From: Matt Schmidt

Sent: Friday, 22 August 2025 12:08 pm

To: Marie Burton

Cc:Emma Fahey; Sally ClarksonSubject:RE: Bendigo-Ophir heritage

Roger that.

Technical expert assessment for heritage uploaded.



Dr Matthew Schmidt

Senior Heritage Advisor | Kaitohu Matua Taonga Tuku Iho

Department of Conservation | Te Papa Atawhai

Ōtepoti | Dunedin Office, Level 1, John Wickliffe House, 265 Princes Street, Dunedin | Email mschmidt@doc.govt.nz | doc.govt.nz

Our vision is for New Zealand to be the greatest living space on Earth | Kāore he wāhi i tua atu i a Aotearoa, hei wahi noho i te ao



International Correspondent for the Asia-Pacific Cultural Centre for UNESCO

From: Marie Payne <mpayne@doc.govt.nz>
Sent: Friday, 22 August 2025 11:29 am
To: Matt Schmidt <mschmidt@doc.govt.nz>

Cc: Emma Fahey <efahey@doc.govt.nz>; Sally Clarkson <sclarkson@doc.govt.nz>

Subject: RE: Bendigo-Ophir heritage

Thanks Matt, I heard back from Tim and it is Cat Wilson who will make decisions on the use of externals for Heritage. On this front as I progress the request with her it may be good to check in with Raewyn and give her a heads up.

Kind regards,

Marie

Marie Payne

Senior Advisor Fast Track Applications

Te Whanganui-a-Tara | Wellington

s9(2)(a)



From: Matt Schmidt < mschmidt@doc.govt.nz >

Sent: Friday, 22 August 2025 10:37 am **To:** Marie Payne < mpayne@doc.govt.nz>

Cc: Emma Fahey <efahey@doc.govt.nz>; Sally Clarkson <sclarkson@doc.govt.nz>

Subject: RE: Bendigo-Ophir heritage

I am around today until about 2.30pm if you want to call.

Dr Matthew Schmidt
Senior Heritage Advisor| Kaitohu Matua Taonga Tuku Iho

Department of Conservation | Te Papa Atawhai

Ötepoti | Dunedin Office, Level 1, John Wickliffe House, 265 Princes Street, Dunedin

9(2)(a) Email mschmidt@doc.govt.nz | doc.govt.nz

Our vision is for New Zealand to be the greatest living space on Earth | Kāore he wāhi i tua atu i a Aotearoa, hei wahi noho i te ao



International Correspondent for the Asia-Pacific Cultural Centre for UNESCO

From: Marie Payne <mpayne@doc.govt.nz>
Sent: Thursday, 21 August 2025 5:56 pm
To: Matt Schmidt <mschmidt@doc.govt.nz>

Cc: Emma Fahey <efahey@doc.govt.nz>; Sally Clarkson <sclarkson@doc.govt.nz>

Subject: RE: Bendigo-Ophir heritage

Thanks Matt,

I will take the points below to the request, it would be good to have a call if you have time tomorrow.

Not in scope

s9(2)(g)(i)

Kind regards,

Marie Payne

Senior Advisor Fast Track Applications Te Whanganui-a-Tara | Wellington



From: Matt Schmidt < mschmidt@doc.govt.nz > Sent: Thursday, 21 August 2025 4:32 pm **To:** Marie Payne < mpayne@doc.govt.nz >

Cc: Emma Fahey <efahey@doc.govt.nz>; Sally Clarkson <sclarkson@doc.govt.nz>

Subject: RE: Bendigo-Ophir heritage

Kia ora Marie

Expertise from an independent expert with a thorough knowledge of the Otago goldmining landscape and history.

I have finished reading the assessments and am currently writing up my notes. s9(2)(g)(j), s

I would contract s9(2)(a)

as the external heritage expert. He s9(2)(a)

and knows very well the wider heritage

gold mining landscape and how it has changed. s9(2)(a)

Na

Matt



Dr Matthew Schmidt
Senior Heritage Advisor| Kaitohu Matua Taonga Tuku Iho

Department of Conservation | Te Papa Atawhai

Ötepoti | Dunedin Office, Level 1, John Wickliffe House, 265 Princes Street, Dunedin 1, Senior | Email mschmidt@doc.govt.nz | doc.govt.nz

Our vision is for New Zealand to be the greatest living space on Earth | Kāore he wāhi i tua atu i a Aotearoa, hei wahi noho i te ao



International Correspondent for the Asia-Pacific Cultural Centre for UNESCO

From: Marie Payne <<u>mpayne@doc.govt.nz</u>> Sent: Thursday, 21 August 2025 1:23 pm To: Matt Schmidt <<u>mschmidt@doc.govt.nz</u>>

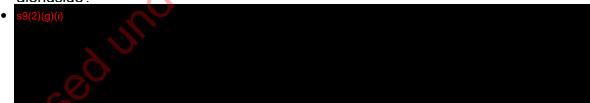
Cc: Emma Fahey < efahey@doc.govt.nz >; Sally Clarkson < sclarkson@doc.govt.nz >

Subject: RE: Bendigo-Ophir heritage

Hey Matt,

Just following on from Sally's email below:

 I am in the process of requesting the resource – which goes through BHV – but might need a bit more detail on this front Matt i.e. the rationale for the request to outsource is it capacity/expertise or both? How would you see yourself working alongside?



If you have some time to call please do.

Kind regards,

Marie

Marie Payne

Senior Advisor Fast Track Applications Te Whanganui-a-Tara | Wellington

s9(2)(a



From: Sally Clarkson < sclarkson@doc.govt.nz Sent: Tuesday, 19 August 2025 12:45 pm

To: Marie Payne < mpayne@doc.govt.nz >; Emma Fahey < efahey@doc.govt.nz >

Subject: Bendigo-Ophir heritage

Hi Marie & Emma

I was just speaking to Matt Schmidt who is down to provide heritage advice for Bendigo. He has started looking at the various heritage reports \$9(2)(g)(i)

His thoughts are that DOC should engage an external contractor to review the heritage reports for the application. He suggested \$9(2)(a) who is very experienced in this particular field.

s9(2)(g)(i)

Matt also suggested we bring Meg Embleton-Muir, the Senior Visitor Advisor, onto the team to assess the recreation aspects. Emma had contacted the Rec Manager for a suitable resource but hadn't heard back so far.

Sally

Sally Clarkson

Senior Planner Fast Track Applications
Whare Kaupapa Atawhai | Conservation House
18 Manners Street
Te Whanganui-a-Tara | Wellington

Please note: My work days are Mondays and Tuesdays



Released under the Offical Information Act

From: Tracey Grose

Sent: Thursday, 21 August 2025 3:58 pm

Charlie Sklenar; John Roberts; Kathryn Longstaff To:

Subject: ODT article - Bendigo/Santana

nole-conservati

nole-conservati

chiral intormation

chiral intor https://www.odt.co.nz/regions/central-otago/blasting-massive-hole-conservation-area-

Richard Ewans From:

Sent: Tuesday, 19 August 2025 3:52 pm

To: Sally Clarkson; DLVC FIELDLAB - MAX M L CROWE; Oliver

Overdyck

Cc: Marie Burton; Emma Fahey

RE: Bendigo-Ophir Gold Project - fast track pre-lodgement Subject:

consultation

Thanks Sally, much appreciated \circ

From: Sally Clarkson <sclarkson@doc.govt.nz>

Sent: Tuesday, 19 August 2025 3:42 pm

To: Richard Ewans <rewans@doc.govt.nz>; DLVC FIELDLAB - MAX M L CROWE.

Oliver Overdyck < ooverdyck@doc.govt.nz>

Cc: Marie Payne <mpayne@doc.govt.nz>; Emma Fahey <efahey@doc.govt.nz> **Subject:** RE: Bendigo-Ophir Gold Project - fast track pre-lodgement consultation

Kia ora Richard,

Thanks for your email and the updates. I have amended the links in the below email so hopefully Max will be able to access the documents. Let me know if you encounter any issues.

The Technical Summary Report (linked below) contains links to the actual reports DOC has received thus far and I will need to check how Max can access those. I will keep Max updated on progress.

Regards Sally

From: Richard Ewans < rewans@doc.govt.nz>

Sent: Tuesday, 19 August 2025 3:04 pm

To: Sally Clarkson < sclarkson@doc.govt.nz>; DLVC FIELDLAB - MAX M L CROWE 59(2)(a)

Oliver Overdyck < ooverdyck@doc.govt.nz>

Subject: RE: Bendigo-Ophir Gold Project - fast track pre-lodgement consultation

Kia ora Sally,

My apologies for the late response to your email.

My team has arranged for a consultant to support DOCs terrestrial ecosystem and botanical comments on this project: Max Crowe from FieldLab.

He will essentially be providing the comments for me. I will be available to support him and liaise with everyone as needed.

Could you please arrange for him to access all the documents below as soon as possible and include him in all correspondence.

Thank you for the summary of reports provided as pre-lodgement consultation which is very helpful.

We have limited hours 9(2)(a) for pre-lodgement comments so these would have to be high level and I'm unsure if he can meet 26 August date at this stage.

Ideally, we'd wait for the ecology report but appreciate that getting started is useful and that we don't know when that report is coming.

Cheers. Richard

From: Sally Clarkson < sclarkson@doc.govt.nz>

Sent: Tuesday, 12 August 2025 4:24 pm

Cc: Marie Payne < mpayne@doc.govt.nz >; Emma Fahey < efahey@doc.govt.nz >; Pene Williams

<pwilliams@doc.govt.nz>; John Roberts <jroberts@doc.govt.nz>; Pauline Marshall

<pamarshall@doc.govt.nz>; Clare Fleming <cfleming@doc.govt.nz>; Debbie Lewis

<delewis@doc.govt.nz>

Subject: Bendigo-Ophir Gold Project - fast track pre-lodgement consultation

Kia ora everyone

As you are aware, and following our project initiation meetings, Santana Minerals Ltd are looking to apply for approval under the Fast Track Approvals Act to mine gold deposits on Bendigo and Ardgour Stations.

Summary of technical reports:

As part of pre-lodgement consultation, Santana have now shared a series of technical reports with DOC. We are anticipating more reports to come which will have a significant conservation focus – relating mainly to ecology (habitat, avifauna, lizards, terrestrial invertebrates, pest management plans etc), hydrology, contaminated land, and planning. For your reference, a list of all reports that Santana have commissioned (and we are expecting to receive as part of pre-lodgement consultation) are included in the Register of Technical Reports saved here: Register of Technical Reports - Bendigo-Ophir updated 11.8.25.xlsx. The reports in red font are the reports DOC is yet to receive.

As DOC has now received a number of the reports, we would like to get you underway with reviewing the reports and providing comment in your respective areas of expertise. As a starting point, I have been through the technical reports that have been shared and have compiled a summary. It is saved here: Technical Reportsummary-Bendigo-Ophir Gold Project.docx

The summary document provides a brief scope for each report, potential effects, any mitigations included, where DOC's interest is expected to sit and who at DOC may be best placed to provide comment. Please feel free to add notes (and tag your name) if you have comments to add or believe we haven't identified the relevant expertise or commenting on this issue may not be a primary focus for DOC.

It would be appreciated if you could please review the reports relevant to your area of expertise (the summary includes who we believe the relevant expert is, as well as

links to the reports) and provide the following:

- An assessment relating to the conservation values affected
- Key findings, summary, conclusions and critical issues
- Your thoughts on potential compensation/mitigation/offsetting/avoidance possibilities – (noting that an advisor on compensation will also support the project)
- Any critical information gaps (taking into account the other reports we are anticipating will be provided, where possible).

Once complete please save your comments/assessments here:	Technical Experts
<u>Assessments</u>	~0

GIS shape files:

Santana has also provided GIS shape files for a series of things including the project footprint, concessions areas etc. These can be found here: GIS shape files. The files can be assessed and viewed via DOC's GIS. Let me know if you need any help with this. You can use these shape files to help inform your analysis and research. If technical reports aren't yet available for your area of expertise and undertaking some background analysis will help inform your future commentary, please progress with some initial background research.

If possible, we would love to have your summaries in two weeks time, by 26th August, but do let me know if there are any issues with meeting this date (I can see that Matt is away until then).

Please record your time spent on these tasks in the Workflow tool and cap the time spent to 10 hours each (if a technical report is not yet available for your review, please limit background research to 4 hours). If more time is needed, please let Marie or I know before proceeding. \$9(2)(0)(i)

If you have any questions or have trouble with any links etc please let me know. It was also previously suggested some technical subgroups maybe helpful – if you would like us to progress with establishing these also get in touch. This is all new territory so happy to move and pivot to ensure DOC is well placed to provide feedback on this proposal and prepare for the lodgement of the application.

Thanks Sally

Sally Clarkson

Senior Planner Fast Track Applications Whare Kaupapa Atawhai | Conservation House 18 Manners Street Te Whanganui-a-Tara | Wellington Please note: My work days are Mondays and Tuesdays



Released under the Offical Information Act

From: John Roberts

Sent: Monday, 18 August 2025 5:48 pm

To: Sally Clarkson; Pene Williams; Marie Payne

Subject: Bendigo-Ophir Gold Project - fast track pre-lodgement

consultation

Hi Sally/Marie/Pene





JR

From: Sally Clarkson <sclarkson@doc.govt.nz>

Sent: Tuesday, 12 August 2025 4:24 pm

To: Richard Ewans <rewans@doc.govt.nz>; Nicholas Dunn <ndunn@doc.govt.nz>; Carl Jones <cajones@doc.govt.nz>; Warren Chinn <wchinn@doc.govt.nz>; Darcy Liddell <dliddell@doc.govt.nz>; Liz Williams@doc.govt.nz>; Matt Schmidt <mschmidt@doc.govt.nz>; Rogan Colbourne <rcolbourne@doc.govt.nz>; Mandy Tocher <Mandy.Tocher@wildlands.co.nz>

Cc: Marie Payne <mpayne@doc.govt.nz>; Emma Fahey <efahey@doc.govt.nz>; Pene Williams <pwilliams@doc.govt.nz>; John Roberts <jroberts@doc.govt.nz>; Pauline Marshall <pamarshall@doc.govt.nz>; Clare Fleming <cfleming@doc.govt.nz>; Debbie Lewis <delewis@doc.govt.nz>

Subject: Bendigo-Ophir Gold Project - fast track pre-lodgement consultation

Kia ora everyone

As you are aware, and following our project initiation meetings, Santana Minerals Ltd are looking to apply for approval under the Fast Track Approvals Act to mine gold deposits on Bendigo and Ardgour Stations.

Summary of technical reports:

As part of pre-lodgement consultation, Santana have now shared a series of technical reports with DOC. We are anticipating more reports to come which will have a significant conservation focus – relating mainly to ecology (habitat, avifauna, lizards, terrestrial invertebrates, pest management plans etc), hydrology, contaminated land, and planning. For your reference, a list of all reports that Santana have commissioned (and we are expecting to receive as part of pre-lodgement consultation) are included in the Register of Technical Reports saved here: Register of Technical Reports - Bendigo-Ophir updated 11.8.25.xlsx. The reports in red font are the reports DOC is yet to receive.

As DOC has now received a number of the reports, we would like to get you underway with reviewing the reports and providing comment in your respective areas of expertise. As a starting point, I have been through the technical reports that have been shared and have compiled a summary. It is saved here: Technical Report Summary - Bendigo-Ophir Gold Project.docx

The summary document provides a brief scope for each report, potential effects, any mitigations included, where DOC's interest is expected to sit and who at DOC may be best placed to provide comment. Please feel free to add notes (and tag your name) if you have comments to add or believe we haven't identified the relevant expertise or commenting on this issue may not be a primary focus for DOC.

It would be appreciated if you could please review the reports relevant to your area of expertise (the summary includes who we believe the relevant expert is, as well as links to the reports) and provide the following:

- An assessment relating to the conservation values affected
- Key findings, summary, conclusions and critical issues
- Your thoughts on potential compensation/mitigation/offsetting/avoidance possibilities – (noting that an advisor on compensation will also support the project)
- Any critical information gaps (taking into account the other reports we are anticipating will be provided, where possible).

Once complete please save y	our comments/assessments here:	Technical Experts
<u>Assessments</u>		

GIS shape files:

Santana has also provided GIS shape files for a series of things including the project footprint, concessions areas etc. These can be found here: GIS shape files. The files can be assessed and viewed via DOC's GIS. Let me know if you need any help with this. You can use these shape files to help inform your analysis and research. If technical reports aren't yet available for your area of expertise and undertaking some background analysis will help inform your future commentary, please progress with some initial background research.

If possible, we would love to have your summaries in two weeks time, by 26th August, but do let me know if there are any issues with meeting this date (I can see that Matt is away until then).

Please record your time spent on these tasks in the Workflow tool and cap the time spent to 10 hours each (if a technical report is not yet available for your review, please limit background research to 4 hours). If more time is needed, please let Marie or I know before proceeding. \$9(2)(g)(i)

If you have any questions or have trouble with any links etc please let me know. It was also previously suggested some technical subgroups maybe helpful – if you would like us to progress with establishing these also get in touch. This is all new territory so happy to move and pivot to ensure DOC is well placed to provide feedback on this proposal and prepare for the lodgement of the application.

Thanks Sally

Sally Clarkson

Senior Planner Fast Track Applications
Whare Kaupapa Atawhai | Conservation House
18 Manners Street
Te Whanganui-a-Tara | Wellington
Please note: My work days are Mondays and Tuesdays



From: Sally Clarkson

Sent: Monday, 18 August 2025 9:36 am
To: Marie Burton; Emma Fahey

Subject: FW: Bendigo-Ophir Gold Project - fast track pre-lodgement

consultation

Hi Marie and Emma

Please see Emily's email below. Are we comfortable with collaborating with the regional council in relation to water quality? It seems that this is a usual process for DOC but just wanted to check.

Sally

From: Emily Funnell <= funnell@doc.govt.nz > Sent: Thursday, 14 August 2025 11:00 am
To: Sally Clarkson < sclarkson@doc.govt.nz >

Subject: RE: Bendigo-Ophir Gold Project - fast track pre-lodgement consultation

Kia ora Sally,

I am the Freshwater Species Manager and have Nicholas in the team. He is going to cover the hydrology aspects of this case, but he isn't the right expert for the water quality aspects. We have a few options to address this: \$9(2)(g)(1)

Cheers Emily

From: Nicholas Dunn < ndunn@doc.govt.nz > Sent: Tuesday, 12 August 2025 4:36 pm
To: Emily Funnell < efunnell@doc.govt.nz >

Subject: FW: Bendigo-Ophir Gold Project - fast track pre-lodgement consultation

Hi Emily,

The reports have now been received this application. There are reports relating to aquatic ecology and surface and groundwater quantity which I can cover, however the report relating water quality is better placed with someone else, possibly Dave.

Happy to discuss

Regards

Nicholas

From: Sally Clarkson < sclarkson@doc.govt.nz >

Sent: Tuesday, 12 August 2025 16:24

To: Richard Ewans rewans@doc.govt.nz; Nicholas Dunn ndunn@doc.govt.nz; Carl Jones cajones@doc.govt.nz; Warren Chinn wchinn@doc.govt.nz; Darcy Liddell dliddell@doc.govt.nz; Rogan Colbourne recolbourne@doc.govt.nz; Mandy Tocher Mandy.Tocher@wildlands.co.nz>

Cc: Marie Payne <<u>mpayne@doc.govt.nz</u>>; Emma Fahey <<u>efahey@doc.govt.nz</u>>; Pene Williams <<u>pwilliams@doc.govt.nz</u>>; John Roberts <<u>jroberts@doc.govt.nz</u>>; Pauline Marshall <<u>pamarshall@doc.govt.nz</u>>; Clare Fleming <<u>cfleming@doc.govt.nz</u>>; Debbie Lewis <<u>delewis@doc.govt.nz</u>>

Subject: Bendigo-Ophir Gold Project - fast track pre-lodgement consultation

Kia ora everyone

As you are aware, and following our project initiation meetings, Santana Minerals Ltd are looking to apply for approval under the Fast Track Approvals Act to mine gold deposits on Bendigo and Ardgour Stations.

Summary of technical reports:

As part of pre-lodgement consultation, Santana have now shared a series of technical reports with DOC. We are anticipating more reports to come which will have a significant conservation focus – relating mainly to ecology (habitat, avifauna, lizards, terrestrial invertebrates, pest management plans etc), hydrology, contaminated land, and planning. For your reference, a list of all reports that Santana have commissioned (and we are expecting to receive as part of pre-lodgement consultation) are included in the Register of Technical Reports saved here: Register of Technical Reports - Bendigo-Ophir updated 11.8.25.xlsx. The reports in red font are the reports DOC is yet to receive.

As DOC has now received a number of the reports, we would like to get you underway with reviewing the reports and providing comment in your respective areas of expertise. As a starting point, I have been through the technical reports that have been shared and have compiled a summary. It is saved here: Technical Report Summary - Bendigo-Ophir Gold Project.docx

The summary document provides a brief scope for each report, potential effects, any mitigations included, where DOC's interest is expected to sit and who at DOC may be best placed to provide comment. Please feel free to add notes (and tag your name) if you have comments to add or believe we haven't identified the relevant expertise or commenting on this issue may not be a primary focus for DOC.

It would be appreciated if you could please review the reports relevant to your area of expertise (the summary includes who we believe the relevant expert is, as well as links to the reports) and provide the following:

- An assessment relating to the conservation values affected
- Key findings, summary, conclusions and critical issues
- Your thoughts on potential compensation/mitigation/offsetting/avoidance possibilities – (noting that an advisor on compensation will also support the project)
- Any critical information gaps (taking into account the other reports we are anticipating will be provided, where possible).

Once complete please save your comments/assessments here:	Technical Experts
Assessments	

GIS shape files:

Santana has also provided GIS shape files for a series of things including the project footprint, concessions areas etc. These can be found here: GIS shape files. The files can be assessed and viewed via DOC's GIS. Let me know if you need any help with this. You can use these shape files to help inform your analysis and research. If technical reports aren't yet available for your area of expertise and undertaking some background analysis will help inform your future commentary, please progress with some initial background research.

If possible, we would love to have your summaries in two weeks time, by 26th August, but do let me know if there are any issues with meeting this date (I can see that Matt is away until then).

Please record your time spent on these tasks in the Workflow tool and cap the time spent to 10 hours each (if a technical report is not yet available for your review, please limit background research to 4 hours). If more time is needed, please let Marie or I know before proceeding. \$9(2)(g)(i)

If you have any questions or have trouble with any links etc please let me know. It was also previously suggested some technical subgroups maybe helpful – if you would like us to progress with establishing these also get in touch. This is all new territory so happy to move and pivot to ensure DOC is well placed to provide feedback on this proposal and prepare for the lodgement of the application.

Thanks Sally

Sally Clarkson

Senior Planner Fast Track Applications
Whare Kaupapa Atawhai | Conservation House
18 Manners Street
Te Whanganui-a-Tara | Wellington
Please note: My work days are Mondays and Tuesdays



Released under the Offical Information Act

As at 11.08.2025

	Category	Report	Comments	Reviewed
	Category	перы	Comments	neviewee
Alliance Ecology	Ecology	Assessment of effects		
Alliance Ecology	Ecology	Introduction and overarching plan framework		
Alliance Ecology	Ecology	Habitat Impact Management Plan		
Alliance Ecology	Ecology	Avifauna Management Plan		
Alliance Ecology	Ecology	Lizard Management Plan		
Habitat NZ	Ecology	Terrestrial Invertebrate Management Plan		<u> </u>
Habitat NZ	Ecology	Ardgour Restoration Plan Version of 19 June 2025		
Habitat NZ Habitat NZ	Ecology	Sanctuary Management Plan		
Habitat NZ	Ecology	Mammalian pest Management plan Biosecurity & Plant Pest Mgmt Plan		
Alliance Ecology	Ecology Ecology	Biodiversity Outcome Management Plan		X .
		, , , , , , , , , , , , , , , , , , , ,		*
Habitat NZ	Ecology	BATS HNZ_Mtakanui Bat Report UPDATED		1.7.25
Habitat NZ	Ecology	Mammalian Pest Report UPDATED	• () ·	1.7.25
Habitat NZ	Ecology	Invertebrate Report UPDATED	X	1.7.25
RMA Ecology	Ecology	Baseline Lizards		
RMA Ecology	Ecology	Baseline Birds		
RMA Ecology	Ecology	Baseline rear plants and vegetation	*	
RMA Ecology	Ecology	Baseline wetlands		
Vaterways Consulting	Ecology	BOGM Aquatic Assessment of Effects		1.7.25
vaterways Consulting	Ecology	BOOM Aquatic Assessment of Effects		1.7.25
Comanawa	Water	Bendigo-Ophir Gold Project, Bendigo Groundwater Bore Take Effects Assessment		8.7.25
CONTRICTED	uto	(Gw_Take_Effects_Rpt-Z24019SML-Rev3)		0.7.25
Komanawa	Water	Groundwater Modelling Analysis for Mining BOGP		8.7.25
		(Draft hardrock bog report version 2.0.0)		
Komanawa	Water	Gw Effects Rpt Z24002Bog-1 (Final)		8.7.25
Komanawa	Water	Surface water report		8.7.25
(omanawa	Water	Hydrology Management Plan		
1WM	Geochemistry	Summary Report		
MWM	Contaminated Land	J-G-NZ005-R-Rev0 Bendigo-Ophir PSI		
andcare Research	Closure	Applied_Research_Plan_Cushionfields and Annuals_8_Santana		6.8.25
1CM	Closure	J-NZ0454-002-R-Rev1-MCP Mine Closure Plan		8.7.25
Boffa Miskell	Landscape	Landscape, Natural Character and Visual Assesment		21.7.25
Boffa Miskell	Landscape	Closure_Plan		21.7.25
Boffa Miskell	Landscape	BM240011_VisualSimulations_R1		21.7.25
Boffa Miskell	Landscape	Mine_Mitigation Plan (Landscape)		5.8.25
Boffa Miskell	Landscape	Landscape Rehabilitation Plan		
Marshall Day	Noise	Rp 001 20230685 Bendigo-Ophir Gold Project- Assessment Of Noise & Vibration Effects		8.7.25
Marshall Day	Noise	Rp 002 20230685 Operational Noise and Blasting Management Plan		5.8.25
PDP	Air Quality	Air Quality Effects Report - Final Draft		1.7.25
PDP	Air Quality Air Quality	Air Quality Management Plan		5.8.25
	All Quality	All Quality Planagement i an		5.0.25
		Matakanui Bond Introduction-c		
ane and Associates	Bond			1.7.25
ane and Associates	Bond	Tractical and Dona introduction o		1.7.25
	Bond Water	WQCompliance Limits Report		1.7.25 5.8.25
dyder Consulting				
dyder Consulting	Water Recreation	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment		5.8.25 8.7.25
dyder Consulting decreation	Water Recreation Heritage/archeology	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025		5.8.25 8.7.25 7.7.25
dyder Consulting decreation JZHP JZHP	Water Recreation Heritage/archeology Heritage/archeology	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1		5.8.25 8.7.25 7.7.25 7.7.25
Ryder Consulting Recreation IZHP IZHP IZHP	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1 J012084 Camp HA May 2025		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25
tyder Consulting tecreation IZHP IZHP IZHP IZHP	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25
yder Consulting secreation IZHP IZHP IZHP IZHP IZHP IZHP	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25
tyder Consulting Recreation IZHP IZHP IZHP IZHP IZHP IZHP	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25
tyder Consulting Recreation IZHP IZHP IZHP IZHP IZHP IZHP	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25
tyder Consulting Secreation IZHP IZHP IZHP IZHP IZHP IZHP	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25
decreation IZHP IZHP IZHP IZHP IZHP IZHP IZHP IZHP	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Economic	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025 Economic Impacts of the Bendigo-Ophir Gold Project		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25
Ryder Consulting Recreation IZHP IZHP IZHP IZHP IZHP IZHP IZHP	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25
Ryder Consulting Recreation IZHP IZHP IZHP IZHP IZHP IZHP IZHP IZH	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Economic Economic	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025 Economic Impacts of the Bendigo-Ophir Gold Project Socio-economic Baseline Assessment		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25
Ryder Consulting Recreation IZHP IZHP IZHP IZHP IZHP IZHP IZHP IZH	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Economic	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025 Economic Impacts of the Bendigo-Ophir Gold Project		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25
Ryder Consulting Recreation IZHP IZHP IZHP IZHP IZHP IZHP IZHP IZH	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Economic Economic	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025 Economic Impacts of the Bendigo-Ophir Gold Project Socio-economic Baseline Assessment Matakanui Mine Rehab overview and ecological values post-rehab_v7_21Jan2025		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25
tyder Consulting lecreation IZHP IZHP IZHP IZHP IZHP IZHP IZHP IZHP	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Economic Economic Closure	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025 Economic Impacts of the Bendigo-Ophir Gold Project Socio-economic Baseline Assessment		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25 1.7.25
tyder Consulting lecreation IZHP IZHP IZHP IZHP IZHP IZHP IZHP IZHP	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Economic Economic Closure Traffic	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025 Economic Impacts of the Bendigo-Ophir Gold Project Socio-economic Baseline Assessment Matakanui Mine Rehab overview and ecological values post-rehab_v7_21Jan2025 Intergrated Transport Assessment - final draft		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25 1.7.25 1.7.25
Ryder Consulting Recreation IZHP IZHP IZHP IZHP IZHP IZHP IZHP IZH	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Economic Economic Closure Traffic	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025 Economic Impacts of the Bendigo-Ophir Gold Project Socio-economic Baseline Assessment Matakanui Mine Rehab overview and ecological values post-rehab_v7_21Jan2025 Intergrated Transport Assessment - final draft		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25 1.7.25 1.7.25
Recreation NZHP NZHP NZHP NZHP NZHP NZHP NZHP NZHP	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Economic Economic Closure Traffic	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP, Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025 Economic Impacts of the Bendigo-Ophir Gold Project Socio-economic Baseline Assessment Matakanui Mine Rehab overview and ecological values post-rehab_v7_21Jan2025 Intergrated Transport Assessment - final draft Transport Management Plan - construction		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25 1.7.25 1.7.25
Recreation NZHP NZHP NZHP NZHP NZHP NZHP NZHP NZHP	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Economic Economic Closure Traffic Traffic	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP, Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025 Economic Impacts of the Bendigo-Ophir Gold Project Socio-economic Baseline Assessment Matakanui Mine Rehab overview and ecological values post-rehab_v7_21Jan2025 Intergrated Transport Assessment - final draft Transport Management Plan - construction		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25 1.7.25 1.7.25
Ryder Consulting Recreation NZHP NZHP NZHP NZHP NZHP NZHP NZHP NZHP	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Economic Economic Closure Traffic Traffic	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP, Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025 Economic Impacts of the Bendigo-Ophir Gold Project Socio-economic Baseline Assessment Matakanui Mine Rehab overview and ecological values post-rehab_v7_21Jan2025 Intergrated Transport Assessment - final draft Transport Management Plan - construction		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25 1.7.25 1.7.25
Recreation NZHP NZHP NZHP NZHP NZHP NZHP NZHP NZHP	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Economic Economic Closure Traffic Traffic Cultural Impact Statement Lighting	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025 Economic Impacts of the Bendigo-Ophir Gold Project Socio-economic Baseline Assessment Matakanui Mine Rehab overview and ecological values post-rehab_v7_21Jan2025 Intergrated Transport Assessment - final draft Transport Management Plan - construction BOGP Cultural Impact Statement CQ24020 BOGP Exterior Lighting Report RevA		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25 1.7.25 1.7.25 8.7.25
Recreation NZHP NZHP NZHP NZHP NZHP NZHP NZHP NZHP	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Economic Economic Closure Traffic Traffic Cultural Impact Statement	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025 Economic Impacts of the Bendigo-Ophir Gold Project Socio-economic Baseline Assessment Matakanui Mine Rehab overview and ecological values post-rehab_v7_21Jan2025 Intergrated Transport Assessment - final draft Transport Management Plan - construction BOGP Cultural Impact Statement		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25 1.7.25 1.7.25 8.7.25
Recreation NZHP NZHP NZHP NZHP NZHP NZHP NZHP NZHP	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Economic Economic Closure Traffic Traffic Traffic Cultural Impact Statement Lighting Social Impact	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_RevA 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025 Economic Impacts of the Bendigo-Ophir Gold Project Socio-economic Baseline Assessment Matakanui Mine Rehab overview and ecological values post-rehab_v7_21Jan2025 Intergrated Transport Assessment - final draft Transport Management Plan - construction BOGP Cultural Impact Statement CQ24020 BOGP Exterior Lighting Report RevA Social Impact Assessment		5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25 1.7.25 1.7.25 8.7.25
Recreation NZHP NZHP NZHP NZHP NZHP NZHP NZHP NZHP	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Economic Economic Closure Traffic Traffic Cultural Impact Statement Lighting	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_RevA 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025 Economic Impacts of the Bendigo-Ophir Gold Project Socio-economic Baseline Assessment Matakanui Mine Rehab overview and ecological values post-rehab_v7_21Jan2025 Intergrated Transport Assessment - final draft Transport Management Plan - construction BOGP Cultural Impact Statement CQ24020 BOGP Exterior Lighting Report RevA Social Impact Assessment	These reports have since	5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25 1.7.25 1.7.25 8.7.25
Ryder Consulting Recreation RIZHP RI	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Economic Economic Closure Traffic Traffic Traffic Cultural Impact Statement Lighting Social Impact	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_RevA 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025 Economic Impacts of the Bendigo-Ophir Gold Project Socio-economic Baseline Assessment Matakanui Mine Rehab overview and ecological values post-rehab_v7_21Jan2025 Intergrated Transport Assessment - final draft Transport Management Plan - construction BOGP Cultural Impact Statement CQ24020 BOGP Exterior Lighting Report RevA Social Impact Assessment	been removed from the	5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25 1.7.25 1.7.25 8.7.25
Recreation NZHP NZHP NZHP NZHP NZHP NZHP NZHP NZHP	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Economic Economic Closure Traffic Traffic Traffic Cultural Impact Statement Lighting Social Impact	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025 Economic Impacts of the Bendigo-Ophir Gold Project Socio-economic Baseline Assessment Matakanui Mine Rehab overview and ecological values post-rehab_v7_21Jan2025 Intergrated Transport Assessment - final draft Transport Management Plan - construction BOGP Cultural Impact Statement CQ24020 BOGP Exterior Lighting Report RevA Social Impact Assessment	been removed from the latest version of the	5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25 1.7.25 1.7.25 8.7.25
Ryder Consulting Recreation NZHP NZHP NZHP NZHP NZHP NZHP NZHP NZHP	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Economic Economic Closure Traffic Traffic Cultural Impact Statement Lighting Social Impact Planning	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025 Economic Impacts of the Bendigo-Ophir Gold Project Socio-economic Baseline Assessment Matakanui Mine Rehab overview and ecological values post-rehab_v7_21Jan2025 Intergrated Transport Assessment - final draft Transport Management Plan - construction BOGP Cultural Impact Statement CQ24020 BOGP Exterior Lighting Report RevA Social Impact Assessment BOGP Draft Fast-Track AEE Table of Contents (21 January 2025)	been removed from the	5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25 1.7.25 1.7.25 8.7.25
Aukaha Cosgroves SHD Mitchell Daysh Mitchell Daysh Mitchell Daysh Mitchell Daysh Mitchell Daysh	Water Recreation Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Heritage/archeology Economic Economic Closure Traffic Traffic Traffic Cultural Impact Statement Lighting Social Impact	WQCompliance Limits Report Santana Minerals Bendigo-Ophir recreation assessment J011821_BOGP HA_May 2025 J011821_AMP_Rev A 1 J012084 Camp HA May 2025 J012109 AGR April 2025 J012137 CIT Track April 2025 J012082 Emulsion Tanks 2025 Economic Impacts of the Bendigo-Ophir Gold Project Socio-economic Baseline Assessment Matakanui Mine Rehab overview and ecological values post-rehab_v7_21Jan2025 Intergrated Transport Assessment - final draft Transport Management Plan - construction BOGP Cultural Impact Statement CQ24020 BOGP Exterior Lighting Report RevA Social Impact Assessment	been removed from the latest version of the	5.8.25 8.7.25 7.7.25 7.7.25 7.7.25 7.7.25 7.7.25 1.7.25 1.7.25 8.7.25

Summary of reports provided by Santana Minerals as part of pre-lodgement consultation

- Santana have provided a register of the documents (assessments, technical reports etc) that are being/have been prepared in support of the substantive application.

 Note: they have not provided to DOC all reports at this stage (but it sounds like they are intending to when they have been completed)
- Reports included on Document Register but not provided, to date (as of 11/08/25):
 - Ecology numerous reports (habitat impact, lizard management plan, terrestrial invertebrate MP, avifauna MP...)
 - Water (hydrology management plan)
 - Geochemistry
 - Contaminated land
 - Landscape Rehabilitation Plan
 - Mine rehab overview and ecological values post-rehab
 - Cultural Impact Statement
 - Social Impact Statement
 - Planning fast track application

Report title & author	Report scope / summary	Potential effects relate to	Mitigations included / recommended	DOC interest	DOC delegation	Technical expert reviewed (Y/N) Please also include link to your comments. Save here: Technical Experts Assessments
Assessment of Environmental Effects from the discharge of contaminants into air Author: Pattle Delamore Partners Ltd Date: 5 June 2025 Job ref: C051440001 Air Quality Assessment of Effects.pdf	Air quality assessment for dust and gaseous emissions	Ecological: s9(2)(b)(ii), s9(2)(ba)(ii)	 Air Quality Management Plan (AQMP) – purpose and intended content/structure (section 13, p105) – see below for AQMP which has now been completed Scope & type of conditions of consent (section 14, p106) Nothing specific suggested in draft AQMP or as part of consent conditions seems to relate directly to ecological effects 	s9(2)(b)(ii), s9(2)(ba)(ii)	Vegetation – Richard Ewans	

Report title & author	Report scope / summary	Potential effects relate to s9(2)(b)(ii), s9(2)(ba)(ii)	Mitigations included / recommended	DOC interest	DOC delegation	Technical expert reviewed (Y/N) Please also include link to your comments. Save here: Technical Experts Assessments
AIR QUALITY Air Quality Management Plan Author: Pattle Delamore Partners Ltd Date: July 2025 Rev: FINAL-R1 Air Quality Management Plan.pdf	Summary of key information on sources, mitigation and monitoring of air contaminants. Actions and measures to ensure that (proposed) conditions of consent can be met in relation to dust discharges	As noted above for Assessment	 Dust / gaseous air contaminants monitoring Watering systems Meteorological monitoring 	s9(2)(g)(i)	Vegetation – Richard Ewans	
AQUATIC ECOLOGY Bendigo Ophir Gold Project: Assessment of Effects on Aquatic Ecology Author: Water Ways Consulting Date: June 2025 Report No. 38-2024A 250528 Aquatic Assessment Report Bendigo_FINAL.docx	s9(2)(b)(ii), s9(2)(ba)(ii)				Freshwater – Nicholas Dunn	
BOND Bendigo-Ophir Gold Project Bond Introduction Author: Land Associates Ltd Date: 27 May 2025 Matakanui Bond Introduction- e.pdf	 Matakanui expecting consent conditions that require a bond to cover cost of rehabilitation of site post-closure Outlines the process used for quantifying cost of rehabilitation of the site (& bond payable) 			Bond jointly held by ORC and CODC and perhaps DOC	Concessions permissions advisor – Carl Jones s9(2)(g)(i), s9(2)(j)	
ECOLOGY Mammalian Pest Survey Author: Habitat NZ Ltd	s9(2)(b)(ii), s9(2)(ba)(ii)				Vegetation – Richard Ewans Invertebrates – Warren Chinn	

Report title & author	Report scope / summary	Potential effects relate to	Mitigations included / recommended	DOC interest	DOC delegation	Technical expert reviewed (Y/N) Please also include link to your comments. Save here: Technical Experts Assessments
Date: May 2025 Project No. 1801-1123 20250515 BOGP Mammalian Fest_Report_v001.pdf	s9(2)(b)(ii), s9(2)(ba)(ii)	Mormoilon				
ECOLOGY Native Bat Survey Author: Habitat NZ Ltd Date: May 2025 Project No. 1217-2401 20250515 BOGP Native Bat Survey Final v001.pdf	Native bat survey across ESA No bats found – but occasional presence cannot be ruled out	Report concludes bats not likely to be affected by proposed mining activities and no further consideration of bats required	None – survey informs AEE	 Report notes that DOC records indicate long-tailed bats may be present in the immediate area of Dunstan Mountains National Bat Database indicated single isolated long-tailed bat record 2km south of survey area. As it was close to site, it indicated that long-tailed bats could be present. However, record was removed from database due to degree of uncertainty around validity of recording. Following this, closest recording of bat activity is at least 60km from site 	Darcy Liddell – would you be able to look into this please. Does it look like it may warrant a bat expert? Do we think they may actually need a permission? We can request expertise if needed. s9(2)(g)(i)	
Terrestrial Invertebrate Survey Author: Habitat NZ Ltd Date: May 2025 Project No. 1801-1123 20250519 BOGP Terrestrial Invertebrate Survey Final v001.pdf					Invertebrates – Warren Chinn	

Report title & author	Report scope / summary	Potential effects relate to	Mitigations included / recommended	DOC interest	DOC delegation	Technical expert reviewed (Y/N) Please also include link to your comments. Save here: Technical Experts Assessments
	s9(2)(b)(ii), s9(2)(ba)(ii)	KOLLUSIIOL,				
ECONOMIC	s9(2)(b)(ii), s9(2)(ba)(ii)					
Bendigo-Ophir Gold Project Socio-Economic Baseline Assessment	600					
Author: Rationale Ltd						
Date: 3 May 2024, Rev 2.0						
BOGP_SE Baseline_v2.0_final.pdf	*KO					
ECONOMIC Economic Impacts of the Bendigo-Ophir Gold Project	Service					
Author: Benje Patterson						
Date: Feb 2025, Version 5 Economic impacts of the Bendigo-Ophir Gold Project FINAL (1).pdf						
HERITAGE	s9(2)(b)(ii), s9(2)(ba)(ii)				Heritage Advisor – Matt Schmidt	
Archaeological Management Plan (AMP)						
Author: NZ Heritage Properties						
Ltd Date: 13/5/2025, Rev A						
Archaeological Management Plan.pdf						

Report title & author	Report scope / summary	Potential effects relate to	Mitigations included / recommended	DOC interest	DOC delegation	Technical expert reviewed (Y/N) Please also include link to your comments. Save here: Technical Experts Assessments
	s9(2)(b)(ii), s9(2)(ba)(ii)	I VIOLINO I I I I I I I I I I I I I I I I I I				
IERITAGE	s9(2)(b)(ii), s9(2)(ba)(ii)				Heritage Advisor – Matt Schmidt	
Author: NZ Heritage Properties Ltd (Naomi Woods & Claire Thorrold) Date: 11/04/2025, Rev A Heritage Assessment.pdf						
HERITAGE	s9(2)(b)(ii), s9(2)(ba)(ii)				Heritage Advisor – Matt Schmidt	
leritage Assessment: construction Camp						
uthor: NZ Heritage Properties td (Naomi Woods)						
Pate: 13/2/2025, Rev B						

Report title & author Heritage Assessment.pdf	Report scope / summary s9(2)(b)(ii), s9(2)(ba)(ii)	Potential effects relate to	Mitigations included / recommended	DOC interest	DOC delegation	Technical expert reviewed (Y/N) Please also include link to your comments. Save here: Technical Experts Assessments
HERITAGE Magazine and Emulsion Tank (short report) Author: NZ Heritage Properties Ltd (Naomi Woods) Date: 28/03/2025 Magazine and Emulsion Tanks.pdf	Identify the presence and nature of any heritage sites within proposed location of magazine and emulsion tank (desktop assessment)	No previously recorded archaeological sites present	3x recommendations made p2	N/A – no sites present however may wish to review report to ensure agreement with conclusions reached	Heritage Advisor – Matt Schmidt	
HERITAGE Ardgour Rise Realignment (short report) Author: NZ Heritage Properties Ltd (Naomi Woods) Date: 17/04/2025 Ardgour Rise Realignment.pdf	Identify the presence and nature of any heritage sites within Ardgour Rise road realignment (desktop assessment)	No previously recorded archaeological sites present	3x recommendations made p2-3	No sites present however may wish to review report to ensure agreement with conclusions reached	Heritage Advisor – Matt Schmidt	
HERITAGE Come-in-Time CIT Battery Access Track (short report) Author: Claire Thorrold Date 17/04/2025	Identify the presence and nature of any heritage sites within the CIT battery access track area desktop assessment)	s9(2)(b)(ii), s9(2)(ba)(ii)	3x recommendations made p4-5	s9(2)(b)(ii), s9(2)(ba)(ii)	Heritage Advisor – Matt Schmidt	
CLOSURE Bendigo-Ophir Gold Project Mine Closure Plan Author: Mine Closure Management PTY Ltd Date: 5 June 2025 Ref: J-NZ0454-002-R-Rev1 Bendigo-Ophir Gold Project Mine Closure Plan.pdf	 Describes strategies to be implemented to manage closure risks and to meet proposed closure outcomes Closure outcomes include cultural heritage, revegetation, hydrology, hydrogeology (pit lakes) Post-mine land use (PMLU) = to return majority of land to pastoralism with areas of ecological uplift in line with 	Closure of mine and how impacts will be minimised, landform remediated etc	Suggested conditions of consent included – section 3.2, p24 - revegetation of native species where appropriate - PMLU will be developed in consultation with landowners, regulatory bodies etc	 Closure outcomes summary p5-6. Also refer to table 7, p38 DOC identified as stakeholder relevant to closure planning (section 4.1, p27) Rehabilitation management (landform surface treatment, seed management, planting 	Carl? Concessions/Legal? Richard Ewans – revegetation elements Matt Schmidt – heritage elements Nicholas Dunn – freshwater	

Report title & author	Report scope / summary	Potential effects relate to	Mitigations included / recommended	DOC interest	DOC delegation	Technical expert reviewed (Y/N) Please also include link to
			5			your comments. Save here: Technical Experts Assessments
	current surrounding and underlying land use			strategies, fauna habitats) section 9.6, p55		
		×10		• C.3.6 fauna, p131		
LIGHTING	Expected effects and mitigation			TBC	May be relevant in relation to	
Exterior Lighting Report	of exterior lighting	10,			birds (and bats?).	
Author: Cosgroves		4O'			Birds – Rogan Colbourne.	
Date: 15/05/2025						
Ref: CQ24020, Rev C						
CQ24020 BOGP Exterior Lighting Report Rev C FINAL.pdf	- Kilco					
NOISE	Assessment of operational	Noise and vibration	Consent conditions (noise	TBC	As above. Unsure if noise effects	
Assessment of Noise and Vibration Effects	noise and vibration		limits, management plan etc)		would be relevant to avifauna. Birds – Rogan Colbourne.	
Author: Marshall Day Acoustics	111					
Date: 13 May 2025	8)					
Ref: Rp 001 R02 20230685						
Assessment Of Noise & Vibration Effects FINAL.pdf						
NOISE Noise and Vibration Management Plan	Outlines strategies and procedures to manage and mitigate noise and vibration	Noise and vibration		TBC	As above. Unsure if noise effects would be relevant to avifauna. Birds – Rogan Colbourne.	
Author: Marshall Day Acoustics					5do Hobaii Colbodiiio.	
Date: 27 June 2025						
Rev: R02						
Noise and Vibration Management Plan.pdf						
DECRETION	s9(2)(b)(ii), s9(2)(ba)(ii)					

RECREATION

Recreation Assessment

Author: Rob Greenaway & Associates

Date: June 2024

Matakanui Bendigo-Ophir recreation assessment Final 12 June 2025.pdf

Report title & author	Report scope / summary	Potential effects relate to	Mitigations included / recommended	DOC interest	DOC delegation	Technical expert reviewed (Y/N) Please also include link to your comments. Save here: Technical Experts Assessments
	s9(2)(b)(ii), s9(2)(ba)(ii)	Romaion				
Integrated Transport Assessment (ITA) Author: Stantec Date: 13 May 2025 Project/file: 310206156 Integrated Transport Assessment.pdf TRAFFIC Access Road Construction Traffic Management Plan (TMP) Author: Matakanui Gold Limited Date: 23.05.2025, Rev 1 Integrated Transport Assessment.pdf	s9(2)(b)(ii), s9(2)(ba)(ii) s9(2)(b)(ii), s9(2)(ba)(ii)					
GROUNDWATER Groundwater Existing Environment & Effects Assessment Author: Kōmanawa Solutions Ltd Date: 30.04.2025 Report No. Z24002BOG-1	Assessment of effects on groundwater (abstraction, diversion, use and return)	Groundwater		Would DOC be interested in impacts on groundwater? Report describes aquatic ecology & wetlands, but info has come from another report (Assessment of Effects on Aquatic Ecology, Water Ways Consulting)	Nicholas Dunn – is DOC interested in commenting on groundwater effects?	

Report title & author	Report scope / summary	Potential effects relate to	Mitigations included / recommended	DOC interest	DOC delegation	Technical expert reviewed (Y/N) Please also include link to your comments. Save here: Technical Experts Assessments
Groundwater - existing environment & effects assessment.pdf		101:				
GROUNDWATER Groundwater Bore Take Effects Assessment	Assessment of effects on mine bore water supply	Groundwater		Would DOC be interested in impacts on groundwater?	As above.	
Author: Kōmanawa Solutions Ltd Date: 30.04.2025 Report No. Z24019SML-3						
Groundwater - bore take effects assessment.pdf	CHICO					
GROUNDWATER Groundwater Modelling Analysis for Mining Bendigo- Ophir Deposit	Modelling results			Not relevant		
Author: Kōmanawa Solutions Ltd Date: 12.05.2025, version 2.0.1 Groundwater modelling	3					
SURFACE WATER Surface Water & Catchment Existing Environment & Effects Assessment Author: Kōmanawa Solutions	Existing hydrological environment & assesses the effects of the proposal on the flow or volume of surface water (surface water hydrological assessment)	Surface water		Not relevant	Nicholas Dunn – may wish to review and/or comment	
Ltd Date: 15/05/2025 Report No. Z24002BOG-2 Surface water & catchment -						
existing environment & effects assessment.pdf						
SURFACE WATER Water Quality Compliance Limits Report Author: Greg Ryder Consulting	Recommendations relating to water quality compliance limits to establish thresholds for chemical indicators of water quality	Water quality from mining activities		Water quality	Freshwater – Nicholas Dunn	

Report title & author	Report scope / summary	Potential effects relate to	Mitigations included / recommended	DOC interest	DOC delegation	Technical expert reviewed (Y/N) Please also include link to your comments. Save here: Technical Experts Assessments
Date: 30 July 2025 Version: 4.2 (Final) Water Quality Compliance Limits Report.pdf		ation				
LANDSCAPE Landscape, Natural Character and Visual Effects Assessment Author: Boffa Miskell Date 11/07/2025 Landscape, Natural Character and Visual Assesment.pdf	Effects assessment relating to landscape, visual and natural character effects	Landscape effects during operation and beyond – pits, engineered landforms, haul roads, buildings/structures, Thomson Gorge Rd realignment Visual effects from private viewpoints, dwellings, roads, conservation areas Natural character effects – creek catchments (creeks)	Landscape Mitigation Plan p184 & 185	Does briefly describe pest exclusion areas (1st paragraph p35 and section 6.5.3.13 p41) Also note the broader interests of the covenant.	RMA if relevant/potentially covenant related SLM.	
LANDSCAPE Visual Simulations Author: Boffa Miskell Date: 08/07/2025	Visual simulations from various locations showing views (existing, during operations and at closure)	Visual effects on landscape and natural character	N/A			
LANDSCAPE Landscape Mitigation Plan Author: Boffa Miskell Date: 11 July 2025	1 page graphic plan	Visual effects	Included on plan		RMA if relevant. SLM – potentially related to the covenant.	
LANDSCAPE Applied Research Plan (for conservation management, rehabilitation and expansion of cushionfield) Author: Manaaki Whenua –	Management actions to enhance the area and size of herbfields	s9(2)(b)(ii)	Management at 3 levels (broad/whole site; paddock; and small patch). ARP has 6 components p5	Management and replacement of herbfields – entire report useful/relevant	Richard Ewans – vegetation	
Landcare Research Date: June 2025 Applied Research Plan - herbfields.pdf						

From: Marie Payne

Sent: Monday, 11 August 2025 8:25 pm

To: Sally Clarkson

Subject: RE: Bendigo-Ophir Gold Project - fast track consultation

Hey Sally,

Looks good a few edits below in red. I wondered if we could add a column to your report summary table too stating whether or not reviewed and asking the expert to provide a link to their document. We should also instruct them where to save their commentary – set up a folder in the workflow?

Hope that sounds good, always happy to chat.

Kind regards,

Marie Payne

Senior Advisor Fast Track Applications
Te Whanganui-a-Tara | Wellington





From: Sally Clarkson <sclarkson@doc.govt.nz>
Sent: Monday, 11 August 2025 4:58 pm
To: Marie Payne <mpayne@doc.govt.nz>

Subject: Bendigo-Ophir Gold Project - fast track consultation

Hi Marie,

Here is the draft of what I am proposing to send to the project team. Feel free to make any changes required.

I was thinking to send it to the following:

Control following recipient is outside your organization: Mandy Tocher X Debbie Lewis X Matt Schmidt X: These recipients are sending automatic replies. Whe've found some ways to make your message more accessible. Review accessibility issues	
To O Richard Ewans: O Nicholas Dunn: Carl Jones: O Warren Chinn; O Darcy Liddell: O Liz Williams: O Matt Schmidt; O Rogan Colbourne: O Mandy Tocher < mtocher@lizardexpertnz.co.io Liz Williams:	.nz>;
Send Cc Marie Payne; Simma Fahey; Carl Jones; Pene Williams; John Roberts; Pauline Marshall; Clare Fleming; Debbie Lewis	
Subject Bendigo-Ophir Gold Project - fast track consultation	

Sally

Kia ora everyone

As you are aware and following our project initiation meetings, Santana Minerals Ltd are looking to apply for approval under the Fast Track Approvals Act to mine gold deposits on Bendigo and Ardgour Stations.

As part of pre-lodgement consultation, Santana have now shared a series of technical reports with DOC but we are anticipating more reports which will have a more significant conservation focus to come – relating mainly to ecology (habitat, avifauna, lizards, terrestrial invertebrates, pest management plans etc), (hydrology, contaminated land, landscape, planning – Felt like we have received some of these?)

As a starting point, I have been through the reports that have been shared and have compiled a summary – saved here: Technical Report Summary – Bendigo-Ophir Gold Project.docx

The summary document provides a brief scope for each report, potential effects, any mitigations included, where DOC's interest is expected to lie and who at DOC may be best placed to provide comment. Please feel free to add notes (and tag your name) if you have comments to add or believe we haven't identified the relevant expertise/commenting on this issue may not be a primary focus of DOC.

It would be appreciated if you could please review the reports relevant to your area of expertise (the summary includes links to the reports) and provide the following:

- An assessment relating to the conservation values affected
- Key findings, summary, conclusions and critical issues
- Your thoughts on potential compensation/mitigation/offsetting/avoidance possibilities (noting that an advisor on compensation will also support the project)
- Any critical information gaps (taking into account the other reports we are anticipating will be provided, where possible).

As mentioned above, we are still anticipating that Santana will share more reports with DOC. A list of all reports that Santana have commissioned and we are expecting to receive are included in the Register of Technical Reports (in red font) saved here. Register of Technical Reports - Bendigo-Ophir updated 11.8.25.xlsx

Santana has also provided GIS shape files for a series of things including the project footprint, concessions areas etc). These can be found here GIS shape files

and assessed via DOC's GIS. Let me know if you need any help with this. You can use these shape files to help inform your analysis and research. If technical reports aren't yet available for your area of expertise and undertaking some background analysis will help inform your future commentary please progress with some initial background research.

If possible, we would love to have your summaries in two weeks time, by 25th August, but do let me know if there are any issues with meeting this date (I can see that Matt is away until then).

Please record your time spent on these tasks in the Workflow tool and cap the time spent to 10 hours each (if a technical report is not yet available for your review please limit background research to 4 hours). If more time is needed, please let Marie or I know before proceeding.

Mandy and Liz – I've sent this to you as an fyi. We haven't received any reports relating to lizards and specifically an AEE so far but I will be in touch when/if we do.

If you have any questions or have trouble with any links etc please let me know. It was also previously suggested some technical subgroups maybe helpful – if you would like us to progress with establishing these also get in touch. This is all new territory so happy to move and pivot to ensure DOC is well placed to provide feedback on this proposal and prepare for the lodgement of the application.

Thanks Sally

Sally Clarkson

Senior Planner Fast Track Applications Whare Kaupapa Atawhai | Conservation House 18 Manners Street Te Whanganui-a-Tara | Wellington

Please note: My work days are Mondays and Tuesdays



From: Shawn Gardner

Sent: Thursday, 7 August 2025 1:45 pm

To: Andrew Mclellan

Cc: Stephen Karaitiana; Grace Masterton; Peter Galvin; Emma Fahey;

Marie Burton

Subject: Bendigo-Ophir Gold Project Treaty Obligations Table for Review

Hi Andrew,

I've completed the draft Treaty Obligations Table for the Bendigo-Ophir Gold Project, find the table here: Bendigo-Ophir Gold Project Treaty Settlements Table.docx. The Proposal is for an open-pit mine then later underground mining in Central Otago. The Project will also include ancillary mining related activities including engineered landforms for sterile rock storage, tailings storage, processing facilities and access roads. The project location is indicated here: Bendigo-Ophir Gold Project Location Project Study Area.pdf. I've noticed that we also have GIS shapefiles for this project, find those here: GIS shape files. While it appears from my initial assessment that no PCL directly overlaps with the area of the Proposal, there are several areas of PCL nearby (indicated in Table E in the Treaty Settlements summary document).

There is no drop dead deadline for this review.

Please do reach out if you have any questions. Released under

The Proposal is for an open-pit mine then later underground mining in Central Otago. The Project will also include ancillary mining related activities including engineered landforms for sterile rock storage, tailings storage, processing facilities and access roads

Template – DOC Treaty Settlement Considerations/Implications

Instructions:

Fast-track team: Follow the instructions in <u>docCM - Fast-track - How to identify Treaty settlement information</u> to complete **Tables A-D**.

Following the Context meeting, follow the guidance text in this template to complete **Table E** (if applicable).

Delete all instructions and red text before sending the template to the Fast-track Applications Manager for approval.

A. Relevant enacted Treaty settlements & DOC obligations

Instructions: Please duplicate the table below for each relevant Treaty settlement.

Treaty settlement:	DOC obligation:	Source:	Relevance to project:
Ngāi Tahu Claims Settlement Act 1998	[Deed of Settlement] Attachment 12.147: Protocol 5 FRESHWATER FISHERIES 5.1 The Department has a statutory role in advocating the conservation of aquatic life and freshwater fisheries generally. Its advocacy for freshwater biota, aquatic habitats and fish passage in all areas is primarily taken via statutory planning processes provided by the Resource Management Act 1991. 5.2 The Settlement Legislation provides the power to promulgate regulations with respect to customary freshwater fisheries in the South Island administered under the Conservation Act 1987, with such regulations to be promulgated as soon as practicable, and in any event within two years of the Settlement Date. Besides generally consulting with Te Runanga and providing for its participation in the conservation and management of customary freshwater fisheries and freshwater fish habitats, the Department will consult and have particular regard to the advice of Te Runanga as an Advisory Committee appointed under section 56 of the Conservation Act on		The Proposal is an open pit mine, the volume of earthworks required to actualise this will be substantial. Earthworks will need to be managed in a careful way to avoid impacts on freshwater fisheries. Of note in regard to this is that both Te Wairere (Lake Dunstan) and Mata-au (Clutha River) are near the proposal site. Both of these waterbodies are subject to a Statutory Acknowledgement and Deed of Recognition (s206 and 212 NTSC Act).

Commented [AM1]: perhaps include reference to the relevant Deed schedule and Deed Plan as well?





all matters concerning the management and conservation by the Department of Conservation of Taonga Fish Species (as defined in the Settlement Legislation) within the Ngai Tahu Takiwa.

5.3 Advisory Committee

The Department will, in relation to the Taonga Fish Species and as far as reasonably practicable, provide the Advisory Committee with all relevant information to enable it to give informed advice, and will meet with the Advisory Committee at conservancy level as necessary to give effect to the Deed of Settlement and Settlement Legislation.

- 5.4 Customary freshwater fisheries regulations The Department will work with Te Runanga at Regional and conservancy levels to: (a)

 Provide for Te Runanga participation in the development and promulgation of customary freshwater fishing regulations by:
- Establishing a joint working group;
- Setting terms of reference for that working group; Setting timelines for progress;
- Providing information to Te Runanga in a timely manner and allowing Te Runanga an opportunity to comment.
- 5.5 Specific Projects The Department will, subject to 3.2 above, work with Te Runanga to:
- (a) Develop and implement guidelines for the Department with respect to the promotion of compliance with customary freshwater fisheries regulations.
- (b) Develop and implement guidelines for the Department with respect to monitoring the efficacy of the customary freshwater fisheries regulations at regular intervals.
- (c) Develop and implement guidelines for the Department with respect to sharing accumulated management information and research data on customary freshwater fisheries with Te Runanga.

5.6 Other matters The Department will work with Te Runanga at Regional and conservancy levels to provide for active participation by Te Runanga in the conservation, management and research of customary freshwater fisheries and freshwater fish habitats by: (a) Seeking to identify areas for cooperation in advocacy, consistent with 9 below, focusing on fish passage, minimum flows, protection of riparian vegetation and habitats, water quality improvement and in the restoration, rehabilitation or enhancement of customary freshwater fisheries and their freshwater habitats. (b) Consulting with Te Runanga in developing or contributing to research programmes that aim to improve the understanding of the biology of customary freshwater fisheries and their environmental and habitat requirements. The Department confirms that it regards Te Runanga as a possible science provider or collaborator for research projects funded or promoted by the Department in the same manner as other potential providers or collaborators. 5.7 Specific Projects The Department will, subject to 3.2 above, work with Te Runanga to: (a) Conduct research to establish and address ecosystem threats to specified customary freshwater fisheries including barriers to migration, habitat loss and exotic species interaction. (b) Contribute to the resolution of eel management issues, in particular, the administration of the fish passage regulations in the Freshwater Fisheries Regulations, and the promotion of the installation of effective fish passes where necessary and monitoring of their effects, by participating in discussions with Te Runanga and Te Waka a Maui me ona Toka Mahi Tuna. (c) Identify the need for, and where necessary prepare, management plans for freshwater fisheries management.

[Deed of Settlement] Attachment 12.147: Protocol

7 HISTORIC RESOURCES

- 7.1 The Minister acknowledges the importance to Ngai Tahu of their wahi tapu, wahi taonga and other places of historic significance to them. Liaison with Te Runanga is important in the management of those places containing sites of historic and cultural significance to Ngai Tahu, including places of settlement, horticulture, natural resource harvesting, warfare, communication, and places of cultural and spiritual connection.
- 7.2 The Department notes that non-disclosure of locations of places known to Ngai Tahu is a practice used by Ngai Tahu to preserve the sanctity of a place. Respecting the principle of confidentiality brings management difficulties of a particular kind. Where information is not available, management practices which (unintentionally) contravene the cultural purpose associated with a specific site, may be put in place. Where reasonably practicable, the Department will respect the principle of confidentiality that applies to wahi tapu, wahi taonga and places of historic significance to Ngai Tahu. The primary responsibility for identifying and assessing Ngai Tahu heritage values rests with Te Runanga.
- 7.3 The Department will work with Te Runanga at Regional and conservancy levels to:
- (a) Ensure, as far as reasonably practicable, that Ngai Tahu values attaching to identified wahi tapu, wahi taonga and places of historic significance to Ngai Tahu managed by the Department are respected by the Department, for example, by the Department giving consideration to impacts from visitor numbers, facilities and services.
- (b) Manage, as far as reasonably practicable, wahi tapu, wahi taonga and places of historic significance to Ngai Tahu according to the standards of conservation practice outlined in the ICOMOS New Zealand Charter 1993.

[DOS: Attachment 12.147 Form of Protocols] (pages 807-818 of PDF)

DOC GIS shows several nearby historic heritage sites to the project study area. While in this instance the project study area is not directly within Public Conservation Land, it is adjacent to the Bendigo Historic Reserve, which contains many important cultural sites. The Department should consider the potential impacts of the Proposal to these sites.

Commented [SG2]: The Project Area does appear to overlap with the Bendigo Covenant. <u>Lands-Tracker:</u>
Covenant / Kawenata / PPL Agreement - Bendigo
Covenant

9(2)(q)(i)

(c) Ensure, as far as reasonably practicable, that when issuing concessions giving authority for other parties to manage land administered by the Department, those parties manage the land according to the standards of conservation practice outlined in the ICOMOS New Zealand Charter 1993. (d) Have particular regard to relevant Te Runanga policies, including those relating to Koiwi Tangata (unidentified human remains) and Archaeological and Rock Art Sites. (e) Ensure, as far as reasonably practicable, that it uses Ngai Tahu's cultural information only with the consent of Te Runanga. (f) When issuing concessions to carry out activities on the land administered by the Department, request that the concessionaire consult with Te Runanga before using Ngai Tahu's cultural information. 7.4 Specific Projects The Department will, subject to 3.2 above, work with Te Runanga at Regional and conservancy levels to: (a) Develop and implement guidelines for the identification, inventory and management of wahi tapu, wahi taonga and other places of historic traditional uses and practices of Ngai Tahu and are, where reasonably practicable, consistent with Ngai Tahu tikanga. (b) Identity and actively protect specified wahi tapu, wahi taonga or other places of historic significance to Ngai Tahu on land administered by the Department. (c) Develop and implement guidelines for the active protection of wahi tapu, wahi taonga and other places of historic significance to Ngai Tahu. (d) Identify cooperative projects covering a range of options for the protection and management of wahi tapu, wahi taonga and other places of historic significance to Ngai Tahu.

		A CONTRACTOR OF THE PROPERTY O	
	(e) Develop and implement guidelines relating to the use of Ngai		
	Tahu's knowledge of wahi tapu, wahi taonga and other places of		
	historic significance of Ngai Tahu, including the use of this		
	information by the Department.		
	(f) Consult with and seek participation from Te Runanga with respect		
	to research, survey or inventory projects that relate specifically to		
	wahi tapu, wahi taonga and other places of historic significance to		
	them.		
	[Deed of Settlement] Attachment 12.147: Protocol	[DOS: Attachment 12.147 Form of	The Department should consider the identified issues when making
	9 RESOURCE MANAGEMENT ACT	Protocols] (pages 807-818 of PDF)	comments on the proposal and should consult with Te Runanga in regards to the Proposal.
	9.1 Te Runanga and the Department both have concerns with the		
	effects of activities controlled and managed under the Resource		
	Management Act. These include effects on:		
	• wetlands;		
	• riparian management;		
	effects on freshwater fish habitat;		
	• water quality management;		
0	• protection of historic resources;		
25	protection of indigenous vegetation and habitats.		
	9.2 From time to time, Te Runanga and the Department will seek to		
	identify further issues of mutual interest for discussion. It is		
2	recognised that their concerns in any particular resource		
	management issue may diverge and that each of them will continue		
	to make separate submissions.		
	9.3 The Department will work with Te Runanga at Regional and		
	conservancy levels to discuss the general approach that will be		
	taken by each of Te Runanga and the Department in respect of		
	advocacy under the Resource Management Act, and seek to identify		
	their respective priorities and issues of mutual concern.		
	9.4 The Department will:		

 (a) Have regard to the priorities and issues of mutual identified in 9.3(a) above in making decisions in respunder the Resource Management Act. (b) Make non-confidential resource information availant Runanga to assist in improving their effectiveness in Management Act advocacy work at the Papatipu Run 	ilable to Te
Released under the Offical Inder the	

B. Conservation-related interests identified in enacted Treaty settlements: Instructions: Please duplicate the table below for each relevant Treaty settlement.

Treaty settlement:	Conservation-related interests:	Source:	Relevance to project:
Ngāi Tahu Claims Settlement	Taonga Species	[DOS: Attachment 12.148 Taonga	The Applicant does not appear to have provided an ecological
Act 1998	&O '	Species] (pages 819-826 of PDF)	assessment from which to identify any taonga species that may be
			affected, but the Act has an extensive list of species to be protected. The
			Department should seek to identify any Taonga Species that may be
		Ngāi Tahu Deed of Settlement -	affected and pay particular attention to the impacts on these species.
	::Co	Section 12 Mahinga kai general 21	
		Nov 1997	
	Customary fisheries	[DOS: Attachment 12.149	As above, there does not appear to be an ecological assessment provided
		Customary Fisheries] (pages 827-	for the Proposal that has identified any customary fisheries species that
		828 of PDF)	may be impacted, but the Act provides a list of species that should be
			protected. The Department should pay special attention to any potential
			impacts on the listed species.
		Ngāi Tahu Deed of Settlement -	
		Section 12 Mahinga kai general 21	
		Nov 1997	
	Historic Resources	[DOS: Attachment 12.147 Form of	See Clause 7 in Table A
		Protocols] (pages 807-818 of PDF)	
	See Clause 7 in Table A		





C. Relevant Statutory planning documents:

Instructions: Please add additional rows for each relevant Statutory planning document and/or Treaty settlement.

Treaty settlement:	Statutory planning document:	Treaty settlement entity	Section 51(2)(a) Report:
		involvement:	
Ngāi Tahu Claims Settlement Act 1998	Otago Conservation Management Strategy 2016	Co-authorship primarily for the Treaty relevant sections such as 1.4 and Ngāi Tahu information in the Places sections of the CMS	MUST be included in the report
	CELICO	Also gives effect to sections 109, 232, 241 – 243, 284 & 293 NTCSA	





D. Relevant Treaty settlements under negotiation and DOC obligations:

Instructions: Please duplicate the table below for each relevant Treaty settlement.

Treaty settlement:	Potential DOC obligation:	Source:	Relevance to project:	Negotiation Status:
No relevant under negotiation treaty settlements		almonnia		



E. Other comments on Treaty-related matters:

Instructions: Please duplicate the table below for each relevant Treaty partner.

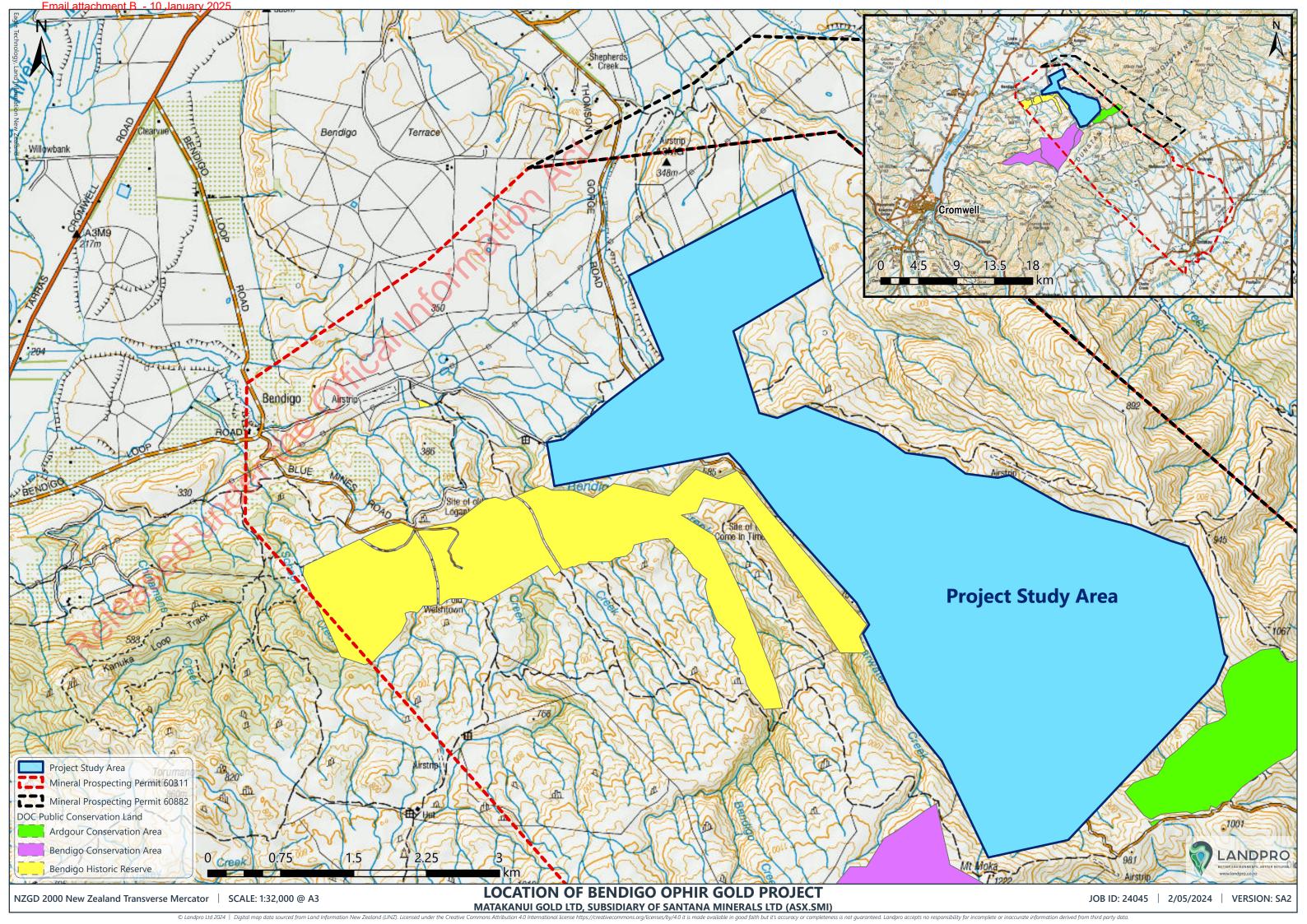
This table is intended to any cover other Treaty-related matters and considerations that were not addressed above. This may include but is not limited to:

- Information received from previous Treaty partner engagement on the proposed activity, and/or activities at the proposed location. This could be received under DOC's BAU and/or as part of our engagement on a Fast-track application,
- Trigger documents that state when and how DOC will engage with a Treaty partner on permission applications (if not developed under a Treaty settlement mechanism), and,
- Other Māori groups with interests in the project.

Treaty partner:	Comments:	Source document/s:
	While it appears as though the project study area does not directly include any public conservation land it is nearby the	
	following public conservation land sites:	
	Bendigo Historic Reserve	
	Bendigo Scenic Reserve	
	Bendigo Conservation Area	
	 Ardgour Conservation Area Neinei kura Conservation Area 	
	Dry Creek Conservation Area	
	Ardgour Road/Lindis River	
	Lower Lindis Conservation Area	
	Clutha River Islands Conservation Area	
	Clutha River/South Lindis Conservation Area	
	Lauder Basin Conservation Area	
	Omako Historic Reserve	
1	Lindis River Marginal Strip	
	 Rutherfords Conservation Area 	
-1	The Project study area also includes land subject to the Bendigo Conservation Covenant.	
28/88	While likely not directly affected by the Proposal, the following may be relevant:	
20.	Statutory Acknowledgement – Te Wairere (Lake Dunstan) Ngāi Tahu Claims Settlement Act 1998	
	 Deed of Recognition – Te Wairere (Lake Dunstan) Ngāi Tahu Claims Settlement Act 1998 	
	Right of First Refusal Ngāi Tahu	
	 Deed of Recognition – Mata-au (Clutha River) Ngāi Tahu Claims Settlement Act 1998 	
	 Statutory Acknowledgement – Mata-au (Clutha River) Ngāi Tahu Claims Settlement Act 1998 	
	Protocol Area Ngāi Tahu	







From: s9(2)(a) @santanaminerals.com>

Sent: Monday, 4 August 2025 3:26 pm
To: Sally Clarkson; Marie Burton

Cc: Emma Fahey

Subject: RE: New report in shared folder

Good Afternoon

More reports – doc register updated DOC Document Register (2) xlsx

B.00 - Marshall Day Acoustics - Noise and Vibration Management Plan.pdf

B.00 - PDP - Air Quality Management Plan.pdf

B.00 - Landcare Research - Applied Research Plan for conservation management, rehabilitation and expansion of cushionfield.pdf

B.00 - Greg Ryder Consulting - Water Quality Compliance Limits.pdf

These reports are provided as summaries and listed as 'Item 5' later in this document.





15a Chardonnay Street, Cromwell, 9310

The information contained in this message is confidential and may be legally privileged. If the reader of this message is not the intended recipient, you are hereby notified that any use, dissemination, or reproduction of this message is prohibited. If you have received this message in error, please notify us immediately and return the original message to us.

From: s9(2)(a)

Sent: Monday, 4 August 2025 1:15 pm

To: Sally Clarkson <sclarkson@doc.govt.nz>; Marie Payne <mpayne@doc.govt.nz>

Cc: Emma Fahey <efahey@doc.govt.nz> **Subject:** RE: New report in shared folder

Good Afternoon

I have just added more reports to your landscape folder and updated your document register.

More reports coming through today

Landscape, Rehabilitation and Closure

Thanks

From \$9(2)(a)

Sent: Wednesday, 16 July 2025 12:45 pm

To: Sally Clarkson < sclarkson@doc.govt.nz; Marie Payne < mpayne@doc.govt.nz>

Cc: Emma Fahey <<u>efahey@doc.govt.nz</u>>
Subject: RE: New report in shared folder

Hi Sally

Thanks for your email.

Happy to share with you today the Landscape, Natural Character & Visual Assessment and Landscape Visual Simulations

Landscape, Rehabilitation and Closure

Attached is our latest footprint, I'm just seeking information in relation to the requested shapefile and answers to the other questions you have.

Did you or your team move your document register? I can't see it in there anymore...

From: Marie Payne

Sent: Sunday, 3 August 2025 5:27 pm

To: Sally Clarkson

Cc: Jenni Fitzgerald; Emma Fahey

Subject: Tasks this week :)

Attachments:

Not in scope

Hey Sally,

s9(2)(a)

Just to keep things ticking over

some tasks below to progress in addition to previously discussed).





Bendigo

- Project report summary Could you please send out the project report summary to the project team with a cover email. Asking them to review the relevant reports with a view to providing:
 - An assessment on the conversation values affected thinking about potential compensation/mitigation/offsetting/avoidance possibilities (we are getting an advisor on compensation to support the project).
 - Key findings/summary/conclusions/Critical issues
 - Any critical information gaps which look like they won't be covered given the other reports we are anticipating will be provided
 - Provide a deadline of 22nd August or sooner happy to discuss with them as they go
 - Ask all experts to cap to 10hrs record their time and if they need more time (over 10hrs) to let us know before proceeding (no necessarily an issue but just so we can keep an eye on pre-lodgement costs/manage expectations).
- **New reports** Check there are no new reports to add to summary/if there are can you review and add as you have done with all the other and give the relevant project team advisor a heads up.
- Exploration permits roll up see yellow notes in email sent separately.

In any comm's to project teams can we also remind them to record time as people seem to have been light on this recently. Any questions let me know, I will check my emails and will let you know if I will likely be online for Tues.

Kind regards,

Marie

Marie Payne

Senior Advisor Fast Track Applications Te Whanganui-a-Tara | Wellington \$9(2)(a)



Released under the Offical Information Act

Marie Payne From:

Sent: Sunday, 3 August 2025 5:19 pm

Sally Clarkson To: Cc: Emma Fahey Subject: RE: Work from Home

Hey Sally,

Thanks for this note below in yellow.

Also, the SLM advisors were in the further catch up I held and they were very helpful

Kind regards,

Marie Payne

Senior Advisor Fast Track Applications Te Whandanui-a-Tara I Wellington



From: Sally Clarkson <sclarkson@doc.govt.nz> Sent: Tuesday, 22 July 2025 12:25 pm To: Marie Payne <mpayne@doc.govt.nz> Cc: Emma Fahey <efahey@doc.govt.nz> Subject: RE: Work from Home

Hi Marie,

Just found this in my drafts (!) so thought I'd complete the response and send it off to you.

I have done all my tasks for now so will log off soon for the afternoon but will log in again later in the week to see if there is any new info etc.

See notes below (in red) relating to the tasks I have been working on. I've saved all the linked docs in the Teams channel, so they are in the one place. I have also added the report links into the Technical Reports table.

Hope you are feeling better soon, see you on Monday 😊

Sally

From: Marie Payne <mpayne@doc.govt.nz> Sent: Wednesday, 9 July 2025 9:36 am To: Sally Clarkson < sclarkson@doc.govt.nz>

Cc: Jenni Fitzgerald < jefitzgerald@doc.govt.nz >; Emma Fahey < efahey@doc.govt.nz >

Subject: Work from Home

Hey Sally,

As discussed last week s9(2)(a)

To summarise your current tasks (working through next week):

• Reviewing several reports for Bendigo - provided by applicant

Reports have all been reviewed up until Tues 22nd July. I have uploaded the Landscape Assessment & Visual Simulations

tha s9(2) provided last week, to the Teams channel.

I get the impression from s9(that they do intend to share the outstanding reports (primarily relating to ecology & planning) with DOC but she was unable to provide a timeframe for doing so. I did contact sagain to see she could tell us what sort of gap we can expect between sharing the remaining reports and lodging the application, but she did not respond to

that question unfortunately. She did share the Shape files for the project areas and there is a useful pdf showing the project area, PCL etc. It is

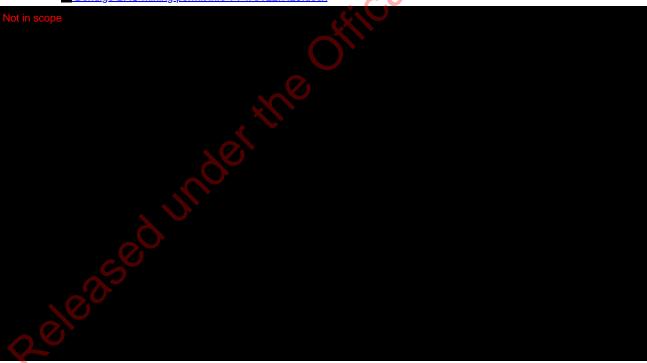
here: DOC GIS Extent.pdf

- Gaining understanding of broader effects of the project, potential mitigations etc...(to inform DOC's commentary
 Expected effects have been included in the Technical Report Summary (line below) as they relate to different
 aspects e.g. air discharge, aquatic ecology, heritage/archaeology etc. In some cases, the reports include mitigations
 but expect more work will be required in this area
- Summarising reports for our experts so we can direct review and information efficiently to the PT
 I have prepared a table including all technical reports and noted how they may be relevant to DOC and who is the advisor who would be responsible for assessing and providing comments (thanks Emma!).



As we know, Matakanui currently has an application for an exploration permit underway with MBIE under the usual BAU process s9(2)(q)(i)

Bendigo BAU mining permit info v FTAA 22.7.25.docx



Catch you next week 😊, Jenni is around for anything urgent or Emma Fahey from FT team.

Kind regards,

Marie

On behalf of the Fast Track Applications team Te Papa Atawhai | Department of Conservation

Whare Kaupapa Atawhai | Conservation House 18 - 32 Manners St | PO Box 10 420, Wellington 6143

www.doc.govt.nz



Released under the Offical Information

Jor Hills of the Children of t

Brief Project Overview (in relation to conservation covenant)



Conversation Covenant (under s77 Reserves Act 1977)

- Covenant between landholders and MOC
- Signed 18th August 2000 and varied in December 2023 understand there been other variations?

Mineral Exploration Drilling Area

Variations:

- Details of a variation lodged 5th Dec 2023 is included with the copy of the covenant provided by Matakanui
- This variation amended condition 9(d) of the covenant to provide for construction of temporary tracks, subject to restoration and enhancement programme

Land subject to covenant to be managed in accordance with conservation objectives

Landholders and MOC agreed that the land be managed in accordance with conservation objectives:

- i. Protecting and enhancing the natural character of the land with particular regard to the natural functioning of ecosystems and to the native flora and fauna in their diverse communities and dynamics inter-relationships with their earth substrate and water courses and the atmosphere.
- ii. Protecting the land as an area representative of a significant part of the ecological character of the Dunstan Ecological District as referred to in the draft survey report for the Protected Natural Areas Programme for the Lindis Pisa and Dunstan Ecological Districts dated February 1987.
- iii. Maintaining the landscape values of the land as referred to in the "Application for exchange of property rights" submitted to the Commissioner of Crown Lands.
- iv. Maintaining the historic values of the land as referred to in "The rich fields of Bendigo" by Jill Hamel February 1993.

In summary, the covenant seeks to:

- in Protect and enhance natural character of the land particular regard to:
 - Natural functioning of ecosystems
 - Native flora and fauna in their diverse communities & dynamic interrelationships with their earth substrate, water courses and atmosphere
- ii Protect the ecological character of the Dunstan Ecological District
- iii Maintain the landscape values of the land, as referred to in...
- iv Maintain the historic values of the land, as referred to in...

Reports referred to in objectives iii and iv:

- Objective iii
 - iii Maintaining the landscape values of the land as referred to in the "Application for exchange of property rights" submitted to the Commissioner of Crown Lands.

Link to report here: DOC-7109853

Visual and Scenic Values, p112In summary:

- Landscape appraisal for Dunstan Ranges as part of assessment of conservation values undertaken for the Pisa Lindis Dunstan Ecological District
- Categorised the Dunstan Ranges into six landscape management units
- The pastoral lease at Bendigo is covered by three of these units South Dunstan Crest Landscape Management Unit (LMU), Central Dunstans LMU & Cromwell Bendigo LMU
- The three units represent areas with broadly homogenous landscape character,
 requiring similar management to retain character
- Within these three units, priority areas for landscape protection were identified:
 - South Dunstan Crest:

 natural characteristics landforms, rock tors, sequence of contrasting vegetation types, ephemeral characteristics & spectacular views
 - Bendigo Hills:
 - distinctive and important landscape feature in Upper Clutha,
 - kanuka vegetation makes important contribution to landscape character and diversity (one of few remaining remnants of kanuka in Central Otago)
 - Upper Bendigo Creek (Rise and Shine Creek):
 - landscape character derived from its smooth rounded landform (absence of rock outcrops)
 - vegetation pattern silver tussock is dominant vegetation cover, speargrass is common on south faces and higher ridges, wetlands occupy valley floor (mix of exotic and native species including toetoe),
 - remains of early sluice workings line lower valley (form part of network of gold workings in the upper Bendigo Creek),
 - poplars (lombardy and silver) cultural plantings left over from gold mining era
 - valley represents one of the few remaining areas with relatively intact short tussock from valley floor to ridge top
 - historic/cultural overlay contributes to its character & appeal

The report also contains commentary on other values (botanical, cultural, recreation) but assume that only "visual and scenic values" are relevant to "maintaining the landscape values"??

Objective iv

"Maintaining the historic values of the land as referred to in "The rich fields of Bendigo" by Jill Hamel February 1993

Link to report here: DOC-7118894

 Report considers historic and cultural values on Bendigo Station as part of implementation of the Protected Natural Areas Programme

Summary of report:

- Māori sites; farming at Bendigo, townships; geography of gold field; field evidence in various locations englimain battery sites, Bendigo Creek etc; discussion/recommendations
- Difficult to pinpoint exact historic values

Conditions on covenant

Covenant includes conditions under which the land must be managed (in order to meet the purpose and objectives:

- Condition 1: grazing provided for, landholder must maintain fences and gates
- Condition 1: MOC, at any time, may monitor native vegetation and historic sites
- Condition 2: landholder obligations engineering maintenance of fences and gates, land free from gorse, broom etc, rabbits, vermin and rubbish
- Condition 3: activities that cannot take place without MOC's prior approval experection of any fence, building, structure; tree planting and earthworks/soil disturbance on land near historic sites; and 3(1)d any prospecting or mining for minerals coal or other deposit on or under the land
- Condition 4: MOC may object to a mining licence application which conflicts with covenant objectives
- Condition 5: landholders must permit public access through specified parts of land
- Condition 6: right of access to MOC for specified purposes (engreenant purpose recording condition of land, maintenance consistent with covenant purpose

- Condition 7: survey costs met by landholder
- Condition 8: requirements re wildfires
- Condition 9: relates only to Rise and Shine Creek area Public provided with foot access, removal of woody vegetation around historic sites, interpretation signage, forestry and track construction prohibited
- Condition 10: acknowledgement of principal historic values outside Rise and Shine Creek area
- Condition 11: MOC may provide technical advice/assistance to landholders (by request); change conditions by mutual agreement; and prepare a joint land management plan
- Condition 12: avoidance of doubt: covenant bound in perpetuity; bound to each owner jointly; notice given in writing...
- District Office manages requests for amendments to the covenant

Fast-track Approvals Act

In cases where a project is in conflict with an existing conservation covenant, as is the case with the Bendigo-Ophir Gold Project, the covenant will need to either be amended or revoked?

- S42(4)(g): a substantive application may seek approval for an amendment or revocation of a conservation covenant as defined in clause 41 of Schedule 6 (conservation covenant = covenant in force under s 27 of the Conservation Act 1987 or s77 of the Reserves Act 1977)
- Clause 42(a)-(h) of Schedule 6: information requirements for amendment or revocation of conservation covenant, including:
 - Assessment of values protected by covenant
 - Description of areas affected & values if application relates only to portion of the area protected
 - Impacts of project on values & any proposed methods of addressing those impacts
 - Etc
- Clause 43: s51 report must include information about:
 - Purpose of covenant and conservation values of land concerned
 - Whether the amendment or revocation will compromise values (regional, national or international significance)
 - Any conditions that should be imposed (in accordance with clause 46 or s84)
 S84 = conditions relating to Treaty settlements and recognised customary rights

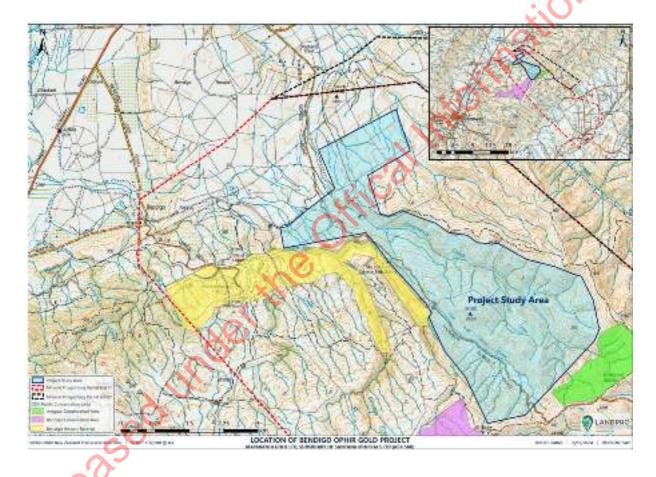
- Clause 45: when assessing an application for an amendment or revocation of a covenant, the panel must take into account:
 - Purpose of the FTAA (give greatest weight to)
 - Purpose of covenant & conservation values of land
 - Whether amendment or revocation will compromise values of regional, national or international significance
- Clause 46: panel may impose conditions, including:
 - In cases where covenant being revoked protection by applicant of equivalent land outside covenant area
- In cases where covenant being amended any works to enhance conservation values on land remaining within the covenant?

Relevant/useful information relating to the application

(Details taken from applicant's application for inclusion in Schedule 2 and from NZPAM webmaps)

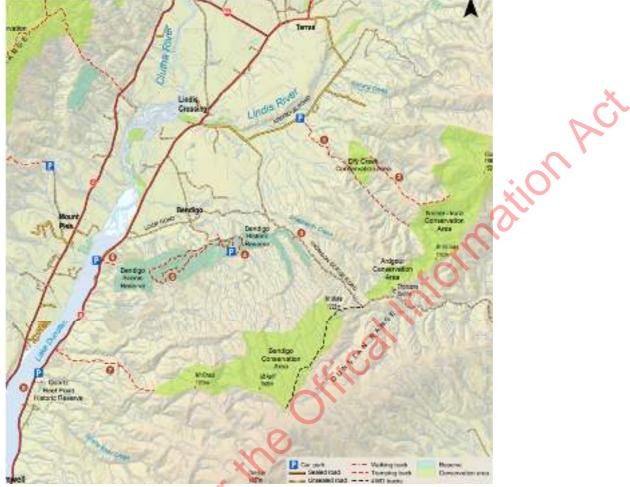
Project Study Area

- Is this different to the project area appears to be (see "location of project" map below)
- Does the conservation covenant cover the entire mine site unclear





PCL land in vicinity of project area



Names of reserves and conservation areas

<u>Discover the Bendigo area</u>

Exploratory permit application

Minerals Permit Webmaps - New Zealand Petroleum and Minerals

- Santana has applied to MBIE for an exploratory mine permit for the site (BAU process)
- No permits from DOC are required and they are not the decision-maker but will need
 to provide approval \$9(2)(g)(i)

Details from Schedule 2 application

The project description in Schedule 2 FTAA includes: Establish, operate, and remediate an open pit and underground gold mine

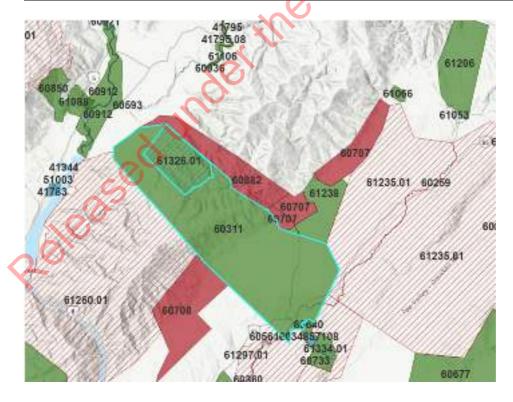
Details from application:

 Purpose of the project is to access and mine the world-class gold deposits, following exploration and technical studies within Mineral Exploration Permit MEP60311 (and its predecessors) over the past 10 years. Includes main discovery of RAS deposit

- Current Mineral Exploration Permit 60311 was granted 5 yr extension in Dec 2023 (expires 12/4/2028). Permit area includes land within which discoveries have been made that form basis of project
- Key activities involved in the project include exploration drilling
- Project has undergone extensive drilling and evaluation and is in advanced stages of project development
- Mining permit required under CMA 1991 from NZ Petroleum & Minerals would provide exclusive right to mine for gold within the site
- Have been undertaking exploratory and investigation works since 2016 including establishment of track network across the site and drilling platforms (and drilling) at various locations

Matakanui's two active permits (1 for exploration and 1 for prospecting) and current permit application

Permit No.	Туре	Owner/operator	Status	Notes
60311	Exploration	Matakanui	Active-change	Expires
	permit		pending	12.4.2028
60882	Prospecting	Matakanui	Active	
	permit			
613216.01	Minerals	Matakanui	Application	Operation
	mining		made 26.3.25	name = RAS



Is there anything in the FTAA that would prevent the mining permit application (61326.01) from being incorporated into the FT application

- s9(2)(g)(i)
- FTAA includes the following relevant sections:

- s5 ineligible activity not relevant
- s37 mining permit information may be lodged with relevant chief executive



Preliminary step for application for mining permit

- 37 Mining permit information may be lodged with relevant chief executive
- This section applies if a substantive application for a listed project or a referred project is to seek an approval described in section 42(4)(n) (mining permit).
- (2) Before lodging the substantive application, the authorised person may lodge with the relevant chief executive-
 - (a) the information specified in clause 16(a) and (b) of Schedule 11:
 - (b) the information relevant to the mining permit that,—
 - in the case of a listed project, is required under section 43(2):
 - in the case of a referred project, was contained in the referral application.
- (3) The information must not be ledged unless any fee, charge, or levy payable under regulations in respect of ledging the information is paid.
- (4) If there is more than 1 authorised person for a project, any 1 of the authorised persons may lodge the information on behalf of all of them.
 - s42 authorised person may lodge substantive application for approvals
 - s42(4)(n) substantive application may seek 1 or more approvals mining permit
 - s42(11)
- (11) A substantive application may seek an approval described in subsection (4)(n) only if-
 - (a) the approval is sought for For more deposits of I or more minerals; and
 - (b) the applicant holds exploration permits or existing privileges that-
 - (i) apply to those minerals; and
 - (ii) have more than 3 months before they expire; and
 - (c) the area of land for which the approval is sought is within, or the same as, the area of land to which those
 exploration permits or existing privileges apply; and
 - (d) the application proposes that those exploration permits or existing privileges be surrendered in relation to the area of land over which the approval is sought; and
 - (e) the proposed term of the approval is no more than 40 years, and
 - (f) granting the approval would not be prevented by any of sections 25(6) and (7) and 30(8) of the Crown Minerals. Act 1991 if the approval were applied for under that Act.

s9(2)(b)(ii)

 s46 EPA decides whether substantive application is complete and within scope must comply with s42 (authorised person may lodge substantive application), 43 (requirements for substantive application) & 44 (sufficient detail) From: Siobhan Quayle

Sent: Monday, 28 July 2025 4:54 pm

To: John Roberts; Charlie Sklenar; Marie Burton; Pauline Marshall **Subject:** RE: FYI - Santana - withdrawal of SRX Resource Drilling

Application

A well-managed response, thanks very much team Siobhan

From: John Roberts < jroberts@doc.govt.nz>

Sent: Monday, 28 July 2025 4:46 pm

To: Charlie Sklenar <csklenar@doc.govt.nz>; Marie Payne <mpayne@doc.govt.nz>; Pauline Marshall

<pamarshall@doc.govt.nz>; Siobhan Quayle <squayle@doc.govt.nz>
Subject: FYI - Santana - withdrawal of SRX Resource Drilling Application

Kia ora koutou – see attached reply from Santana re-their BAU SRX application.

At the enc s9(2)(a) notes:

MGL acknowledges DOCs position on the SRX Resource Drilling proposal and requests that the application be withdrawn. This work will be included in the Fast-Track process. Thank your for your time in preparing your response to MGL and we look forward to working with DOC into the future.

Thanks very much for your help everyone to bring this part to a conclusion.

Hi Marie – I see that 9(2)(a) must be taking over from 9(2)(a) Is there anything you seek at this time wrt the FT process that I could helpfully introduce in my very brief reply back to 9(2)(a)

Hi Pauline – any development with \$9(2)(a wrt the newly proposed, yet to be defined exploration works in the Bendigo Historic Reserve?

Ngā mihi

JR

From: s9(2)(a) @santanaminerals.com>

Sent: Monday, 28 July 2025 3:26 pm To: John Roberts < <u>jroberts@doc.govt.nz</u>>

Cc: s9(2)(a) @santanaminerals.com>; s9(2)(a) @santanaminerals.com>

Subject: RE: SRX Resource Drilling Application - DOC assessment as requested

Hi John,

Thank you for your detailed email. Please find MGL's response attached.

I copy in s9(2)(a) and s9(2)(a) and could please copy them in future emails.

Regards



From: John Roberts iroberts@doc.govt.nz>

Sent: Friday, 11 July 2025 9:15 am

To: s9(2)(a) @santanaminerals.com>

Subject: SRX Resource Drilling Application - DOC assessment as requested

Caution: This Email is from an EXTERNAL source. Please exercise caution. DO NOT open attachments or click on links from unknown senders or unexpected email.

H s9(2)(a) happy to provide our assessment – see below.

Context

You have asked for our assessment of your application to help you to address this activity in the Fast-track Approvals Act process

As you know the Department has a delegated role (from the Minister of Conservation) under the Bendigo Conservation Covenant to consider applications for certain activities at Bendigo Station.

The covenant has a set of objectives that the two parties (Bendigo Station, as landowner, and the Minister of Conservation) have agreed the land be managed for. The Department considers applications within this framework.

Consequently, the information below sets out the relevant matters under the current covenant framework rather than an assessment that might occur under the Fast-track Approvals Act 2024.

As you will be aware clause 42 of Schedule 6 of the Fast-track Approvals Act provides information requirements for applications relating to conservation covenants under that process.

Regardless of administering the specifics of any covenant that the Minister might be a party to, the Department also has a responsibility as set out in s6(b) of the Conservation Act to "advocate the conservation of natural and historic resources generally"; and under s6(ab) "to preserve so far as is practicable all indigenous freshwater fisheries, and protect recreational freshwater fisheries and freshwater fish

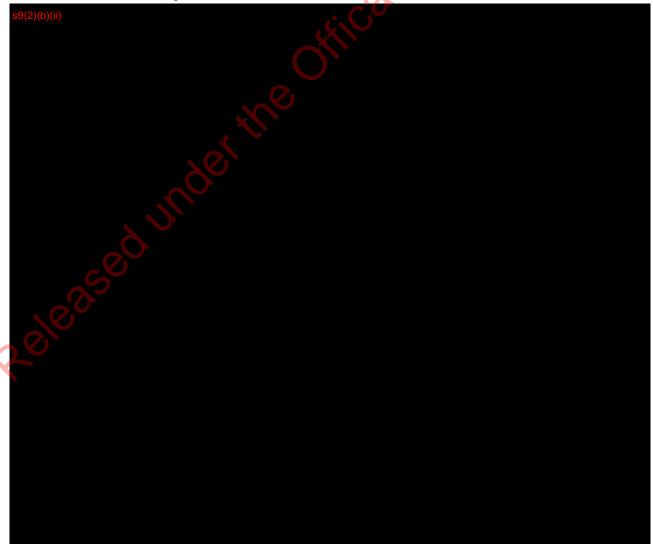
habitats", including where this occurs off public conservation lands. These provisions are the basis for our work protecting nature and cultural heritage which is often outside of public conservation lands and waters, for example, in planning and consenting processes under the RMA. We also have a role under the Wildlife Act e.g. to issue permits where protected wildlife are affected.

As advised in the letter attached from the 24 February the Department noted concerns around progressing an approval due to potential effects on conversation values which would be unlikely to be consistent with the objectives of the covenant.

Just to confirm, unless we hear otherwise within the next 10 working days we'll action a withdrawal of your application, consistent with our telephone conversation of the 26th June and as indicated in your emails below of the 27th June and 1 July 2025.

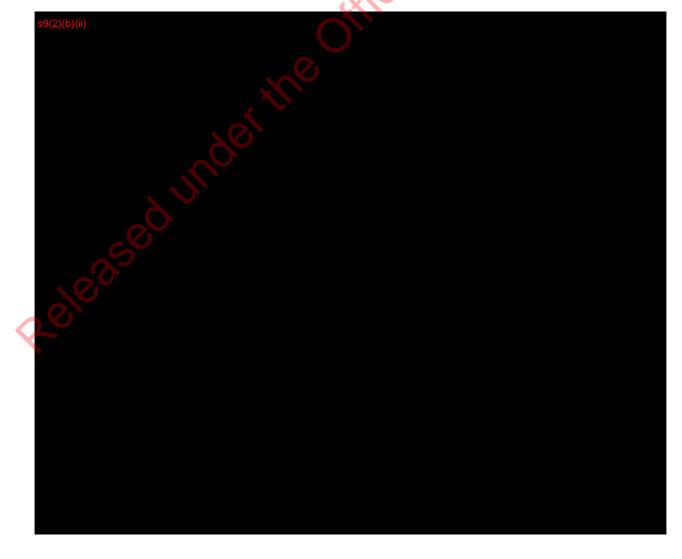
Key matters considered in relation to the application against the specifics of the covenant were:

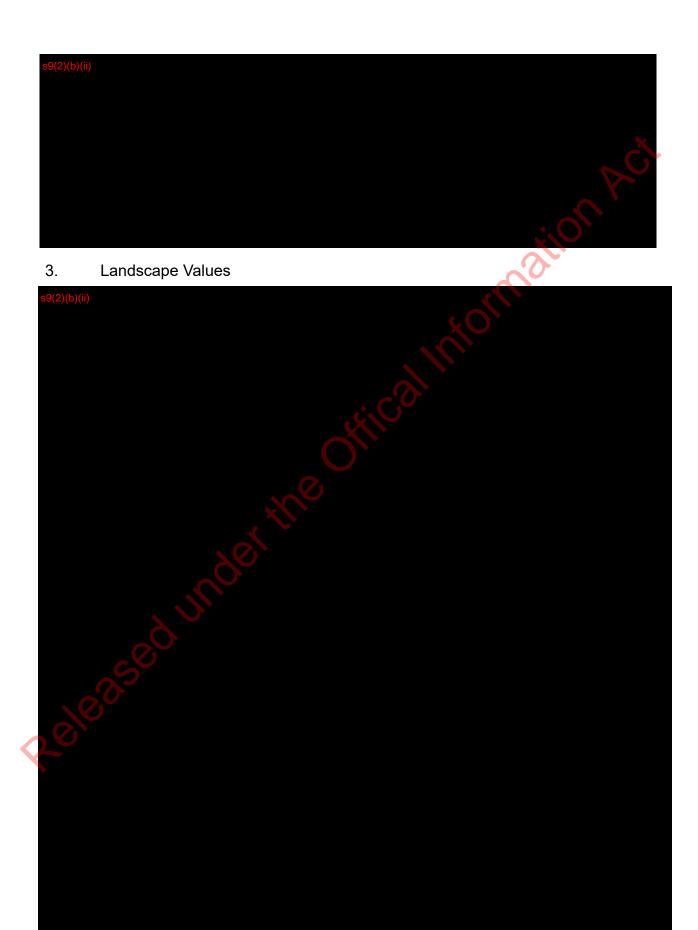
Historic/Heritage Values





2. Ecological Values







For these reasons the Department concluded that the application was inconsistent with the covenant.

It is acknowledged there is a different framework for decision making under the Fast-track Approvals Act.

I encourage you to continue to engage with the Department and our Fast Track Team if you intend to progress this activity through the Fast-track process.

Best Regards

John Roberts
Pou Ture Whenua, Statutory Manager
Southern South Island Region
Department of Conservation

Attachments

Attachment A: Department of Conservation Email to Matakanui Gold: 24 February 2025

From s9(2)(a) @santanaminerals.com>

Sent: Tuesday, 1 July 2025 10:34 am

To: John Roberts < jroberts@doc.govt.nz >

Ccs9(2)(a) @santanaminerals.com>

Subject: RE: SRX Resource Drilling Application

Hi John,

MGL will not be able to proceed with the application if DOC can not support it, as discussed. Could you please confirm, in writing, DOC's position.

Many thanks

s9(2)(a)



From: John Roberts <<u>jroberts@doc.govt.nz</u>>
Sent: Monday, 30 June 2025 12:50 pm

To: s9(2)(a) @santanaminerals.com>
Subject: RE: SRX Resource Drilling Application

Caution: This Email is from an EXTERNAL source. Please exercise caution. DO NOT open attachments or click on links from unknown senders or unexpected email.

H success happy to – can you just confirm that you have withdrawn your application.

Thanks

JR

From: s9(2)(a) @santanaminerals.com>

Sent: Friday, 27 June 2025 11:18 am **To:** John Roberts < <u>jroberts@doc.govt.nz</u>>

Cc: s9(2)(a) @santanaminerals.com>; s9(2)(a) @santanaminerals.com>;

s9(2)(a) | Town Planning Group s9(2) @townplanning.co.nz>

Subject: SRX Resource Drilling Application

Hi John,

Thank you for your time on the phone yesterday, our discussion was helpful. Could you please write to MGL with your assessment. It will help us to address the concerns in the FTA process.

Regards



W: www.santanaminerals.com

The information contained in this message is confidential and may be legally privileged. If the reader of this message is not the intended recipient you are hereby notified that any use, dissemination or reproduction of this message is prohibited. If you have received this message in error, please notify us immediately and return the original message to us.

essage or a ediately and e. inconvenience. The official light of t Caution - This message and accompanying data may contain information that is confidential or subject to legal privilege. If you are not the intended recipient you are

John Roberts From: Sent: Monday, 28 July 2025 4:46 pm To: Charlie Sklenar; Marie Payne; Pauline Marshall; Siobhan Quayle Subject: FYI - Santana - withdrawal of SRX Resource Drilling Application **Attachments:** 250728 SRX Resource Drilling Response - Letter to DOC.pdf Kia ora koutou – see attached reply from Santana re-their BAU SRX application. At the end าotes: MGL acknowledges DOCs position on the SRX Resource Drilling proposal and requests that the application be withdrawn. This work will be included in the Fast-Track process. Thank your for your time in preparing your response to MGL and we look forward to working with DOC into the future. Thanks very much for your help everyone to bring this part to a conclusion. Hi Marie – I see that \$9(2)(a) must be taking over from Is there anything you seek at this time wrt the FT process that I could helpfully introduce in my very brief reply back to Hi Pauline – any development with \$9(2)(a wrt the newly proposed, yet to be defined exploration works in the Bendigo Historic Reserve? Ngā mihi **JR** @santanaminerals.com> From s9(2 Sent: Monday, 28 July 2025 3:26 pm To: John Roberts < jroberts@doc.govt.nz> @santanaminerals.com>; s9(2)(a) @santanaminerals.com> Subject: RE: SRX Resource Drilling Application - DOC assessment as requested Hi John Thank you for your detailed email. Please find MGL's response attached. 1 copy in s9(2)(a) Could please copy them in future emails. Regards

From: John Roberts < jroberts@doc.govt.nz >

Sent: Friday, 11 July 2025 9:15 am

To: s9(2)(a) <u>@santanaminerals.com</u>>

Subject: SRX Resource Drilling Application - DOC assessment as requested

Caution: This Email is from an EXTERNAL source. Please exercise caution, DO NOT open attachments or click on links from unknown senders or unexpected email

Hi s9(2)(a) happy to provide our assessment – see below.

Context

You have asked for our assessment of your application to help you to address this activity in the Fast-track Approvals Act process

As you know the Department has a delegated role (from the Minister of Conservation) under the Bendigo Conservation Covenant to consider applications for certain activities at Bendigo Station.

The covenant has a set of objectives that the two parties (Bendigo Station, as landowner, and the Minister of Conservation) have agreed the land be managed for. The Department considers applications within this framework.

Consequently, the information below sets out the relevant matters under the current covenant framework rather than an assessment that might occur under the Fast-track Approvals Act 2024.

As you will be aware clause 42 of Schedule 6 of the Fast-track Approvals Act provides information requirements for applications relating to conservation covenants under that process.

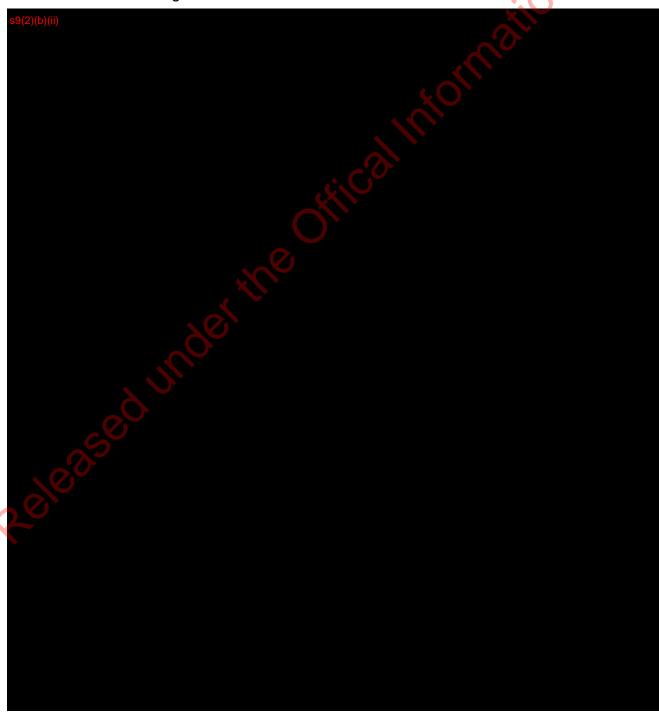
Regardless of administering the specifics of any covenant that the Minister might be a party to, the Department also has a responsibility as set out in s6(b) of the Conservation Act to "advocate the conservation of natural and historic resources generally"; and under s6(ab) "to preserve so far as is practicable all indigenous freshwater fisheries, and protect recreational freshwater fisheries and freshwater fish habitats", including where this occurs off public conservation lands. These provisions are the basis for our work protecting nature and cultural heritage which is often outside of public conservation lands and waters, for example, in planning and consenting processes under the RMA. We also have a role under the Wildlife Act e.g. to issue permits where protected wildlife are affected.

As advised in the letter attached from the 24 February the Department noted concerns around progressing an approval due to potential effects on conversation values which would be unlikely to be consistent with the objectives of the covenant.

Just to confirm, unless we hear otherwise within the next 10 working days we'll action a withdrawal of your application, consistent with our telephone conversation of the 26th June and as indicated in your emails below of the 27th June and 1 July 2025.

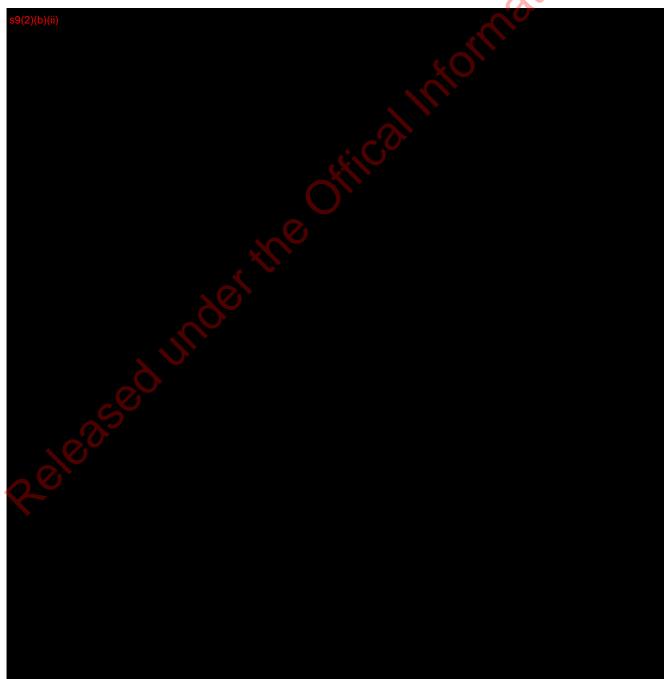
Key matters considered in relation to the application against the specifics of the covenant were:

1. Historic/Heritage Values

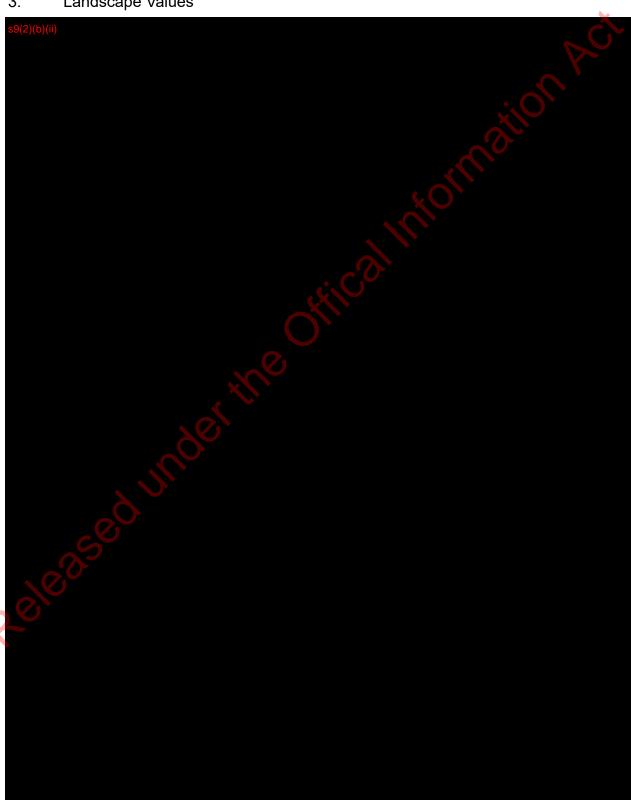




Ecological Values 2.



3. Landscape Values



s9(2)(b)(ii)

For these reasons the Department concluded that the application was inconsistent with the covenant.

It is acknowledged there is a different framework for decision making under the Fast-track Approvals Act.

I encourage you to continue to engage with the Department and our Fast Track Team if you intend to progress this activity through the Fast-track process.

Best Regards

John Roberts
Pou Ture Whenua, Statutory Manager
Southern South Island Region
Department of Conservation

Attachments

Attachment A: Department of Conservation Email to Matakanui Gold: 24 February 2025

From: s9(2)(a) @santanaminerals.com>

Sent: Tuesday, 1 July 2025 10:34 am **To:** John Roberts roberts@doc.govt.nz

Cc: s9(2)(a) @santanaminerals.com>

Subject: RE: SRX Resource Drilling Application

Hi John.

MGL will not be able to proceed with the application if DOC can not support it, as discussed. Could you please confirm, in writing, DOC's position.

Many thanks

s9(2)(a)

From: John Roberts <<u>jroberts@doc.govt.nz</u>>
Sent: Monday, 30 June 2025 12:50 pm

To: Mary Askey < <u>MAskey@santanaminerals.com</u>> **Subject:** RE: SRX Resource Drilling Application

Caution: This Email is from an EXTERNAL source. Please exercise caution. DO NOT open attachments or click on links from unknown senders or unexpected email.

Hi se(2)(a) happy to – can you just confirm that you have withdrawn your application.

Thanks

JR

From: s9(2)(a) @santanaminerals.com>

Sent: Friday, 27 June 2025 11:18 am **To:** John Roberts < <u>jroberts@doc.govt.nz</u>>

Cc: s9(2)(a) @santanaminerals.com>; s9(2)(a) @santanaminerals.com>;

Town Planning Group s9(2)(a) atownplanning.co.nz>

Subject: SRX Resource Drilling Application

Hi John,

Thank you for your time on the phone yesterday, our discussion was helpful. Could you please write to MGL with your assessment. It will help us to address the concerns in the FTA process.

Regards



The information contained in this message is confidential and may be legally privileged. If the reader of this message is not the intended recipient you are hereby notified that any use, dissemination of reproduction of this message is prohibited. If you have received this message in error, please notify us immediately and return the original message to us.

Caution - This message and accompanying data may contain information that is confidential or subject to legal privilege. If you are not the intended recipient you are notified that any use, dissemination, distribution or copying of this message or data is prohibited. If you received this email in error, please notify us immediately and erase all copies of the message and attachments. We apologise for the inconvenience. Thank you.



15A Chardonnay St Cromwell

28 July 25

Dear John,

Thank you for your email on 11 July providing DOC's assessment of the SRX Resource Drilling application.

A number of points raised were raised in your email to which we wish to respond as follows.

- MGL responded to the letter from DOC dated 24 February to which MGL noted our consultation with Aukaha, HNZPT and Bendigo Station and that MGL had sought advice from our consultants and heritage experts regarding the proposed program of mineral exploration.
- Our telephone conversation on 26 June was an informal discussion as
 withdrawal of the application requires company approval. In the conversation
 and following emails I was looking to understand the detail of DOC's position to
 relay to management for a decision. While we talked about options, including
 withdrawal, MGL did not formally commit to withdrawing the application in the
 conversation or in the emails.



 The area where spring annuals could credibly have been found was surveyed during late Spring 2024 for the three spring annuals which are known from the





NZBN 9429041420614



surrounding area. Spring annuals were not found in the SRX Resource Drilling area. However, spring annuals were found in other areas during the survey.



Early this year MGL engaged several times with Jenna Sinclair and then with Jenna and Charlie Sklenar, including an invitation for a site visit by DOC specialists with respect to the proposed drilling program and the REMP. \$9(2)(b)(ii)

MGL acknowledges DOCs position on the SRX Resource Drilling proposal and requests that the application be withdrawn. This work will be included in the Fast-Track process. Thank your for your time in preparing your response to MGL and we look forward to working with DOC into the future.

Regards







From: @santanaminerals.com>

Sent: Tuesday, 15 July 2025 1:26 pm

To: Permissions Hokitika

Subject: Fw: Access Arrangement Application - Mineral Exploration

Drilling Activities - Bendigo

Some people who received this message don't often get email from s9(2)(a) @santanaminerals.com. Learn why this is important

Good afternoon,

We are looking at doing some exploration drilling on DOC land, at Bendigo Historical Reserve, near Cromwell, and are keen to arrange a pre-application meeting with someone in your team please? We have been told to get in touch with your Hokitika office.

Many thanks,

s9(2)(a)

From: Pauline Marshall

Sent: Tuesday, July 15, 2025 11:11 AM

To s9(2)(a)

Subject: RE: Access Arrangement Application - Mineral Exploration Drilling Activities -

Bendigo

Caution: This Email is from an EXTERNAL source. Please exercise caution. DO NOT open attachments or click on links from unknown senders or unexpected email.

-1s9(2)(a)

If you click on the <u>Hokitika office</u> (as shown in the previous email) that will take you to the relevant contact details:

Permissions Advisor (Support)

Hokitika

Email: permissionshokitika@doc.govt.nz

Just send an email requesting a pre-application meeting, which will be held over a Teams call.

Regards, Pauline

From: s9(2)(a)

Sent: Tuesday, 15 July 2025 10:17 am

To: Pauline Marshall

Subject: Re: Access Arrangement Application - Mineral Exploration Drilling Activities - Bendigo Thanks Pauline, how do we go about getting an appointment with the Hokitika office for the pre-ap meeting please? Also, assume we can do this over a teams call rather than in the Hokitika office itself?

Many thanks,

s9(2)(

From: Pauline Marshall < pamarshall@doc.govt.nz >

Sent: Monday, July 14, 2025 10:03 AM

To: s9(2)(a) @santanaminerals.com>

Subject: Access Arrangement Application - Mineral Exploration Drilling Activities - Bendigo

Caution: This Email is from an EXTERNAL source. Please exercise caution. DO NOT open attachments or click on links from unknown senders or unexpected email.

Hi s9(2)(a

Thank you for your email.

To undertake mineral exploration drilling activities within land administered by the Department of Conservation (DOC) you will require an Access Arrangement.

In the first instance you can find all the relevant information regarding what is required of an application and the process itself at: <u>Prospecting, exploration and mining: Apply for permits</u> Please see the following summary and main points of the application process:

- Fill in the <u>Access arrangement application form (PDF, 175K)</u> or <u>(DOCX, 294K)</u>.
- Check whether you require a <u>concession for any related activity</u> on public conservation land
- Email the forms along with the relevant documents requested to permissions@doc.govt.nz.
- Identify the name and status of the public conservation land you wish to use by checking DOC maps.

As part of your application a detailed Assessment of Environmental Effects (AEE) will be required and should include the following:

- Independent ecological and archaeological assessment reports.
- Photographs of each of the proposed drill hole/pad locations.

For further detailed information on what is required of an AEE please refer to: <u>Assessment of environmental effects for mineral exploration and prospecting</u>

It would also be helpful to include good quality maps (aerial/topo), showing exact drill site locations within the affected area, including an overlay of the public conservation land in which the proposed activity will take place.

Pre-application meeting:

In the first instance you can request a pre-application meeting with our specialist mining/exploration staff in the <u>Hokitika office</u> before lodging your application. This can help with discussing any questions you may have and also to ensure you have a complete application.

DOC will provide an estimate of the likely application processing time and cost when your application is received.

Please feel free to contact me should you have any questions.

Regards,

Pauline Marshall

Ranger, Community (Statutory)
Department of Conservation – *Te Papa Atawhai*Central Otago District

From: s9(2)(a) @santanaminerals.com>

Sent: Friday, 4 July 2025 12:53 pm

To: Charlie Sklenar < csklenar@doc.govt.nz>

Cc: s9(2)(a) @santanaminerals.com>s9(2)(a) Town Planning Group

s9(2)(a) <u>Introduction of the second of t</u>

Hey Charlie,

Happy Friday, hope you've had a great week 🙂

We wondered if you (or one of your colleagues) would be available for a preapplication meeting with us over the next month or so? We are looking into doing
some drilling in the Bendigo Historic Reserve, and keen to understand what we would
need to progress an application with DoC. We understand the time frames are quite
lengthy, so we want to make sure we have all our ducks in a row before we submit.

so(2)(a)
will prepare a map showing the approximate envelope of
where we are looking at but if there is anything else that would be helpful for you to

where we are looking at, but if there is anything else that would be helpful for you to see at that Pre-app meeting, then please let me know.

Kind regards

s9(2)(a)

Santana Minerals | Cromwell. NZ

9(2)(a)

W: www.santanaminerals.com





The information contained in this message is confidential and may be legally privileged. If the reader of this message is not the intended recipient you are hereby notified that any use, dissemination or reproduction of this message is prohibited. If you have received this message in error, please notify us immediately and return the original message to us

Caution - This message and accompanying data may contain information that is confidential or subject to legal privilege. If you are not the intended recipient you are notified that any use, dissemination, distribution or copying of this message or data is prohibited. If you received this email in error, please notify us immediately and erase all copies of the message and attachments. We apologise for the inconvenience. Thank you. Caution - This message and accompanying data may contain information that is confidential or subject to legal privilege. If you are not the intended recipient you are notified that any use, dissemination, distribution or copying of this message or data is prohibited. If you received this email in error, please notify us immediately and erase all copies of the message and attachments. We apologise for the inconvenience. Thank you.

Technical Expert Assessment - Darcy Liddell - Permissions Advisor

Unfortunately I couldn't open the Pdf - 20250515_BOGP_Native_Bat_Survey_Final_v001.pdf

However, in reading the commentary in the spreadsheet it is likely bats or bat roosts are 60km or more from the site. Under the WA 1953 a wildlife authority is only required when catching or killing a bat or rob, disturb, or destroy, or have in his or her possession a used bat roost. See s53 and Section 63(1)(c) of the WA.

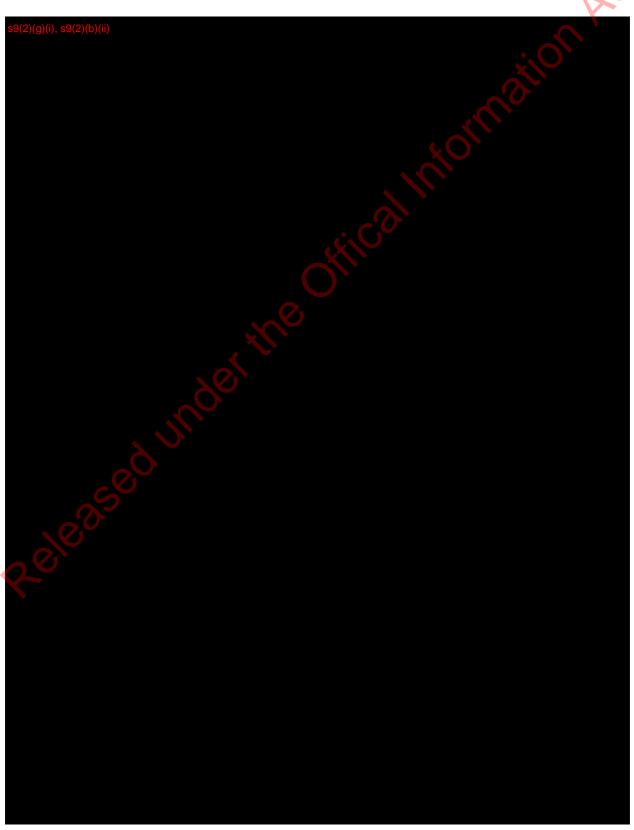
In most cases a bat roost tree felling protocol is followed and a wildlife authority is not needed.

Matt Schmidt, Senior Heritage Advisor – 22 August 2025

I have read through the heritage assessment by New Zealand Heritage Properties Ltd titled SREX Orebody,

Bendigo - A Heritage Assessment prepared for Santana Minerals Ltd by \$9(2)(a) New Zealand Heritage

Properties dated 30 January 2025.



MEMO

DATE: 24 August 2025

TO: Sally Clarkson – Senior Planner FastTrack applications

CC: Emily Funnell – Freshwater Species Manager

FROM: Nicholas Dunn – Senior Freshwater Science Advisor

SUBJECT: Fast Track - FTA107 - Bendigo-Ophir Gold Project - freshwater advice

The purpose of this memo is to provide freshwater advice on the Bendigo-Ophir Gold Project as requested in your email of 12 August 2025.

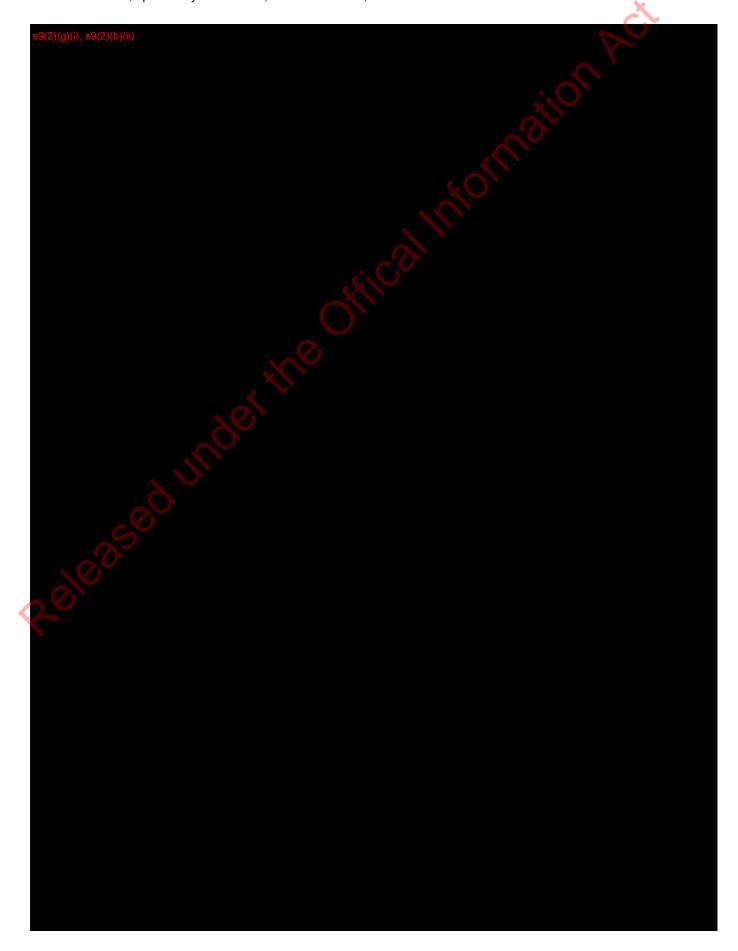
To inform my advice, I have read relevant sections of reports provided by the applicant. I note some reports have not been provided to DOC but are referred to in other reports by other consultants for the applicants. Reports that have been read being:

- Allibone, R.M. 2025: Bendigo Ophir Gold Project: assessment of effects on aquatic habitat. Report Number: 38-2024A. Prepared for Santana Minerals Limited by Water Ways Consulting. Dunedin, New Zealand. 89 p.
- Dumont, M.; Cleary, C.; Rekker, J.; Durney, P. 2025: Groundwater modelling analysis for mining Bendigo Ophir Gold Deposit. Report: Z24002.m1.1 Prepared by Kōmanawa Solutions Limited for Matakanui Gold Limited. Christchurch, New Zealand. 69 p.
- Mine Closure Management Pty Ltd 2025: Bendigo-Ophir Gold Project mine closure plan. Version J-NZ0454-002-R-Rev1. Prepared for Matakanui Gold Limited. Subiaco, Australia. 299 p.
- Rekker, J. 2025. Bendigo Ophir Gold Mine Project surface water & catchment existing environment & effects assessment (Report Series No. Z24002BOG-2). Prepared by Kōmanawa Solutions Limited for Matakanui Gold Limited. Christchurch, New Zealand. 90 p.
- Rekker, J.H., Dumont, M. 2025: Bendigo Ophir Gold Mine Project Groundwater existing environment & effects assessment. Kōmanawa Solutions Client Report No. Z24002BOG-1. Prepared by Kōmanawa Solutions Limited for Matakanui Gold Limited. Christchurch, New Zealand. 98 p.
- Rekker, J.H. 2025: Bendigo–Ophir Gold Mine Project Bendigo groundwater bore take effects assessment Kōmanawa Solutions (KSL) Report No. Z24019SML-3. Prepared by Kōmanawa Solutions Limited for Matakanui Gold Limited. Christchurch, New Zealand. 73 p.
- Ryder, G. 2025: Bendigo-Ophir Gold Project Recommended water quality compliance limits for the Bendigo-Ophir Gold Project. Draft version 4.2 (Final). Prepared for Matakanui Gold Limited by Greg Ryder Consulting. Dunedin, New Zealand. 48 p.

I have also utilised my knowledge of the Lindis River catchment gained during the Environment Court proceedings for Plan Change 5A to the Regional Plan for Water (NZEnvC 166).



Using the available reports, I have assessed the application against the criteria of the Fast Track Approvals Act 2024, specifically Schedule 5, sections 6 and 7; and Schedule 9.





Technical report summaries

Reports provided to Department of Conservation by Santana Minerals Ltd.

Air Quality Assessment of Effects

Air Quality Assess 5 June 2025	ment of Effects.pdf
Purpose	The report, prepared by Pattle Delamore Partners Ltd for Matakanui Gold Limited, assesses the potential environmental effects of air contaminant discharges – specifically dust and gaseous emissions – associated with the proposed Bendigo-Ophir Gold Project in Central Otago. The assessment supports resource consent applications and outlines mitigation strategies to manage air quality impacts.
Findings	Dust and gas emissions from mining and processing activities are expected. Dust will be generated from mining activities including open pits, haul roads, stockpiles, ore processing, and tailings storage. Particulate matter includes coarse dust and particles. Gaseous emissions are expected to be minimal due to process controls and emission mitigation systems. A nearby area of native herbs may be exposed to dust. Effects are expected to be low to moderate, depending on proximity, and mitigated through dust control measures. With proposed controls, effects on health, ecology, and amenity are assessed as less than minor. Sensitive areas (e.g. nearby homes, native plants) are unlikely to be significantly affected due to distance and mitigation.
Recommendations/ Mitigations	 Air Quality Management Plan (AQMP): A comprehensive plan will be implemented to manage emissions, monitor air quality, and ensure compliance with consent conditions. Dust Suppression: Measures include water application, vegetation cover, speed limits on haul roads, and operational restrictions during high-risk wind conditions. Gaseous Emission Controls: Engineering controls (e.g. pH management, fume hoods, filtration systems) will minimise emissions from processing activities. Monitoring and Consent Conditions: Consent conditions should define permitted activities, emission limits, performance standards, and monitoring requirements to ensure effects remain within acceptable thresholds.

Air Quality Management Plan

PDP - Air Quality Management Plan.pdf 2 July 2025		
Purpose	The AQMP outlines how Matakanui Gold Ltd will manage and monitor dust and gaseous emissions from mining activities to ensure compliance with resource consent conditions and minimise environmental impacts.	
Findings	 Dust will be generated from haul roads, open pits, stockpiles, ore processing, engineered landforms, and tailings storage. Dust sources are categorised into three priorities based on scale and frequency: Priority 1: High-risk, continuous sources (e.g. haul roads). Priority 2: Moderate-risk, routine sources (e.g. ore processing). Priority 3: Low-risk, intermittent sources (e.g. open pits). Emissions are expected to be low and well-controlled through process design and mitigation systems. Monitoring Systems: Visual inspections, dust deposition gauges, real-time particulate monitors, and meteorological stations are used to track air quality. Alerts are triggered when thresholds are exceeded, prompting mitigation or cessation of activities. Water Supply: The site has sufficient water capacity (up to 55 L/s) to meet dust suppression needs across all operational phases. 	
Recommendations/ Mitigations	 Implement dust suppression using water carts, sprinklers, and vegetation cover. Monitor air quality using visual checks, deposition gauges, real-time sensors, and meteorological stations. Apply operational limits during high-risk weather conditions (e.g. strong winds). Maintain equipment and train staff to respond to dust events and complaints. Review and update the AQMP as needed to reflect changes in operations or best practice. 	

Applied Research Plan - herbfields 🙏

cushionfields.

Landcare Research - Applied Research Plan for conservation management, rehabilitation and expansion of cushionfield.pdf June 2025		
Purpose	The Applied Research Plan (ARP) was developed to guide Matakanui Gold Ltd in managing and enhancing cushionfield ecosystems – high-value herbfields dominated by native Raoulia species – within the project's managed landscape. It aims to reduce uncertainty around ecological mitigation and support the establishment of new cushionfields on mined land.	
Findings	 Ecological Value: Cushionfields support a range of nationally and regionally threatened plant species, including spring annual herbs. These ecosystems are increasingly rare and under pressure from land-use change, invasive species, and development. Knowledge Gaps: There is limited experience in restoring cushionfields, especially at scale. Existing research is sparse, and past efforts have focused on transitioning to taller vegetation types. Project Impact: Up to 92 ha of cushionfield may be removed due to mining. The ARP responds to this by proposing targeted research and trials to inform effective mitigation and restoration. 	
Recommendations/ Mitigations	 The ARP outlines a seven-year programme with six key components, applied across three scales - landscape, paddock, and patch: Mapping and Assessment: Survey and map existing cushionfields to establish baseline conditions and identify areas for enhancement. Pressure Analysis: Investigate current and historical land management practices affecting cushionfield health. Intervention Design: Develop and trial practical restoration methods, including grazing management, weed control, and soil treatments. Restoration Trials: Establish permanent plots to monitor the effectiveness of interventions over time. Raoulia Propagation: Trial propagation and planting of Raoulia species to expand cushionfield coverage. Kōwhai and Shrubland Restoration: Protect and replant genetically diverse native shrubs within cushionfield mosaics. The plan also integrates with a complementary programme focused on conserving spring annual herbs, which are closely associated with 	

Noise and Vibration Management Plan (NVMP)

Marshall Day Acou 27 June 2025	stics - Noise and Vibration Management Plan.pdf
Purpose	The NVMP outlines how Matakanui Gold Ltd will manage and mitigate noise and vibration effects from mining and processing activities. Its goal is to ensure compliance with consent conditions and minimise disturbance to nearby residential and commercial properties.
Findings	Mining and processing activities will generate noise from equipment, vehicles, and blasting. Noise limits are defined for both daytime and night-time operations, as well as for construction and blasting. The site is near several sensitive receivers, including homes and vineyards.
Recommendations/ Mitigations	 Use quieter equipment and maintain machinery to reduce noise. Schedule blasting and notify neighbours in advance. Train staff to follow noise-reducing practices. Monitor noise and vibration regularly and respond to any exceedances. Maintain access roads and surfaces to reduce vehicle noise. Record and respond to complaints promptly, with follow-up actions documented.

Landscape Mitigation Plan

Landscape Mitigat 11 July 2025	ion Plan.pdf
Purpose	The plan outlines landscape and ecological mitigation measures to reduce the visual and environmental impacts of mining activities, while enhancing biodiversity and connectivity across the project area. It supports responsible land use and rehabilitation throughout the life of the mine.
Findings	 The project area includes sensitive landscapes, conservation reserves, and habitats for native species, including lizards. Mining activities will affect landforms, waterways, vegetation, and public access routes. Several areas are identified for progressive rehabilitation and ecological enhancement.
Recommendations/ Mitigations	 Progressive Rehabilitation: Establish "Mine Regeneration Zones" to restore grey scrubland and tussock grassland, improving ecological connectivity. Ecological Design: Engineered landforms will be capped and rehabilitated with diverse native vegetation and rock features to support lizard habitat. Waterway Management: Divert and naturalise creeks and drainage channels to protect water quality and riparian zones. Habitat Protection: Create predator-proof fenced areas for lizard conservation and relocate individuals from disturbed areas. Visual Integrity: Preserve key landscape features and delay mining in sensitive areas (e.g. Come In Time Pit) until restoration techniques are proven. Public Access: Realign and upgrade roads (e.g. Ardgour Rise Road) and repurpose closed sections (e.g. Thomson Gorge Road) for future recreational use. Weed Control: Remove invasive species (e.g. willows) from waterways to support native vegetation recovery.

Water Quality Compliance Limits Report

Greg Ryder Consul 30 July 2025	ting - Water Quality Compliance Limits.pdf
Purpose	The report establishes recommended water quality compliance limits for surface water and groundwater within the BOGP footprint. These limits are designed to protect aquatic ecosystems, livestock, and human health, and to guide environmental monitoring and management throughout the life of the mine.
Findings	 Freshwater Values: Ecological values in the project area are generally low due to historical mining, agriculture, and invasive species. No threatened aquatic invertebrates or fish communities were detected in most streams. Hydrology: Many watercourses are ephemeral or intermittent, with limited surface flow reaching downstream rivers. Groundwater from Shepherds Creek contributes to the Ardgour Aquifer, which is used for irrigation and drinking water. Contaminants of Concern: Mining activities may elevate levels of suspended solids, sulphate, nitrate, ammonia, and trace metals. Some contaminants already exceed guideline values due to legacy impacts. Guideline Selection: Compliance limits are based on national and international standards, including Australian and New Zealand Guidelines (2018), NZ Drinking Water Standards (2022), and draft livestock water guidelines (2023). In some cases, bespoke limits were developed due to the absence of established criteria.
Recommendations/ Mitigations	 Surface Water Compliance Limits: Set thresholds for pH, turbidity, ammonia, nitrate, cyanide, sulphate, and various metals, based on ecological protection levels. Groundwater Compliance Limits: Focus on drinking water and livestock safety, using maximum acceptable values from NZ standards and aesthetic thresholds. Monitoring Programme: Monthly sampling at designated surface and groundwater sites. Performance Monitoring: Include additional parameters where modelling suggests potential elevation. Adaptive Management: Review compliance limits if monitoring indicates exceedances or new scientific data becomes available.