties supplied Domestic Water by the Water Company with the following legal descriptions:

- (a) Section 91 Block VIII Benger SD (Roxburgh, Central Otago)
- (b) Section 106 Block VIII Benger SD (Roxburgh, Central Otago)
- (c) Lot 2,3,4 DP 375668 (Roxburgh, Central Otago)

Water Users means the owners of the Properties who have entered into a water supply agreement with the Water Company.

2. Domestic Water Supply

- 2.1 The Mining Company will ensure that the Properties are supplied with Domestic Water until it permanently ceases Mining Operations near the Properties.
- 2.2 In meeting its obligations under clause 2.1, the Mining Company will construct any Infrastructure necessary to supply Domestic Water to the Properties from the Water Company, or with the written agreement of the Water Company and affected Water Users, will supply Domestic Water from a suitable alternative source.
- 2.3 In supplying Domestic Water to the Properties, the Mining Company agrees that it will be subject to all duties imposed on drinking water suppliers under the Act and that the Mining Company is a drinking water supplier for the purposes of the Act.

3. Reinstatement of Infrastructure

- 3.1 Once Mining Operations cease, the Mining Company will ensure that the Water Company's Infrastructure is reinstated in consultation with the Water Company to the standard required by the Water Company to meet its obligations under the Act as at the date of reinstatement.

4. Costs

- 4.1 The Mining Company will pay all costs associated with or incidental to preparing and carrying out this agreement including the costs of supplying the Properties with Domestic Water and reinstating the Water Company's Infrastructure as per clause 3.1.

5. Indemnity

- 5.1 Without limiting any rights or remedies of the Water Company, the Mining Company indemnifies the Water Company as a continuing indemnity, against any loss, claim, damage, expense, liability or proceeding suffered or incurred at any time by the Water Company:
 - (a) occurring as a result of; or resulting directly or indirectly out of, or in connection with:
 - (i) any breach of the Mining Company's obligations or warranties under this agreement; or
 - (ii) any act or omission by the Mining Company or any person or company under the Mining Company's control.

6. Cooperation

- 6.1 The parties to this agreement will maintain regular communication to ensure the supply of Domestic Water to the Properties remains uninterrupted.
- 6.2 The parties will provide all information to each other necessary to fulfil any obligations they have under the Act or this agreement.

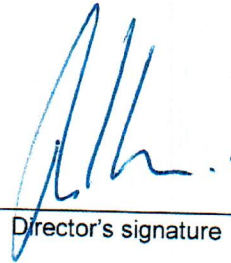
7. Term and Termination

- 7.1 This agreement will remain in effect until all obligations contained within it are met or will be terminated earlier by mutual written agreement of the parties.
- 7.2 If either party is in breach of a material term of this agreement, the other party may serve on them notice requiring that breach to be remedied within 10 working days. If the breach is not remedied within that period, the party serving notice may terminate this agreement by giving written notice to the other party. Such a termination will not release the breaching party from their obligations and liabilities under this agreement.

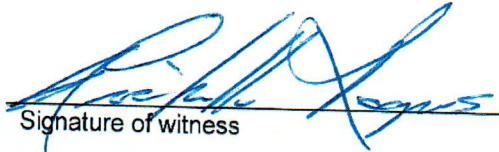
Execution

Signed by **Hawkeswood Mining Limited** in the presence of:

Andrew HAWKESWOOD
Director's full name



Director's signature



Signature of witness

Name of witness

Michelle Rogers

Occupation

Office Manager

Address

342 Pt View Drive
Shamrock Park
Auckland 2016

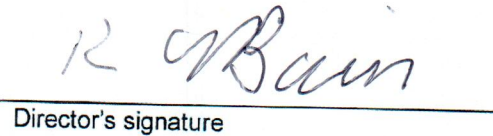
Signed by **Millers Flat Water Company Limited**:



Director's signature

Tony Dours

Director's full name

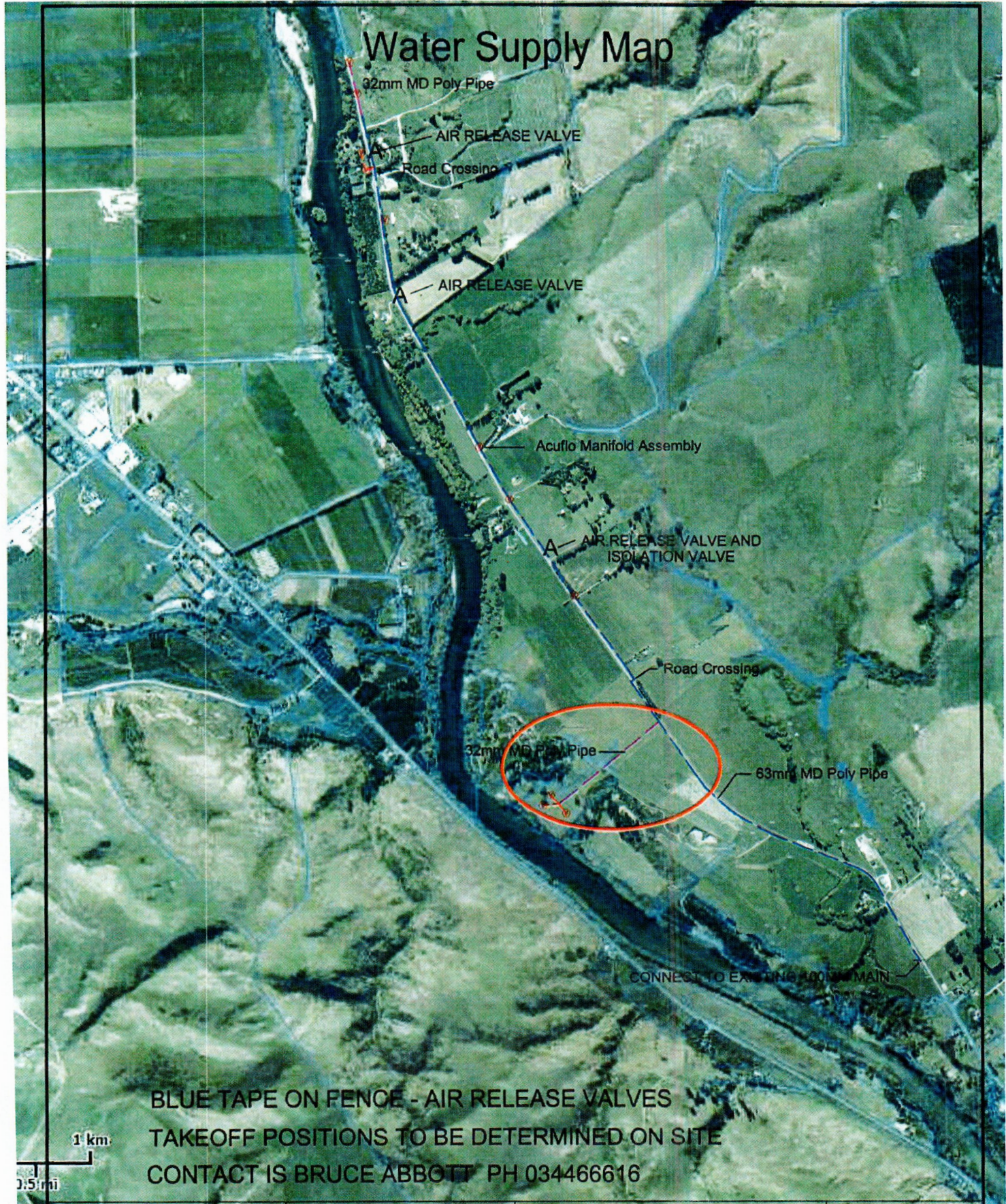



Director's signature

Ken Bain

Director's full name

Water Supply Map



<ul style="list-style-type: none"> — 25mm OD MDPE Pipe 12 Bar — 32mm OD MDPE Pipe 9 Bar — 63mm OD MDPE Pipe 9 Bar 	<ul style="list-style-type: none"> ⊗ 50 mm Gate Valve ⊗ Demand Point Variable Flow 1500.0 40.0 ⊗ Demand Point Variable Flow 1.7 30.0 ⊗ Water Supply 	Designer: Greg Robertson Date: 20/09/2013 Scale: 1 : 12000 File: Millers Flat Potable Extension Revi
MILLERS FLAT POTABLE EXTENSION 		

Handwritten signature

APPENDIX C

VARIATION TO ACCESS AGREEMENT

HAWKESWOOD MINING LIMITED, JACKS RIDGE LIMITED

AND

CLUTHA GOLD TRAIL CHARITABLE TRUST

GALLAWAY
COOK
ALLAN 

THIS AGREEMENT is made the 11th day of March 2024

PARTIES

1. **Hawkeswood Mining Limited**, company number 3269569 (**HML**).
2. **Jacks Ridge Limited**, company number 4584838 (**JRL**)
3. **Clutha Gold Trail Charitable Trust**, charities services registration number CC36962 (**Trust**).

BACKGROUND

- A. The Trust operates and maintains a mountain biking and walking trail through legal road and Crown Land throughout the Central Otago District.
- B. HML proposes to undertake Mining Activities within the Existing Trail and as a result the Existing Trail will need to be temporarily disestablished.
- C. HML lodged, and later withdrew, an application for sought resource consent from Central Otago District Council (RC220350) to establish and operate an alluvial gold mining operation at 1346 - 1536 Teviot Road, Millers Flat for a maximum period of 5 years (**Application**).
- D. The parties entered into an Access Agreement dated 16 June 2023 to facilitate the Application, the temporary realignment of the Trust's trail, subject to the Trust's written approval.
- E. As a consequence of withdrawing the Application, the written approval is no longer valid as a matter of law and the timeframes set out in the Access Agreement are likely to be exceeded. It is therefore necessary to vary the existing agreement to provide for the additional resource consent lodged (RC230325) (**Resource Consent**) and further provision of written approval.
- F. The parties wish to record the terms of their agreement in this Variation Agreement.

OPERATIVE PART

1. Interpretation

1.1 The following terms are defined:

- (a) **Agreement** means the Access Agreement dated 16 June 2023 enclosed as Appendix 1.
- (b) **Variation Agreement** means this agreement.



1.2 All other defined terms are as set out in the Agreement.

2. Variation

2.1 The parties agree to vary the Agreement as follows:

- (a) Clause 1.1(a) is replaced by: "Commencement date means the date that last person signs this Variation Agreement".
- (b) Clause 3.1(a) is replaced by: "The Trust agrees to provide written approval within 10 working days following the signing of this Agreement.
- (c) Clause 4.2(a) is replaced by: "24 months from the Mining Commencement Date".
- (d) All other provisions of the Agreement are unchanged.

EXECUTION

Clutha Gold Trails Charitable Trust by its Trustee(s)



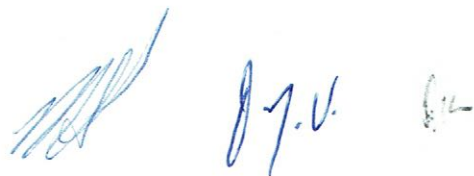
Murray Paterson


Witness signature

Jillian Marie Allison
Witness Full name

1 Tough Road RD 1 Milton.
Witness Address

Administrator
Witness Occupation



D. J. Vollweil
David Vollweiler

[Signature]
Witness signature

Jillian Marie Allison
Witness Full name

1 Tugh Road RD 1 Milton
Witness Address

Administrator
Witness Occupation

Hawkeswood Mining Limited and Jacks Ridge Limited by its Director

[Signature]
Andrew Hawkeswood

[Signature]
Witness signature

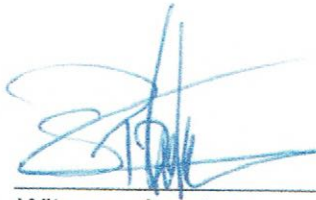
Simon Paul Johnstone
Witness Full name

333 Nelson Ridge Road Alexandra
Witness Address

Miner
Witness Occupation

[Signature] [Signature] [Signature]

Jacks Ridge Limited by its Director



Witness signature

Simon Paul Johnstone

Witness Full name

333 Nelson Ridge Road Alexandra

Witness Address

Mines

Witness Occupation



Kelly Hawkeswood



D.V.

A

Affected Persons Approval



To: The Manager, Planning and Environment
Central Otago District Council
PO Box 122
Alexandra 9340

TO BE COMPLETED BY THE PERSON(S) REQUESTING APPROVAL

Applicant(s): Hawkeswood Civil Limited

Type of resource consent: Land use consent

Proposed activity: Establish and operate a gold mining activity for the duration of 10 years

Location of site: 1346-1536 Teviot Road, Millers Flat (inclusive of road reserve within the area indicated on the attached plan)

I have sighted all the attached plans and supporting information for the above activity.

I hereby give unconditional approval for the application to be processed without public notification.

I understand that, by giving approval, the Council will not take into account any effects that the proposed activity may have on me, when considering whether this application should be notified (Section 95E of the Resource Management Act 1991) and whether the application should be granted (Section 104(3) of the Resource Management Act 1991).

TO BE COMPLETED BY THE PERSON(S) GIVING THEIR APPROVAL

Name: Murray Paterson (Chair + Trustee)

Organisation: Clutha Gold Trail Charitable Trust

Address: 146 Scotland Street Roxburgh 9500, New Zealand

Signature

Date

Name: David Vollweiler (Trustee)

Organisation: Clutha Gold Trail Charitable Trust

Address: 146 Scotland Street Roxburgh 9500, New Zealand

Signature

Date

Checklist:

Signature of all legal owners

Site and/or subdivision plan with all required signatures

Elevations with all required signatures (if applicable)

Signed by Murray Paterson:

Signed by David Vollweiler:

Date: 23/4/24



Visual Boundary
 Stage Boundary (exclosure)

Stage Plan	
Millers Flat	

15000	JR
0505021	JR



Appendix D – CONSULTATION SCHEDULE

Date	Summary of Consultation
02/09/2022	Letter of Engagement Aukaha. Confirmation email sent from Makareta Wesley-Evans
17/05/2023	Engagement Letter returned
28/06/2023	Aukaha reply
08/08/2023	Aukaha Meeting – Simon, Andrew, Tom and Barry met with Tim, Pam and Makareta at the Aukaha office in Dunedin. Project was discussed. Aukaha had original application.
15/09/2023	Invitation sent to Aukaha, Otakou, Puketeraki & Hokonui for an onsite Hui
22/09/2023	Second Hui Invitation sent to Aukaha & relevant Runanga/Runaka.
25/09/2023	Jen from Puketeraki replied to Steph and email was distributed to manager
27/09/2023	Steph requested a new date that would suit better.
24/10/2023	Cover Letter & Mining Methodology sent
25/10/2023	Matt Dale replied that Puketeraki was having a hui and he would come back to us
13/11/2023	Simon sent consents, letter of engagement, arch report & tima burn report to all interested parties (Puketeraki marae, Hokonui Runanga, Otakou Runaka)
13/11/2023	Matt Dale replied and directed all correspondence to Aukaha
17/11/2023	Sent Archaeological report to Tania - Aukaha
18/11/23	Email from Pam Walker Aukaha responding to correspondence from Matt Dale of Puketeraki. Confirming all correspondence needs to go to Aukaha. Pam asks for timeframes on when new resource consent applications will be lodged.

20/11/2023	Email to Aukaha requesting meeting in December
21/11/2023	Email to Pam Walker “re-engaging”. Pam out of office received.
29/11/2023	Email to 3 Aukaha personnel asking for a time to consult regarding a Cultural Impact report (CIA) and any recommendations based on Archaeology report.
14/12/2023	Email to Pam, Tim & other interested parties asking for a time to consult regarding a Cultural Impact report (CIA) and any recommendations based on Archaeology report. Response from Pam stating that a Teams meeting would be available in the new year. Out of office from Tim
18/01/2024 – 22/01/2024	18 th Jan - Email to Pam & Tim seeking advice and recommendations on archaeological report. Also following up on CIA report. 22 nd Jan – Pam responds that Aukaha has no capacity to prepare a CIA. Confirms she will check in with runaka regarding archaeology report and confirm a short teams meeting would be sufficient for an update into project development and consent applications.
25/01/2023	TEAMS meeting with Aukaha (See Appendix E)
29/01/2023	Simon engages in text conversations with Terry Nicholas (Hokonui)
08/02/2023	Phone call with Terry Nicholas (Hokonui)
11/02/2024	Simon Met with Terry Nicholas (Hokonui) in Alexandra
19/2/2024 – 18/3/2024	Email Thread: 19 th - Email from Tim Vial sharing the Aukaha submission. 29 th - Barry responds asking for clarification around native revegetation. 12 th March – Barry requests response 12 th March – Tim responds with issues of concern & confirms attention to organising a site visit. 18 th March – Barry sends email to Tim asking about site visit and add comments regarding biodiversity and revegetation. 18 th March – Pam replies stating the Tim has already addressed proposal regarding native revegetation and confirms still looking at date for visit.
12/2/2024 – 15/2/2024	12 th Feb - Victoria Ross from Heritage properties sends email to Rebecca (Heritage NZ) and Pam (Aukaha) requesting a meeting with Aukaha and HNZPT to discuss changes to archaeology assessment.



	15 th Feb – Pam responds declining a meeting. “We are not available to engage with you at this time”.
19/02/2024	Emails with Terry from Hokonui Runanga
21/3/2023	Email to Pam & Tim + Hokonui, Matt dale, Ruth Freer, and Terry Nicholas sharing Archaeology report & requesting a site visit.
25/03/2024	Manaia from Aukaha emails arranging site visit
03/04/2024	Simon email to Manaia asking for numbers for site visit
08/04/2024	Simon email asking for number confirmation. Manaia responds with numbers.
11/04/2024	<p>In person meeting at site between Aukaha and Hawkeswood Mining Limited. The meeting covered:</p> <ul style="list-style-type: none"> - Project Development - Rehabilitation to farmland as per access agreements - Archaeology report in particular Maori Archaeology and accidental discovery. - Explanation of Aquafer & how it works. - It was suggested their cold gold cultural impact assessment would be similar to what would be supplied to us if they had capacity to do so. - Offer to plant more biodiversity along the riverbank. - Rehab plan was underway. - Ecology study on Tema Burn & lower Tema Burn historic rerouting. - Potential effects of Mine on the Tema Burn - Old Landfill site sitting above water table. - Settling pond sizing - Surface water run off. <p>Tim and Pam were asked if they had sufficient information to assess how the mine may effect cultural landscapes.</p>
	<p>Various calls to Aukaha & Iwi Leaders to arrange a meeting.</p> <p>Terry Nicholas (Hokonui) – Approx. 4 phone calls & various text messages 29/01/2023 – 9/4/2023</p> <p>Riki Parata (Hokonui) – approx. 2 times. Sent multiple text messages. Approx. Sep - Dec</p>



APPENDIX E

Subject: FW: [EXT] Archaeological report and CIA
Date: Monday, 22 January 2024 at 11:26:40 AM New Zealand Daylight Time
From: Pam Walker
To: Simon [Hawkeswood Civil]
Attachments: image002.png, image003.png, image004.png, image005.jpg, image006.jpg

Kia ora Simon,

We have not got the capacity to prepare a CIA. Nor have we ever committed to this.

With regard to the draft archaeological report we would need to check with rūnaka as to whether they would want to be involved in this and to comment. Once we have reviewed the resource consent applications that have just been publicly notified with the CODC and with ORC then we may be in a better place to advise after liaising with rūnaka.

As previously advised if you want to update us on your project development and consent applications we would be available for a short TEAMS meeting. Tim Vial and I could make space this week for that to occur – I think just 20 mins should be sufficient but I have allowed for 30 mins in case you need longer.

I will send you an invite now.

Kā mihi,



Pam Walker

Kaiwhakamahere Matua Whakaaetaka (Senior Planner - Consents)
Mana Taiao

Level 2, 266 Hanover Street, Dunedin 9016 | PO Box 446, Dunedin 9054

Tari: 03 477 0071

Waea Pūkoro: 021 1927 289

Work hours – I work 3 days a week - Monday, Tuesday, and usually Thursday.
I don't work Fridays.

www.aukaha.co.nz



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From: Simon [Hawkeswood Civil] <simon@hawkeswood.co.nz>
Sent: Thursday, January 18, 2024 11:42 AM
To: Pam Walker <pam@aukaha.co.nz>; Tim Vial <tim@aukaha.co.nz>
Cc: Andrew [Hawkeswood Civil] <andrew@hawkeswood.co.nz>; Anita Collie <anita@townplanning.co.nz>; barry@macdonellconsulting.co.nz
Subject: [EXT] Archaeological report and CIA

Kia ora Pam and Tim

We are urgently seeking your advice and recommendations on Megan and Olivers draft archaeological report, we would like to finalise this and get it lodged with NZHTP. Also following up on the CIA is there an estimated date we could expect this ?

Kā mihi nui

Simon Johnstone



Simon Johnstone

027 415 8406
simon@hawkeswood.co.nz

APPENDIX F

Subject: FW: Hawkeswood Mining Meeting today (2753-22)
Date: Wednesday, 24 April 2024 at 4:26:07 PM New Zealand Standard Time
From: Anita Collie
To: Steph Matheson [Hawkeswood]
Attachments: image003.png

From: Anita Collie
Sent: Friday, January 26, 2024 10:04 AM
To: Pam Walker <pam@aukaha.co.nz>; 'Simon [Hawkeswood Civil]' <simon@hawkeswood.co.nz>; barry@macdonellconsulting.co.nz; andrew@hawkeswood.co.nz; tim@aukaha.co.nz
Subject: RE: Hawkeswood Mining Meeting today (2753-22)

Kia ora kotou

Thank you for your time meeting yesterday. I've made a few notes – please let me know if you would like any changes or additions.

- Hawkeswood have relodged an application for mining and associated activities at Millers Flat. Public notification was requested. A joint process between CODC and ORC is underway. Submissions close 19 February.
- Hawkeswood have had strong regard to the Aukaha submission on the original application and sought to address matters raised in that submission. A flood report, ecological report and mining methodology have been added to the application. The groundwater report has been updated with additional information.
- An archaeological report has been commissioned and an Archaeological Authority will be applied for. Simon has requested feedback from Rūnaka on the archaeological matters.
- Pam advised that the archaeological report, updated consent application and technical reports have not yet been sent to Rūnaka for comment. Pam is unable to advise on a timeframe for feedback / further consultation. Simon noted that these reports were sent to Aukaha about 3 months ago and requested that they be sent to Ka Rūnaka with urgency.
- Hawkeswood would like Aukaha to do a cultural impact assessment. Pam and Tim advised that they do not have capacity and there are no other providers who have mandate from Ka Rūnaka to do a CIA. Pam/Tim will give some thought to how Aukaha could provide some assessment of effects on cultural values / landscapes.
- Pam and Tim will canvas Rūnaka for availability and seek to organise a site visit in 4-6 weeks. Hawkeswood support that and will make dates work.
- Hawkeswood have had internal conversations about how to provide a positive contribution for the environment and have some ideas, but would like to discuss with Aukaha or Ka Rūnaka. A site visit would be an excellent opportunity to do that. Hawkeswood have practical constraints in terms of landowners, however they think there are some practical local possibilities.

Thanks again for your time and we look forward to hearing from you.

Kā mihi



Anita Collie – Principal Planner

Cell: +64 21 568 335 | Email: anita@townplanning.co.nz

Town Planning Group | www.townplanning.co.nz

Offices in Queenstown, Wānaka, Christchurch & Auckland

From: Anita Collie

Sent: Thursday, January 25, 2024 12:14 PM

To: Pam Walker <pam@aukaha.co.nz>

Cc: 'Simon [Hawkeswood Civil]' <simon@hawkeswood.co.nz>; barry@macdonellconsulting.co.nz;
andrew@hawkeswood.co.nz

Subject: Hawkeswood Mining Meeting today (2753-22)

Kia ora Pam

I'm a planner assisting Hawkeswood with their district resource consents. I've had a discussion with Simon this morning and, acknowledging we only have a short time to discuss the Hawkeswood Project today and we would like to best use the time with you, I've drafted an agenda so you have an idea of what we would like to discuss. Are there any matters you would like to add?

- Status update on the project
- Archaeological reports and authority application
- Additional technical information since previous meeting and the submission
 - Ecological study
 - Updated groundwater report
 - Flood assessment
- Are there any other technical reports that Rūnaka would like to see?
- The effects on the relationship of Kāi Tahu with the cultural landscape and how we might understand, assess and work on this
- Potential for positive contribution to the environment

Please let me know if there is anything else to add to the above.

Thank you.

Ngā mihi



Anita Collie – Principal Planner

Cell: +64 21 568 335 | Email: anita@townplanning.co.nz

Town Planning Group | www.townplanning.co.nz

Offices in Queenstown, Wānaka, Christchurch & Auckland

APPENDIX G

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Steph Matheson [Hawkeswood]

From: Bridget Coughlan <komiti@tro.org.nz>
Sent: Thursday, 5 October 2023 1:01 pm
To: Steph Matheson [Hawkeswood]
Subject: Automatic reply: Hawkeswood Resources Hui

Tēnā Koe,

Thank you for your email. I am on annual leave until monday 9th october
if your query is urgent please email office@tro.org.nz

Kā mihi
Bridget Coughlan

Steph Matheson [Hawkeswood]

Subject: Canceled: Hawkeswood Resources Hui
Location: 1484 Teviot Road, RD2, Millers Flat 9572

Start: Fri 6/10/2023 10:00 am
End: Fri 6/10/2023 3:30 pm
Show Time As: Free

Recurrence: (none)

Organizer: Steph Matheson [Hawkeswood]
Required Attendees: Simon [Hawkeswood Civil]; riki.parata@hokonuirunanga.org.nz; office@tro.org.nz; admin@puketeraki.nz; theller100@gmail.com; barry@macdonellconsulting.co.nz; komiti@tro.org.nz; waterwayscon@gmail.com
Optional Attendees: bjmacdonell@gmail.com

Kia Ora Koutou,

Hawkeswood Resources proudly invites you to our Hui at our Millers Flat Project site.

Please see attached:

- Official Invitation
- Schedule
- Agenda
- Our Mining Methodology Report

Please let us know if you are able to attend by replying to this email with your numbers. We require this for catering purposes.

RSVP by Wednesday 27th September 5 pm.

We look forward to your response

Ngā mihi
Steph Matheson on behalf of Simon Johnstone

Steph Matheson [Hawkeswood]

From: Steph Matheson [Hawkeswood]
Sent: Wednesday, 27 September 2023 3:17 pm
To: riki.parata@hokonuirunanga.org.nz; office@tro.org.nz; admin@puketeraki.nz; teller100@gmail.com; barry@macdonellconsulting.co.nz; komiti@tro.org.nz; waterwayscon@gmail.com; bjmacdonell@gmail.com; Lynda@hokonuirunanga.org.nz; mollie.lyders@hokonuirunanga.org.nz
Cc: Simon [Hawkeswood Civil]
Subject: Update: Hawkeswood Resources Hui

Kia Ora,

Unfortunately, the date for the Hawkeswood Resources Hui doesn't suit the majority of the Invitees.

Is there a date that would suit you better? For example, Mid Oct, Late Oct, etc

We are very keen to host this gathering to discuss the topics on the Agenda with you all.

I look forward to your response.

Kind Regards,
Steph Matheson

Steph Matheson [Hawkeswood]

From: Lynda Murchison <Lynda@Hokonuirunanga.org.nz>
Sent: Wednesday, 27 September 2023 2:47 pm
To: Riki Parata; Steph Matheson [Hawkeswood]
Cc: Mollie Lyders
Subject: Re: Hawkeswood Resources Hui

My apologies, I will be in Canterbury that week.
Nga mihi
Lynda



Lynda Murchison
Principal Advisor
Hokonui Rūnanga Kaupapa Taiao
Lynda@hokonuirunanga.org.nz
140 Charlton Road, Gore 9774
Waea pūkoro: 0272238070
Website - [Taiao - Hokonui Rūnanga Kaupapa \(hokonuitaiao.org.nz\)](http://Taiao - Hokonui Rūnanga Kaupapa (hokonuitaiao.org.nz))

From: Riki Parata <Riki.Parata@hokonuirunanga.org.nz>
Sent: Monday, September 25, 2023 7:11 PM
To: Steph Matheson [Hawkeswood] <steph@hawkeswood.co.nz>
Cc: Lynda Murchison <Lynda@Hokonuirunanga.org.nz>; Mollie Lyders <mollie.lyders@hokonuirunanga.org.nz>
Subject: RE: Hawkeswood Resources Hui

I know both Lynda Murchison and Mollie Lyders are still to confirm attendance. I will leave with them to let you know.

Rik

From: Steph Matheson [Hawkeswood] <steph@hawkeswood.co.nz>
Sent: Monday, September 25, 2023 11:57 AM
To: Riki Parata <Riki.Parata@hokonuirunanga.org.nz>
Subject: Re: Hawkeswood Resources Hui

You don't often get email from steph@hawkeswood.co.nz. [Learn why this is important](#)

Caution: This is an EXTERNAL email. Please consider safe cyber security practices.

Hi Riki,

Would you have any others who would be interested in attending?
We would be very grateful to have someone/s as a representation.

Ngā mihi
Steph Matheson

From: Riki Parata <Riki.Parata@hokonuirunanga.org.nz>
Date: Friday, 22 September 2023 at 6:58 PM
To: "Steph Matheson [Hawkeswood]" <steph@hawkeswood.co.nz>
Subject: Declined: Hawkeswood Resources Hui

Apologies from me Steph, I am unable to make this date.

Riki
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Steph Matheson [Hawkeswood]

From: Riki Parata <Riki.Parata@hokonuirunanga.org.nz>
Sent: Monday, 25 September 2023 7:12 pm
To: Steph Matheson [Hawkeswood]
Cc: Lynda Murchison; Mollie Lyders
Subject: RE: Hawkeswood Resources Hui

I know both Lynda Murchison and Mollie Lyders are still to confirm attendance. I will leave with them to let you know.

Rik

From: Steph Matheson [Hawkeswood] <steph@hawkeswood.co.nz>
Sent: Monday, September 25, 2023 11:57 AM
To: Riki Parata <Riki.Parata@hokonuirunanga.org.nz>
Subject: Re: Hawkeswood Resources Hui

You don't often get email from steph@hawkeswood.co.nz. [Learn why this is important](#)

Caution: This is an EXTERNAL email. Please consider safe cyber security practices.

Hi Riki,

Would you have any others who would be interested in attending?
We would be very grateful to have someone/s as a representation.

Ngā mihi
Steph Matheson

From: Riki Parata <Riki.Parata@hokonuirunanga.org.nz>
Date: Friday, 22 September 2023 at 6:58 PM
To: "Steph Matheson [Hawkeswood]" <steph@hawkeswood.co.nz>
Subject: Declined: Hawkeswood Resources Hui

Apologies from me Steph, I am unable to make this date.

Riki
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Steph Matheson [Hawkeswood]

From: Jen Lucas <admin@puketeraki.nz>
Sent: Monday, 25 September 2023 8:54 am
To: Steph Matheson [Hawkeswood]
Subject: Hawkeswood Resources Hui

Kia ora Steph

I have an invitation from you for Hawkeswood Resources Hui. This is not a meeting that I would personally attend. Is it intended for our manager?

Kā mihi
nā Jen
Administrator
121 Grimness Street
Karitāne 9440
Phone (03) 465 7300
<http://www.puketeraki.nz/>
<https://www.karitanemaoritours.com/>
<https://meafragrance.co.nz/>



Steph Matheson [Hawkeswood]

From: Riki Parata <Riki.Parata@hokonuirunanga.org.nz>
Sent: Friday, 22 September 2023 6:59 pm
To: Steph Matheson [Hawkeswood]
Subject: Declined: Hawkeswood Resources Hui

Due By: Friday, 6 October 2023 10:00 am

Apologies from me Steph, I am unable to make this date.

Riki
CAUTION: This email and any attachment(s) contains information that is both confidential and possibly legally privileged. No reader may make any use of its content unless that use is approved by Te Rūnanga o Ngāi Tahu and its subsidiary companies separately in writing. Any opinion, advice or information contained in this email and any attachment(s) is to be treated as interim and provisional only and for the strictly limited purpose of the recipient as communicated to us. Neither the recipient nor any other person should act upon it without our separate written authorization of reliance. If you have received this message in error, please notify us immediately and destroy this message.

Steph Matheson [Hawkeswood]

Subject: Hawkeswood Resources Hui
Location: 1484 Teviot Road, RD2, Millers Flat 9572

Start: Fri 6/10/2023 10:00 am
End: Fri 6/10/2023 3:30 pm
Show Time As: Tentative

Recurrence: (none)

Organizer: Steph Matheson [Hawkeswood]
Required Attendees: Simon [Hawkeswood Civil]; riki.parata@hokonuirunanga.org.nz; office@tro.org.nz; admin@puketeraki.nz; theller100@gmail.com; barry@macdonellconsulting.co.nz; komiti@tro.org.nz; waterwayscon@gmail.com

Kia Ora Koutou,

Hawkeswood Resources proudly invites you to our Hui at our Millers Flat Project site.

Please see attached:

- Official Invitation
- Schedule
- Agenda
- Our Mining Methodology Report

Please let us know if you are able to attend by replying to this email with your numbers. We require this for catering purposes.

RSVP by Wednesday 27th September 5 pm.

We look forward to your response

Ngā mihi
Steph Matheson on behalf of Simon Johnstone

Simon [Hawkeswood Civil]

From: Riki Parata <Riki.Parata@hokonuirunanga.org.nz>
Sent: Friday, 26 April 2024 3:34 pm
To: Simon [Hawkeswood Civil]
Subject: Automatic reply: Draft rehab plan

Kia ora

I have currently taken on a new role within the Hokonui Rūnanga to investigate the feasibility of a dedicated research centre for tāonga species in Murihiku. This email will still be active, and I will be checking regularly and forwarding on emails where required. A new email specifically for the research role is riki@kanakanaresearch.co.nz.

In the meantime for all Kaupapa Taiao related matters please contact Lynda Murchison Lynda@hokonuirunanga.org.nz

For any office queries please email Shelley Karena shelley.karena@hokonuirunanga.org.nz and for accounts accounts.taiao@hokonuirunanga.org.nz

For all other matters relating to the Hokonui Rūnanga that isn't Taiao related, please contact hokonui.office@ngaitahu.iwi.nz

Ngā mihi

Riki

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Simon [Hawkeswood Civil]

From: Riki Parata <Riki.Parata@hokonuirunanga.org.nz>
Sent: Friday, 26 April 2024 3:34 pm
To: Simon [Hawkeswood Civil]
Subject: Automatic reply: Draft rehab plan

Kia ora

I have currently taken on a new role within the Hokonui Rūnanga to investigate the feasibility of a dedicated research centre for tāonga species in Murihiku. This email will still be active, and I will be checking regularly and forwarding on emails where required. A new email specifically for the research role is riki@kanakanaresearch.co.nz.

In the meantime for all Kaupapa Taiao related matters please contact Lynda Murchison Lynda@hokonuirunanga.org.nz

For any office queries please email Shelley Karena shelley.karena@hokonuirunanga.org.nz and for accounts accounts.taiao@hokonuirunanga.org.nz

For all other matters relating to the Hokonui Rūnanga that isn't Taiao related, please contact hokonui.office@ngaitahu.iwi.nz

Ngā mihi

Riki

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Simon [Hawkeswood Civil]

From: Tim Vial <tim@aukaha.co.nz>
Sent: Friday, 26 April 2024 3:33 pm
To: Simon [Hawkeswood Civil]
Subject: Automatic reply: [EXT] Draft rehab plan

Tēnā koe, thank you for your email. I will be back in the office on Monday 29th April 2024 and will reply then.
Ka mihi, Tim

Simon [Hawkeswood Civil]

From: Simon [Hawkeswood Civil]
Sent: Tuesday, 23 April 2024 2:00 pm
To: Pam Walker; Tim Vial
Cc: barry@macdonellconsulting.co.nz; Anita Collie
Subject: Draft Rehabilitation Management Plan

Kia Ora,

Unfortunately, there is a slight delay in our draft Rehabilitation Management plan. Hopefully we will have this by Friday.

In the meantime, is there any further information you require to help you assess whether our project is likely to affect the cultural landscapes and the mauri of the Mata-au and Tima Burn?

Ka Mihi,
Simon Johnstone



Simon [Hawkeswood Civil]

From: Simon [Hawkeswood Civil]
Sent: Friday, 12 April 2024 4:31 pm
To: Pam Walker; Tim Vial
Cc: Anita Collie; barry@macdonellconsulting.co.nz; Terry Nicholas (Rep); Matt Dale; Ruth Greer
Subject: Site visit follow up and erosion and sediment control plan

Kia ora Pam and Tim

Thank you for coming to visit yesterday it was good to be able to show you around, it was unfortunate the Runanga representatives were unavailable.

I'm sure you now have a better understanding of our project.

Please see attached our draft erosion and sediment control plan created by Enviroscope and our rehab management plan will be available in the next few days.

Is there any other information you may require to be able to quantify the effects our project may have on ancestral landscapes and the mauri of the river?

Also is there anything else that stood out to you post site visit that you see as possible issues ?

Here is the link to our draft sediment control plan for your

comment. <https://www.dropbox.com/scl/fo/6484b7dm7ga9m755gll8f/AHyqiZlj50mX3SB8iC491H8?rlkey=7kosf35cmb3zqyi1nkuwhoc71&dl=0> looking forward to your comments.

Kā mihi,

Simon Johnstone



Simon [Hawkeswood Civil]

From: Manaia Russell <manaia@aukaha.co.nz>
Sent: Monday, 8 April 2024 1:36 pm
To: Simon [Hawkeswood Civil]
Subject: RE: [EXT] RE: Hawkeswood Site Visit

Kia ora Simon,

The Aukaha team attending is Tim Vial and Pam Walker, the representative attending is Suzanne Ellison. Thank you for the weather update as well I will let the team know rain coats will be needed!

Kā mihi



Manaia Russell

manaia@aukaha.co.nz

Kaiāwhina | Mana Taiao

Level 2, 266 Hanover Street, Dunedin 9016 | PO Box 446, Dunedin 9054

Waea: 03 777 3347

Tari: 03 477 0071

www.aukaha.co.nz



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From: Simon [Hawkeswood Civil] <simon@hawkeswood.co.nz>
Sent: Monday, April 8, 2024 12:31 PM
To: Manaia Russell <manaia@aukaha.co.nz>
Subject: RE: [EXT] RE: Hawkeswood Site Visit

Kia ora Manaia

Thanks for responding with the numbers do we know who we will have coming to visit ?
Nothing major to be aware of here.

Nga Mihi
Simon Johnstone



Simon Johnstone
027 415 8406
simon@hawkeswood.co.nz

From: Manaia Russell <manaia@aukaha.co.nz>
Sent: Monday, April 8, 2024 10:09 AM

To: Simon [Hawkeswood Civil] <simon@hawkeswood.co.nz>

Subject: RE: [EXT] RE: Hawkeswood Site Visit

Kia ora Simon,

Apologies for the delayed response to your inquiry!

I can confirm there will be 3 attending for the site visit on Thursday, they will be arriving at 10.30am. Is there anything the team should be aware of when arriving?

Kā mihi



Manaia Russell

manaia@aukaha.co.nz

Kaiāwhina | Mana Taiao

Level 2, 266 Hanover Street, Dunedin 9016 | PO Box 446, Dunedin 9054

Waea: 03 777 3347

Tari: 03 477 0071

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From: Simon [Hawkeswood Civil] <simon@hawkeswood.co.nz>

Sent: Wednesday, April 3, 2024 2:14 PM

To: Manaia Russell <manaia@aukaha.co.nz>

Subject: RE: [EXT] RE: Hawkeswood Site Visit

Kia ora Manaia

Did you have any luck with numbers for your site visit ?

Thanks

Simon Johnstone



Simon Johnstone
027 415 8406
simon@hawkeswood.co.nz

From: Manaia Russell <manaia@aukaha.co.nz>

Sent: Tuesday, March 26, 2024 9:59 AM

To: Simon [Hawkeswood Civil] <simon@hawkeswood.co.nz>

Subject: RE: [EXT] RE: Hawkeswood Site Visit

Kia ora Simon,

It was a good weekend thank you, Excited for easter weekend for sure!

I have emailed out to Runaka Reps and awaiting to confirm who will be attending. I am hoping to confirm numbers by Thursday, I will follow you up on Thursday.

Kā mihi



Manaia Russell

manaia@aukaha.co.nz

Kaiāwhina | Mana Taiao

Level 2, 266 Hanover Street, Dunedin 9016 | PO Box 446, Dunedin 9054

Waea: 03 777 3347

Tari: 03 477 0071

www.aukaha.co.nz



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From: Simon [Hawkeswood Civil] <simon@hawkeswood.co.nz>

Sent: Monday, March 25, 2024 2:41 PM

To: Manaia Russell <manaia@aukaha.co.nz>

Subject: [EXT] RE: Hawkeswood Site Visit

Kia ora Manaia

Weekend was fantastic thanks, and yours? Hope your looking forward to easter.

We are very excited to have the team visit and the 11th will be fine.

We will commence making the necessary arrangements, if you could come back to me with numbers, please?

Kā mihi

Simon Johnstone



From: Manaia Russell <manaia@aukaha.co.nz>

Sent: Monday, March 25, 2024 2:05 PM

To: Simon [Hawkeswood Civil] <simon@hawkeswood.co.nz>

Subject: Hawkeswood Site Visit

Kia ora Simon,

I hope you had a lovely weekend.

I am emailing regarding the site visit that we are arranging with Runaka representatives. Our reps and the team here at Aukaha are available to attend on Thursday 11th April. We would be arriving on site at 10.30am and concluding the visit at 4.30pm. Please advise if that will be suitable for your team.

Looking forward to your response!

Kā mihi



Manaia Russell

manaia@aukaha.co.nz

Kaiāwhina | Mana Taiao

Level 2, 266 Hanover Street, Dunedin 9016 | PO Box 446, Dunedin 9054

Waea: 03 777 3347

Tari: 03 477 0071

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Simon [Hawkeswood Civil]

From: Simon [Hawkeswood Civil]
Sent: Thursday, 21 March 2024 7:23 am
To: Pam Walker; Tim Vial
Cc: riki.parata@hokonuirunanga.org.nz; Matt Dale; Ruth Greer; komiti@tro.org.nz; Terry Nicholas (Rep); Anita Collie; barry@macdonellconsulting.co.nz
Subject: Archeological report

Kia ora Pam and Tim

The Millers Flat mine archaeological report has been finalised again and we would like to share it with you all, we welcome your comment if you so desire.

 [J011628_AA_Rev H.pdf](#)

Is there any thought been put into organising a site visit ?

Kā mihi nui

Simon Johnstone



Simon [Hawkeswood Civil]

From: Pam Walker <pam@aukaha.co.nz>
Sent: Monday, 18 March 2024 9:24 am
To: barry@macdonellconsulting.co.nz; Simon [Hawkeswood Civil]
Cc: Kate Timms-Dean; Sandra McIntyre; Tim Vial
Subject: RE: [EXT] FW: Hawkeswood Mining Limited - RC230325 and RM23.819 - Alluvial gold mining - Millers Flat

Kia ora Barry,

Tim Vial has already addressed your proposal regarding native revegetation as below.

We are actively organising a date for the site visit and we will be in touch with you and Simon shortly.

Kā mihi,



Pam Walker

Kaiwhakamahere Matua Whakaaetaka (Senior Planner - Consents)
Mana Taiao

Level 2, 266 Hanover Street, Dunedin 9016 | PO Box 446, Dunedin 9054

Tari: 03 477 0071

Waea Pūkoro: 021 1927 289

Work hours – I work 3 days a week - Monday, Tuesday, and usually Thursday.
I don't work Fridays.

www.aukaha.co.nz



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From: barry@macdonellconsulting.co.nz <barry@macdonellconsulting.co.nz>
Sent: Monday, March 18, 2024 9:12 AM
To: Tim Vial <tim@aukaha.co.nz>
Cc: Pam Walker <pam@aukaha.co.nz>; Kate Timms-Dean <kate@aukaha.co.nz>; Sandra McIntyre <sandra@aukaha.co.nz>
Subject: RE: [EXT] FW: Hawkeswood Mining Limited - RC230325 and RM23.819 - Alluvial gold mining - Millers Flat

Tim

Any further thoughts on your availability for a site visit ?

The reason I raised the biodiversity offset suggestion was because at 8.17 of your submission it notes there should be planting of indigenous species to restore biodiversity values in this catchment. That suggests to me there could be offset planting somewhere in the catchment, but not necessarily on the site (which is farmland).

I realise this would not address all of your concerns, but it might go some way.

Regards
Barry

From: Tim Vial <tim@aukaha.co.nz>
Sent: Tuesday, March 12, 2024 4:39 PM
To: barry@macdonellconsulting.co.nz
Cc: Pam Walker <pam@aukaha.co.nz>; Kate Timms-Dean <kate@aukaha.co.nz>; Sandra McIntyre <sandra@aukaha.co.nz>
Subject: RE: [EXT] FW: Hawkeswood Mining Limited - RC230325 and RM23.819 - Alluvial gold mining - Millers Flat

Kia ora Barry

Thank you for your email and your enquiry regarding native revegetation.

The submission lodged by Aukaha on behalf of Kāti Huirapa Rūnaka ki Puketeraki, Te Rūnanga o Ōtākou and Hokonui Rūnanga (Kāi Tahu) identified a range of issues of concern with the Hawkeswood Mining application including the effects of mining on:

- a. The mauri of wai māori and Te Mana o te Wai.
- b. The connections and interactions between surface water bodies and the aquifer.
- c. The potential discharge of contaminants to land and water.
- d. The on-going relationship of Kāi Tahu with wāhi tūpuna in this catchment.
- e. The potential for the destruction and modification of archaeological sites in a landscape that has a long history of occupation and use by Kāi Tahu.

The proposed use of biodiversity offsets does not address the fundamental issues of concern for Kāi Tahu that arise from this alluvial mining proposal.

We are currently endeavouring to organise a site visit which will enable Kā Rūnaka to better understand the context for this proposal.

Kā mihi, Tim



Tim Vial

Senior Planner
Level 2, 266 Hanover Street
Dunedin Central
Dunedin 9016
Waea: 03 777 3107
Waea Pūkoro: 021 584 690
Tari: 03 477 0071
www.aukaha.co.nz



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From: barry@macdonellconsulting.co.nz <barry@macdonellconsulting.co.nz>
Sent: Tuesday, March 12, 2024 3:24 PM
To: Tim Vial <tim@aukaha.co.nz>
Subject: [EXT] FW: Hawkeswood Mining Limited - RC230325 and RM23.819 - Alluvial gold mining - Millers Flat

Tim ?

From: barry@macdonellconsulting.co.nz <barry@macdonellconsulting.co.nz>
Sent: Thursday, February 29, 2024 12:54 PM
To: 'Tim Vial' <tim@aukaha.co.nz>
Subject: RE: Hawkeswood Mining Limited - RC230325 and RM23.819 - Alluvial gold mining - Millers Flat

Tim

Just going through the Aukaha submission, I see at 8.17 you are keen on native revegetation. It's probably not practical on this site generally, because the landowners want their land returned to pasture post mining, apart from a limited amount of riparian reveg that could occur alongside the Mata Au. However Hawkeswood would be interested in helping out with any other revegetation programme (riparian or wetland) on another site that may be on your to do list. Would that be of interest ?

Regards
Barry

From: Tim Vial <tim@aukaha.co.nz>
Sent: Monday, February 19, 2024 3:15 PM
To: Resource Consents <resource.consents@codc.govt.nz>; 'submissions@orc.govt.nz' <submissions@orc.govt.nz>
Cc: Anita@townplanning.co.nz; barry@macdonellconsulting.co.nz
Subject: Hawkeswood Mining Limited - RC230325 and RM23.819 - Alluvial gold mining - Millers Flat

Tēnā kōrua

Please find attached the submission of Kāti Huirapa Rūnaka ki Puketeraki, Te Rūnanga o Ōtākou and Hokonui Rūnanga (Kāi Tahu / Kā Rūnaka) on the above proposal.

Kā mihi, Tim



Tim Vial

Senior Planner
Level 2, 266 Hanover Street
Dunedin Central
Dunedin 9016
Waea: 03 777 3107
Waea Pūkoro: 021 584 690
Tari: 03 477 0071
www.aukaha.co.nz



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Simon [Hawkeswood Civil]

From: Simon [Hawkeswood Civil]
Sent: Wednesday, 6 March 2024 9:14 am
To: Pam Walker; Tim Vial
Cc: barry@macdonellconsulting.co.nz; Andrew [Hawkeswood Civil]; Anita Collie
Subject: Update

Kia ora Pam and Tim

I write you to keep you informed on our projects progress over the last couple of weeks we have been working very hard with Victoria Ross from Heritage Properties who's taken over our project since Megan has gone on maternity leave. We had a meeting with Rebecca Benham of Heritage New Zealand and her team including Darran Kerei-Keepa on the 23/ 2/24 to help us all get a handle on how the archaeological side of this project is going to operate and to put some faces to names which was nice.

The outcome of the meeting suggested we need to have a site visit with Victoria to help us all get a good feel for what is involved.

Last week Victoria came to site and we spent 5 hours traversing the site discussing the Archaeological features, and commenced a topsoil stripping test.

Here are some drone videos of the archaeological sites

<https://www.dropbox.com/scl/fo/ima5fj97mfbzn380qyt73/h?rlkey=odg2ilzxetzn9b6xvgdbnx8mc&dl=0>

Meanwhile our planners are working hard to prepare for the hearing, and our onsite staff here are getting very close to having the dredge completed.

It appears as though we will be making some updates to our archaeological report. The team were wondering if it was worth sending to you to possibly comment on the updates? They should be hopefully finalised 7/3/24.

Also have you considered a time and date that would be acceptable for a site visit as we discussed in our meeting 25 January ?

Kā mihi,

Thanks
Simon Johnstone



Simon Johnstone
027 415 8406
simon@hawkeswood.co.nz

Simon [Hawkeswood Civil]

From: Simon [Hawkeswood Civil]
Sent: Friday, 16 February 2024 4:12 pm
To: Pam Walker; Tim Vial
Cc: Andrew [Hawkeswood Civil]; barry@macdonellconsulting.co.nz; Anita Collie; Megan Lawrence
Subject: Site Visit
Attachments: FW: RMA Comments - RMA Task Assignment - NC688 Hawkeswood Mining Limited (Submission) ; RE: RMA Comments - RMA Task Assignment - NC688 Hawkeswood Mining Limited (Submission)

Kia ora Pam and Tim

Thoroughly enjoyed our teams meeting 25/1/24 and thank you for making the time. As a result, we are very excited to have you visit our site.

I was wondering if you had put any thought into a date that would work for you, we are happy to be available to fit in with your busy schedule.

I also thought I should mention we have been in discussions with Herb Familton from DOC which should hopefully put any Tima Burn issues you may have to rest please see attached emails.

We have also been chatting with the Hokonui Rūnanga regarding our project.

Have you had any response regarding the Archology report ?

Kā mihi,

Simon Johnstone



Simon [Hawkeswood Civil]

From: Pam Walker <pam@aukaha.co.nz>
Sent: Thursday, 15 February 2024 3:40 pm
To: Victoria Ross
Cc: Dawn Cropper; Simon [Hawkeswood Civil]; Huia Pacey; Gwen Hoopmann; Megan Lawrence; RBenham@heritage.org.nz; Tim Vial
Subject: [EXT] RE: Return of Archaeological Authority Application

Kia ora Victoria,

We are not available to engage with you at this time.

We will be submitting on the resource consents applications lodged by the applicant with both the ORC and with CODC, and will be asking to be heard.

Kā mihi,



Pam Walker

Kaiwhakamahere Matua Whakaaetaka (Senior Planner - Consents)

Mana Taiao

Level 2, 266 Hanover Street, Dunedin 9016 | PO Box 446, Dunedin 9054

Tari: 03 477 0071

Waea Pūkoro: 021 1927 289

Work hours – I work 3 days a week - Monday, Tuesday, and usually Thursday.

I don't work Fridays.

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From: Victoria Ross <victoria@heritageproperties.co.nz>
Sent: Monday, February 12, 2024 4:33 PM
To: RBenham@heritage.org.nz; Pam Walker <pam@aukaha.co.nz>
Cc: Dawn Cropper <dawn@heritageproperties.co.nz>; Simon [Hawkeswood Civil] <simon@hawkeswood.co.nz>; Huia Pacey <HPacey@heritage.org.nz>; Gwen Hoopmann <ghoopmann@heritage.org.nz>; Megan Lawrence <megan@heritageproperties.co.nz>
Subject: [EXT] RE: Return of Archaeological Authority Application

Kia ora Rebecca and Pam,

I am emailing regarding the archaeology for the proposed mine works along Teviot Road, Millers Flat. As you may know, Megan is heading off on maternity leave at the end of this week, so I am taking over the management of this project and will be the approved person on the authority application.

Following the feedback from HNZPT we're making some amendments to the archaeological assessment presently and we would like to set up another meeting with Aukaha and HNZPT to discuss these few changes. We were wondering if you would have time to meet with Simon and ourselves (likely myself and Dawn)? Would Wed 21st or Mon 26th work? Pam, we wondered if having Rūnaka representatives may be helpful as well if they were available.

Please let us know if those dates work for you and we can set up a time.

Kā mihi,

Victoria Ross | Principal Archaeologist | PH. 027 291 5913 | E. victoria@heritageproperties.co.nz



New Zealand Heritage Properties Ltd p. (03) 477 3933 | Salisbury House, 106 Bond Street, Dunedin 9016, NZ
<http://www.heritageproperties.co.nz>

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From: Rebecca Benham <RBenham@heritage.org.nz>

Sent: Friday, February 2, 2024 3:21 PM

To: Simon [Hawkeswood Civil] <simon@Hawkeswood.co.nz>

Cc: Victoria Ross <victoria@heritageproperties.co.nz>; Huia Pacey <HPacey@heritage.org.nz>; Antrim Archaeologists <AntrimArch@heritage.org.nz>

Subject: Return of Archaeological Authority Application

Re. 2024/367R

Tēnā koe Simone,

Please find attached a letter returning your application outlining what information is required before it can be accepted for processing. Once these matters have been addressed, a new application for an authority can be made.

Ngā mihi,

Rebecca.

Rebecca Benham (she/her) | Archaeologist Poutairangahia | Heritage New Zealand Pouhere Taonga | Level 2, Standard Building, 201 Princes Street, Dunedin | PO Box 5467 Dunedin 9058, New Zealand | Ph: +64 (03) 477 9871 | mobile: 027 240 8715 Email:

rbenham@heritage.org.nz

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Simon [Hawkeswood Civil]

From: Simon [Hawkeswood Civil]
Sent: Wednesday, 24 January 2024 11:18 am
To: Pam Walker
Subject: Accepted: Hawkeswood Mining Ltd

Simon [Hawkeswood Civil]

From: Simon [Hawkeswood Civil]
Sent: Tuesday, 23 January 2024 1:41 pm
To: Pam Walker
Subject: RE: [EXT] Archaeological report and CIA

Kia ora Pam
Is it possible to make the teams meeting Thursday afternoon ?

Kā mihi,
Simon Johnstone



From: Pam Walker <pam@aukaha.co.nz>
Sent: Monday, January 22, 2024 11:27 AM
To: Simon [Hawkeswood Civil] <simon@hawkeswood.co.nz>
Subject: FW: [EXT] Archaeological report and CIA

Kia ora Simon,

We have not got the capacity to prepare a CIA. Nor have we ever committed to this.

With regard to the draft archaeological report we would need to check with rūnaka as to whether they would want to be involved in this and to comment. Once we have reviewed the resource consent applications that have just been publicly notified with the CODC and with ORC then we may be in a better place to advise after liaising with rūnaka.

As previously advised if you want to update us on your project development and consent applications we would be available for a short TEAMS meeting. Tim Vial and I could make space this week for that to occur – I think just 20 mins should be sufficient but I have allowed for 30 mins in case you need longer.

I will send you an invite now.

Kā mihi,



Pam Walker
Kaiwhakamahere Matua Whakaaetaka (Senior Planner - Consents)
Mana Taiao
Level 2, 266 Hanover Street, Dunedin 9016 | PO Box 446, Dunedin 9054
Tari: 03 477 0071
Waea Pūkoro: 021 1927 289

Work hours – I work 3 days a week - Monday, Tuesday, and usually Thursday.

I don't work Fridays.

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From: Simon [Hawkeswood Civil] <simon@hawkeswood.co.nz>

Sent: Thursday, January 18, 2024 11:42 AM

To: Pam Walker <pam@aukaha.co.nz>; Tim Vial <tim@aukaha.co.nz>

Cc: Andrew [Hawkeswood Civil] <andrew@hawkeswood.co.nz>; Anita Collie <anita@townplanning.co.nz>;

barry@macdonellconsulting.co.nz

Subject: [EXT] Archaeological report and CIA

Kia ora Pam and Tim

We are urgently seeking your advice and recommendations on Megan and Olivers draft archaeological report, we would like to finalise this and get it lodged with NZHTP.

Also following up on the CIA is there an estimated date we could expect this ?

Kā mihi nui

Simon Johnstone



Simon [Hawkeswood Civil]

From: Tim Vial <tim@aukaha.co.nz>
Sent: Monday, 8 January 2024 1:54 pm
To: Simon [Hawkeswood Civil]
Subject: Automatic reply: [EXT] Millers flat mine CIA

Tēnā koe, thank you for your email. I will be back in the office on Monday 15th January 2024 and will reply then. He mihi mō te Kirihimete me te tau hou hoki, Tim

Simon [Hawkeswood Civil]

From: Simon [Hawkeswood Civil]
Sent: Wednesday, 29 November 2023 3:07 pm
To: Tim Vial; Pam Walker; tania@aukaha.co.nz
Cc: Andrew Hawkeswood [Hawkeswood Civil Ltd]; Anita Collie; barry@macdonellconsulting.co.nz; riki.parata@hokonuirunanga.org.nz; Matt Dale; Ruth Greer; komiti@tro.org.nz
Subject: Millers flat

Kia ora Pam, Tim and Tania

I would like to follow up on my previous emails requesting a time to consult with you regarding the Cultural impact report, in relation to our resource consent applications with Central Otago District Council and the Otago Regional Council.

Also your advice and recommendations on Megan and Olivers draft archaeological report as we would like to finalise this and get it lodged with NZHTP.

I understand time is scarce during the lead up to Christmas so we will happily manage our calendars to fit in with any time that suits for discussion.

Kā mihi nui

Simon Johnstone



Simon [Hawkeswood Civil]

From: Pam Walker <pam@aukaha.co.nz>
Sent: Tuesday, 21 November 2023 10:18 am
To: Simon [Hawkeswood Civil]
Subject: Automatic reply: [EXT] RE: Hawkeswood Mining Ltd - Aukaha

Kia ora,

I am currently on annual leave until the 6 December. Please contact Aukaha Consents for assistance at consents@aukaha.co.nz

Kā mihi,

Pam Walker

Simon [Hawkeswood Civil]

From: Matt Dale <matt@waterscapeconnections.co.nz>
Sent: Monday, 13 November 2023 2:32 pm
To: Simon [Hawkeswood Civil]
Cc: Consents@aukaha.co.nz; riki.parata@hokonuirunanga.org.nz; Ruth Greer; komiti@tro.org.nz
Subject: RE: Archaeological Report

Kia ora Simon, thanks for sending through the additional information. We appreciate being kept in the loop, but any formal response and/or correspondence will be through Aukaha.

Kā mihi,

Matt.D.

Matt Dale

Kaiwhakahaere Whakakaupapa Taiao – Kāti Huirapa Rūnaka ki Puketeraki

Ph: +64 21 710 559

Email: matt@waterscapeconnections.co.nz



From: Simon [Hawkeswood Civil] <simon@hawkeswood.co.nz>
Sent: Monday, November 13, 2023 12:12 PM
To: Matt Dale <matt@waterscapeconnections.co.nz>
Cc: Consents@aukaha.co.nz; riki.parata@hokonuirunanga.org.nz; Ruth Greer <office@tro.org.nz>; komiti@tro.org.nz
Subject: Archaeological Report

Kia ora

Please see attached cover letter

Also the latest version of Megans historical report can be found on this link [\[011628_AA_Rev C.pdf\]](#)

This is the link to the CODC AEE [\[FINAL FOR LODGEMENT\]](#)

Here is the link to the ORC AEE <https://www.dropbox.com/t/fk69GkQGCKnHvWZZ>

We are absolutely determined and deeply committed to gaining your insights and addressing any concerns you may have. To facilitate this, we kindly request your availability for a meeting. We are open to travelling to your location individually or, if it is more convenient for you, we are fully prepared to host you on-site, as previously discussed.

Please let us know your preferred date and time for a meeting, and we will make the necessary arrangements to ensure a productive and informative discussion. Your input is of the upmost importance to us, and we are eager to move forward collaboratively

Kā mihi nui

Simon Johnstone



Simon [Hawkeswood Civil]

From: Matt Dale <matt@waterscapeconnections.co.nz>
Sent: Wednesday, 25 October 2023 11:40 am
To: Simon [Hawkeswood Civil]
Cc: Malcom Walker
Subject: RE: Millers Flat Gold Mine Project

Kia ora Simon, thanks for sending that info through to Suzanne. We are having a hui on Friday to discuss how the Rūnaka would like to approach this and should be able to get back to you early next week with the preferred approach. Suzanne has asked me to be the point of contact for this kaupapa so feel free to get in touch if you have any more info or questions.

Kā mihi,

Matt.D.

Matt Dale

Kaiwhakahaere Whakakaupapa Taiao – Kāti Huirapa Rūnaka ki Puketeraki

Ph: +64 21 710 559

Email: matt@waterscapeconnections.co.nz



From: Suzanne Ellison <manager@puketeraki.nz>
Sent: Wednesday, October 25, 2023 11:07 AM
To: Emma Davison <komiti@puketeraki.nz>; Matt Dale <matt@waterscapeconnections.co.nz>
Subject: FW: Millers Flat Gold Mine Project

Kia ora,

Leaving to you to acknowledge receipt of the email & to follow up with KKT as appropriate.

Nā Suzanne

From: Simon [Hawkeswood Civil] <simon@hawkeswood.co.nz>
Sent: Tuesday, October 24, 2023 1:13 PM
To: Simon [Hawkeswood Civil] <simon@hawkeswood.co.nz>
Subject: Millers Flat Gold Mine Project

Kia Ora,

Please see attached cover letter and Mining Methodology report regarding our Millers Flat God Mine Project.

We look forward to your responses.

Thanks
Simon Johnstone



Simon [Hawkeswood Civil]

From: Steph Matheson [Hawkeswood]
Sent: Wednesday, 27 September 2023 3:17 pm
To: riki.parata@hokonuirunanga.org.nz; office@tro.org.nz; admin@puketeraki.nz; teller100@gmail.com; barry@macdonellconsulting.co.nz; komiti@tro.org.nz; waterwayscon@gmail.com; bjmacdonell@gmail.com; Lynda@hokonuirunanga.org.nz; mollie.lyders@hokonuirunanga.org.nz
Cc: Simon [Hawkeswood Civil]
Subject: Update: Hawkeswood Resources Hui

Kia Ora,

Unfortunately, the date for the Hawkeswood Resources Hui doesn't suit the majority of the Invitees.

Is there a date that would suit you better? For example, Mid Oct, Late Oct, etc

We are very keen to host this gathering to discuss the topics on the Agenda with you all.

I look forward to your response.

Kind Regards,
Steph Matheson

Simon [Hawkeswood Civil]

From: Simon [Hawkeswood Civil]
Sent: Friday, 15 September 2023 3:54 pm
To: komiti@tro.org.nz
Subject: FW: Invitation to Hawkeswood Resources Hui
Attachments: Hui Invitation .pdf; Millers Flat Hui Schedule.pdf; Millers Flat Hui Agenda.pdf

Kia Ora Koutou,

Hawkeswood Resources proudly invites you to our Hui at our Millers Flat Project site.

Please see attached:

- Official Invitation
- Schedule
- Agenda

Please let us know if you are able to attend by replying to this email with your numbers. We require this for catering purposes.

We look forward to your response

Ngā mihi
Simon Johnstone

Thanks
Simon Johnstone



Simon [Hawkeswood Civil]

From: Makareta Wesley-Evans <makareta@aukaha.co.nz>
Sent: Friday, 2 September 2022 2:33 pm
To: Simon [Hawkeswood Civil]; Anita@townplanning.co.nz
Cc: aukaha@findmyjob.com
Subject: Aukaha Letter of Engagement
Attachments: Aukaha Letter of Engagement J004595.pdf

Kia ora Simon

Thank you for your application lodgement through our website.

The attached document is a Letter of Engagement which has background information of what Aukaha (formally KTKO) undertakes. It includes our hourly rates and a copy of our terms and conditions which you have agreed to at the time of submitting your application.

I will be your point of contact for all administration.

Kia pai tō rā

Kā mihi



Makareta Wesley-Evans

Kaitautoko | makareta@aukaha.co.nz

Level 2, 266 Hanover Street, Dunedin 9016 | PO Box 446, Dunedin 9054

Tari: 03 477 0071

www.aukaha.co.nz



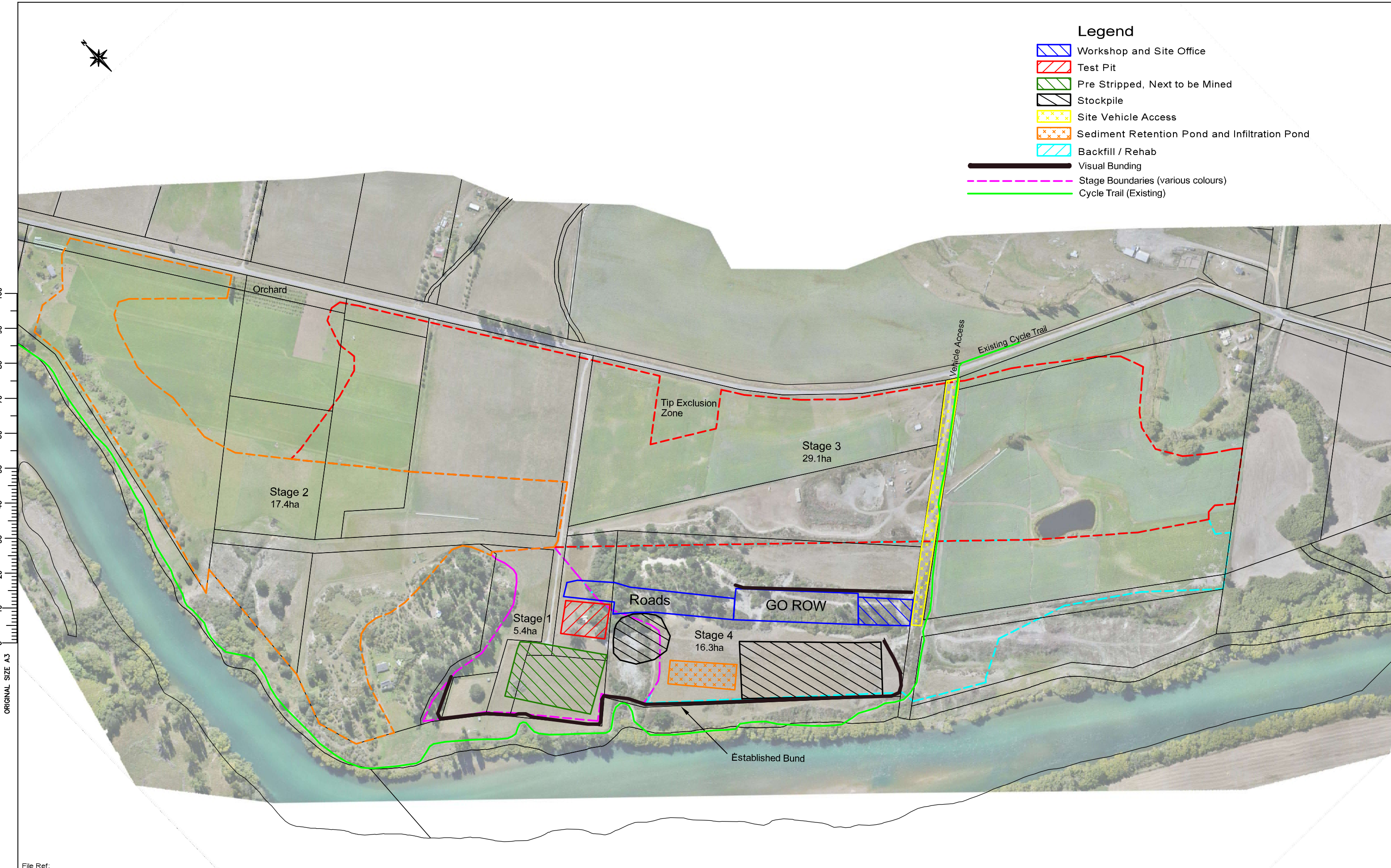
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APPENDIX H - MERGED SITE PLANS



Legend

-  Workshop and Site Office
-  Test Pit
-  Pre Stripped, Next to be Mined
-  Stockpile
-  Site Vehicle Access
-  Sediment Retention Pond and Infiltration Pond
-  Backfill / Rehab
-  Visual Bunding
-  Stage Boundaries (various colours)
-  Cycle Trail (Existing)



ORIGINAL SIZE A3
0
10
20
30
40
50
60
70
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90
100

File Ref:

Prepared For:

Hawkeswood Mining

No.	Amendments	Drawn	Date

Site Plan - Start











Millers Flat Alluvial Gold Mine

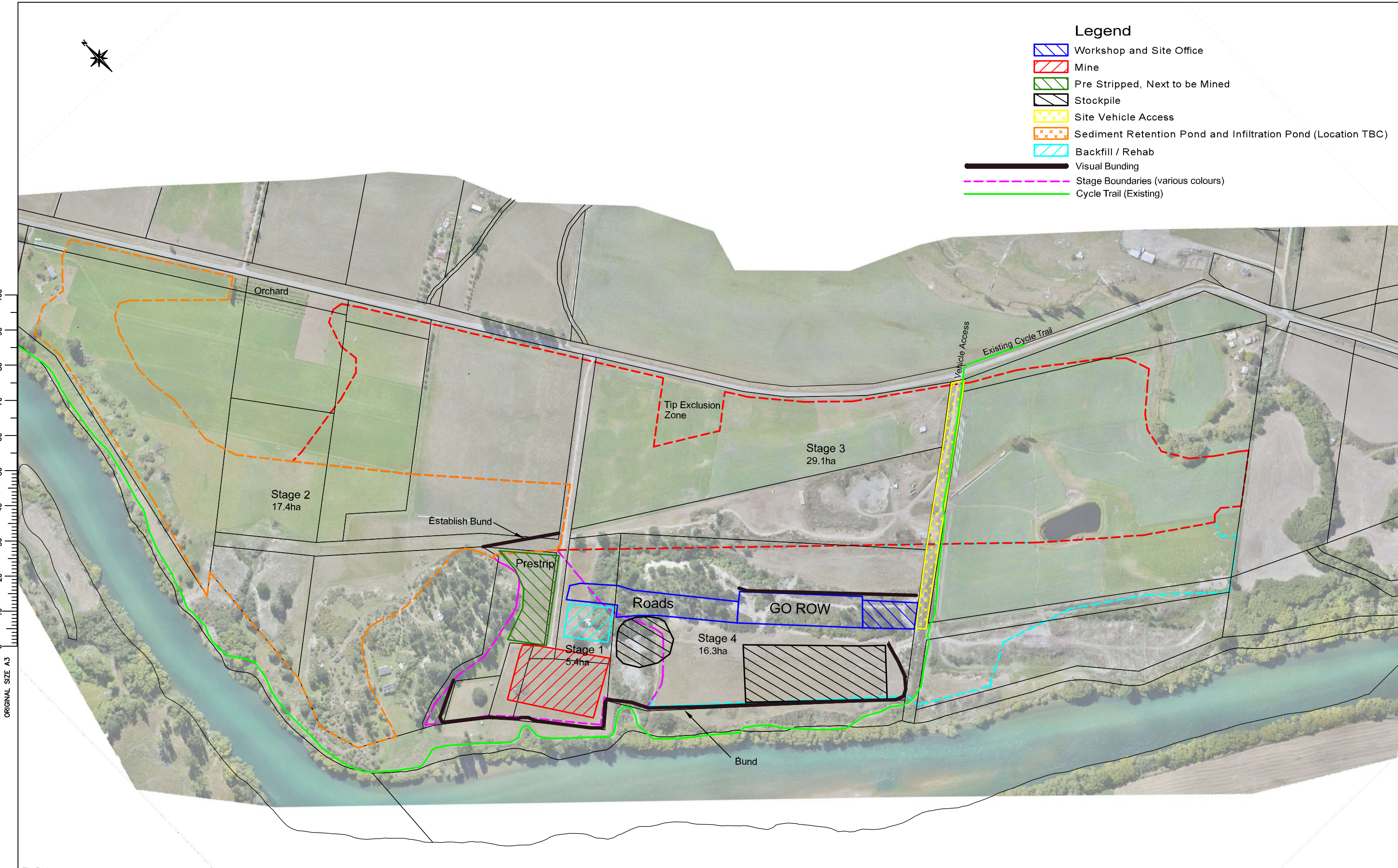
Project No.:	Surveyed:
Scale: 1:5000	Designed:
Date: 22/04/2024	Drawn: JR
Sheet: 1	Checked: JR





Legend

-  Workshop and Site Office
-  Mine
-  Pre Stripped, Next to be Mined
-  Stockpile
-  Site Vehicle Access
-  Sediment Retention Pond and Infiltration Pond (Location TBC)
-  Backfill / Rehab
-  Visual Bunding
-  Stage Boundaries (various colours)
-  Cycle Trail (Existing)



ORIGINAL SIZE A3

File Ref:

Prepared For:

Hawkeswood Mining

No.	Amendments	Drawn	Date

Site Plan - Stage 1











Millers Flat Alluvial Gold Mine

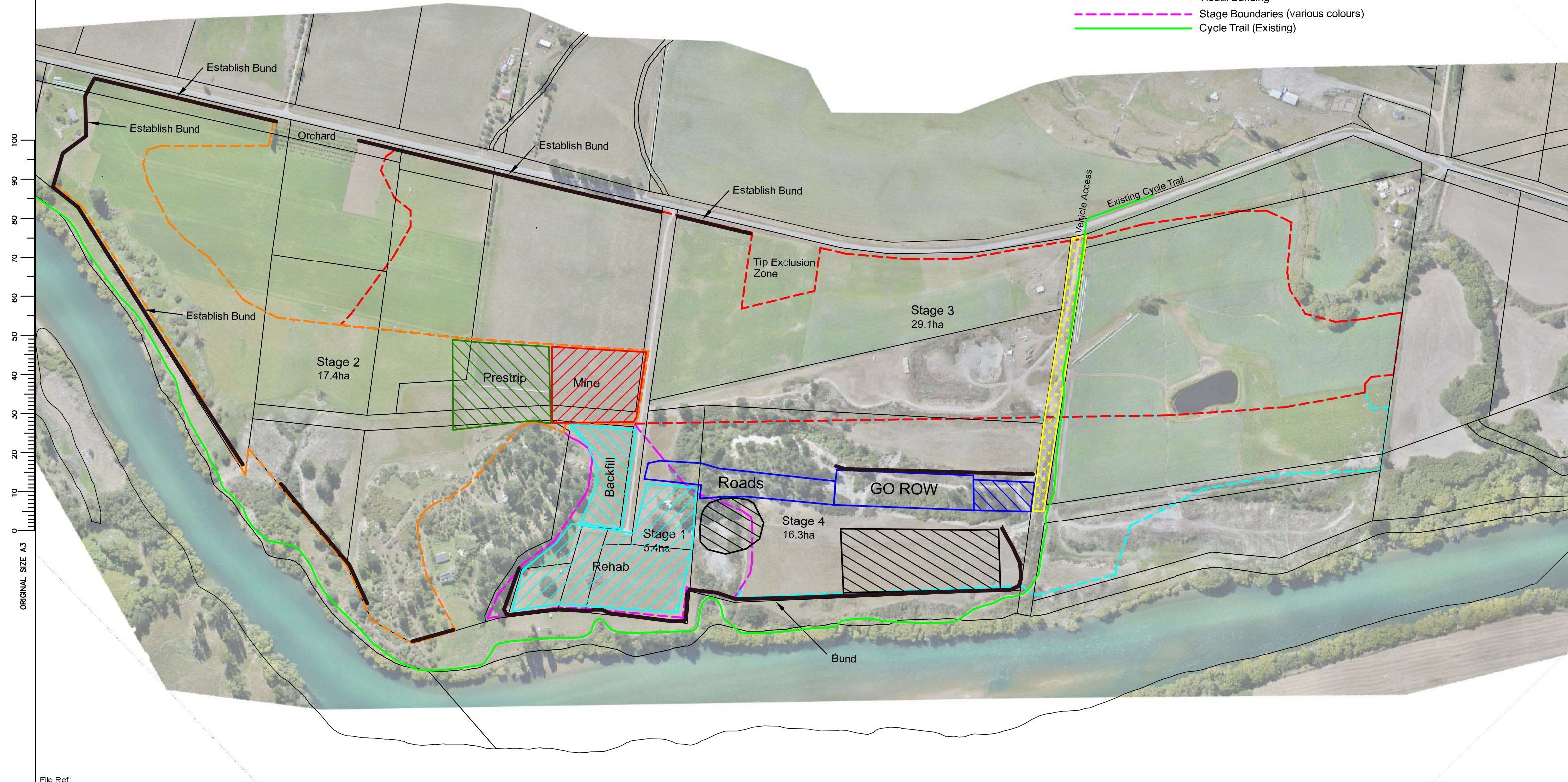
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Scale:	1:5000	Designed:	
Date:	22/04/24	Drawn:	JR
Sheet:	2	Checked:	JR





Legend

-  Workshop and Site Office
-  Mine
-  Pre Stripped, Next to be Mined
-  Stockpile
-  Site Vehicle Access
-  Sediment Retention Pond and Infiltration Pond (Location TBC)
-  Backfill / Rehab
-  Visual Bunding
-  Stage Boundaries (various colours)
-  Cycle Trail (Existing)



File Ref:

Prepared For:

Hawkeswood Mining

No.	Amendments	Drawn	Date

Site Plan - Stage 2











Millers Flat Alluvial Gold Mine

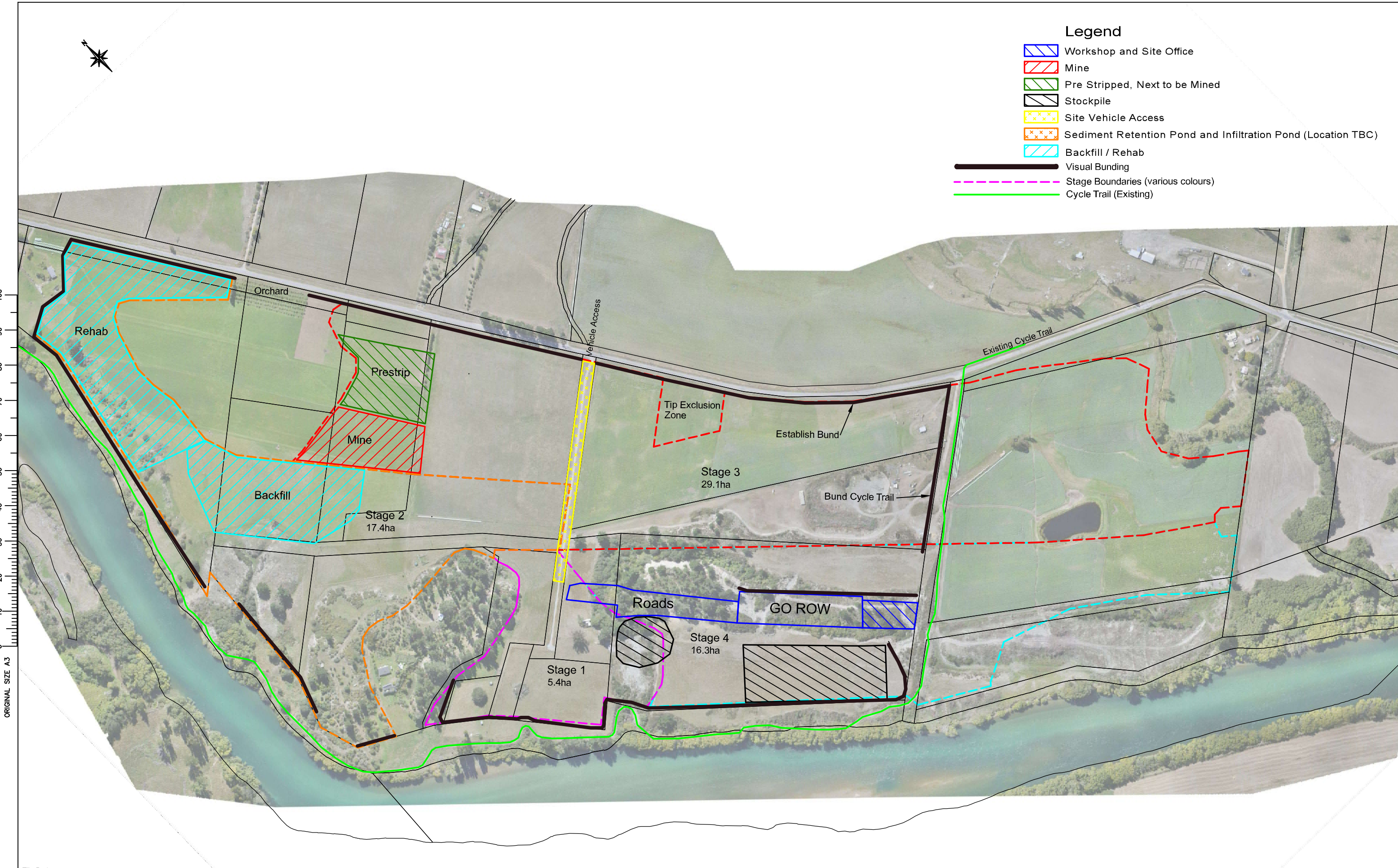
Project No.:	Surveyed:
Scale: 1:5000	Designed:
Date: 22/04/2024	Drawn: JR
Sheet: 3	Checked: JR





Legend

-  Workshop and Site Office
-  Mine
-  Pre Stripped, Next to be Mined
-  Stockpile
-  Site Vehicle Access
-  Sediment Retention Pond and Infiltration Pond (Location TBC)
-  Backfill / Rehab
-  Visual Bunding
-  Stage Boundaries (various colours)
-  Cycle Trail (Existing)



File Ref:

Prepared For:

Hawkeswood Mining

No.	Amendments	Drawn	Date

Site Plan - Start of Stage 3A











Millers Flat Alluvial Gold Mine

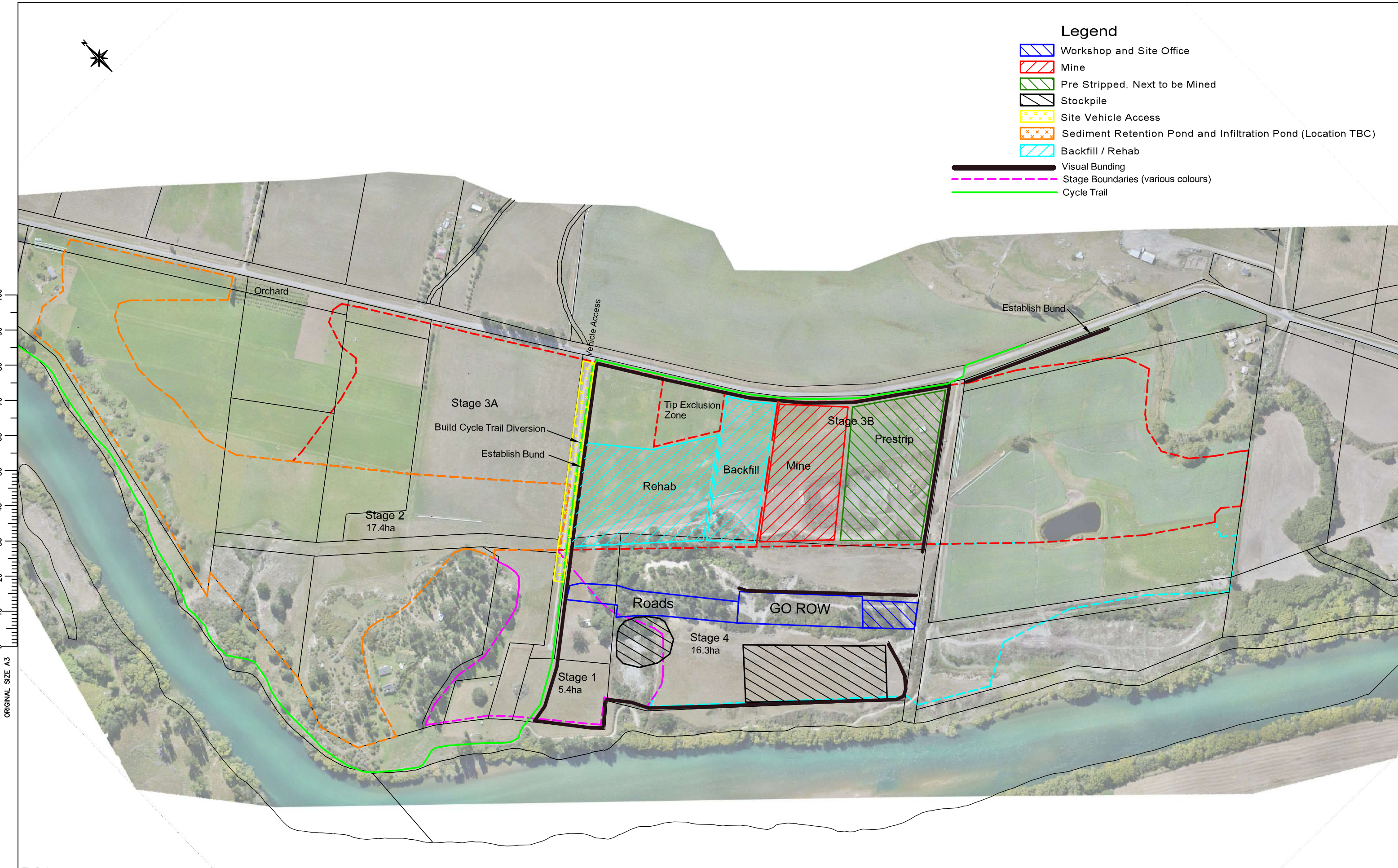
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Scale:	1:5000	Designed:	
Date:	22/04/2024	Drawn:	JR
Sheet:	4	Checked:	JR





Legend

-  Workshop and Site Office
-  Mine
-  Pre Stripped, Next to be Mined
-  Stockpile
-  Site Vehicle Access
-  Sediment Retention Pond and Infiltration Pond (Location TBC)
-  Backfill / Rehab
-  Visual Bunding
-  Stage Boundaries (various colours)
-  Cycle Trail



ORIGINAL SIZE A3

File Ref:

Prepared For:

Hawkeswood Mining

No.	Amendments	Drawn	Date

Site Plan - Stage 3B











Millers Flat Alluvial Gold Mine

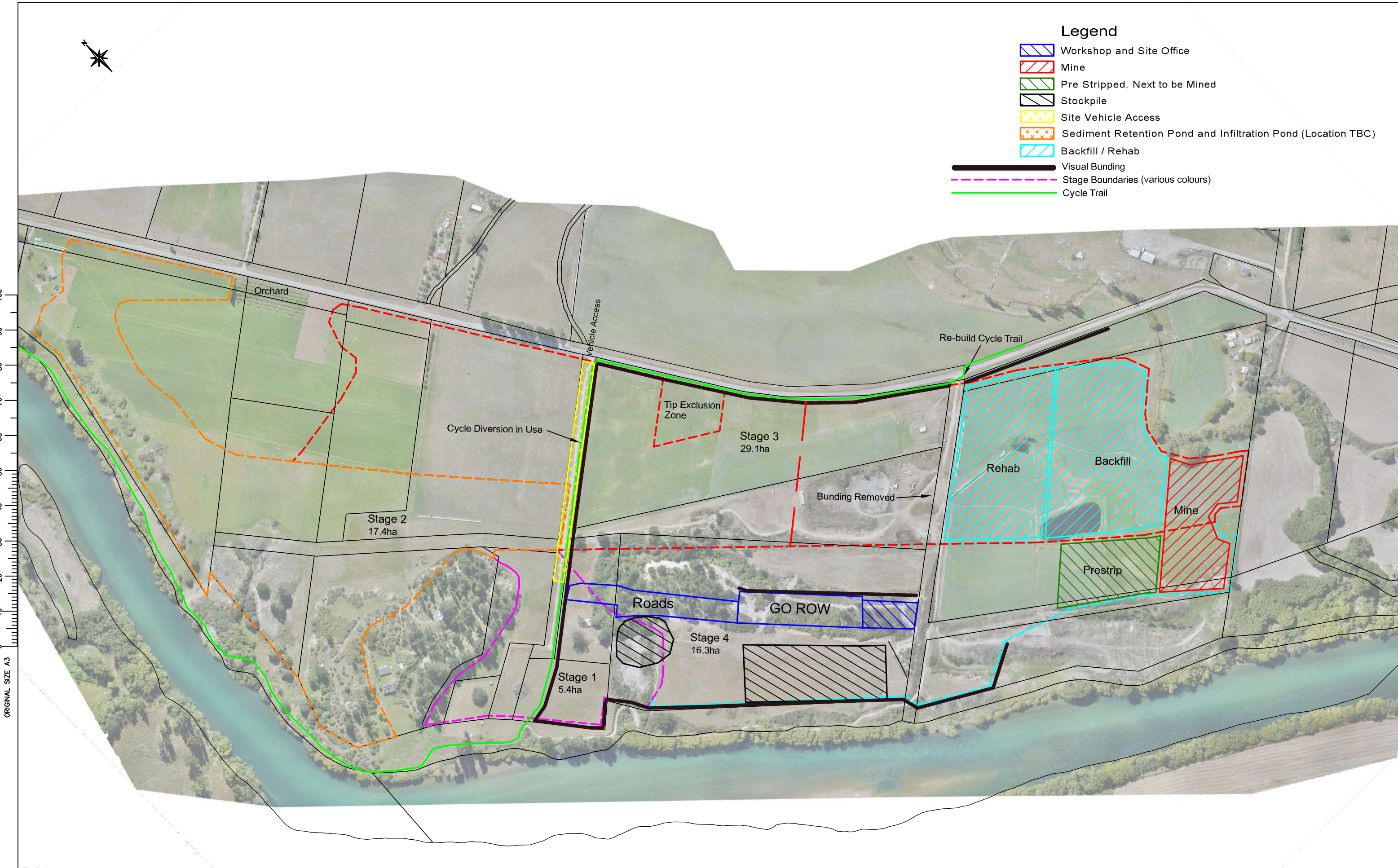
Project No.:	Surveyed:
Scale: 1:5000	Designed:
Date: 22/04/2024	Drawn: JR
Sheet: 5	Checked: JR





Legend

-  Workshop and Site Office
-  Mine
-  Pre Stripped, Next to be Mined
-  Stockpile
-  Site Vehicle Access
-  Sediment Retention Pond and Infiltration Pond (Location TBC)
-  Backfill / Rehab
-  Visual Bunding
-  Stage Boundaries (various colours)
-  Cycle Trail



ORIGINAL SIZE A3
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50
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70
80
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File Ref:

Prepared For:

Hawkeswood Mining

No.	Amendments	Drawn	Date

Site Plan - Start of Stage 4











Millers Flat Alluvial Gold Mine

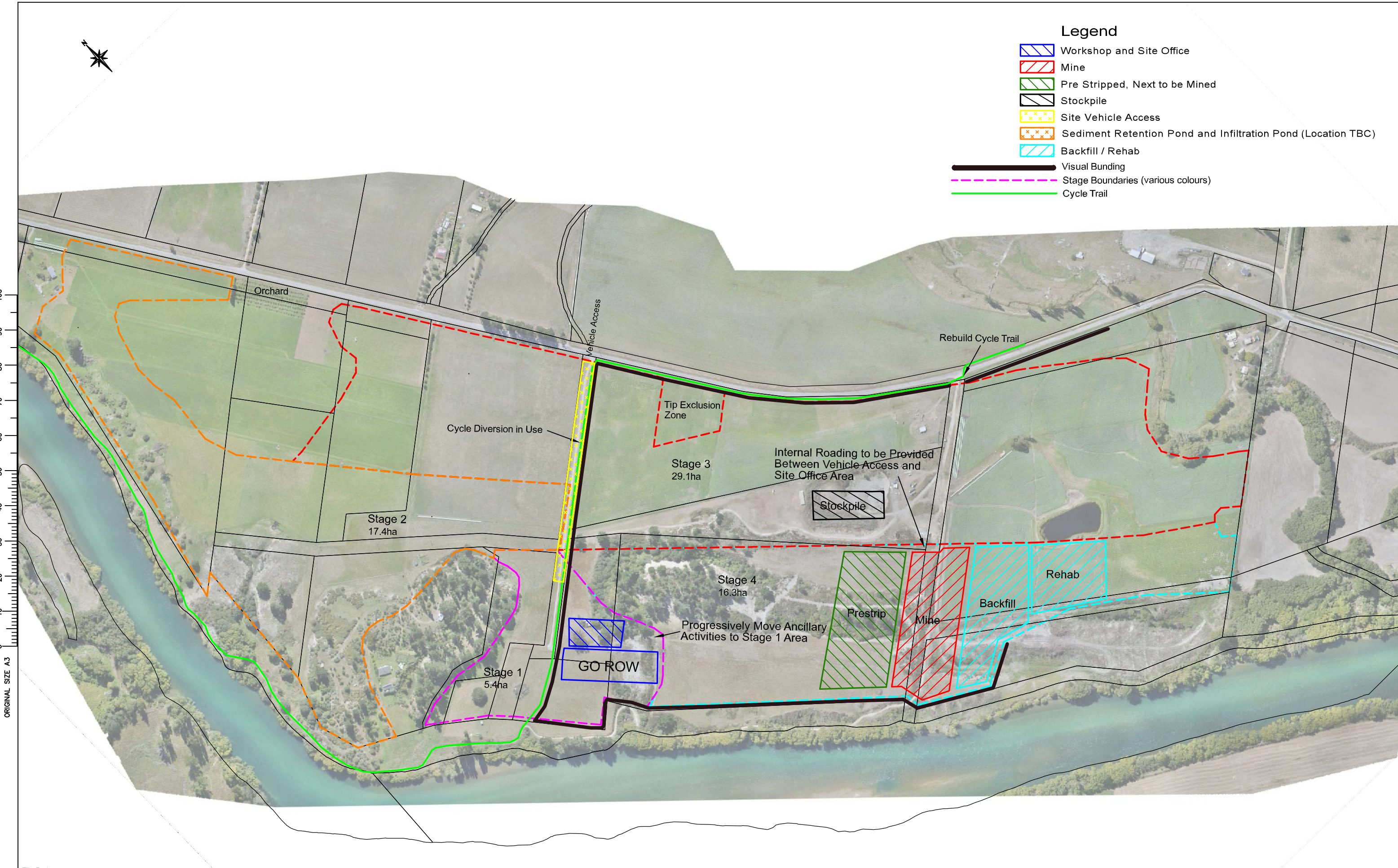
Project No.:	Surveyed:
Scale: 1:5000	Designed:
Date: 22/04/2024	Drawn: JR
Sheet: 6	Checked: JR





Legend

-  Workshop and Site Office
-  Mine
-  Pre Stripped, Next to be Mined
-  Stockpile
-  Site Vehicle Access
-  Sediment Retention Pond and Infiltration Pond (Location TBC)
-  Backfill / Rehab
-  Visual Bunding
-  Stage Boundaries (various colours)
-  Cycle Trail



File Ref:

Prepared For:

Hawkeswood Mining

No.	Amendments	Drawn	Date

Site Plan - Mid Stage 4











Millers Flat Alluvial Gold Mine

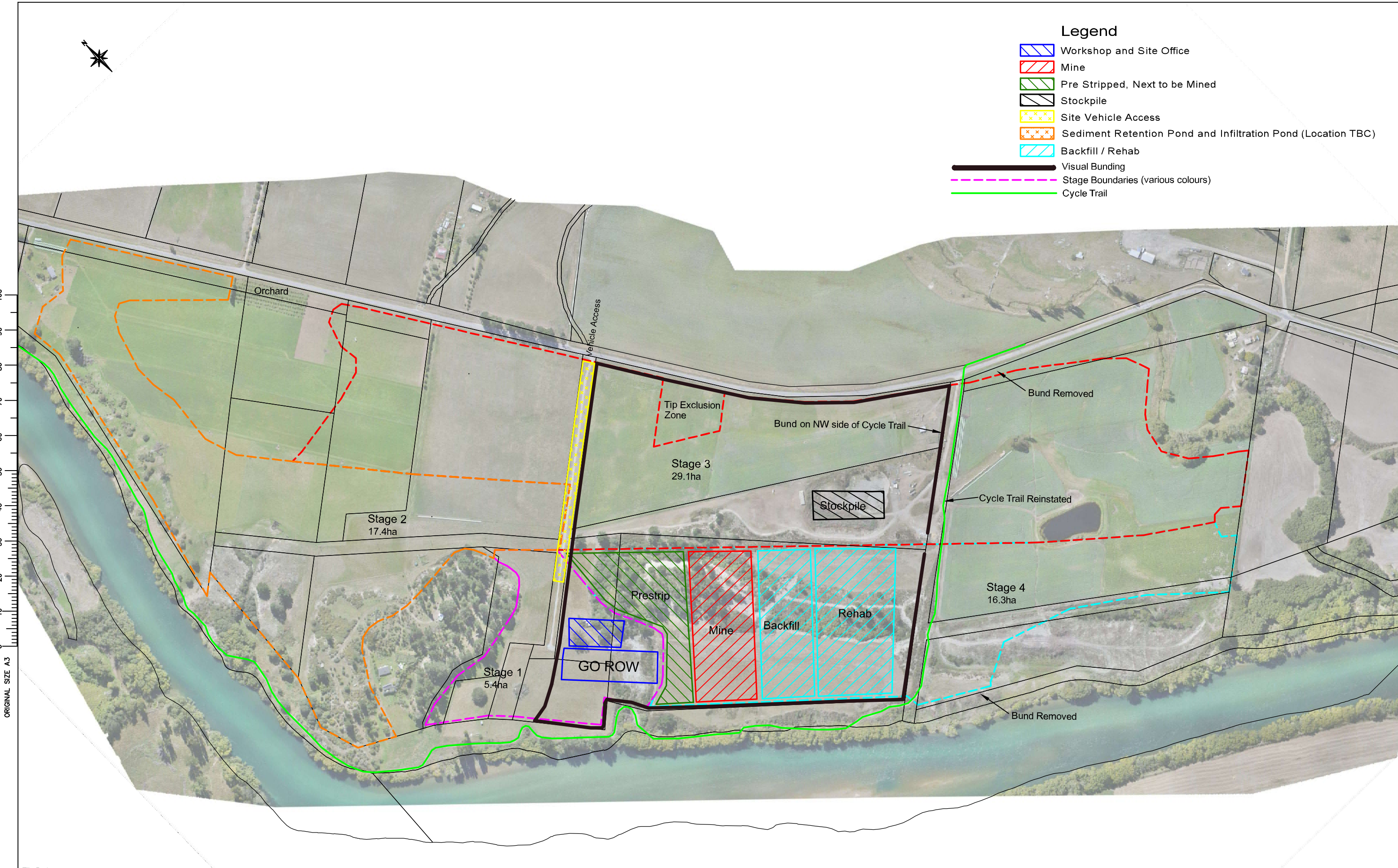
Project No.:		Surveyed:	
Scale:	1:5000	Designed:	
Date:	22/04/2024	Drawn:	JR
Sheet:	7	Checked:	JR





Legend

-  Workshop and Site Office
-  Mine
-  Pre Stripped, Next to be Mined
-  Stockpile
-  Site Vehicle Access
-  Sediment Retention Pond and Infiltration Pond (Location TBC)
-  Backfill / Rehab
-  Visual Bunding
-  Stage Boundaries (various colours)
-  Cycle Trail



ORIGINAL SIZE A3
0
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File Ref:

Prepared For:

Hawkeswood Mining

No.	Amendments	Drawn	Date

Site Plan - End of Stage 4

Millers Flat Alluvial Gold Mine

Project No.:	Surveyed:
Scale: 1:5000	Designed:
Date: 22/04/2024	Drawn: JR
Sheet: 8	Checked: JR



APPENDIX I

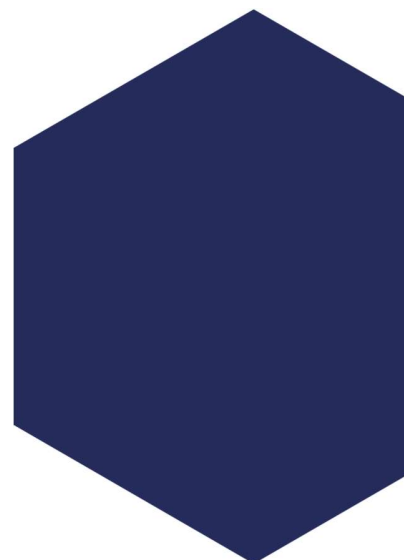
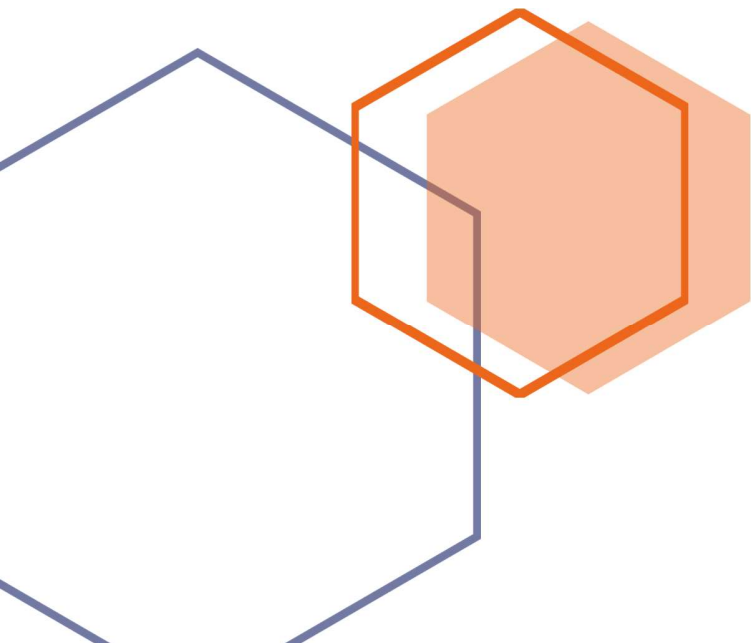


Draft Erosion and Sediment Control Plan (Rev B)

Millers Flat Alluvial Goldmine

April 2024

enviro**scope**



Document Control	
Title	Draft Erosion and Sediment Control Plan - Millers Flat Alluvial Goldmine
Address	1346 – 1536 Teviot Road, Millers Flat
Consent Number	RC220350 and RM23.819
Client	Hawkeswood Mining Limited
Our Reference	24028
Prepared by	 Quinn McIntyre (MSc, CEnvP) Principal Environmental Consultant 

Document Control			
Revision	Revision Date	Revision Details	Prepared by
A	9/04/2024	Prepared for client	QM
B	12/04/2024	Draft EMP for consenting purposes	QM

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Appendix 6	Environmental Incident Report
Appendix 7	Complaints Register
Appendix 8	Environmental Non-Conformance Register
Appendix 9	Archaeological Discovery Protocol

Disclaimer

Enviroscope has exercised due skill, care, and attention in preparing this ESCP on the basis of their understanding of the subject site as well as information provided by the client and its consultants. Enviroscope has no control over the physical actions, detailed design, equipment, services, and methodologies undertaken by the client or other third parties tasked with implementing Enviroscope’s instructions or recommendations. Enviroscope does not accept any responsibility for any environmental incidents or other defects of control measures if there is any departure or variance from the measures detailed in this ESCP and any supporting documentation.

Emergency Contacts

Contact made with any of the following shall be undertaken with due consultation of the Environmental Representative or Project Manager.

Table 1: Emergency Contacts

Element	Emergency Contact	Details
Pollution incident	Otago Regional Council (ORC) Spill Hotline	0800 800 033 compliance@orc.govt.nz
Environmental complaint	Environmental Representative	Simon Johnstone 027 415 8406
Discovery of contaminated land	Environmental Representative	
Unexpected heritage finds	Environmental Representative	
Human remains	New Zealand Police	111
Fire including bushfire	Fire and Emergency New Zealand (FENZ)	111
Public utilities	Central Otago District Council	(03) 440 0056 info@codc.govt.nz
Internal contacts	Project Manager	Simon Johnstone 027 415 8406
Internal contacts	Environmental Consultant	Quinn McIntyre Enviroscope 021 022 600 46

1.0 INTRODUCTION

1.1 Purpose and Scope

On behalf of Hawkeswood Mining Limited, Enviroscope has prepared this Erosion and Sediment Control Plan (ESCP) for Stage 1 of the earthworks associated with an alluvial goldmine at Millers Flat. This ESCP will cover the initial site demolition, remediation, earthworks, erosion and sediment controls for the goldmining activities, pre-loading activities and construction of associated infrastructure.

This ESCP aims to reduce the effects of the project's construction activities on the environment and surrounding receptors. The purpose of this ESCP is to be an effective and practical reference manual for construction personnel that applies to all project activities during the construction phase and includes the following:

- Strategies to manage environmental aspects and risks, based on associated best practice.
- Provides for contingency planning.
- Provides a framework for monitoring, reporting, review and continual improvement.
- Defines roles and responsibilities.
- Procedures to investigate and resolve environmental non-conformances and initiate corrective and preventative actions.

An overview of the project and sequencing can be found in the construction methodology in [Section 2.0](#).

1.2 Site Overview

The proposed site encompasses a total area of 69 ha located in Millers Flat, Otago borders the Clutha River to the southwest. The site has already had works undertaken to install the goldmining activity including excavating the dredge pond, install the dredge, dewatering and sediment filtration infrastructure, stockpiling and laydown. The prominent vegetative cover of the remaining portions of the property not being utilised for mining activities currently are comprised of pasture grass and utilised for pastoral farming activities.

The topography of the site can be described as gently rolling hills on a plateau, generally sloping from the north to the south, towards the Clutha River. The surrounding area is characterised as predominantly rural residential properties, farmland and the Clutha Gold Cycle Trail to the southeastern boundary of the site between the proposed works area and the Clutha River. Tima Burn intersects and meanders through the northeastern portion of the site. The township of Millers Flat is located 700 m to the southeast and the township of Ettrick is located 800 m to the northwest of the proposed site. The site is accessed by two existing driveways off Teviot Road, which provide access to different areas of the site.

Parts of the site have been utilised historically for landfill activities, stockyards and by the local community as a greenwaste disposal area. The former landfill is to be clearly demarcated, and no works are to occur within proximity to this area. The mine will traverse the stockyards and greenwaste disposal area, which will be managed appropriately in accordance with consent conditions.

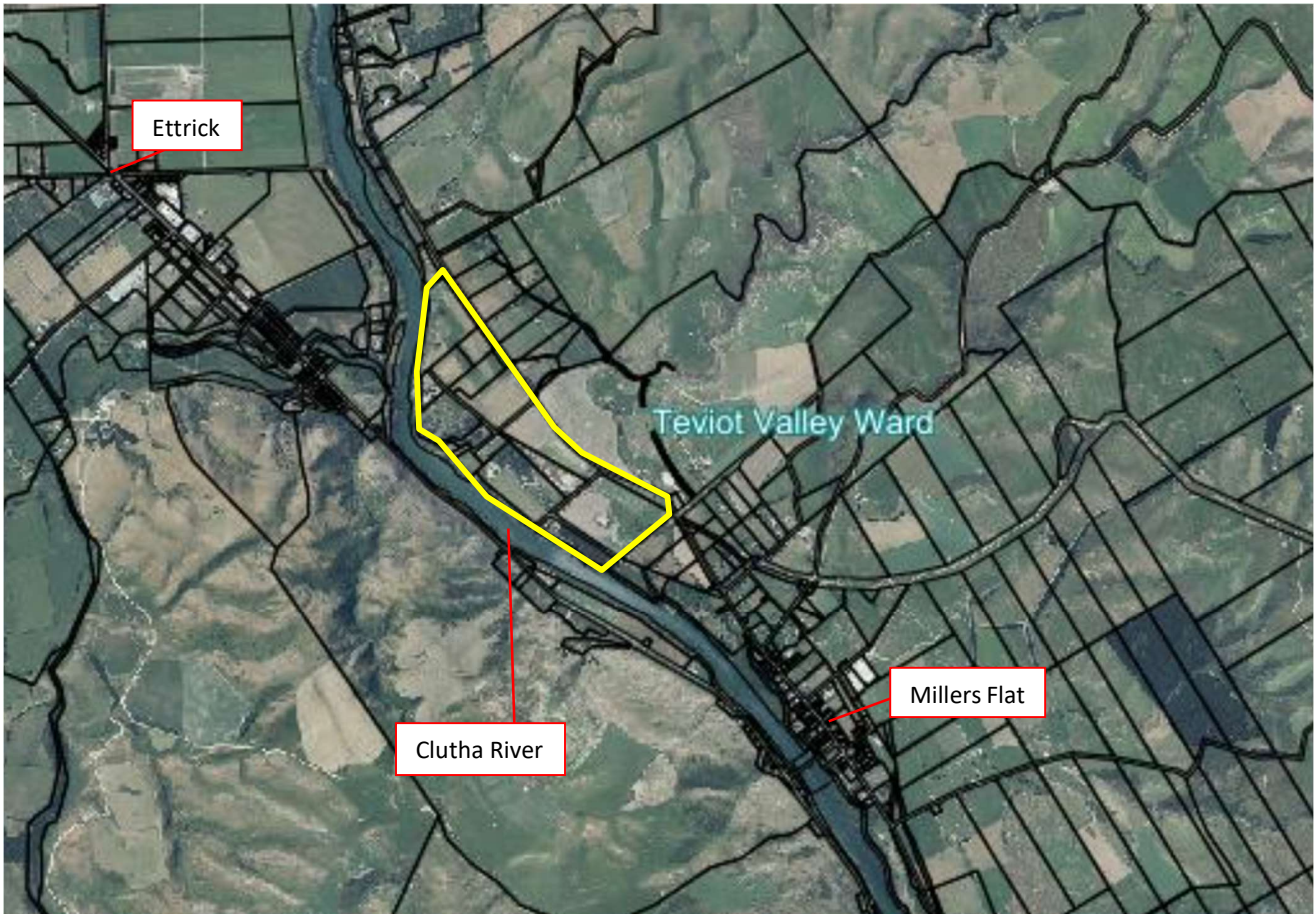


Figure 1: Location of the site (Source: CODC GIS)

1.2.1 Soils and Geotechnical Summary

The New Zealand (NZ) soils database (S-Maps) classifies soils in and in proximity to the site as shallow, well drained, loam. Generally, soils of this type are well drained and have high soakage potential, a characteristic of which is relied upon for this site. The closest soil sibling to the site is Gibbstonf (Sib 5) which is a shallow, well drained, loam.

1.3 Suitably Qualified and Experienced Professional

This EMP has been prepared by Quinn McIntyre of Enviroscope Limited. Quinn is a Certified Environmental Practitioner (CEnvP) and holds a Master of Science. Quinn has worked in various environmental roles on a range of construction projects, including bulk earthworks in New Zealand and Australia. Quinn has extensive experience in the preparation and monitoring of EMPs and ESCPs.

Quinn meets the criteria of a Suitably Qualified and Experienced Professional (SQEP) for the purposes of preparing this EMP and overseeing the environmental aspects of this project.

2.0 CONSTRUCTION METHODOLOGY

2.1 Sequencing of Works

The following sequencing will ensure the earthworks are undertaken efficiently while ensuring good environmental outcomes. This is a preliminary staging methodology and may be subject to change based onsite conditions encountered during construction. This methodology shall be read in conjunction with the Erosion and Sediment Control Plan (ESCP) attached as **Appendix 1**.

ESCP requirements

This ESCP has been prepared for a mining activity where much of the site establishment and associated earthworks have been completed within the Stage 1 area as depicted on ESCP-002, **Appendix 1**.

Erosion and sediment controls have been proactively installed around site and have operated effectively for the beginning stages of works. These controls include, sediment basins, dirty water diversion channels and a large earth bund around the perimeter of the site, effectively containing dirty water within the site boundaries. These controls have worked effectively to mitigate effects on the surrounding environments such as the Clutha River and Tima Burn.

The following methodology shall be used to ensure effectiveness of the ESCP is maintained and environmental effects are mitigated:

Preliminary Works (generally completed at time this ESCP prepared)

- Ensure the current ESCP and associated resource consent decisions are available onsite.
- Complete site induction with Environmental Representative.
- Install stabilised access.
- Install laydown and parking area.

Stage 1 (generally completed)

- Install sediment basins in centre of site including outlet to infiltration swale.
- Strip soil off western end and progressively install bund around boundary of Stage 1 works site Phase 1 (current location). Seed and irrigate bund to promote rapid stabilisation.
- Additional topsoil is to be stockpiled and seeded. This will be used later in rehabilitation of completed Stage 1.
- Excavate dredge pond and set up pump to dewater to sediment basins to control water level. This water can also be used to fill water cart.
- Set-up dredge.
- Work dredge pond, continuing to dewater to sediment basins as required.
- Work dredge through surrounding soils ensuring that forward outer bunds are installed and stabilise prior to working through bunds on western side to reach the rest of Stage 1.

Future stages

- This ESCP discusses only the earthworks associated with Stage 1 of the mining activities. It is important to note that any works outside of the scope of this area are to be discussed with the Environmental Consultant.
- Future stages will be managed similarly to the system and management measures for Stage 1. The ESCP for subsequent

stages will be updated prior to commencing works on those stages.

Rehabilitation

- Backfill works area to original ground levels, topsoil and direct drill with grass to return the land to pastoral farming purposes.

Decommissioning

- Remove remaining erosion and sediment control devices once stabilisation has occurred across the entire site. This is generally defined as 80% vegetative cover.

2.2 Hours of Operation

Construction activities and the associated hours of operation shall comply with *NZS 6803:1999 Acoustics - Construction Noise Guidelines*. Site works may be undertaken between 0700 and 1900 hours, Monday to Friday and between 0700 and 1300 on Saturdays. No works are to be undertaken on Sundays or Public Holidays. However, this does not preclude machinery maintenance, dust control activities, emergency works or works required for incident investigation or response.

3.0 ESCP IMPLEMENTATION

3.1 Environmental Roles and Responsibilities

3.1.1 Project Manager

The Project Manager is responsible for the effective implementation of the ESCP and has overall responsibility for the environmental performance of the project. Duties include:

- Ensuring adequate resources are in place to implement the ESCP.
- Ensuring all staff and sub-contractors operate within the ESCP.
- Ensuring that an ESCP is prepared and that environmental standards, processes and procedures meet relevant resource consent conditions.
- Overseeing the successful implementation, monitoring and review of the ESCP.
- Ensuring that inspections are carried out in accordance with the relevant ESCP.
- Restricting or stopping any activity that has the potential to or has caused adverse environmental effects.
- Providing notification and reporting of Environmental Incidents to Council.
- Delegating authority of the above responsibilities.

3.1.2 Environmental Representative

The Environmental Representative supports the Project Manager in the day-to-day implementation of the ESCP and ESCP. Duties include:

- Ensuring the installation of environmental controls as per the ESCP.
- Undertaking environmental site inspections.
- Overseeing the maintenance and improvement of defective environmental controls.
- Providing environmental inductions to all staff and sub-contractors.
- Assisting the project leadership in attending to Environmental Incidents and Complaints.

The Environmental Representative shall be familiar with environmental risks associated with the project, the ESCP and best practice erosion and sediment control principles and practices.

3.1.3 Environmental Consultant

The Environmental Consultant (SQEP) will provide technical environmental management advice as required.

3.1.4 All Staff and Sub-Contractors

All staff and sub-contractors have a responsibility to undertake all activities in accordance with the requirements of this ESCP. This includes reporting any activity that has the potential to or has resulted in an Environmental Incident to the Project Manager or Environmental Representative.

3.2 Site Environmental Induction

All staff and subcontractors shall attend an Environmental Induction to ensure they are aware of the project’s environmental risks as well as their responsibilities to help manage these risks. Prior to ground-disturbing activities, the Environmental Representative will deliver the induction to core staff. During the project, the Environmental Representative will induct subcontractors and new staff. The site induction handout is attached as **Appendix 3** and all persons inducted will be recorded on the Induction Register attached as **Appendix 4**.

3.3 Environmental Inspections

Table 3 outlines the regular environmental inspections to be undertaken.

Table 3: Environmental inspections

Environmental Inspection	Timing	Purpose
Weekly Inspection	Every seven days	<p>A comprehensive environmental inspection will:</p> <ul style="list-style-type: none"> • Confirm that all environmental controls are present, functional, and adequate. • Identify any activities that may cause an environmental incident or actual or potential environmental effects. • Identify maintenance requirements for implemented management measures. • Refer to Appendix 5, for the Weekly Environmental Inspection Form.
Pre-Event Inspection	Prior to a significant rain event ¹	<p>To ensure that erosion and sediment controls are present, functional, and adequate for forecast rain event.</p> <p>This inspection will inform any preventative work required and may result in the Rapid Response Procedure being implemented (see Section 4.5).</p>

¹ A significant rain event is defined as any forecast/actual rain event of 20 mm within a 24-hour period or a rain event that can generate overland flow, noting that this varies seasonally.

Environmental Inspection	Timing	Purpose
Rain Event Monitoring	During a significant rain event	To ensure that: <ul style="list-style-type: none"> • Erosion and sediment control devices continue to function correctly and inform any necessary emergency responses. • Sediment retention devices are functioning effectively and have capacity available. • No dirty² water is crossing the boundary of the site. Observations and samples taken by the Environmental Representative will be recorded via (form attached as Appendix 9).
Post-Event Inspection	Immediately following a significant rain event	Any observations and corrective actions should be recorded in a daily job diary.

3.4 Environmental Incident Management

Environmental incidents shall be responded to as soon as the project team becomes aware of them occurring. The response will generally involve oversight by the Environmental Consultant and will involve:

- Immediate cessation of the activity that caused the incident.
- Investigation into the cause of the incident.
- Initial response to bring the incident under control.
- Implement any remediation works.

The Project Manager shall notify CODC and ORC of the details of any Environmental Incident within 24 hours of becoming aware of the incident. Notification will be through a phone call to Council monitoring staff (see Emergency Contacts on page four). The Project Team shall provide an Environmental Incident Report within ten working days of the incident occurring. The Incident Report form is attached as [Appendix 6](#).

3.5 Complaints Procedure

Any complaint received will be recorded and an investigation will be carried out. The complainant will be provided with a response acknowledging receipt of the complaint and outlining corrective actions to be implemented. After the investigation, any necessary corrective actions will be carried out and a follow-up of the original complaint is to be conducted to ensure the actions implemented have been effective. All complaints will be recorded on the Complaints Register attached as [Appendix 7](#).

² 'Dirty water' is defined as water that exceeds the maximum allowable water quality values outlined by consent.

3.6 ESCP Non-Conformance and Corrective Actions

ESCP non-conformances found during site inspections, monitoring or as a result of environmental incidents or complaints shall be recorded in the ESCP Non-Conformance Register. The non-conformance register will detail when corrective actions are due, how they are to be carried out and the close out date.

The non-conformance register ensures that issues do not escalate or are missed, as well as, providing a clear record of evidence that can be used to defend any potential complaint or formal enforcement action. The non-conformance register attached as **Appendix 8** will detail when corrective actions are due, how they are to be carried out and the close out date.

3.7 ESCP Updates

The ESCP will be regularly reviewed throughout the project to ensure the document remains fit for purpose and to drive continual improvement. This may be initiated by:

- Significant changes to the construction methodology.
- Improvements identified as a result of an Environmental Incident or Corrective Action.
- Where directed by CODC and ORC Monitoring and Enforcement team/Compliance team.

All ESCP updates will be managed through the document control table on page one and shall be submitted to CODC and ORC.

4.0 EROSION AND SEDIMENT CONTROL MEASURES

4.1 Performance Criteria

Design, install and maintain erosion and sediment controls in accordance with industry best practices. Generally, this is:

- *Erosion and Sediment Control Guidelines for Land Disturbing Activities in the Auckland Region - Guideline Document GD2016/005, 2016 (Auckland Council).*

4.2 Erosion and Sediment Control Principles

Erosion and sediment control ('ESC') devices shall be installed, maintained and decommissioned in accordance with the following principles:

- Erosion and sediment controls are integrated with construction planning.
- A 'treatment train' approach so that the sediment retention devices operate as efficiently and effectively as possible.
- The extent and duration of soil exposure is minimised.
- Controls are always maintained in proper working order.
- Progressively stabilise and revegetate disturbed or completed areas.
- The site is monitored, and erosion and sediment control practices are adjusted to maintain the required performance standard.
- Soil erosion is minimised as far as reasonable and practical.
- Avoidance of sediment discharge off-site and protection of receiving environments.

4.3 Guidance on Erosion and Sediment Control Devices

The effective control of surface water shall be achieved through the utilisation of carefully selected erosion and sediment control devices to achieve a specific purpose. These guidelines for the devices employed on this project shall be read in conjunction with the ESCP attached as **Appendix 1** of this document.

4.3.1 Site Definition

At the commencement of the project, the following components onsite will be clearly defined as detailed in **Table 4**.

Table 4: Site definition specifications

Site component	Method of Demarcation
Site boundaries	Temporary fencing or hoardings
Designated site access	Installation of stabilised access/signs

4.3.2 Stabilised Entranceway

The site is accessed by two existing gravelled driveways off Teviot Road. The main access for this stage of works will be the easternmost driveway. These site accesses are to be monitored regularly and additional aggregate applied if dirt is observed to be tracking onto the adjacent road. Locations are indicated on ESCP-001 attached as **Appendix 1**. The stabilised entranceways are to be constructed and maintained in accordance with the schematic diagram in ESCP-003, **Appendix 1**.

4.3.3 “Clean Water” Diversion Channels

The main form of clean water diversion for the project is the existing earth bunds constructed around the perimeter of the site with locations demonstrated on ESCP-001, **Appendix 1**. These earth bunds work effectively to prevent dirty water existing the site and additional clean water entering the site. These are to be maintained throughout the duration of the project.

4.3.4 “Dirty Water” Diversion Channels

A network of dirty water diversion channels (DWDC) have been installed around the site to capture and carry sediment-laden surface flows to the dredging pond and sediment basins as indicated on ESCP-002, **Appendix 1**. Due to the high infiltration potential, it is anticipated that much of the water conveyed in these channels will soak away.

DWDCs will be maintained in accordance with the schematic diagram in ESCP-004, **Appendix 1**. Design specifications are not required as the dirty water diversion channels have been constructed on site and have demonstrated the ability to comfortably convey flows. Much of the flows during rain events were soaked away, thus it is anticipated that the channels have the ability to convey much larger rain events.

4.3.5 Sediment Basins

Sediment Basins have been constructed in the centre of the current earthworks extent to retain and soak away dirty water from the earthworks area. The location of these sediment basins is depicted on ESCP-002, **Appendix 1**. The large dredging pond is essentially utilised as a forebay for these sediment basins. Dirty water is pumped from this pond through a series of pipes and flexi flumes to the sediment basin area. From here the settled water soaks through the floor or any remaining pooled water is discharged into a large gravel pit and ‘infiltration swale’ where it soaks away. The location of this infiltration swale is depicted on ESCP-002

Two additional natural low points at the north-western and south-eastern corners of the site are to be utilised as sediment basins to mitigate any dirty water flows that flow to these points. These controls are reliant on the high soakage potential of the gravelly soils of the site. Therefore, sediment on the basin floors will need to be regularly mucked out to restore soakage potential.

4.3.6 Progressive Rehabilitation

Progressive stabilisation of earthworks is to occur promptly as areas are finished, to minimise the area of exposed soil and thus the generation of sediment-laden water. Prior to final landscaping, this can comprise temporary grassing, topsoil and re-grassing, laying compacted clean aggregate, mulching, polymers and/or hard sealing of surfaces.

4.4 Maintenance of Erosion and Sediment Control Devices

Ongoing maintenance of the site shall be undertaken as follows:

- Clean out sediment of erosion and sediment control as soon as 20% capacity has been reached.
- Check clean water diversions for any evidence of scouring and or sediment.

4.5 Rapid Response Procedure for Significant Rain Events

The Environmental Representative will stay vigilant of weather forecasts. If a significant rain event is imminent, all works will cease in sufficient time for staff to inspect and maintain erosion and sediment control devices and undertake any stabilisation required. Observations will continue through the rain event to ensure the functioning of erosion and sediment control devices.

4.6 Decommissioning and Removal

Erosion and sediment control devices will remain in place until ‘stabilisation’ of the site has been achieved. This is generally defined as 80% vegetative cover as depicted in **Figure 2**.

It is noted that the removal of controls may result in minor soil exposure. Any soils exposed during decommissioning will be stabilised with either grass, mulch or other appropriate erosion control.

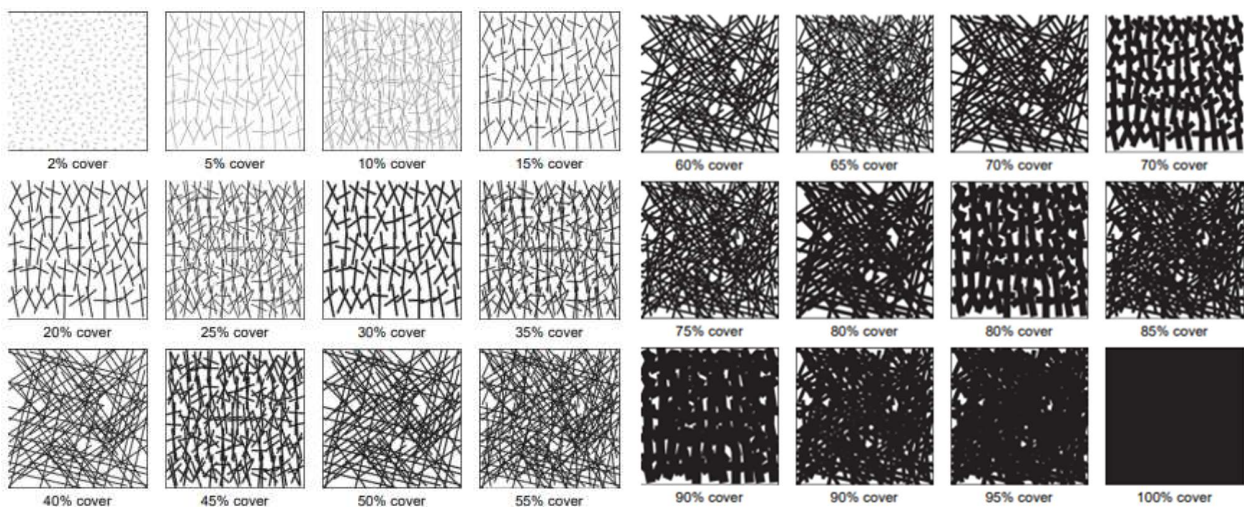


Figure 2: Visual cover estimation (Source: Catchments and Creeks Pty Ltd)

4.7 Inspections and Monitoring

Details of inspections and monitoring are stated in Section 3.3.

4.8 Contingency Measures

The following contingency measures in **Table 5** shall be deployed as required.

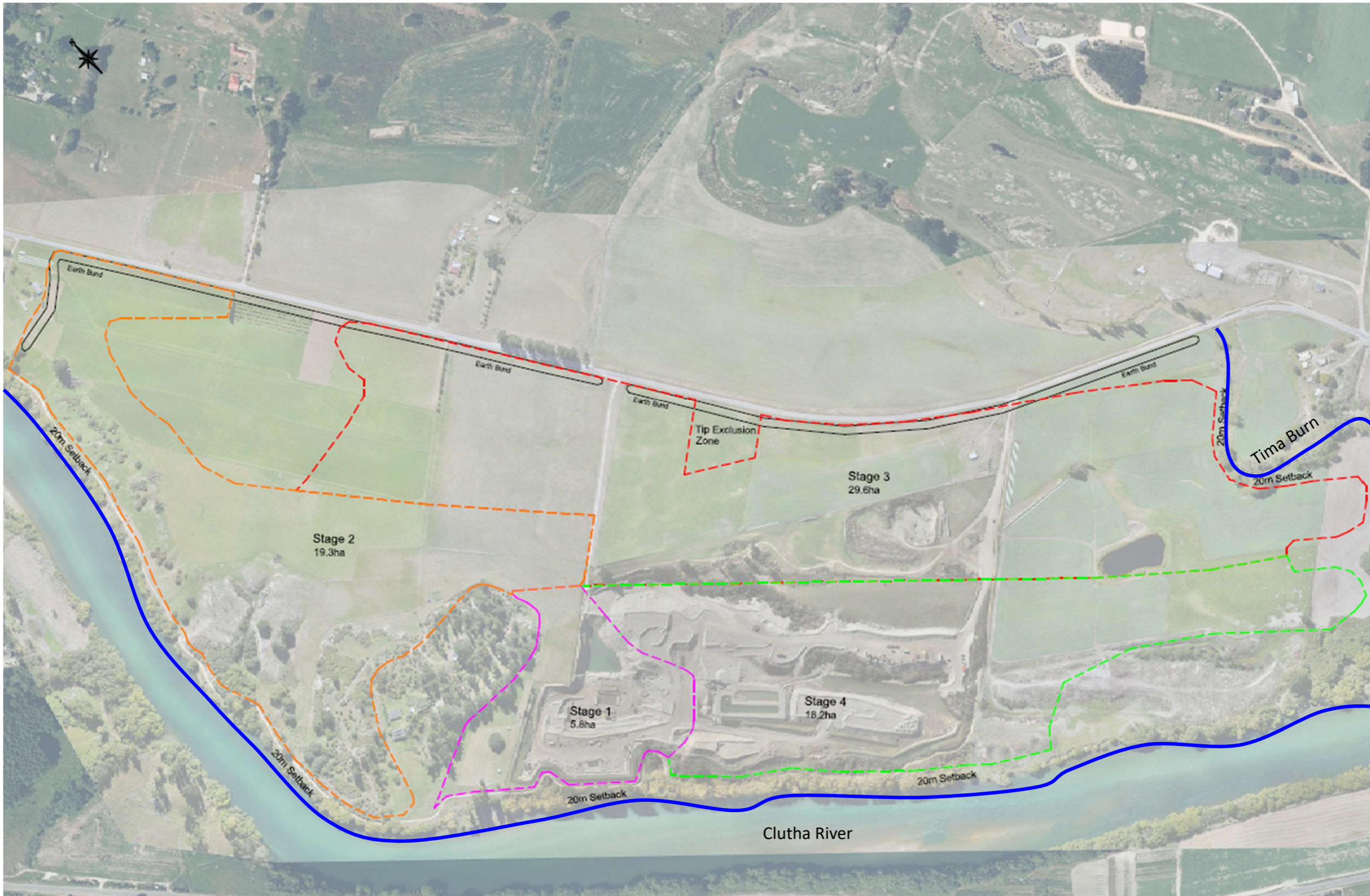
Table 5: Erosion and sediment control contingency measures

Issue	Contingency Measure
Sediment-laden stormwater flowing across the site boundary	Undertake measures to stop the flow immediately. Ensure controls are installed according to the ESCP. Environmental Representative will initiate the incident response.
Controls do not appear to be working as intended	Contact Environmental Consultant (SQEP) to advise and update the ESCP as required.
The site is inappropriately exposed prior to imminent rain event	Cease works and shift effort to checking erosion and sediment controls and stabilisation via the Rapid Response Procedure outlined in Section 4.5.
Sediment retention devices are near capacity and more rain is forecast	Refer to contingencies provided in Section 2 of ESCP.
Accidental Discovery	If any unknown artefacts are uncovered, the project will work to Heritage New Zealand's <i>Archaeological Discovery Protocol</i> (attached as Appendix 9).

4.9 Erosion and Sediment Control Incident

An erosion or sediment control incident is considered to have occurred where performance criteria outlined in Section 4.1 is not met. The incident procedures outlined in Section 3.4 shall commence.

APPENDIX 1 **Erosion and Sediment Control Plan Drawing**



Legend

	Stabilised access
	Clean water overland flow
	Dirty water overland flow
	Clean water diversion channel (CWDC)
	Dirty water diversion channel
	Waterbody
	Laydown area
	Dredge Pond
	Stockpile
	Sediment Basin
	Temporary haul road
	Earth bund
	Earth bund with weir
	Water pump and water cart upstand pipe

Notes

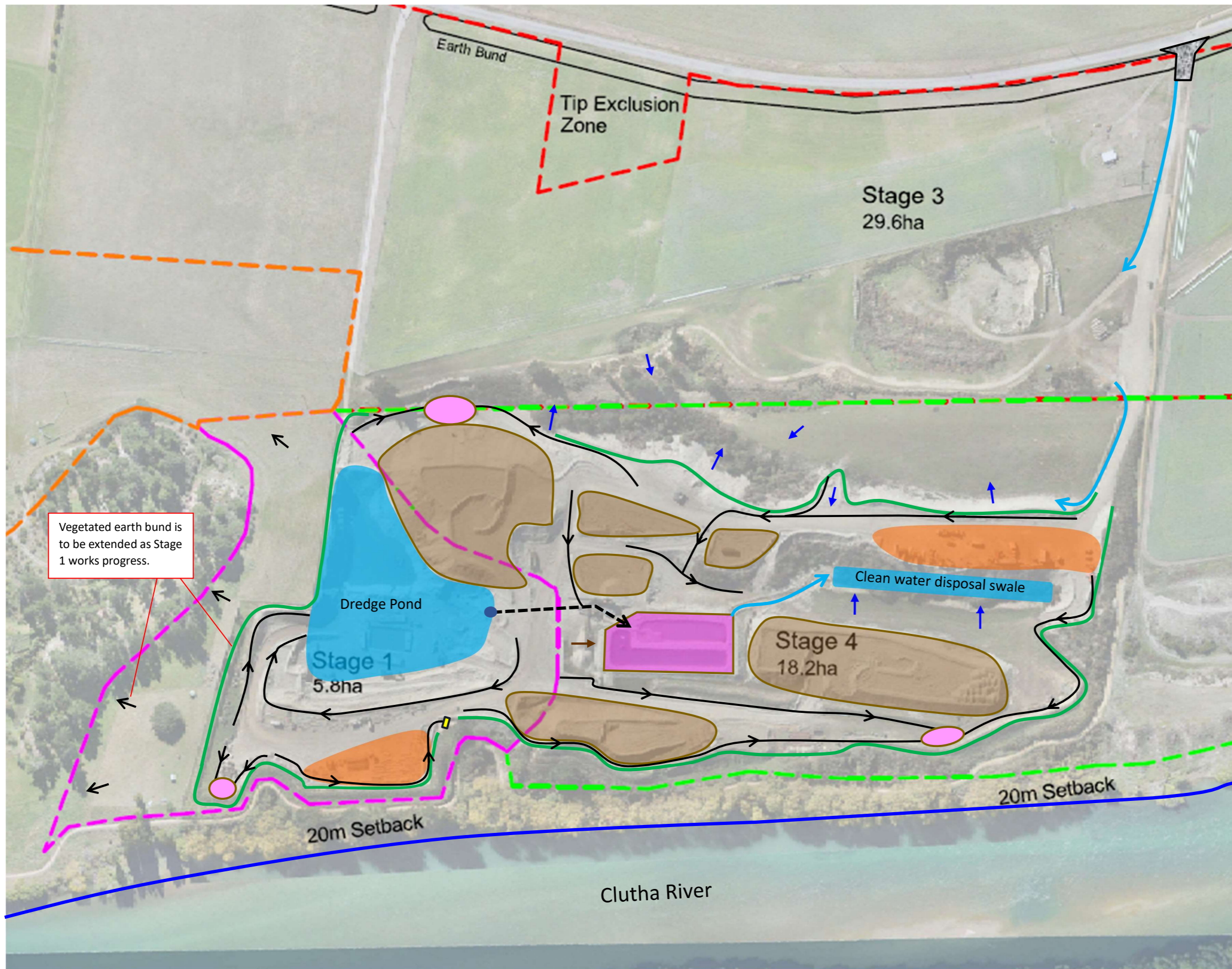
1. This plan is to be read in conjunction with the Environmental Management Plan document prepared by Enviroscope.
2. All locations of erosion and sediment control (ESC) devices are indicative and exact placement to be confirmed onsite.
3. ESC devices to be installed and maintained in accordance with Auckland Council's 'Erosion and Sediment Control Guide for Land Disturbing Activities in the Auckland Region (GD05)' and manufacturer's instructions where relevant.
4. All devices are to be inspected daily and pre and post-rain event to ensure they are fully functional.



Project: Millers Flat Goldmine

Description: Erosion and Sediment Control Plan Drawing - Overview

Drawn	Approved	Date	Drawing No.	Revision
QM	TG	12/04/2024	ESCP - 001	B



Vegetated earth bund is to be extended as Stage 1 works progress.

Legend	
	Stabilised access
	Clean water overland flow
	Dirty water overland flow
	Clean water diversion channel (CWDC)
	Dirty water diversion channel
	Waterbody
	Laydown area
	Dredge Pond
	Stockpile
	Sediment Basin
	Temporary haul road
	Earth bund
	Earth bund with weir.
	Water pump and water cart upstand pipe

- Notes**
1. This plan is to be read in conjunction with the Environmental Management Plan document prepared by Enviroscope.
 2. All locations of erosion and sediment control (ESC) devices are indicative and exact placement to be confirmed onsite.
 3. ESC devices to be installed and maintained in accordance with Auckland Council's 'Erosion and Sediment Control Guide for Land Disturbing Activities in the Auckland Region (GD05)' and manufacturer's instructions where relevant.
 4. All devices are to be inspected daily and pre and post-rain event to ensure they are fully functional.

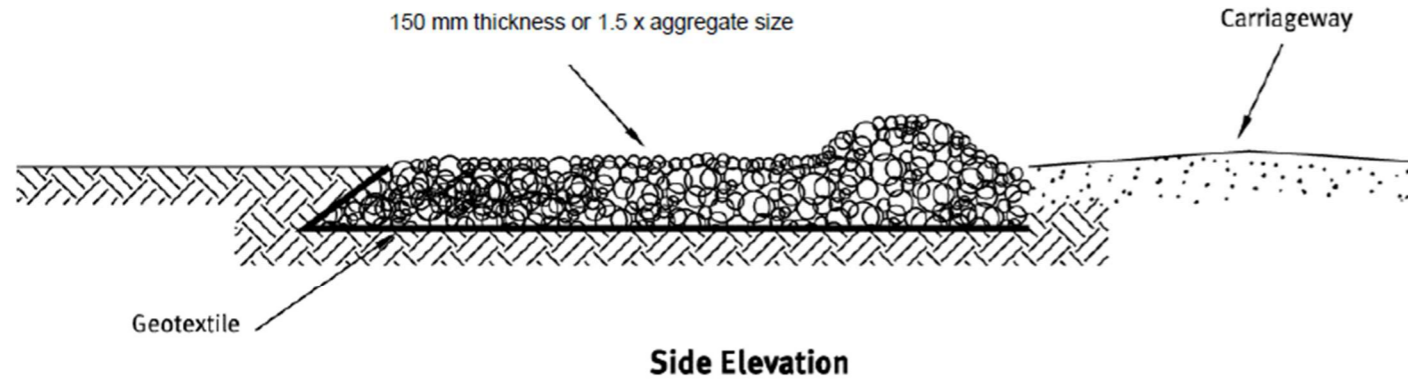


Project: Millers Flat Goldmine					
Description: Erosion and Sediment Control Plan Drawing – Stage 1 and 4					
Drawn	Approved	Date	Drawing No.	Revision	
QM	TG	12/04/2024	ESCP - 002	B	

APPENDIX 2 **Schematics for Erosion and Sediment Controls**

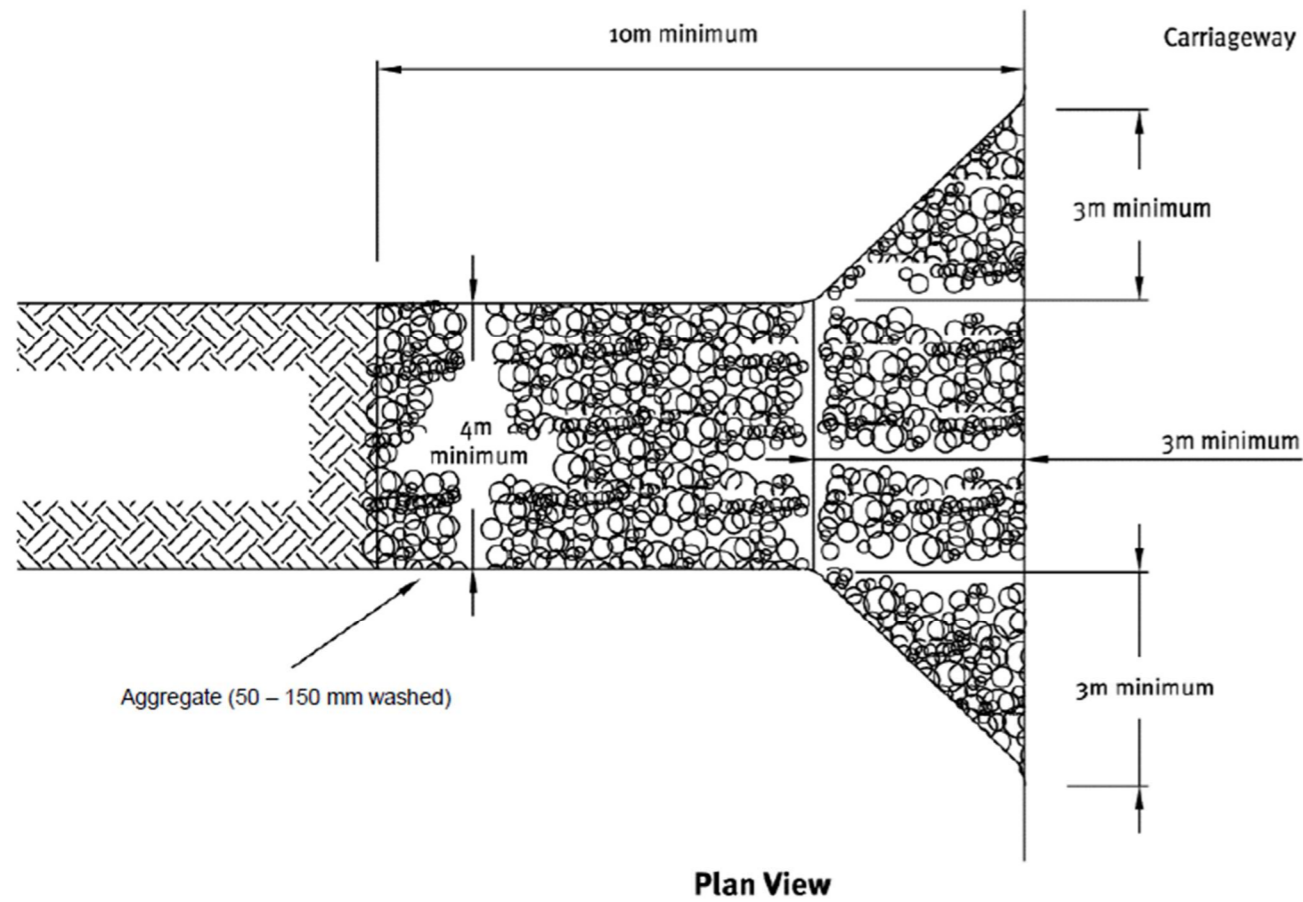
STABILISED ACCESS

(Page 60 from GD05)



Design Parameter	Specification
Aggregate size	50-150 mm washed aggregate
Minimum thickness	150 mm
Minimum length	10 m
Minimum width	4 m

- Additional aggregate may need to be added to the stabilised entranceway throughout the project to maintain the thickness.
- Any sediment that has been tracked onto the surrounding roads must be swept away at regular intervals.



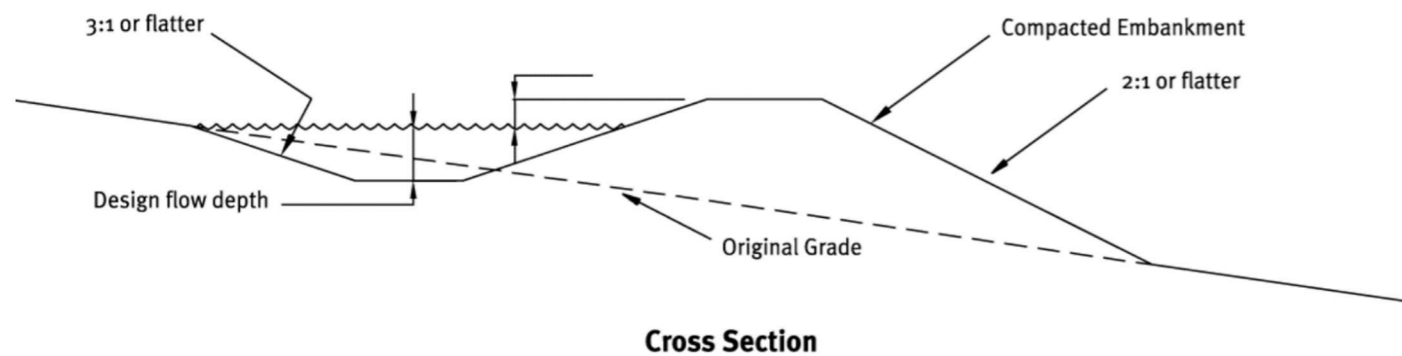
Project: Millers Flat Goldmine

Description: Erosion and Sediment Control Plan - Schematics

Drawn	Approved	Date	Drawing Number	Revision
QM	TG	12/04/2024	ESCP - 003	B

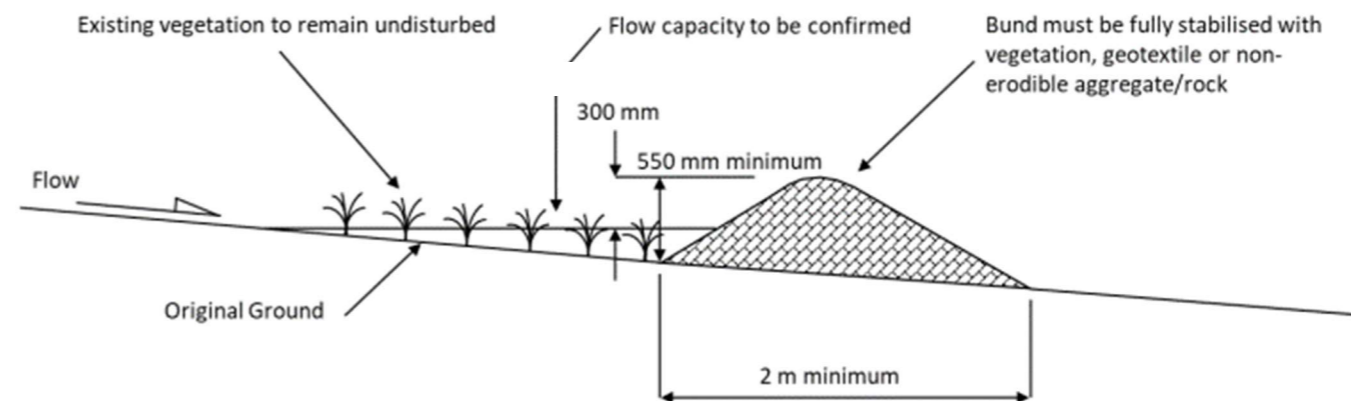
DIRTY WATER DIVERSION CHANNEL

(Pages 43-46 from GD05)



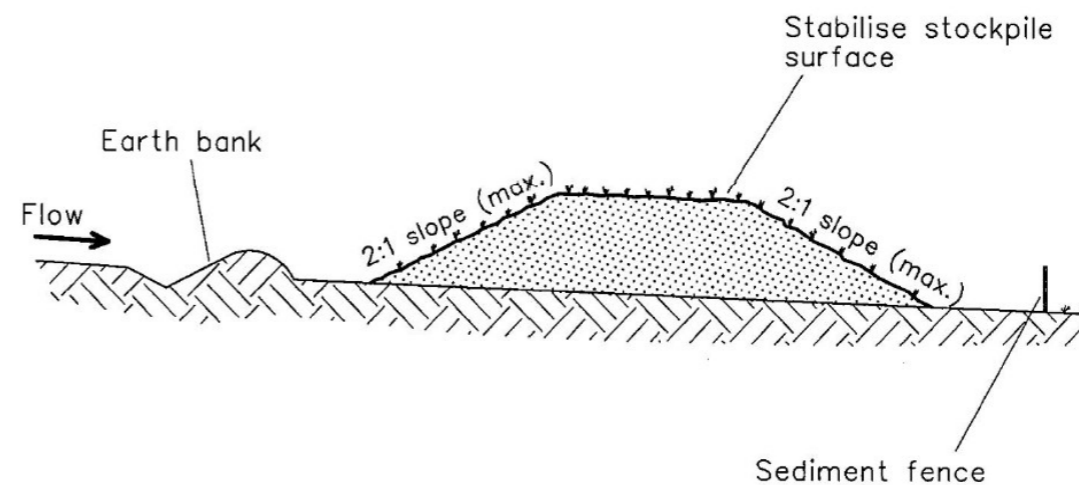
'CLEAN WATER' DIVERSION BUND

(Page 38-43 from GD05)



- Ensure bund is well compacted and stabilised.
- Monitor the inlet and outlet for scour.
- Ensure there are no areas of ponding or blockages along the length of the bund.

TEMPORARY STOCKPILES



- Temporary stockpiles should be a maximum height of two metres to mitigate wind effects and to preserve the quality of the topsoil as future planting media for revegetation.
- If the stockpile is to be left insitu for a period of 12 weeks or more it shall be seeded with grass or erosion control matting to provide erosion and dust protection.



Project: Millers Flat Goldmine

Description: Erosion and Sediment Control Plan - Schematics

Drawn	Approved	Date	Drawing Number	Revision
QM	TG	12/04/2024	ESCP - 004	B

SEDIMENT BASIN

Type D Sediment Basin from IECA, Image from Enviroscope



- The large dredging pond acts as a forebay to the sediment basins.
- Water is pumped from here to the sediment Basins depicted below.



- Sediment basins are existing and have shown evidence of operating effectively during rain events.



- Water is discharged from the sediment pond into a gravel pit, where any additional flows can be soaked away.



- No flows have been observed past this point (red) in previous rain events.



Project: Millers Flat Goldmine

Description: Erosion and Sediment Control Plan - Schematics

Drawn	Approved	Date	Drawing Number	Revision
QM	TG	12/04/2024	ESCP - 005	B

SPILL KITS



- Spill kits are to be located within proximity of the refuelling areas and laydown areas.

WASTE



- Where possible, waste shall be segregated into labelled bins.
- Wastes on site will be suitably contained and prevented from escaping off site. This may include covering skip bins during high winds.
- Waste storage is not permitted in or near drainage paths.
- Wastes will be removed from site when bin is full.



Project: Millers Flat Goldmine
Description: Erosion and Sediment Control Plan - Schematics

Drawn	Approved	Date	Drawing Number	Revision
QM	TG	12/04/2024	ESCP - 006	B

APPENDIX 3 Environmental Site Induction Handout

ENVIRONMENTAL SITE INDUCTION HANDOUT

Key Roles and Responsibilities

Role	Responsibilities
Project Manager	<p>The Project Manager is responsible for the effective implementation of the ESCP and has overall responsibility for the environmental performance of the project. Duties include:</p> <ul style="list-style-type: none"> • Ensuring adequate resources are in place to implement the ESCP. • Ensuring all staff and sub-contractors operate within the guidelines of the ESCP. • Ensuring that an ESCP is prepared and that environmental standards, processes and procedures meet relevant resource consent conditions. • Overseeing the successful implementation, monitoring and review of the ESCP. • Ensuring that inspections are carried out in accordance with the relevant ESCP. • Restricting or stopping any activity that has the potential to or has caused adverse environmental effects. • Providing notification and reporting of Environmental Incidents to Council and other environmental reports as required by The Guidelines. • Delegating authority of the above responsibilities.
Environmental Representative	<p>The Environmental Representative supports the Project Manager in the day-to-day implementation of the ESCP. Duties include:</p> <ul style="list-style-type: none"> • Ensuring the installation of environmental controls as per the ESCP. • Undertaking environmental site inspections. • Overseeing the maintenance and improvement of defective environmental controls. • Providing environmental inductions to all staff and sub-contractors. • Assisting the project leadership in attending to Environmental Incidents and Complaints. <p>The Environmental Representative shall be familiar with environmental risks associated with the project, the ESCP and best practice erosion and sediment control principles and practices.</p>
All staff and sub-contractors	<p>All staff and sub-contractors have a responsibility to undertake all activities in accordance with the requirements of this ESCP. This includes reporting any activity that has the potential to or has resulted in an Environmental Incident to the Project Manager or Environmental Representative.</p>

Key Environmental Locations

Environmentally sensitive receptors: Clutha River, Tima Burn, neighbouring properties and the users of Clutha Gold Cycle Trail

Limits of Clearing and Importance of Staging

The staging and sequencing of works is a key component to ensure that environmental effects of construction are appropriately managed. It is imperative that the sequencing outlined in Section 2.1 of the ESCP is followed so that the site is stabilised in the most efficient manner.

All staff should be familiar with this sequence. Any potential changes to that sequence need to be approved by the Project Manager which will be discussed first with the Environmental Consultant.

Key Environmental Management Measures in ESCP

Erosion and Sediment Control (Section 4 of ESCP)

- Direction provided in Erosion and Sediment Control Plan (ESCP) in Appendix 1 of ESCP.
- Separation of clean and dirty water is the most important principle to ensure that the contributing catchment of dirty water that needs to be treated is as small as possible.
- Progressive stabilisation (revegetation) of disturbed areas will ensure that the extent and duration of exposed soil is minimised. Keep it covered!
- All controls to be checked immediately before storm events to ensure they are in good-working order.
- Erosion and sediment control devices to remain in place until site is stabilised (defined as 80% vegetative cover).

Any works that disturb the controls outlined on the ESCP must be reinstated before moving to the next task.

Water Quality Management

- Any water caught in the sediment devices to be re-used in dust suppression where possible and if required.
- Any observations of dirty water running offsite to be reported directly to the Project Manager.

Dust Management

- Dust suppression should occur on any exposed soil on unsealed roads, this can be done using the water caught in the retention basin.
- Avoid all unnecessary vegetation clearing that exposes soil and work should be conducted in stages as this can increase the impact from dust in the event of strong winds.
- During high wind events and dust suppression is becoming difficult works must cease until more favourable weather conditions.
- Constant vigilance should be maintained onsite to ensure that dust is appropriately managed and weekly monitoring should be completed to ensure that management measures are effective.
- Weekly site inspections should be undertaken by the Environmental Representative to ensure the strategies in place are effective.

Historic Heritage Management

- If any artefacts are found works must stop within 20 meters of the discovery and the site manager notified immediately.
- The site manager must then secure the area and notify the Heritage New Zealand Regional Archaeologist, who will advise when works can begin again.

Chemicals and Fuel Management

- Chemicals and fuels are stored and used so not to cause contamination of works areas and surrounding environment.

Environmental Incidents

The procedure for managing environmental incidents is outlined in Section 3.4 of the ESCP, however these can be summarised as follows:

- Environmental incidents must be reported as soon as they occur, and the Project team must respond immediately to mitigate further environmental impacts.
- Investigation into the cause of the incident should be completed and a solution should be constructed to remediate the Environmental damage.
- The Project Manager must then notify the QLDC and/or the ORC of the details of the incident within 12 hours of being made aware of the incident.

Rapid Response for Storm Events

The procedure for rapid response to storm events is outlined in Section 4.5 of the ESCP, however these can be summarised as follows:

- The Project Manager will observe and understand the **weather forecast** throughout the project to ensure appropriate preparation onsite.
- If a **significant storm** event is forecast all works should stop within an appropriate amount of time to inspect ESC devices and undertake any maintenance or site stabilisation required.
- The sediment controls should be in operating condition and fully functional.
- During the storm event the site should be monitored to sure the functioning of the ESC devices and maintained if required.

When storms are forecast it is crucial that tools are downed in time for the rapid response procedure to be implemented. This will help avoid environmental incidents, potential enforcement action and site shutdown.

APPENDIX 4 **Environmental Site Induction Register**

APPENDIX 5

Weekly Environmental Site Inspection Form

Millers Flat Goldmine



WEEKLY ENVIRONMENTAL SITE INSPECTION FORM

Environmental Representative:

Date:

Item	Yes	No	Comment			
General						
Is the ESCP available onsite?	<input type="checkbox"/>	<input type="checkbox"/>				
Have any environmental incidents occurred during the week? If so, provide details	<input type="checkbox"/>	<input type="checkbox"/>	*If yes, complete environmental incident report.			
Complete description of weather for upcoming week – circle applicable						
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Are there any rain events forecasted for the coming week?	<input type="checkbox"/>	<input type="checkbox"/>				
Have pre rain event inspections been completed?	<input type="checkbox"/>	<input type="checkbox"/>				
Have post rain event inspections been completed?	<input type="checkbox"/>	<input type="checkbox"/>				
Water Quality						
Is there visual evidence of sediment from the construction site entering Clutha River or Tima Burn?	<input type="checkbox"/>	<input type="checkbox"/>				
Erosion and Sediment Control						
Are works contained within the current stage and site boundaries?	<input type="checkbox"/>	<input type="checkbox"/>				
Is there any new evidence of erosion?	<input type="checkbox"/>	<input type="checkbox"/>				
Is dirty water entering dirty water diversion channels during rain events?	<input type="checkbox"/>	<input type="checkbox"/>				
Do sediment controls have over 80% capacity?	<input type="checkbox"/>	<input type="checkbox"/>				
Cultural Heritage						
Have any finds of cultural significance been found?	<input type="checkbox"/>	<input type="checkbox"/>				
Dust						
Have any complaints been received during the week?	<input type="checkbox"/>	<input type="checkbox"/>	*If yes, complete Complaints Register			
Are works being staged to minimise soil exposure?	<input type="checkbox"/>	<input type="checkbox"/>				

Millers Flat Goldmine



Item	Yes	No	Comment
Is dust suppression of disturbed work areas and stockpiles occurring?	<input type="checkbox"/>	<input type="checkbox"/>	
Are works ceasing during high winds?	<input type="checkbox"/>	<input type="checkbox"/>	
Are only designated access points and haul routes being used?	<input type="checkbox"/>	<input type="checkbox"/>	
Is the site access and surrounding roads swept clean of sediment?	<input type="checkbox"/>	<input type="checkbox"/>	
Contaminated Soils			
Have any contaminants been uncovered during excavations?	<input type="checkbox"/>	<input type="checkbox"/>	
Chemicals and Fuels			
Are all hazardous substances on site stored, transported and used according to the safety data sheet requirements?	<input type="checkbox"/>	<input type="checkbox"/>	
Is there an adequate supply of spill kits onsite? Have any used materials been replaced?	<input type="checkbox"/>	<input type="checkbox"/>	
Waste			
Is the site in a safe, clean and tidy state?	<input type="checkbox"/>	<input type="checkbox"/>	
Are skip bins not overfilled?	<input type="checkbox"/>	<input type="checkbox"/>	
Is waste removed from open drains and drainage paths?	<input type="checkbox"/>	<input type="checkbox"/>	

Actions resulting from this inspection must be forwarded to the Project Manager any actions should be recorded in the Non-Conformance Register – Appendix 8.

Additional Comments:

Names and Signatures of inspection attendees:

APPENDIX 6

Environmental Incident Report Form

Millers Flat Goldmine



ENVIRONMENTAL INCIDENT REPORT FORM

Project Address:	Consent Number:
Brief Project Description:	

Instructions- Complete this form for all environmental incident that cause contaminants (including sediment) or environmental nuisance to leave the site. Be succinct, stick to known facts and do not make assumptions. Once completed submit to Queenstown Lakes District Council at RCMonitoring@qldc.govt.nz and Otago Regional Council at pollution@orc.govt.nz and compliance@orc.govt.nz. Call the QLDC Regulatory team immediately on 03 441 0499 and ORC's Pollution Hotline on 0800 800 033 for any serious or ongoing incidents that cannot be brought under immediate control.

Date and Time	Date: <i>XX/XX/XXX</i> Time: <i>XX:XX</i> hours
Description? Provide a brief and factual description of what happened during the incident, include relevant details such as: <ul style="list-style-type: none"> - The activity being undertaken when the incident occurred - The estimated distance to nearest waterway (include stormwater and dry courses) - The estimated distance to the nearest sensitive receiver Sketches/diagrams/photos may be referenced and appended to this report to aid in the description of the incident.	
Exact Location of the incident? Include address, landmarks, features, nearest tree, etc. Maps and plans can be attached.	
Quantity or volume of material escaped or causing incident? (provide and estimate quantity)	
Who identified the incident?	Contractor <input type="checkbox"/> Council <input type="checkbox"/> Community <input type="checkbox"/> Other <input type="checkbox"/>

What immediate actions/control measures were taken to rectify or contain the incident?
What initial corrective action will be taken to prevent similar incidents recurring in the near future?
Has the Queenstown Lakes District Council been notified? Yes <input type="checkbox"/> No <input type="checkbox"/> Will be notified <input type="checkbox"/> Has the Otago Regional Council been notified? Yes <input type="checkbox"/> No <input type="checkbox"/> Will be notified <input type="checkbox"/>

Role of person making report: Project Manager / Site Supervisor / Environmental Representative / SQEP	
Name.....	Signature.....
Organisation.....	Date.....
Mobile phone number.....	

APPENDIX 7 **Environmental Complaints Register**

APPENDIX 8 **Environmental Non-Conformance Register**



HERITAGE NEW ZEALAND
POUHERE TAONGA

Heritage New Zealand Pouhere Taonga Accidental Discovery Protocol

This protocol does not apply when an archaeological authority issued under the Heritage New Zealand Pouhere Taonga Act 2014 is in place.

Under the Heritage New Zealand Pouhere Taonga Act (2014) an archaeological site is defined as any place in New Zealand that was associated with human activity that occurred before 1900 and provides or may provide, through investigation by archaeological methods, evidence relating to the history of New Zealand. For pre-contact Māori sites this evidence may be but is not limited to, bones, shells, charcoal, stones etc. In later sites of European/Chinese origin, artefacts including but not limited to bottle glass, crockery etc. may be found, or evidence of old foundations, well, drains, or similar structures. Burials/kōiwi may be found in association with any of these cultural groups.

In the event that an unidentified archaeological site is located during works, the following applies;

1. Work shall cease immediately at that place and within 20m around the site.
2. The contractor must shut down all machinery, secure the area, and advise the Site Manager.
3. The Site Manager shall secure the site and notify the Heritage New Zealand Regional Archaeologist. Further assessment by an archaeologist may be required.
4. If the site is of Māori origin, the Site Manager shall notify the Heritage New Zealand Regional Archaeologist and the appropriate papatipu rūnaka of the discovery and ensure site access to enable appropriate cultural procedures and tikaka to be undertaken, as long as all statutory requirements under legislation are met (*Heritage New Zealand Pouhere Taonga Act, Protected Objects Act*).
5. If human remains (kōiwi) are uncovered the Site Manager shall advise the Heritage New Zealand Regional Archaeologist, NZ Police and the appropriate papatipu rūnaka and the above process under 4 shall apply. Remains are not to be moved until such time as papatipu rūnaka and Heritage New Zealand have responded.
6. Works affecting the archaeological site and any human remains (kōiwi) shall not resume until Heritage New Zealand Pouhere Taonga gives written approval for work to continue. Further assessment by an archaeologist may be required.
7. Where iwi so request, any information recorded as the result of the find such as a description of location and content, is to be provided for their records.
8. Heritage New Zealand Pouhere Taonga will advise if an archaeological authority under the *Heritage New Zealand Pouhere Taonga Act 2014* is required for works to continue.

It is an offence under S87 of the *Heritage New Zealand Pouhere Taonga Act 2014* to modify or destroy an archaeological site without an authority from Heritage New Zealand irrespective of whether the works are permitted or consent has been issued under the Resource Management Act.

Heritage New Zealand Pouhere Taonga Archaeologist contact details:

Nikole Wills
Regional Archaeologist Otago/Southland
Heritage New Zealand
PO Box 5467
Dunedin
Ph. +64 3 470 2364, mobile 027 240 8715
Fax. +46 3 477 3893
nwills@heritage.org.nz

APPENDIX J

RE: [EXT] FW: Hawkeswood Mining Limited - RC230325 and RM23.819 - Alluvial gold mining - Millers Flat

Pam Walker <pam@aukaha.co.nz>

Mon 18/03/2024 9:24 AM

To: barry@macdonellconsulting.co.nz <barry@macdonellconsulting.co.nz>; Simon [Hawkeswood Civil] <simon@hawkeswood.co.nz>

Cc: Kate Timms-Dean <kate@aukaha.co.nz>; Sandra McIntyre <sandra@aukaha.co.nz>; Tim Vial <tim@aukaha.co.nz>

Kia ora Barry,

Tim Vial has already addressed your proposal regarding native revegetation as below.

We are actively organising a date for the site visit and we will be in touch with you and Simon shortly.

Kā mihi,

**Pam Walker**

Kaiwhakamahere Matua Whakaaetaka (Senior Planner - Consents)

Mana Taiao

Level 2, 266 Hanover Street, Dunedin 9016 | PO Box 446, Dunedin 9054

Tari: 03 477 0071**Waea Pūkoro:** 021 1927 289

Work hours – I work 3 days a week - Monday, Tuesday, and usually Thursday.

I don't work Fridays.

www.aukaha.co.nz

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From: barry@macdonellconsulting.co.nz <barry@macdonellconsulting.co.nz>**Sent:** Monday, March 18, 2024 9:12 AM**To:** Tim Vial <tim@aukaha.co.nz>**Cc:** Pam Walker <pam@aukaha.co.nz>; Kate Timms-Dean <kate@aukaha.co.nz>; Sandra McIntyre <sandra@aukaha.co.nz>**Subject:** RE: [EXT] FW: Hawkeswood Mining Limited - RC230325 and RM23.819 - Alluvial gold mining - Millers Flat

Tim

Any further thoughts on your availability for a site visit ?

The reason I raised the biodiversity offset suggestion was because at 8.17 of your submission it notes there should be planting of indigenous species to restore biodiversity values in this catchment. That suggests to me there could be offset planting somewhere in the catchment, but not necessarily on the site (which is farmland).

I realise this would not address all of your concerns, but it might go some way.

Regards

Barry

From: Tim Vial <tim@aukaha.co.nz>
Sent: Tuesday, March 12, 2024 4:39 PM
To: barry@macdonellconsulting.co.nz
Cc: Pam Walker <pam@aukaha.co.nz>; Kate Timms-Dean <kate@aukaha.co.nz>; Sandra McIntyre <sandra@aukaha.co.nz>
Subject: RE: [EXT] FW: Hawkeswood Mining Limited - RC230325 and RM23.819 - Alluvial gold mining - Millers Flat

Kia ora Barry

Thank you for your email and your enquiry regarding native revegetation.

The submission lodged by Aukaha on behalf of Kāti Huirapa Rūnaka ki Puketeraki, Te Rūnanga o Ōtākou and Hokonui Rūnanga (Kāi Tahu) identified a range of issues of concern with the Hawkeswood Mining application including the effects of mining on:

- a. The mauri of wai māori and Te Mana o te Wai.
- b. The connections and interactions between surface water bodies and the aquifer.
- c. The potential discharge of contaminants to land and water.
- d. The on-going relationship of Kāi Tahu with wāhi tūpuna in this catchment.
- e. The potential for the destruction and modification of archaeological sites in a landscape that has a long history of occupation and use by Kāi Tahu.

The proposed use of biodiversity offsets does not address the fundamental issues of concern for Kāi Tahu that arise from this alluvial mining proposal.

We are currently endeavouring to organise a site visit which will enable Kā Rūnaka to better understand the context for this proposal.

Kā mihi, Tim



Tim Vial
Senior Planner
Level 2, 266 Hanover Street
Dunedin Central
Dunedin 9016
Waea: 03 777 3107
Waea Pūkoro: 021 584 690
Tari: 03 477 0071
www.aukaha.co.nz



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From: barry@macdonellconsulting.co.nz <barry@macdonellconsulting.co.nz>
Sent: Tuesday, March 12, 2024 3:24 PM
To: Tim Vial <tim@aukaha.co.nz>
Subject: [EXT] FW: Hawkeswood Mining Limited - RC230325 and RM23.819 - Alluvial gold mining - Millers Flat

Tim ?

From: barry@macdonellconsulting.co.nz <barry@macdonellconsulting.co.nz>
Sent: Thursday, February 29, 2024 12:54 PM

To: 'Tim Vial' <tim@aukaha.co.nz>

Subject: RE: Hawkeswood Mining Limited - RC230325 and RM23.819 - Alluvial gold mining - Millers Flat

Tim

Just going through the Aukaha submission, I see at 8.17 you are keen on native revegetation. It's probably not practical on this site generally, because the landowners want their land returned to pasture post mining, apart from a limited amount of riparian reveg that could occur alongside the Mata Au. However Hawkeswood would be interested in helping out with any other revegetation programme (riparian or wetland) on another site that may be on your to do list. Would that be of interest ?

Regards
Barry

From: Tim Vial <tim@aukaha.co.nz>

Sent: Monday, February 19, 2024 3:15 PM

To: Resource Consents <resource.consents@codc.govt.nz>; 'submissions@orc.govt.nz' <submissions@orc.govt.nz>

Cc: Anita@townplanning.co.nz; barry@macdonellconsulting.co.nz

Subject: Hawkeswood Mining Limited - RC230325 and RM23.819 - Alluvial gold mining - Millers Flat

Tēnā kōrua

Please find attached the submission of Kāti Huirapa Rūnaka ki Puketeraki, Te Rūnanga o Ōtākou and Hokonui Rūnanga (Kāi Tahu / Kā Rūnaka) on the above proposal.

Kā mihi, Tim



Tim Vial

Senior Planner

Level 2, 266 Hanover Street

Dunedin Central

Dunedin 9016

Waea: 03 777 3107

Waea Pūkoro: 021 584 690

Tari: 03 477 0071

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APPENDIX K



X Biodiversity Clusters - Added progressively with stage
 - - - - - Stage Boundaries (various colours)

File Ref:

Prepared For:

Hawkeswood Mining

No.	Amendments	Drawn	Date

Biodiversity Clusters
Millers Flat Alluvial Gold Mine

Project No.:		Surveyed:	
Scale:	1:5000	Designed:	
Date:	26/04/2024	Drawn:	JR
Sheet:	1	Checked:	

