

Thursday 16 May 2024

# Assessable Prospecting Operation Application Decision Briefing and Review of Environmental Factors

# Rocklodge | APO0001743

Decision Maker	Christine Fawcett
Prepared by	Stephen Clipperton
Title	EL 9155 (1992)
Authorised Representative	
Project name	Rocklodge
Activity type	Non-Complying Exploration Activity

# Issue

has sought an activity approval in respect of Rocklodge, within EL 9155 (1992), at 26.5 km south of Cooma.

Pursuant to section 2.8 of *State Environmental Planning Policy (Resources and Energy) 2021*, development for the purposes of exploration (i.e. prospecting) may be carried out without development consent.

An authority issued under the *Mining Act 1992* is subject to a condition that the authority holder must not carry out an assessable prospecting operation on land over which the authority is granted unless an activity approval has been obtained for the carrying out of the assessable prospecting operation.

As assessable prospecting operations require approval by the Minister under the *Mining Act 1992*, a duty is imposed on determining authorities under Part 5 of the *Environmental Planning and Assessment Act 1979* to:

- examine and take into account to the fullest extent possible all matters affecting or likely to affect the environmental by reason of the proposed activity; and
- if the activity is likely to significantly affect the environment, examine and consider an environmental impact statement in respect of the activity.

The Minister is the determining authority for all exploration activities subject to environmental assessment under Part 5 of the *Environmental Planning and Assessment Act 1979*.

The Decision Maker, under delegation from the Minister, is required to determine whether:

- the proposed activity is not likely to have a significant impact on the environment and is not likely to significantly affect threatened species, populations or ecological communities (or their habitats) or impact biodiversity values and can be approved,
- the proposed activity is likely to have a significant impact on the environment and therefore an Environmental Impact Statement (EIS) is required,

- the proposed activity will be carried out in a declared area of outstanding biodiversity value and is likely to significantly affect threatened species, populations or ecological communities, or their habitats or impact biodiversity values, meaning a Species Impact Statement (SIS) and/or Biodiversity Development and Assessment Report (BDAR) is required, or
- there is insufficient information to make a decision.

# Background

This exploration activity approval is being sought under EL 9155 (1992) to undertake assessable prospecting operations.

The current security deposit held for EL 9155 (1992) is \$15,000.

# Proposed exploration activity

The proposed exploration activity (including details of the site, the existing environment, impact thresholds and impact management) are described in *APPLICATION TO UNDERTAKE ASSESSABLE PROSPECTING OPERATIONS Rocklodge* report and the information provided in support of the application.

The objective of the proposed exploration activity is to carry out works on, or to remove samples from, land for the purpose of testing the resource quality and/or quantity of the land. This is consistent with the objects of the *Mining Act 1992*, including to facilitate the discovery and development of resources in NSW.

No alternatives options to the proposed activity were considered.

# Security

The application triggered a review of the assessed deposit to secure funding for the fulfilment of obligations if Rocklodge is approved.

Refer to RCE Record RCE0001919

# Assessment of Impacts (Non-complying exploration activity)

An assessment of the significance of environmental impacts associated with the proposed activity was undertaken in accordance with the Department of Planning and Environment's "*Guidelines for Division 5.1 assessments*". The results of this assessment are documented in the attached Review of Environmental Factors document.

The assessment undertaken pursuant to Division 5.1 of the EP&A Act 1979 has determined the proposed activity is not likely to have a significant impact on the environment and therefore an EIS is not required.

The proposed activity will not be carried out in a declared area of outstanding biodiversity value, and with the proposed mitigation measures in place, is not likely to significantly affect threatened species, populations or ecological communities, or their habitats or impact biodiversity values, meaning a SIS and/or BDAR is not required.

# Additional terms (if approved)

No additional terms are required.

# Summary

Based on the information provided in the APPLICATION TO UNDERTAKE ASSESSABLE PROSPECTING OPERATIONS Rocklodge report, and the Review of Environmental Factors document, the proposed activity has been assessed as is not likely to have a significant impact on the environment and therefore an EIS is not required.

The application has been assessed and the recommendation is to Approve the activity.

## Certification

I, Stephen Clipperton, certify that I have reviewed and endorsed the contents of the attached Review of Environmental Factors document and, to the best of my knowledge, it is in accordance with the *Environmental Planning and Assessment Act 1979*, the Environmental Planning and Assessment Regulation 2021 and the Guidelines approved under clause 170 of the EP&A Regulation, and the information it contains is neither false nor misleading.

# Recommendation

The Decision Maker, under delegation from the Minister:

- Assesses the environmental impact of Rocklodge and determines that the activity is is not likely to have a significant impact on the environment and therefore an EIS is not required under Part 5 of the *Environmental Planning and Assessment Act 1979*.
- Approve the activity pursuant to the *Mining Act 1992*.

Criteria	Air Impacts: Air quality impacts (including impacts on nearby sensitive receptors).			
Potential impacts	Localised dust from vehicle movements. Exhaust fumes from the running of the earthmoving equipment, drill rig and support vehicles will be dispersed quickly. It is not expected that the dust will have an impact on the environment nor will it impact landholders.			
Proposed management controls	Vehicles will be driven at no more than 50 km/hr on local dirt roads and access tracks. Minor dust is expected as a part of drilling and rehabilitation process. It is not expected that the dust will have an impact on the environment nor will it impact surrounding landholders. The drilling will not release any gasses and/or vapours. Staff will have access to dust masks and appropriate PPE as necessary. Visitors to the site will not be allowed within 25m of the rig			
Duration	3			
Application ranking	Low Adverse	Low Adverse		
What is the confidence in predicting	High	Are further	No	
impacts?	studies			
		required on		
		impacts or		
		mitigation?		

# **Review of Environmental Factors document**

How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Low	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Fully	Justification for ra	anking	
Do the operations comply with	Yes			
standards, plans, policies?	Ain lunge stor Crease have an arrest increase			
Criteria	Air Impacts: Greenhouse or ozone impacts.			
Potential impacts	Localised dust from vehicle movements. Exhaust fumes from the running of the earthmoving equipment, drill rig and support vehicles will be dispersed quickly. It is not expected that the dust will have an impact or the environment nor will it impact landholders.			
Proposed management controls	Vehicles will be driven at no more than 50 km/hr on local dirt roads and access tracks. Minor dust is expected as a part of drilling and rehabilitation process. It is not expected that the dust will have an impact on the environment nor will it impact surrounding landholders. The drilling will not release any gasses and/or vapours. Staff will have access to dust masks and appropriate PPE as necessary. Visitors to the site will not be allowed within 25m of the rig			
Duration	3			
Application ranking	Low Adverse			
What is the confidence in predicting	High	Are further	No	
impacts?		studies		
		required on impacts or		
		mitigation?		
How resilient is the environment to	Medium Resilience	What is the	Low	
cope with impacts?		level of public		
		concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
		potential		
Can the impacts be mitigated?	Fully	significance Justification for ra	anking	
Do the operations comply with	Yes	Justification for the		
standards, plans, policies?				
Criteria	Air Impacts: Additional impacts on areas with degraded air quality.			
Potential impacts	Localised dust from vehicle movements. Exhaust fumes from the running of the earthmoving equipment, drill rig and support vehicles will be dispersed quickly. It is not expected that the dust will have an impact or the environment nor will it impact landholders.			
Proposed management controls	Vehicles will be driven at no more than 50 km/hr on local dirt roads and access tracks. Minor dust is expected as a part of drilling and rehabilitation process. It is not expected that the dust will have an impact on the environment nor will it impact surrounding landholders. The drilling will not release any gasses and/or vapours. Staff will have access to dust masks and appropriate PPE as necessary. Visitors to the site will not be allowe within 25m of the rig			
Duration	3			
Application ranking	Low Adverse			
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No	
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Low	
Can the impacts be reversed?	Yes	Ranking of	Low	
		potential significance		
Can the impacts be mitigated?	Fully	Justification for ra	anking	
Do the operations comply with	Yes			
standards, plans, policies? Criteria	Water Impacts: Impacts from the use of surface	or groundwater		
			uch activitios are not adorustely	
Potential impacts	Excavation and other earthworks form part of the managed, could result in the following impacts: dust generation from excavation and vehicle more entering the recieving waters and/or local runor steepness of the terrain, closeness to Jinny Brot	• erosion of ex ovements over expo ff. These impact	posed soil and any stockpiled materials osed soil • an increase in sediment load are relevant to the activity due to the	

Proposed management controls	Planned drilling will not require additional clear	ring and will be loca	ted 40m away from the top bank of any		
	water source including watercourses and dams.				
	Drilling traverses will not cross / traverse over a habitat areas will also be avoided.	any watercourses. A	ny wetland, swamps or other potential		
	No surface water or ground water will be extracted for the drilling program.				
	Water required for diamond drilling will be cart	-			
	Any groundwater intersected during the drilling process will be contained in above or belo Prior to drilling commencing, bunds will be constructed around the perimeter of the drill p				
	downhill sides, to contain any excess ground we				
	be collected via pumps and IBC containers at the quantities of groundwater are produced drill su				
	The drilling contractor has well established pro-				
	intercepted.	0			
	Rehabilitation works planned will have no impa	act on water.			
Duration	3				
Application ranking What is the confidence in predicting	Low Adverse High	Are further	No		
impacts?		studies	NO		
impacts.		required on			
		impacts or			
		mitigation?			
How resilient is the environment to	Medium Resilience	What is the	Low		
cope with impacts?		level of public			
Can the impacts be reversed?	Yes	concern? Ranking of	Low		
can the impacts be reversed:	163	potential			
		significance			
Can the impacts be mitigated?	Fully	Justification for r	anking		
Do the operations comply with	Yes				
standards, plans, policies?					
Criteria	Water Impacts: Impacts from storage of water				
Potential impacts	The proposed rehabilitation work and drilling program will not adversely impact any watercourses or other surface water sources, including farm dams.				
	The drilling program will not extract or use any surface water. Given the short duration of drilling the				
	proposed drilling program will have negligible a				
Proposed management controls	Planned drilling will not require additional clear	-	ted 40m away from the top bank of any		
	water source including watercourses and dams				
	Drilling traverses will not cross / traverse over any watercourses. Any wetland, swamps or other potential habitat areas will also be avoided.				
	No surface water or ground water will be extracted for the drilling program.				
	Water required for diamond drilling will be carted using the drill contractor's water truck.				
	Any groundwater intersected during the drilling process will be contained in above or below ground sumps.				
	The drilling contractor has well established procedures to mitigate and resolve any issues if any water is				
	intercepted.				
Duration	Rehabilitation works planned will have no impa	ict on water.			
Application ranking	Negligible				
What is the confidence in predicting	High	Are further	No		
impacts?		studies			
		required on			
		impacts or			
How resilient is the environment to	Medium Resilience	mitigation? What is the	Low		
cope with impacts?		level of public			
cope with impacts:		concern?			
Can the impacts be reversed?	Yes	Ranking of	Low		
-		potential			
		significance			
Can the impacts be mitigated?	Fully	Justification for r	anking		
Do the operations comply with	Yes				
standards, plans, policies? Criteria	Water Impacts: Impacts from changes to notice	 al water bodies, wat	lands or runoff pattorns		
	Water Impacts: Impacts from changes to natura		•		
Potential impacts	The proposed rehabilitation work and drilling p	ogram will not adv	ersely impact any watercourses or othe		
	surface water sources, including farm dams. The drilling program will not extract or use any surface water. Given the short duration of dri				
	The drilling program will not extract or use any	surface water. Give	n the short duration of drilling the		

Proposed management controls	Planned drilling will not require additional clearing and will be located 40m away from the top bank of any water source including watercourses and dams. Drilling traverses will not cross / traverse over any watercourses. Any wetland, swamps or other potential habitat areas will also be avoided. No surface water or ground water will be extracted for the drilling program.			
	Water required for diamond drilling will be cart Any groundwater intersected during the drilling The drilling contractor has well established proc intercepted.	ntractor's water truck. Itained in above or below ground sumps		
	Rehabilitation works planned will have no impa	ct on water.		
Duration	3			
Application ranking	Negligible		T	
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No	
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Low	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Fully	Justification for r	anking	
Do the operations comply with	Yes			
standards, plans, policies? Criteria	Water Impacts: Impacts from aquifer interferen	 	os to intor aquifor connectivity	
Potential impacts	surface water sources, including farm dams.	The drilling program will not extract or use any surface water. Given the short duration of drilling the		
Duration	water source including watercourses and dams. Drilling traverses will not cross / traverse over any watercourses. Any wetland, swamps or other potent habitat areas will also be avoided. No surface water or ground water will be extracted for the drilling program. Water required for diamond drilling will be carted using the drill contractor's water truck. Any groundwater intersected during the drilling process will be contained in above or below ground su Prior to drilling commencing, bunds will be constructed around the perimeter of the drill pads, on the downhill sides, to contain any excess ground water that may be produced during drilling. Groundwater be collected via pumps and IBC containers at the drill collar, for later disposal. In the event that large quantities of groundwater are produced drill sumps will be required. The drilling contractor has well established procedures to mitigate and resolve any issues if any water is intercepted. Rehabilitation works planned will have no impact on water.			
Duration	3			
Application ranking	Negligible	A 6		
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No	
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Low	
Can the impacts be reversed?	Yes Ranking of Low potential significance			
Can the impacts be mitigated?	Fully Justification for ranking			
Do the operations comply with	Yes			
standards, plans, policies?	Water Impacts: Impacts from shapped to fleed:	 ag or tidal regimes		
Criteria	Water Impacts: Impacts from changes to floodin			
Potential impacts	The proposed rehabilitation work and drilling pr surface water sources, including farm dams. The drilling program will not extract or use any the short duration of drilling the proposed drillin negligible adverse impact on surface water in th	surface water. Give ng program will hav	n	

Proposed management controls					
	Planned drilling will not require additional clear	-	ed 40m away from the top bank of any		
	water source including watercourses and dams.				
	Drilling traverses will not cross / traverse over any watercourses. Any				
	wetland, swamps or other potential habitat areas will also be avoided.				
	No surface water or ground water will be extrac	ted for the drilling	program.		
	Water required for diamond drilling will be carted using the drill contractor's water truck. Any groundwater intersected during the drilling process will be contained in above or below gro				
	The drilling contractor has well established proc				
	intercepted.	0	, ,		
	Rehabilitation works planned will have no impa	ct on water			
Duration	3	et on water.			
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Application ranking	Negligible	A set Conthese	N -		
What is the confidence in predicting	High	Are further	No		
impacts?		studies			
		required on			
		impacts or			
		mitigation?			
How resilient is the environment to	Medium Resilience	What is the	Low		
cope with impacts?		level of public			
		concern?			
Can the impacts be reversed?	Yes	Ranking of	Low		
••••••		potential			
		significance			
Can the impacts be mitigated?	Fully	Justification for ra	anking		
Do the operations comply with	Yes		анна (Б		
	res				
standards, plans, policies?	And the state of the second for the state of the second seco		a the second second to		
Criteria	Water Impacts: Impacts from changes in surface	• •			
Potential impacts	Excavation and other earthworks form part of t	he proposal and if s	uch activities are not adequately		
	managed, could result in the following impacts:				
	erosion of exposed soil and any stockpiled materials				
			oosed soil		
	<ul> <li>dust generation from excavation and vehicle movements over exposed soil</li> <li>an increase in sediment loads entering the recieving waters and/or local runoff.</li> </ul>				
	an increase in seament loads entering the rec				
	Those impacts are relevant to the activity due to	a the steepness of t	ha tarrain, clasanoss ta linny Prothor		
	These impacts are relevant to the activity due to the steepness of the terrain, closeness to Jinny Brother				
Description of the start of the	Creek, and sensitivity of the landscape.	· · · · · · · · · · · · · · · · · · ·			
Proposed management controls	Planned drilling will not require additional clearing and will be located 40m away from the top bank of any				
	water source including watercourses and dams.				
	Drilling traverses will not cross / traverse over a	ny watercourses. A	ny wetland, swamps or other potential		
	habitat areas will also be avoided.				
	No surface water or ground water will be extracted for the drilling program.				
	Water management structures will be inspected regularly throughout the exploration and works program				
	and particularly following protracted rainfall to ensure integrity and performance.				
	An approved spill kit/oil matting will be on site for use with hydrocarbons such as diesel or oil spills. All				
	An approved spill kit/oli matting will be on site i	for use with hydroca	arbons such as diesel or oil spills. All		
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	chemicals and hydrocarbons will be stored and	,			
	chemicals and hydrocarbons will be stored and vehicles.	transported in seale	ed containers or storage boxes in the		
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	chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehicle ensure there is no residual transfer of contamin	transported in seale es and machinery, in ated soil to surface	ed containers or storage boxes in the mmediate response will be undertaken to waters.		
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Duration	chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehicle ensure there is no residual transfer of contamin Any contaminated soil will be removed for dispo- All empty containers and dirty rags will be taker Water required for diamond drilling will be cart Any groundwater intersected during the drilling Prior to drilling commencing, bunds will be cons downhill sides, to contain any excess ground wa be collected via pumps and IBC containers at th quantities of groundwater are produced drill su The drilling contractor has well established proc intercepted. Rehabilitation works planned will have no impa- 3	transported in seale es and machinery, in ated soil to surface osal at an approved n off site and dispos ed using the drill co process will be con- structed around the ater that may be pro- e drill collar, for late mps will be require redures to mitigate	ed containers or storage boxes in the mmediate response will be undertaken t waters. waste facility. ed at an approved waste facility. ntractor's water truck. tained in above or below ground sumps. perimeter of the drill pads, on the bduced during drilling. Groundwater will er disposal. In the event that large d.		
Application ranking	chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehicle ensure there is no residual transfer of contamin Any contaminated soil will be removed for dispo- All empty containers and dirty rags will be taker Water required for diamond drilling will be cart Any groundwater intersected during the drilling Prior to drilling commencing, bunds will be cons downhill sides, to contain any excess ground wa be collected via pumps and IBC containers at th quantities of groundwater are produced drill su The drilling contractor has well established proc intercepted. Rehabilitation works planned will have no impa- 3 Moderate Adverse	transported in seale es and machinery, in ated soil to surface osal at an approved n off site and dispos ed using the drill co process will be con- structed around the ater that may be pro- e drill collar, for late mps will be require- cedures to mitigate ct on water.	ed containers or storage boxes in the mmediate response will be undertaken t waters. waste facility. ed at an approved waste facility. ntractor's water truck. tained in above or below ground sumps. perimeter of the drill pads, on the oduced during drilling. Groundwater will er disposal. In the event that large d. and resolve any issues if any water is		
Application ranking What is the confidence in predicting	chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehicle ensure there is no residual transfer of contamin Any contaminated soil will be removed for dispo- All empty containers and dirty rags will be taker Water required for diamond drilling will be cart Any groundwater intersected during the drilling Prior to drilling commencing, bunds will be cons downhill sides, to contain any excess ground wa be collected via pumps and IBC containers at th quantities of groundwater are produced drill su The drilling contractor has well established proc intercepted. Rehabilitation works planned will have no impa- 3	transported in seale es and machinery, in ated soil to surface osal at an approved n off site and dispos ed using the drill co process will be con- structed around the ater that may be pro- e drill collar, for late mps will be require- cedures to mitigate ct on water. Are further	ed containers or storage boxes in the mmediate response will be undertaken to waters. waste facility. ed at an approved waste facility. ntractor's water truck. tained in above or below ground sumps. perimeter of the drill pads, on the bouced during drilling. Groundwater will er disposal. In the event that large d.		
Application ranking	chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehicle ensure there is no residual transfer of contamin Any contaminated soil will be removed for dispo- All empty containers and dirty rags will be taker Water required for diamond drilling will be cart Any groundwater intersected during the drilling Prior to drilling commencing, bunds will be cons downhill sides, to contain any excess ground wa be collected via pumps and IBC containers at th quantities of groundwater are produced drill su The drilling contractor has well established proc intercepted. Rehabilitation works planned will have no impa- 3 Moderate Adverse	transported in seale es and machinery, in ated soil to surface bal at an approved n off site and dispos ed using the drill co process will be con- structed around the ater that may be pro- e drill collar, for late mps will be require- tedures to mitigate ct on water. Are further studies	ed containers or storage boxes in the mmediate response will be undertaken to waters. waste facility. ed at an approved waste facility. ntractor's water truck. tained in above or below ground sumps. perimeter of the drill pads, on the oduced during drilling. Groundwater will er disposal. In the event that large d. and resolve any issues if any water is		
Application ranking What is the confidence in predicting	chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehicle ensure there is no residual transfer of contamin Any contaminated soil will be removed for dispo- All empty containers and dirty rags will be taker Water required for diamond drilling will be cart Any groundwater intersected during the drilling Prior to drilling commencing, bunds will be cons downhill sides, to contain any excess ground wa be collected via pumps and IBC containers at th quantities of groundwater are produced drill su The drilling contractor has well established proc intercepted. Rehabilitation works planned will have no impa- 3 Moderate Adverse	transported in seale es and machinery, in ated soil to surface osal at an approved n off site and dispos ed using the drill co process will be con- structed around the ater that may be pro- e drill collar, for late mps will be require- tedures to mitigate ct on water. Are further studies required on	ed containers or storage boxes in the mmediate response will be undertaken to waters. waste facility. ed at an approved waste facility. ntractor's water truck. tained in above or below ground sumps. perimeter of the drill pads, on the oduced during drilling. Groundwater will er disposal. In the event that large d. and resolve any issues if any water is		
Application ranking What is the confidence in predicting	chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehicle ensure there is no residual transfer of contamin Any contaminated soil will be removed for dispo- All empty containers and dirty rags will be taker Water required for diamond drilling will be cart Any groundwater intersected during the drilling Prior to drilling commencing, bunds will be cons downhill sides, to contain any excess ground wa be collected via pumps and IBC containers at th quantities of groundwater are produced drill su The drilling contractor has well established proc intercepted. Rehabilitation works planned will have no impa- 3 Moderate Adverse	transported in seale es and machinery, in ated soil to surface bal at an approved n off site and dispos ed using the drill co process will be con- structed around the ater that may be pro- e drill collar, for late mps will be require- tedures to mitigate ct on water. Are further studies	ed containers or storage boxes in the mmediate response will be undertaken to waters. waste facility. ed at an approved waste facility. ntractor's water truck. tained in above or below ground sumps. perimeter of the drill pads, on the oduced during drilling. Groundwater will er disposal. In the event that large d. and resolve any issues if any water is		
Application ranking What is the confidence in predicting	chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehicle ensure there is no residual transfer of contamin Any contaminated soil will be removed for dispo- All empty containers and dirty rags will be taker Water required for diamond drilling will be cart Any groundwater intersected during the drilling Prior to drilling commencing, bunds will be cons downhill sides, to contain any excess ground wa be collected via pumps and IBC containers at th quantities of groundwater are produced drill su The drilling contractor has well established proc intercepted. Rehabilitation works planned will have no impa- 3 Moderate Adverse	transported in seale es and machinery, in ated soil to surface osal at an approved n off site and dispos ed using the drill co process will be con- structed around the ater that may be pro- e drill collar, for late mps will be require- tedures to mitigate ct on water. Are further studies required on	ed containers or storage boxes in the mmediate response will be undertaken to waters. waste facility. ed at an approved waste facility. ntractor's water truck. tained in above or below ground sumps. perimeter of the drill pads, on the oduced during drilling. Groundwater will er disposal. In the event that large d. and resolve any issues if any water is		
Application ranking What is the confidence in predicting	chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehicle ensure there is no residual transfer of contamin Any contaminated soil will be removed for dispo- All empty containers and dirty rags will be taker Water required for diamond drilling will be cart Any groundwater intersected during the drilling Prior to drilling commencing, bunds will be cons downhill sides, to contain any excess ground wa be collected via pumps and IBC containers at th quantities of groundwater are produced drill su The drilling contractor has well established proc intercepted. Rehabilitation works planned will have no impa- 3 Moderate Adverse	transported in seale es and machinery, in ated soil to surface osal at an approved n off site and dispos ed using the drill co process will be con- structed around the ater that may be pro- e drill collar, for late mps will be require- sedures to mitigate ct on water. Are further studies required on impacts or	ed containers or storage boxes in the mmediate response will be undertaken to waters. waste facility. ed at an approved waste facility. ntractor's water truck. tained in above or below ground sumps. perimeter of the drill pads, on the oduced during drilling. Groundwater will er disposal. In the event that large d. and resolve any issues if any water is		
Application ranking What is the confidence in predicting impacts?	chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehicle ensure there is no residual transfer of contamin Any contaminated soil will be removed for dispe- All empty containers and dirty rags will be taker Water required for diamond drilling will be cart Any groundwater intersected during the drilling Prior to drilling commencing, bunds will be cons downhill sides, to contain any excess ground wa be collected via pumps and IBC containers at th quantities of groundwater are produced drill su The drilling contractor has well established proc intercepted. Rehabilitation works planned will have no impa 3 Moderate Adverse Medium	transported in seale es and machinery, in ated soil to surface osal at an approved n off site and dispos ed using the drill co process will be con structed around the ater that may be pro- e drill collar, for late mps will be require- cedures to mitigate ct on water. Are further studies required on impacts or mitigation?	ed containers or storage boxes in the mmediate response will be undertaken to waters. waste facility. ed at an approved waste facility. ntractor's water truck. tained in above or below ground sumps. perimeter of the drill pads, on the oduced during drilling. Groundwater will er disposal. In the event that large d. and resolve any issues if any water is No		

Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification for r	anking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Soil & Stability Impacts: Degradation of soil quality (including contamination, salinisation or acidification).		
Potential impacts	<ul> <li>Excavation and other earthworks form part of the proposal and if such activities are not adequatel managed, could result in the following impacts:</li> <li>erosion of exposed soil and any stockpiled materials</li> <li>dust generation from excavation and vehicle movements over exposed soil</li> <li>an increase in sediment loads entering the recieving waters and/or local runoff.</li> </ul>		posed soil
	These impacts are relevant to the activity due to	<b>U</b> .	
Proposed management controls	Creek, and sensitivity of the landscape. Only minor surface disturbance is required to fa not be undertaken during wet conditions. The d cause significant impact on the soil.	-	
	REHABILITATION Drill pads will be ripped / re-shaped and rehabil over the levelled surface to form a stable surfac	, ,	ng the soil / grass sward / vegetation back
	<ul> <li>Rehabilitation methedology will follow those ou</li> <li>Re-shaping the drill pads to remove their geo with those natural slopes around the pads.</li> <li>Replacing topsoil set aside during pad constru- topsoil was not set aside, what alternative meas</li> <li>Installation of any required surface water ma area, including silt-stop fencing.</li> <li>Spreading of any cleared vegetation.</li> <li>Revegetation of the entire disturbed area with</li> </ul>	metric shape and contraction onto the fina sures will be adopte nagement structure	reating slopes comparable I landform. (noting that ed) es to protect the disturbed
	In accordance with the specific requirements of ensure that they are stable / non-eroding and w Any damage to existing access tracks will be rep areas, the battered slopes on either side of the required to control / slow-down surface water r	vill be retained for f paired. Where acces track may be stabili	uture use as farm tracks and as fire trails. s tracks have been formed on steeper
	Drill sites that existed prior to the NSW Resource Regulator inspection in April 2022 will be rehabilitated following the same procedure as outlined in this Section 4 including where erosion and sediment issues have been identified such that the areas will be reprofiled back to their pre-existing landform and in-line with the Rehabilitation Objectives & Completion Criteria submitted in September 2021.		
	MONITORING All revegetated areas will be inspected at least of substantial storm events, high risk sites would b whether there is a need for any maintenance ad	e targeted to ident	
Duration	3		
Application ranking	Low Adverse		AL
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Low
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification for r	anking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Soil & Stability Impacts: Impacts on land with hi	gh agricultural capa	bility.
Potential impacts	The project area is not being undertaken on hig	h ag class land	

Proposed management controls	Only minor surface disturbance is required to fa not be undertaken during wet conditions. The c cause significant impact on the soil.		0. 0	
	REHABILITATION Drill pads will be ripped / re-shaped and rehabilitated by respreading the soil / grass sward / vegetation back over the levelled surface to form a stable surface.			
	<ul> <li>Rehabilitation methedology will follow those outlined in the RMP (attached) as follows:</li> <li>1. Re-shaping the drill pads to remove their geometric shape and creating slopes comparable with those natural slopes around the pads.</li> <li>2. Replacing topsoil set aside during pad construction onto the final landform. (noting that topsoil was not set aside, what alternative measures will be adopted)</li> <li>3. Installation of any required surface water management structures to protect the disturbed area, including silt-stop fencing.</li> </ul>			
	<ol> <li>Spreading of any cleared vegetation.</li> <li>Revegetation of the entire disturbed area wit</li> <li>In accordance with the specific requirements of</li> </ol>			
	In accordance with the specific requirements of landholders, all access tracks will be graded if required to ensure that they are stable / non-eroding and will be retained for future use as farm tracks and as fire trails. Any damage to existing access tracks will be repaired. Where access tracks have been formed on steeper areas, the battered slopes on either side of the track may be stabilised with jute mesh and silt (Coir) logs if required to control / slow-down surface water run-off. Drill sites that existed prior to the NSW Resource Regulator inspection in April 2022 will be rehabilitated following the same procedure as outlined in this Section 4 including where erosion and sediment issues have been identified such that the areas will be reprofiled back to their pre-existing landform and in-line with the Rehabilitation Objectives & Completion Criteria submitted in September 2021. MONITORING All revegetated areas will be inspected at least every 6 months for a period of up to 2 years and following any substantial storm events, high risk sites would be targeted to identify whether there is a need for any maintenance activities.			
Duration				3
Application ranking	Negligible			
What is the confidence in predicting impacts?	High	Are further studies required on impacts or	No	
How resilient is the environment to cope with impacts?	High Resilience	mitigation? What is the level of public concern?	Low	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Fully	Justification for r	anking	
Do the operations comply with standards, plans, policies?	Yes			
Criteria	Soil & Stability Impacts: Loss of soil from wind o			
Potential impacts	Excavation and other earthworks form part of the proposal and if such activities are not adequately managed, could result in the following impacts:			
	<ul> <li>erosion of exposed soil and any stockpiled ma</li> <li>dust generation from excavation and vehicle r</li> <li>an increase in sediment loads entering the red</li> </ul>	novements over ex	•	
	These impacts are relevant to the activity due to Creek, and sensitivity of the landscape.	o the steepness of t	he terrain, closeness to Jinny Brother	

Proposed management controls	Only minor surface disturbance is required to fa not be undertaken during wet conditions. The d cause significant impact on the soil.		0.0	
	REHABILITATION Drill pads will be ripped / re-shaped and rehabilitated by respreading the soil / grass sward / vegetation back over the levelled surface to form a stable surface.			
	Rehabilitation methedology will follow those ou	itlined in the RMP (a	attached) as follows:	
	1. Re-shaping the drill pads to remove their geo	metric shape and cr	eating slopes comparable	
	with those natural slopes around the pads. 2. Replacing topsoil set aside during pad constru	uction onto the final	l landform. (noting that	
	topsoil was not set aside, what alternative measure			
	<ol> <li>Installation of any required surface water ma area, including silt-stop fencing.</li> </ol>	nagement structure	es to protect the disturbed	
	4. Spreading of any cleared vegetation.			
	5. Revegetation of the entire disturbed area wit	h a native or pastur	e seed mix, if necessary.	
	In accordance with the specific requirements of landholders, all access tracks will be graded if required to ensure that they are stable / non-eroding and will be retained for future use as farm tracks and as fire trails. Any damage to existing access tracks will be repaired. Where access tracks have been formed on steeper areas, the battered slopes on either side of the track may be stabilised with jute mesh and silt (Coir) logs if required to control / slow-down surface water run-off.			
	Drill sites that existed prior to the NSW Resource Regulator inspection in April 2022 will be rehabilitated following the same procedure as outlined in this Section 4 including where erosion and sediment issues have been identified such that the areas will be reprofiled back to their pre-existing landform and in-line with the Rehabilitation Objectives & Completion Criteria submitted in September 2021.			
	All revegetated areas will be inspected at least every 6 months for a period of up to 2 years and following any			
	substantial storm events, high risk sites would be targeted to identify			
Duration	whether there is a need for any maintenance ac 3	tivities.		
Application ranking	Moderate Adverse			
What is the confidence in predicting	Medium	Are further	No	
impacts?		studies		
		required on		
		impacts or mitigation?		
How resilient is the environment to	Medium Resilience	What is the	Low	
cope with impacts?		level of public		
		concern?		
Can the impacts be reversed?	Yes	Ranking of potential	Low	
		significance		
Can the impacts be mitigated?	Fully	Justification for ra	anking	
Do the operations comply with	Yes			
standards, plans, policies? Criteria	Soil & Stability Impacts: Loss of structural integr	ity of the soil		
Potential impacts			uch activities are not adoquately	
	Excavation and other earthworks form part of the proposal and if such activities are not adequately managed, could result in the following impacts:			
	<ul> <li>erosion of exposed soil and any stockpiled ma</li> <li>dust generation from excavation and vehicle r</li> <li>an increase in sediment loads entering the recommendation</li> </ul>	novements over exp		
	These impacts are relevant to the activity due to Creek, and sensitivity of the landscape.al tracks	•		

Proposed management controls	Only minor surface disturbance is required to fa not be undertaken during wet conditions. The d cause significant impact on the soil.		0.0	
	REHABILITATION Drill pads will be ripped / re-shaped and rehabilitated by respreading the soil / grass sward / vegetation back over the levelled surface to form a stable surface.			
	Rehabilitation methedology will follow those ou 1. Re-shaping the drill pads to remove their geo			
	with those natural slopes around the pads.	·		
	<ol> <li>Replacing topsoil set aside during pad constru- topsoil was not set aside, what alternative meas</li> </ol>			
	<ol> <li>Installation of any required surface water ma area, including silt-stop fencing.</li> <li>Spreading of any cleared vegetation.</li> </ol>			
	5. Revegetation of the entire disturbed area wit	h a native or pastur	e seed mix, if necessary.	
	In accordance with the specific requirements of landholders, all access tracks will be graded if required to ensure that they are stable / non-eroding and will be retained for future use as farm tracks and as fire trails. Any damage to existing access tracks will be repaired. Where access tracks have been formed on steeper areas, the battered slopes on either side of the track may be stabilised with jute mesh and silt (Coir) logs if required to control / slow-down surface water run-off.			
	Drill sites that existed prior to the NSW Resource Regulator inspection in April 2022 will be rehabilitated following the same procedure as outlined in this Section 4 including where erosion and sediment issues have been identified such that the areas will be reprofiled back to their pre-existing landform and in-line with the Rehabilitation Objectives & Completion Criteria submitted in September 2021. MONITORING All revegetated areas will be inspected at least every 6 months for a period of up to 2 years and following any substantial storm events, high risk sites would be targeted to identify whether there is a need for any maintenance activities.			
Duration	3			
Application ranking	Moderate Adverse			
What is the confidence in predicting impacts?	Medium	Are further studies	No	
		required on		
		impacts or		
	Marilton Destitation	mitigation?		
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public	Low	
cope with impacts?		concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
		potential		
		significance		
Can the impacts be mitigated?	Fully	Justification for ra	anking	
Do the operations comply with standards, plans, policies?	Yes			
Criteria	Soil & Stability Impacts: Increased land instabilit	y with high risks fro	m land slides or subsidence.	
Potential impacts	Excavation and other earthworks form part of the managed, could result in the following impacts:	he proposal and if s		
	<ul> <li>erosion of exposed soil and any stockpiled ma</li> <li>dust generation from excavation and vehicle r</li> <li>an increase in sediment loads entering the red</li> </ul>	novements over exp		
	These impacts are relevant to the activity due to Creek, and sensitivity of the landscape.	o the steepness of t	he terrain, closeness to Jinny Brother	

Proposed management controls	Only minor surface disturbance is required to fa not be undertaken during wet conditions. The o cause significant impact on the soil.	-	
	<ul> <li>REHABILITATION</li> <li>Drill pads will be ripped / re-shaped and rehabilitated by respreading the soil / grass sward / vegetation back over the levelled surface to form a stable surface.</li> <li>Rehabilitation methedology will follow those outlined in the RMP (attached) as follows: <ol> <li>Re-shaping the drill pads to remove their geometric shape and creating slopes comparable with those natural slopes around the pads.</li> <li>Replacing topsoil set aside during pad construction onto the final landform. (noting that topsoil was not set aside, what alternative measures will be adopted)</li> <li>Installation of any required surface water management structures to protect the disturbed area, including silt-stop fencing.</li> <li>Spreading of any cleared vegetation.</li> <li>Revegetation of the entire disturbed area with a native or pasture seed mix, if necessary.</li> </ol> </li> <li>In accordance with the specific requirements of landholders, all access tracks will be graded if required to ensure that they are stable / non-eroding and will be retained for future use as farm tracks and as fire trails. Any damage to existing access tracks will be repaired. Where access tracks have been formed on steeper areas, the battered slopes on either side of the track may be stabilised with jute mesh and silt (Coir) logs if required to control / slow-down surface water run-off.</li> </ul>		
	Drill sites that existed prior to the NSW Resourd following the same procedure as outlined in thi been identified such that the areas will be repro Rehabilitation Objectives & Completion Criteria	s Section 4 including	g where erosion and sediment issues have ore-existing landform and in-line with the
	MONITORING All revegetated areas will be inspected at least substantial storm events, high risk sites would l whether there is a need for any maintenance a	be targeted to ident	
Duration	3		
Application ranking	Moderate Adverse		
What is the confidence in predicting impacts?	Medium	Are further studies required on impacts or	No
How resilient is the environment to cope with impacts?	Medium Resilience	mitigation? What is the level of public concern?	Low
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification for r	anking
Do the operations comply with	Yes		_
standards, plans, policies?			
Criteria	Noise & Vibration Impacts: Results in increased	noise or vibration.	
Potential impacts	The will be minor noise and vibration during daytime hours with the operation of drill rig an vehicles. The nearest sensitive receptor is the homestead Rocklodge at 1.5km away. However, conducted on a split shift 24hr basis, noise will be more intrusive.		
Proposed management controls	Vehicle speeds will be limited to a maximum of 50km/hr. Diamond drilling is proposed to be 12 hours but may be up to 24 hours, but only with landholder perm The times of operation will be discussed with the closest sensitive receptor before operations comme Hours of operation will be in strict accordance with landholder requirements.		receptor before operations commence.
Duration	3		
Application ranking	Negligible	-	
What is the confidence in predicting impacts?	Medium	Are further studies required on impacts or	No
How resilient is the environment to	Medium Resilience	mitigation? What is the	Low
cope with impacts?		level of public concern?	
	Yes	Ranking of	Low
Can the impacts be reversed?		potential	

Can the impacts be mitigated?	Fully	Justification for r	anking	
Do the operations comply with	Yes			
standards, plans, policies?		l		
Criteria	Noise & Vibration Impacts: Affects sensitive rec	•		
Potential impacts	Noise and vibration will be limited to access tracks and drill pads in the work area only and will not significantly impact surrounding landholders or residences. There are no nearby sensitive receptors.			
Proposed management controls	Vehicle speeds will be limited to a maximum of	-		
	Diamond drilling is proposed to be 12 hours but may be up to 24 hours, but only with landholder p The times of operation will be discussed with the closest sensitive receptor before operations cor			
	Hours of operation will be in strict accordance w	with landholder req	uirements.	
Duration	3			
Application ranking	Negligible		1	
What is the confidence in predicting	High	Are further	No	
impacts?		studies		
		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	Medium Resilience	What is the	Low	
cope with impacts?		level of public		
Can the impacts he reversed?	Voc	concern?	Low	
Can the impacts be reversed?	Yes	Ranking of potential	Low	
		significance		
Can the impacts be mitigated?	Fully	Justification for r	anking	
Do the operations comply with	Yes	Justineation for h		
standards, plans, policies?				
Criteria	Coastal Location & Processes: Affects coastal pr	ocesses and coasta	I hazards, including those under projected	
	climate change conditions.			
Potential impacts	Not applicable			
Proposed management controls	Not applicable			
Duration	3			
Application ranking				
What is the confidence in predicting	N/A	Are further	N/A	
impacts?		studies		
		required on		
		impacts or		
	N/A	mitigation?	N/A	
How resilient is the environment to	N/A	What is the level of public	N/A	
cope with impacts?		concern?		
Can the impacts be reversed?	N/A	Ranking of		
can the impacts be reversed.		potential		
		significance		
Can the impacts be mitigated?	N/A	Justification for r	anking	
Do the operations comply with	No		<u> </u>	
standards, plans, policies?				
Criteria	Hazardous substances or chemicals: Impacts as: hazardous substances or chemicals.	sociated with the us	se, generation, storage or transport of	
Potential impacts	Use of fuel and oil in drill rig, earthmoving equip	pment and support	vehicles may potentially result in localised	
	impact if spillage occurs.			
Proposed management controls	Diesel stored only in truck tanks. All chemicals a	and hydrocarbons w	vill be stored and transported in sealed	
	containers or storage boxes in the vehicles.			
	All chemicals used are biodegradable and appro	-	-	
	Appropriate chemical spill kits / oil matting will be available on site for use with hydrocarbons such as diesel			
	or oil spills and any waste will be disposed of in the nearest appropriate waste facility.			
	The drilling contractor will have safety data sheets for all chemicals and hydrocarbons used on site, as well as safe work method statements as part of the contractor's OH&S policy for the use of these chemicals.			
			•	
	An approved spill kit/oil matting will be on site		-	
	chemicals and hydrocarbons will be stored and transported in sealed containers or storage boxes in the			
	-	vehicles. Should a spillage of fuel or oil occur from vehicles and machinery, immediate response will be undertaken to		
	vehicles.	es and machinony i	mmediate response will be undertaken to	
	vehicles. Should a spillage of fuel or oil occur from vehicl			
	vehicles. Should a spillage of fuel or oil occur from vehicl ensure there is no residual transfer of contamin	ated soil to surface	waters.	
	vehicles. Should a spillage of fuel or oil occur from vehicl	ated soil to surface	waters.	
Duration	vehicles. Should a spillage of fuel or oil occur from vehicl ensure there is no residual transfer of contamin	ated soil to surface	waters.	

What is the confidence in predicting	High	Are further	No
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Low
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	-
		significance	
Can the impacts be mitigated?	Fully	Justification for ra	anking
Do the operations comply with	Yes	Justification for it	
	165		
standards, plans, policies?	Martes Q. Envirois and Incorports to the environment	han an an aite an far ann aite.	
Criteria	Wastes & Emissions: Impacts to the environme		
Potential impacts	Reverse circulation drilling fines will be collected	ed and then used to	backfill the holes if possible or removed
	from site. Drilling cuttings and waste water fro	m the diamond drilli	ng are contained in above ground or
	inground sumps. Fugitive emissions from diese	l powered equipmer	nt will be negligible and of short duration
Proposed management controls	Any excess RC drill cuttings will be removed fro	om the site and dispo	osed off site appropriately if they cannot
	be put back down the hole.		
	Standard exhaust systems are required for all o	liesel powered equip	oment.
	All general waste will be contained in large hea		
	disposed of at the local land-fill site.	.,,	
	Diesel stored only in truck tanks. All chemicals	and hydrocarbons w	ill be stored and transported in sealed
	containers or storage boxes in the vehicles.		in be stored and transported in sealed
	-	avad for drilling No.	dangaraus chamicals will be used on sit
	All chemicals used are biodegradable and appr	-	-
	Appropriate chemical spill kits / oil matting wil		
	or oil spills and any waste will be disposed of ir		riate waste facility.
	-		and hydrocarbons used on site, as well
	safe work method statements as part of the co	ntractor's OH&S pol	icy for the use of these chemicals.
	-	ntractor's OH&S pol	icy for the use of these chemicals.
	safe work method statements as part of the co	ntractor's OH&S pol for use with hydroca	icy for the use of these chemicals. arbons such as diesel or oil spills. All
	safe work method statements as part of the co An approved spill kit/oil matting will be on site	ntractor's OH&S pol for use with hydroca	icy for the use of these chemicals. arbons such as diesel or oil spills. All
	safe work method statements as part of the co An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles.	ntractor's OH&S pol for use with hydroca transported in seale	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the
	safe work method statements as part of the co An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic	ntractor's OH&S pol for use with hydroca transported in seale les and machinery, in	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken
	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami	ntractor's OH&S pol for use with hydroca I transported in seale les and machinery, in nated soil to surface	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters.
	safe work method statements as part of the co An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic	ntractor's OH&S pol for use with hydroca I transported in seale les and machinery, in nated soil to surface	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters.
Duration	safe work method statements as part of the co An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp	ntractor's OH&S pol for use with hydroca I transported in seale les and machinery, in nated soil to surface	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters.
	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp 3	ntractor's OH&S pol for use with hydroca I transported in seale les and machinery, in nated soil to surface	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters.
Application ranking	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp 3 Low Adverse	ntractor's OH&S pol for use with hydroca I transported in seale les and machinery, in nated soil to surface posal at an approved	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters. waste facility.
Application ranking What is the confidence in predicting	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp 3	ntractor's OH&S pol for use with hydroca I transported in seale les and machinery, in nated soil to surface bosal at an approved Are further	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters.
Application ranking	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp 3 Low Adverse	ntractor's OH&S pol for use with hydroca transported in seale les and machinery, in nated soil to surface bosal at an approved Are further studies	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters. waste facility.
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Application ranking What is the confidence in predicting	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp 3 Low Adverse	ntractor's OH&S pol for use with hydroca transported in seale les and machinery, in nated soil to surface bosal at an approved Are further studies	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters. waste facility.
Application ranking What is the confidence in predicting	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp 3 Low Adverse	ntractor's OH&S pol for use with hydroca I transported in seale les and machinery, in nated soil to surface bosal at an approved Are further studies required on	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters. waste facility.
Application ranking What is the confidence in predicting impacts?	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp 3 Low Adverse High	ntractor's OH&S pol for use with hydroca transported in seale les and machinery, in nated soil to surface tosal at an approved Are further studies required on impacts or mitigation?	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters. waste facility.
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Application ranking What is the confidence in predicting impacts?	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp 3 Low Adverse High	ntractor's OH&S pol for use with hydroca transported in seale les and machinery, in nated soil to surface tosal at an approved Are further studies required on impacts or mitigation? What is the level of public	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters. waste facility.
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp 3 Low Adverse High Medium Resilience	ntractor's OH&S pol for use with hydroca transported in seale les and machinery, in nated soil to surface tosal at an approved Are further studies required on impacts or mitigation? What is the level of public concern?	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters. waste facility.
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp 3 Low Adverse High	ntractor's OH&S pol for use with hydroca transported in seale les and machinery, in nated soil to surface bosal at an approved Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters. waste facility.
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp 3 Low Adverse High Medium Resilience	ntractor's OH&S pol for use with hydroca transported in seale les and machinery, in nated soil to surface tosal at an approved Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters. waste facility.
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp 3 Low Adverse High Medium Resilience	ntractor's OH&S pol for use with hydroca transported in seale les and machinery, in nated soil to surface to soll to surface to soll to surface to surface	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters. waste facility. No Low
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp 3 Low Adverse High Medium Resilience	ntractor's OH&S pol for use with hydroca transported in seale les and machinery, in nated soil to surface tosal at an approved Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters. waste facility. No Low
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp 3 Low Adverse High Medium Resilience	ntractor's OH&S pol for use with hydroca transported in seale les and machinery, in nated soil to surface to soll to surface to soll to surface to surface	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters. waste facility. No Low
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated?	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp 3 Low Adverse High Medium Resilience Yes	ntractor's OH&S pol for use with hydroca transported in seale les and machinery, in nated soil to surface to sal at an approved Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters. waste facility. No Low
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp 3 Low Adverse High Medium Resilience Yes	ntractor's OH&S pol for use with hydroca transported in seale les and machinery, in nated soil to surface tosal at an approved Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters. waste facility. No Low Low
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp 3 Low Adverse High Medium Resilience Yes Fully Yes Wastes & Emissions: Impacts on drinking wate	ntractor's OH&S pol for use with hydroca transported in seale les and machinery, in nated soil to surface tosal at an approved Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters. waste facility. No Low Low
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp 3 Low Adverse High Medium Resilience Yes Fully Yes Wastes & Emissions: Impacts on drinking wate or flood prone areas.	ntractor's OH&S pol for use with hydroca transported in seale les and machinery, in nated soil to surface toosal at an approved Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re-	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters. waste facility. No Low Low anking
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	safe work method statements as part of the cc An approved spill kit/oil matting will be on site chemicals and hydrocarbons will be stored and vehicles. Should a spillage of fuel or oil occur from vehic ensure there is no residual transfer of contami Any contaminated soil will be removed for disp 3 Low Adverse High Medium Resilience Yes Fully Yes Wastes & Emissions: Impacts on drinking wate	ntractor's OH&S pol for use with hydroca transported in seale les and machinery, in nated soil to surface toosal at an approved Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re-	icy for the use of these chemicals. arbons such as diesel or oil spills. All ed containers or storage boxes in the mmediate response will be undertaken waters. waste facility. No Low Low anking

Proposed management controls	Any excess RC drill cuttings will be removed from the site and disposed off site appropriately if they cannot
	be put back down the hole.
	Standard exhaust systems are required for all diesel powered equipment.
	All general waste will be contained in large heavy-duty bags and removed from site immediately and
	disposed of at the local land-fill site.
	Diesel stored only in truck tanks. All chemicals and hydrocarbons will be stored and transported in sealed containers or storage boxes in the vehicles.
	All chemicals used are biodegradable and approved for drilling. No dangerous chemicals will be used on site.
	Appropriate chemical spill kits / oil matting will be available on site for use with hydrocarbons such as diesel
	or oil spills and any waste will be disposed of in the nearest appropriate waste facility.
	The drilling contractor will have safety data sheets for all chemicals and hydrocarbons used on site, as well as
	safe work method statements as part of the contractor's OH&S policy for the use of these chemicals.
	An approved spill kit/oil matting will be on site for use with hydrocarbons such as diesel or oil spills. All
	chemicals and hydrocarbons will be stored and transported in sealed containers or storage boxes in the
	vehicles.
	Should a spillage of fuel or oil occur from vehicles and machinery, immediate response will be undertaken to
	ensure there is no residual transfer of contaminated soil to surface waters.
	Any contaminated soil will be removed for disposal at an approved waste facility.

Duration	3		
Application ranking	Low Adverse		
What is the confidence in predicting	High	Are further	No
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Low
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification for r	anking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Wastes & Emissions: Impacts on groundwater re	echarge areas or are	eas with high water table.
Potential impacts	Use of fuel and oil in drill rig, earthmoving equip	oment and support	vehicles may potentially result in localised
	impact if spillage occurs.		
Proposed management controls	Any excess RC drill cuttings will be removed from	m the site and dispo	osed off site appropriately if they cannot
	be put back down the hole.		
	Standard exhaust systems are required for all di	iesel powered equip	oment.
	All general waste will be contained in large heav		
	disposed of at the local land-fill site.		
	Diesel stored only in truck tanks. All chemicals a	and hydrocarbons w	ill be stored and transported in sealed
	containers or storage boxes in the vehicles.		
	All chemicals used are biodegradable and appro	oved for drilling. No	dangerous chemicals will be used on site.
	Appropriate chemical spill kits / oil matting will	be available on site	for use with hydrocarbons such as diesel
	or oil spills and any waste will be disposed of in		
	The drilling contractor will have safety data she	ets for all chemicals	and hydrocarbons used on site, as well as
	safe work method statements as part of the cor	ntractor's OH&S pol	icy for the use of these chemicals.
	An approved spill kit/oil matting will be on site t	for use with hydroc	arbons such as diesel or oil spills. All
	chemicals and hydrocarbons will be stored and	transported in seale	ed containers or storage boxes in the
	vehicles.		-
	Should a spillage of fuel or oil occur from vehicle	es and machinery, i	mmediate response will be undertaken to
	ensure there is no residual transfer of contamin	ated soil to surface	waters.
	Any contaminated soil will be removed for dispe	osal at an approved	waste facility.
			,
Duration	3		
Application ranking	Low Adverse		
What is the confidence in predicting	High	Are further	No
impacts?		studies	
		required on	

Can the impacts be mitigated?	Fully	Justification for r	anking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Wastes and Emissions: Impacts on coastlines or landforms.	dunes, alpine areas	s, karst features or other unique
Potential impacts	N/A		
Proposed management controls	N/A		
Duration	N/A		
Application ranking	N/A	1	T
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
How resilient is the environment to	N/A	mitigation? What is the	
cope with impacts?		level of public	
cope with impacts.		concern?	
Can the impacts be reversed?	N/A	Ranking of	N/A
can the impacts be reversed.		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for r	anking
Do the operations comply with	N/A		2
standards, plans, policies?			
Criteria	Wastes & Emissions: Impacts on erosion prone	areas, areas with slo	opes of greater than 18 degrees.
Potential impacts	N/A		-
Proposed management controls	N/A		
Duration	N/A		
Application ranking	N/A		
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	N/A
		potential significance	
Can the impacts be mitigated?	N/A	Justification for r	anking
Do the operations comply with	N/A	Justification for f	anking
standards, plans, policies?			
Criteria	Wastes & Emissions: Impacts on subsidence or	slip areas.	
Potential impacts	The locality is not prone to land slips or subside		
Proposed management controls	NA		
Duration	3		
Application ranking	Low Adverse		
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	
		potential	
	1	significance	
Can the impacts be mitigated?	N/A	Justification for r	anking
Do the operations comply with	N/A No	Justification for r	anking
Do the operations comply with standards, plans, policies?	No		
Do the operations comply with			
Do the operations comply with standards, plans, policies? Criteria	No		
Do the operations comply with standards, plans, policies?	No Wastes & Emissions: Impacts on areas with acid		
Do the operations comply with standards, plans, policies? Criteria Potential impacts	No Wastes & Emissions: Impacts on areas with acid NA		

What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	Low
•••••	,	potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for ra	anking
Do the operations comply with	No	Justinication for it	5
standards, plans, policies?			
Criteria	Wastes & Emissions: Impacts on areas with salir	l nity or notential sali	nity problems
		inty of potential sail	nity problems.
Potential impacts	NA		
Proposed management controls	NA		
Duration	NA		
Application ranking			r
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for ra	anking
Do the operations comply with		Justification for to	
	No		
standards, plans, policies?		 	red to ed
Criteria	Wastes & Emissions: Impacts on areas with deg	raded or contamina	ted land.
Potential impacts	NA		
Proposed management controls	NA		
Duration	3		
Application ranking	Negligible		
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		required on impacts or	
		impacts or	
How resilient is the environment to	N/A	impacts or mitigation?	N/A
How resilient is the environment to	N/A	impacts or mitigation? What is the	N/A
How resilient is the environment to cope with impacts?	N/A	impacts or mitigation? What is the level of public	N/A
cope with impacts?		impacts or mitigation? What is the level of public concern?	N/A
	N/A N/A	impacts or mitigation? What is the level of public concern? Ranking of	N/A
cope with impacts?		impacts or mitigation? What is the level of public concern? Ranking of potential	N/A
cope with impacts? Can the impacts be reversed?	N/A	impacts or mitigation? What is the level of public concern? Ranking of potential significance	
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated?	N/A N/A	impacts or mitigation? What is the level of public concern? Ranking of potential	
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	N/A	impacts or mitigation? What is the level of public concern? Ranking of potential significance	
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	N/A N/A No	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra	anking
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	N/A N/A No Wastes & Emissions: Impacts on areas with deg	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra	anking
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A N/A No Wastes & Emissions: Impacts on areas with deg NA	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra	anking
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	N/A N/A No Wastes & Emissions: Impacts on areas with deg NA NA	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra	anking
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A N/A No Wastes & Emissions: Impacts on areas with deg NA	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra	anking
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls	N/A N/A No Wastes & Emissions: Impacts on areas with deg NA NA	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra	anking
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration	N/A N/A No Wastes & Emissions: Impacts on areas with deg NA NA 3	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra	anking
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	N/A N/A No Wastes & Emissions: Impacts on areas with deg NA NA 3 Negligible	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra raded or contamina	anking ted water (ground or surface).
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	N/A N/A No Wastes & Emissions: Impacts on areas with deg NA NA 3 Negligible	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra raded or contamina	anking ted water (ground or surface).
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	N/A N/A No Wastes & Emissions: Impacts on areas with deg NA NA 3 Negligible	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra raded or contamina	anking ted water (ground or surface).
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	N/A N/A No Wastes & Emissions: Impacts on areas with deg NA NA 3 Negligible	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra raded or contamina Are further studies required on impacts or	anking ted water (ground or surface).
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	N/A N/A No Wastes & Emissions: Impacts on areas with deg NA NA 3 Negligible N/A	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra raded or contamina Are further studies required on impacts or mitigation?	anking ted water (ground or surface).
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Do the operations comply with	No		
standards, plans, policies? Criteria	Vegetation: Any clearing or modification of vege	l etation (including in	npacts on wildlife corridors, remnant
	vegetation & habitat for species of conservation		
Potential impacts	The rehabilitation works and drill sites have bee		cess routes determined in consultation
·	with landholders to mininise surface disturbanc		
	exploration tracks. The diamond holes will be si	ted on existing drill	pads.
	The critically endangered Plant Community Type		
	that exists in part of the project area will not be	impacted because	no additional clearing is required.
Proposed management controls	To protect the Monaro Tableland Cool Tempera	·	· · · ·
	excluded from any further clearing and explorat		
	two PCTs found on site should be used in reveg		,
	plan prepared in relation to the clearing and dis and/or future works should the suspension noti		
	prepared to control and prevent further spread		
	major threat to natural temperate grassland an		_
	Woodland CEEC, which is represented on site.		
Duration	3		
Application ranking	Moderate Adverse		
What is the confidence in predicting	Medium	Are further	No
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Medium
cope with impacts?		level of public	
0		concern?	111.1.
Can the impacts be reversed?	Yes	Ranking of	High
		potential	
Can the impacts he mitigated?	Fully	significance Justification for ra	anking
Can the impacts be mitigated? Do the operations comply with	Yes		ncludes a small stand of the Monaro
standards, plans, policies?	163		mperate Grassy Woodland in the South
standards) plans, pondes.			Bioregion (MTCTGW) critically
		-	ogical community (CEEC) listed under the
		BC Act.	
Criteria			
Citteria	Threatened Fauna Species: Any adverse effect of	on the life cycle of a	ny threatened species such that a viable
	local population of the species is likely to be pla	ced at risk of extinc	tion.
Potential impacts	local population of the species is likely to be pla The proposed rehabilitation works and drilling	ced at risk of extinc program will not im	tion. pact any potential habitat of vulnerable
	local population of the species is likely to be pla The proposed rehabilitation works and drilling species that may use the area because no addit	ced at risk of extinc program will not im	tion. pact any potential habitat of vulnerable
	local population of the species is likely to be pla The proposed rehabilitation works and drilling species that may use the area because no addit any water courses and will therefore not	ced at risk of extinc program will not im	tion. pact any potential habitat of vulnerable
Potential impacts	local population of the species is likely to be pla The proposed rehabilitation works and drilling species that may use the area because no addit any water courses and will therefore not impact threatened aquatic species.	ced at risk of extinc program will not im ional clearing is req	tion. pact any potential habitat of vulnerable uired. The drilling program will not impa
	local population of the species is likely to be pla The proposed rehabilitation works and drilling species that may use the area because no addit any water courses and will therefore not impact threatened aquatic species. Suitable hollow-bearing limbs/branches that are	ced at risk of extinc program will not im ional clearing is req e present within the	tion. pact any potential habitat of vulnerable uired. The drilling program will not impa felled trees that have been stockpiled
Potential impacts	local population of the species is likely to be pla The proposed rehabilitation works and drilling species that may use the area because no addit any water courses and will therefore not impact threatened aquatic species. Suitable hollow-bearing limbs/branches that are adjacent to the exploration pads should be colle	ced at risk of extinc program will not im ional clearing is req e present within the ected and salvaged.	tion. pact any potential habitat of vulnerable uired. The drilling program will not impa felled trees that have been stockpiled These should be:
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Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	local population of the species is likely to be pla The proposed rehabilitation works and drilling species that may use the area because no addit any water courses and will therefore not impact threatened aquatic species. Suitable hollow-bearing limbs/branches that are adjacent to the exploration pads should be colle o modified (if needed) to be suitable for occupa o erected within those part of the mining lease • these should be placed in those trees present not exposed to storm events (generally the nort o monitored at biannual intervals for a period o o Replaced or repaired if damaged or occupied A minimum of 10 purpose-built habitat boxes su small arboreal mammals/birds should be erected to be cleared in the future: o These boxes should be included in the three-y o Any boxes damaged or occupied by exotic spece 3 Low Adverse High	ced at risk of extinc program will not im ional clearing is required e present within the ected and salvaged. tion by hollow-deparea that are not to at a height of 4 m to the to north-west sid f three years. by exotic species (su uitable for occupation d within those port ear monitored peri- icies should be repared Are further studies required on impacts or mitigation?	tion. pact any potential habitat of vulnerable uired. The drilling program will not impa- e felled trees that have been stockpiled These should be: endent native fauna be cleared in the future o 5 m and on the side of the plant that is e) uch as European Bees). on by hollow-dependent microbats and ions of the mining lease area that are no od. ired or replaced.
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	local population of the species is likely to be pla The proposed rehabilitation works and drilling species that may use the area because no addit any water courses and will therefore not impact threatened aquatic species. Suitable hollow-bearing limbs/branches that are adjacent to the exploration pads should be colle o modified (if needed) to be suitable for occupa o erected within those part of the mining lease • these should be placed in those trees present not exposed to storm events (generally the nort o monitored at biannual intervals for a period o o Replaced or repaired if damaged or occupied A minimum of 10 purpose-built habitat boxes su small arboreal mammals/birds should be erected to be cleared in the future: o These boxes should be included in the three-y o Any boxes damaged or occupied by exotic spece 3 Low Adverse High	ced at risk of extinc program will not im ional clearing is required and salvaged. tion by hollow-deparea that are not to at a height of 4 m to the north-west sid f three years. by exotic species (su uitable for occupation d within those port ear monitored peri- cies should be repared Are further studies required on impacts or mitigation? What is the	tion. pact any potential habitat of vulnerable uired. The drilling program will not impa e felled trees that have been stockpiled These should be: endent native fauna be cleared in the future o 5 m and on the side of the plant that is e) uch as European Bees). on by hollow-dependent microbats and ions of the mining lease area that are no od. ired or replaced.
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	local population of the species is likely to be pla The proposed rehabilitation works and drilling species that may use the area because no addit any water courses and will therefore not impact threatened aquatic species. Suitable hollow-bearing limbs/branches that are adjacent to the exploration pads should be colle o modified (if needed) to be suitable for occupa o erected within those part of the mining lease • these should be placed in those trees present not exposed to storm events (generally the nort o monitored at biannual intervals for a period o o Replaced or repaired if damaged or occupied A minimum of 10 purpose-built habitat boxes su small arboreal mammals/birds should be erected to be cleared in the future: o These boxes should be included in the three-y o Any boxes damaged or occupied by exotic spece 3 Low Adverse High	ced at risk of extinc program will not im ional clearing is required and salvaged. tion by hollow-deparea that are not to at a height of 4 m to the north-west sid f three years. by exotic species (su uitable for occupation d within those port ear monitored peri- icies should be repared Are further studies required on impacts or mitigation? What is the level of public	tion. pact any potential habitat of vulnerable uired. The drilling program will not impa e felled trees that have been stockpiled These should be: endent native fauna be cleared in the future o 5 m and on the side of the plant that is e) uch as European Bees). on by hollow-dependent microbats and ions of the mining lease area that are no od. ired or replaced.
Potential impacts Proposed management controls  Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	local population of the species is likely to be pla         The proposed rehabilitation works and drilling species that may use the area because no addit any water courses and will therefore not impact threatened aquatic species.         Suitable hollow-bearing limbs/branches that are adjacent to the exploration pads should be colle o modified (if needed) to be suitable for occupa o erected within those part of the mining lease         • these should be placed in those trees present not exposed to storm events (generally the norm o monitored at biannual intervals for a period o o Replaced or repaired if damaged or occupied A minimum of 10 purpose-built habitat boxes su small arboreal mammals/birds should be erected to be cleared in the future:         0 These boxes should be included in the three-yo any boxes damaged or occupied by exotic species.         3         Low Adverse         High	ced at risk of extinc program will not im ional clearing is required and salvaged. tion by hollow-deparea that are not to at a height of 4 m to the north-west sid f three years. by exotic species (su iitable for occupation d within those port ear monitored peri- icies should be repared Are further studies required on impacts or mitigation? What is the level of public concern?	tion. pact any potential habitat of vulnerable uired. The drilling program will not impa- e felled trees that have been stockpiled These should be: endent native fauna be cleared in the future o 5 m and on the side of the plant that is e) uch as European Bees). on by hollow-dependent microbats and ions of the mining lease area that are no od. ired or replaced. No Medium
Potential impacts Proposed management controls  Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	local population of the species is likely to be pla         The proposed rehabilitation works and drilling species that may use the area because no addit any water courses and will therefore not impact threatened aquatic species.         Suitable hollow-bearing limbs/branches that are adjacent to the exploration pads should be colle o modified (if needed) to be suitable for occupa o erected within those part of the mining lease         • these should be placed in those trees present not exposed to storm events (generally the norm o monitored at biannual intervals for a period o o Replaced or repaired if damaged or occupied A minimum of 10 purpose-built habitat boxes su small arboreal mammals/birds should be erected to be cleared in the future:         0 These boxes should be included in the three-yo any boxes damaged or occupied by exotic species.         3         Low Adverse         High	ced at risk of extinc program will not im ional clearing is required and salvaged. tion by hollow-depares area that are not to at a height of 4 m to the north-west sid f three years. by exotic species (su iitable for occupation d within those port ear monitored perio- cices should be repared Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of	tion. pact any potential habitat of vulnerable uired. The drilling program will not impa e felled trees that have been stockpiled These should be: endent native fauna be cleared in the future o 5 m and on the side of the plant that is e) uch as European Bees). on by hollow-dependent microbats and ions of the mining lease area that are no od. ired or replaced. No Medium

Do the operations comply with	Yes	The locality is of s	ignificant importance as a woodland
standards, plans, policies?		refuge within a la	rge area of naturally treeless plains. The
		site could be used	l on occasion by highly mobile fauna
		species such as bi	rds and bats, or used seasonally by other
		more cryptic spec	ies.
Criteria	Threatened Flora Species: Any adverse effect or		· · · · · · · · · · · · · · · · · · ·
	local population of the species is likely to be pla		
Potential impacts	The proposed rehabilitation works and drilling		
	species that may use the area because no addit	- ·	
Due a construction of the la	any water courses and will therefore not impact		
Proposed management controls	Suitable hollow-bearing limbs/branches that are adjacent to the exploration pads should be colle		-
	o modified (if needed) to be suitable for occupa	0	
	o erected within those part of the mining lease		
	<ul> <li>these should be placed in those trees present</li> </ul>		
	not exposed to storm events (generally the nor	-	-
	o monitored at biannual intervals for a period o	f three years.	
	o Replaced or repaired if damaged or occupied	by exotic species (su	uch as European Bees).
	A minimum of 10 purpose-built habitat boxes su		
	small arboreal mammals/birds should be erected	d within those port	ions of the mining lease area that are no
	to be cleared in the future:		
	o These boxes should be included in the three-y		
	o Any boxes damaged or occupied by exotic spe	cies should be repa	ired or replaced.
Duration	3		
Application ranking	Low Adverse		
What is the confidence in predicting	High	Are further	No
impacts?	5	studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Medium
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Medium
		potential	
	- U	significance	
Can the impacts be mitigated?	Fully Yes	Justification for ra	anking ignificant importance as a woodland
Do the operations comply with standards, plans, policies?	res		rge area of naturally treeless plains.
Criteria	Areas of outstanding biodiversity value/Critical		
	biodiversity value under the Biodiversity Conser		
	Fisheries Management Act 1994.		
Potential impacts	The project area covers two Plant Community T	vpes: PCT3341 - Mc	naro-Gourock Frost Hollow Grassy
·	Woodland	, , , , , , , , , , , , , , , , , , ,	,
	PCT3741 - Monaro Mountains Peppermint Shru	b Forest. PCT3341 i	s listed as a Critically endangered
	ecological community. There will be no impact of	on the PCT because	there will be no additional clearing.
Proposed management controls	Accoss to the site and use of an site access track	انبيناه معطم مناا	be under the direction of the landholde
Proposed management controls	Access to the site and use of on site access that	ks and unii paus wiii	
rioposed management controls	and precautions will be taken to ensure that vel	nicular movements	are restricted to cleared or existing track
rioposeu management controis	and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mo	nicular movements	are restricted to cleared or existing track
Duration	and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mc 3	nicular movements	are restricted to cleared or existing track
Duration Application ranking	and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mo 3 Negligible	nicular movements bbile, fire extinguish	are restricted to cleared or existing track ers and a minimum of 15L of water.
Duration Application ranking What is the confidence in predicting	and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mc 3	nicular movements bbile, fire extinguish Are further	are restricted to cleared or existing track
Duration Application ranking	and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mo 3 Negligible	hicular movements obile, fire extinguish Are further studies	are restricted to cleared or existing track ers and a minimum of 15L of water.
Duration Application ranking What is the confidence in predicting	and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mo 3 Negligible	nicular movements obile, fire extinguish Are further studies required on	are restricted to cleared or existing track ers and a minimum of 15L of water.
Duration Application ranking What is the confidence in predicting	and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mo 3 Negligible	hicular movements obile, fire extinguish Are further studies required on impacts or	are restricted to cleared or existing track ers and a minimum of 15L of water.
Duration Application ranking What is the confidence in predicting impacts?	and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mo 3 Negligible High	hicular movements obile, fire extinguish Are further studies required on impacts or mitigation?	are restricted to cleared or existing track ers and a minimum of 15L of water. No
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mo 3 Negligible	hicular movements bbile, fire extinguish Are further studies required on impacts or mitigation? What is the	are restricted to cleared or existing track ers and a minimum of 15L of water.
Duration Application ranking What is the confidence in predicting impacts?	and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mo 3 Negligible High	hicular movements obile, fire extinguish Are further studies required on impacts or mitigation? What is the level of public	are restricted to cleared or existing track ers and a minimum of 15L of water. No
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mo 3 Negligible High Medium Resilience	Are further studies required on impacts or mitigation? What is the level of public concern?	are restricted to cleared or existing track ers and a minimum of 15L of water. No Medium
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mo 3 Negligible High	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of	are restricted to cleared or existing track ers and a minimum of 15L of water. No
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mo 3 Negligible High Medium Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	are restricted to cleared or existing track ers and a minimum of 15L of water. No Medium
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mo 3 Negligible High Medium Resilience Yes	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	are restricted to cleared or existing track ers and a minimum of 15L of water. No Medium Medium
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated?	and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mo 3 Negligible High Medium Resilience Yes Fully	hicular movements obile, fire extinguish Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re	are restricted to cleared or existing track ers and a minimum of 15L of water. No Medium Medium
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mo 3 Negligible High Medium Resilience Yes	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra The locality is of s	are restricted to cleared or existing track ers and a minimum of 15L of water. No Medium Medium anking ignificant importance as a woodland
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated?	and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mo 3 Negligible High Medium Resilience Yes Fully	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra The locality is of s refuge within a la	are restricted to cleared or existing track ers and a minimum of 15L of water. No Medium Medium anking ignificant importance as a woodland rge area of naturally treeless plains. The
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mo 3 Negligible High Medium Resilience Yes Fully	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra The locality is of s refuge within a la site could be used	are restricted to cleared or existing track ers and a minimum of 15L of water. No Medium Medium anking ignificant importance as a woodland

Criteria	Endangered ecological community or critically is likely to have an adverse effect on t occurrence is likely to be placed at risk of extin modify the composition of the ecological comm risk of extinction.	he extent of the ecol action, or 2 munity such that its l	logical community such that its local is likely to substantially and adversely ocal occurrence is likely to be placed at
Potential impacts	The project area includes the Plant Community Woodland. This PCT is part of the the Monaro eastern Highlands Bioregion (MTCTGW) critica BC Act.	Tableland Cool Temp	perate Grassy Woodland in the South-
Proposed management controls	To protect the Monaro Tableland Cool Temper excluded from any further clearing and explore		d CEEC, this portion of the site should be
	No additional clearing is required for the prope all works must be conducted on existing cleare		ns and procedures will clearly state that
	Locally occurring native plant species typical of the site that would ensure from any remediati associated with the exploration drilling hole sit	on plan prepared in i	relation to the clearing and disturbance
	A weed management plan should be prepared weed of national significance and a major thre Monaro Tableland Cool Temperate Grassy Wo	at to natural temper	ate grassland and the BC Act listed
Duration	3		
Application ranking	Negligible		
What is the confidence in predicting	Medium	Are further	No
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Medium
cope with impacts?		level of public concern?	
Can the impacts be reversed?	Uncertain	Ranking of	High
can the impacts be reversed:	oncertain	potential	i iigii
		significance	
Can the impacts be mitigated?	Partly	Justification for r	anking
Do the operations comply with	Yes		includes a small stand of the Monaro
standards, plans, policies?			emperate Grassy Woodland in the South-
		eastern Highlands	s Bioregion (MTCTGW) critically
		endangered ecolo	ogical community (CEEC) listed under the
		BC Act.	
Criteria	Habitat of a threatened species or ecological c	ommunity	
Potential impacts	The project area includes the Plant Community Woodland. This PCT is part of the the Monaro eastern Highlands Bioregion (MTCTGW) critica BC Act.	Tableland Cool Temp	perate Grassy Woodland in the South-

Proposed management controls	No additional clearing is required for the proposall works must be conducted on existing cleared. To protect the Monaro Tableland Cool Temperates excluded from any further clearing and explorate to Locally occurring native plant species typical coord the site that would ensure from any remedia associated with the exploration drilling hole site. A weed management plan should be prepared weed of national significance and a major threat Monaro Tableland Cool Temperate Grassy Woo Suitable hollow-bearing limbs/branches that are adjacent to the exploration pads should be colled or modified (if needed) to be suitable for occupation or exposed to storm events (generally the northor of monitored at biannual intervals for a period or o Replaced or repaired if damaged or occupied A minimum of 10 purpose-built habitat boxes su small arboreal mammals/birds should be erected to be cleared in the future: o Any boxes damaged or occupied by exotic specific to the future in the future of the future is present in the future of the future is posed to store should be erected to be cleared in the future is the should be included in the three-yo of the future is posed for occupied or occupied by exotic specific to be cleared in the future is the should be included in the three-yo of the future is the should be included in the three-yo of the substant and the provide of the future is the should be included in the three-yo of the substant and the occupied by exotic specific to be cleared in the future is the substant and the provide of the future is the substant and the provide of the future is the substant and the future is the substant and the provide of the future is the substant and the provide of the future is the substant and the provide of the future is the substant and the provide of the future is the substant and the provide of the substa	d areas. the Grassy Woodlan tion. If the two PCTs four tion plan prepared as and/or future wo d to control and pre- t to natural temper dland CEEC, which i e present within the ected and salvaged. tion by hollow-dep- area that are not to at a height of 4 m to th to north-west sid f three years. by exotic species (si- uitable for occupati- ted within those port year monitored peri	d CEEC, this portion of the site should be nd on site should be used in revegetation in relation to the clearing and disturbance rks should the suspension notice be lifted. vent further spread of Serrated Tussock, a ate grassland and the BC Act listed is represented on site. e felled trees that have been stockpiled These should be: endent native fauna be cleared in the future o 5 m and on the side of the plant that is e) uch as European Bees). on by hollow-dependent microbats and ions of the mining lease area that are not od.
Duration	2		
Duration Application ranking	3 Negligible		
What is the confidence in predicting	High	Are further	No
impacts?		studies required on impacts or mitigation?	
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Medium
Can the impacts be reversed?	Yes	Ranking of potential significance	High
Can the impacts be mitigated?	Fully	Justification for r	anking
Do the operations comply with standards, plans, policies?	Yes	PCT3341 - Monar This PCT is part of Temperate Grass Highlands Bioregi	ncludes the Plant Community Type: o-Gourock Frost Hollow Grassy Woodland. f the the Monaro Tableland Cool y Woodland in the South-eastern on (MTCTGW) critically endangered unity (CEEC) listed under the BC Act.
Criteria	Habitat of protected aquatic species or those w		
Potential impacts	NA		
Proposed management controls	NA		
Duration	3		
Application ranking What is the confidence in predicting impacts?	N/A	Are further studies required on impacts or mitigation?	N/A
How resilient is the environment to cope with impacts?	N/A	What is the level of public concern?	N/A
Can the impacts be reversed?	N/A	Ranking of potential significance	Low
Can the impacts be mitigated?	N/A	Justification for r	anking
Do the operations comply with standards, plans, policies?	No		
Criteria	Key Threatening Processes: As outlined in Scheo alteration, removal, clearly or degradation of ha c. removal of dead wood and dead trees d. inv	abitat and native ve	getation b. loss of hollow bearing trees

Potential impacts	The following KTPs are relevant to the activity a	rea:	
	The clearing of native vegetation Bushrock removal		
	Loss of hollow bearing trees		
	Removal of dead wood and dead trees		
Proposed management controls	The activity will not impacts on the KTPs above	as no further surfac	e disturbing or vegetation clearing has
roposed management controls	been approved.		
Duration	3		
Application ranking	Low Adverse		
What is the confidence in predicting	High	Are further	No
impacts?		studies	
		required on	
		impacts or	
How resilient is the environment to	Medium Resilience	mitigation? What is the	Low
cope with impacts?	Wedidin Resilience	level of public	LOW
cope with impacts:		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	2011
		significance	
Can the impacts be mitigated?	Fully	Justification for ra	anking
Do the operations comply with	Yes		-
standards, plans, policies?			
Criteria	Barriers to movement of fauna: Any potential to	• • •	e or disturb fauna (including fauna of
	conservation significance) or create a barrier to		
Potential impacts	Access tracks may generate a minor and tempo		
Proposed management controls	All drill pads will be rehabilitated. Access tracks	will be retained at t	the Landholders request.
Duration	-		
Application ranking What is the confidence in predicting	Low Adverse	Are further	No
impacts?	High	studies	NO
inpacts:		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Low
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification for ra	anking
Do the operations comply with standards, plans, policies?	Yes		
stanuarus, pians, policies:			
Criteria	Ecological & Riosecurity Impacts: Any threat to	the hiological divers	ity or ecological integrity of an ecological
Criteria	Ecological & Biosecurity Impacts: Any threat to community.	the biological divers	ity or ecological integrity of an ecological
	community.		
Criteria Potential impacts		refuge within a larg	e area of naturally treeless plains is a risk
	community. The disturbance of an important as a woodland	refuge within a larg	e area of naturally treeless plains is a risk
	community. The disturbance of an important as a woodland to biodiversity that use the site. Clearing of por	refuge within a larg	ge area of naturally treeless plains is a risk ea places a risk on the biological divsersit
Potential impacts	community. The disturbance of an important as a woodland to biodiversity that use the site. Clearing of port of the locality. Access to the site and use of on site access track and precautions will be taken to ensure that vel	refuge within a larg tions of the small ar cs and drill pads will nicular movements	ge area of naturally treeless plains is a risk ea places a risk on the biological divsersit be under the direction of the landholder are restricted to cleared or existing tracks
Potential impacts Proposed management controls	<ul> <li>community.</li> <li>The disturbance of an important as a woodland to biodiversity that use the site. Clearing of port of the locality.</li> <li>Access to the site and use of on site access tract and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/model</li> </ul>	refuge within a larg tions of the small ar cs and drill pads will nicular movements	ge area of naturally treeless plains is a risk ea places a risk on the biological divsersit be under the direction of the landholder are restricted to cleared or existing tracks
Potential impacts Proposed management controls Duration	<ul> <li>community.</li> <li>The disturbance of an important as a woodland to biodiversity that use the site. Clearing of port of the locality.</li> <li>Access to the site and use of on site access track and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mc 3</li> </ul>	refuge within a larg tions of the small ar cs and drill pads will nicular movements	ge area of naturally treeless plains is a risk ea places a risk on the biological divsersit be under the direction of the landholder are restricted to cleared or existing tracks
Potential impacts Proposed management controls Duration Application ranking	community.         The disturbance of an important as a woodland to biodiversity that use the site. Clearing of port of the locality.         Access to the site and use of on site access track and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mc 3         Negligible	refuge within a larg tions of the small ar to and drill pads will nicular movements bbile, fire extinguish	ge area of naturally treeless plains is a risk ea places a risk on the biological divsersit be under the direction of the landholder are restricted to cleared or existing tracks ers and a minimum of 15L of water.
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	<ul> <li>community.</li> <li>The disturbance of an important as a woodland to biodiversity that use the site. Clearing of port of the locality.</li> <li>Access to the site and use of on site access track and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mc 3</li> </ul>	refuge within a larg tions of the small ar s and drill pads will nicular movements abile, fire extinguish Are further	ge area of naturally treeless plains is a risk ea places a risk on the biological divsersit be under the direction of the landholder are restricted to cleared or existing tracks
Potential impacts Proposed management controls Duration Application ranking	community.         The disturbance of an important as a woodland to biodiversity that use the site. Clearing of port of the locality.         Access to the site and use of on site access track and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mc 3         Negligible	refuge within a larg tions of the small ar s and drill pads will nicular movements obile, fire extinguish Are further studies	ge area of naturally treeless plains is a risk ea places a risk on the biological divsersit be under the direction of the landholder are restricted to cleared or existing tracks ers and a minimum of 15L of water.
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	community.         The disturbance of an important as a woodland to biodiversity that use the site. Clearing of port of the locality.         Access to the site and use of on site access track and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mc 3         Negligible	refuge within a larg tions of the small ar s and drill pads will nicular movements obile, fire extinguish Are further studies required on	ge area of naturally treeless plains is a risk ea places a risk on the biological divsersit be under the direction of the landholder are restricted to cleared or existing tracks ers and a minimum of 15L of water.
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	community.         The disturbance of an important as a woodland to biodiversity that use the site. Clearing of port of the locality.         Access to the site and use of on site access track and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mc 3         Negligible	refuge within a larg tions of the small ar to and drill pads will nicular movements obile, fire extinguish Are further studies required on impacts or	ge area of naturally treeless plains is a risk ea places a risk on the biological divsersit be under the direction of the landholder are restricted to cleared or existing tracks ers and a minimum of 15L of water.
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	community.         The disturbance of an important as a woodland to biodiversity that use the site. Clearing of port of the locality.         Access to the site and use of on site access track and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mc 3         Negligible         High	refuge within a larg tions of the small ar to and drill pads will nicular movements obile, fire extinguish Are further studies required on impacts or mitigation?	ge area of naturally treeless plains is a risk ea places a risk on the biological divsersit be under the direction of the landholder are restricted to cleared or existing tracks ers and a minimum of 15L of water.
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	community.         The disturbance of an important as a woodland to biodiversity that use the site. Clearing of port of the locality.         Access to the site and use of on site access track and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mc 3         Negligible	refuge within a large tions of the small ar to and drill pads will nicular movements obile, fire extinguish Are further studies required on impacts or mitigation? What is the	ge area of naturally treeless plains is a risk ea places a risk on the biological divsersit be under the direction of the landholder are restricted to cleared or existing tracks ers and a minimum of 15L of water.
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	community.         The disturbance of an important as a woodland to biodiversity that use the site. Clearing of port of the locality.         Access to the site and use of on site access track and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mc 3         Negligible         High	refuge within a large tions of the small ar to and drill pads will nicular movements obile, fire extinguish Are further studies required on impacts or mitigation? What is the level of public	ge area of naturally treeless plains is a risk ea places a risk on the biological divsersit be under the direction of the landholder are restricted to cleared or existing tracks ers and a minimum of 15L of water.
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	community.         The disturbance of an important as a woodland to biodiversity that use the site. Clearing of port of the locality.         Access to the site and use of on site access track and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mc         3         Negligible         High	refuge within a large tions of the small ar to and drill pads will nicular movements obile, fire extinguish Are further studies required on impacts or mitigation? What is the level of public concern?	ge area of naturally treeless plains is a risk ea places a risk on the biological divsersit be under the direction of the landholder are restricted to cleared or existing tracks ers and a minimum of 15L of water.
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	community.         The disturbance of an important as a woodland to biodiversity that use the site. Clearing of port of the locality.         Access to the site and use of on site access track and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mc 3         Negligible         High	refuge within a large tions of the small ar as and drill pads will nicular movements obile, fire extinguish Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of	ge area of naturally treeless plains is a risk ea places a risk on the biological divsersity be under the direction of the landholder are restricted to cleared or existing tracks ers and a minimum of 15L of water.
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	community.         The disturbance of an important as a woodland to biodiversity that use the site. Clearing of port of the locality.         Access to the site and use of on site access track and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mc         3         Negligible         High         Medium Resilience	refuge within a large tions of the small ar to and drill pads will nicular movements obile, fire extinguish Are further studies required on impacts or mitigation? What is the level of public concern?	ge area of naturally treeless plains is a risk ea places a risk on the biological divsersity be under the direction of the landholder are restricted to cleared or existing tracks ers and a minimum of 15L of water.

Do the operations comply with standards, plans, policies?	Yes	within a large are biodiversity that u	of an important as a woodland refuge a of naturally treeless plains is a risk to use the site. Clearing of portions of the a risk on the biological divsersity of the
Criteria	Ecological & Biosecurity Impacts: Creates a bios an area. Includes impacts from the introduction pests and diseases, d. animal diseases, e. no	ecurity risk or intro of: a. mobilisatio	n of pollutants b. animal pests, c. plan
Potential impacts	Biosecurity risks include the introduction of nox		<u> </u>
Proposed management controls	Access to the site and use of on site access track and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mo All three activities will take place on existing exp additional clearing. All work will be conducted w impact on the agricultural resources.	hicular movements obile, fire extinguish ploration tracks or f with the landholders	are restricted to cleared or existing tracks ers and a minimum of 15L of water. arm tracks and do not require any s approval and will have a negligible
	Vehicles will be cleaned before use on site and project areas to ensure that there is no adherin weeds either to or from the project areas.		
Duration	3		
Application ranking	Negligible		
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Low
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification for r	anking
Do the operations comply with	Yes		0
standards, plans, policies?			
Criteria	Ecological & Biosecurity Impacts: Likely to cause	e a significant bushf	ire risk.
Potential impacts	Very low possibility of fire starting in dry grass.		
Proposed management controls	Access to the site and use of on site access track and precautions will be taken to ensure that vel All vehicles will be equipped with UHF radio/mo	hicular movements	are restricted to cleared or existing tracks
Duration	3	, 0	
Application ranking	Negligible		
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Low
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification for ra	anking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Community Resources: Any degradation of infra and infrastructure resources.	astructure or signific	cant increase in the demand for services
Potential impacts	NA		
Proposed management controls	NA		
Duration	3		
Application ranking			
What is the confidence in predicting impacts?	N/A	Are further studies required on impacts or	N/A
		mitigation?	

	1		
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for ra	anking
	· ·	Justification for th	anking
Do the operations comply with	No		
standards, plans, policies?			
Criteria	Community Resources: Any diversion of resource	ces to the detriment	t of other communities or natural syster
Potential impacts	NA		
Proposed management controls	NA		
Duration	3		
	3		
Application ranking		A (	21/2
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
cope with impacts:			
<b>0</b>	21/2	concern?	
Can the impacts be reversed?	N/A	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for ra	anking
Do the operations comply with	No		
standards, plans, policies?			
Criteria	Natural Resources: Any disruption, depletion or	destruction of natu	iral resources
Citteria			
			hance of the ground surface
•	Rehabilitation works and drilling will cause tem		
•	At the completion of drilling, the drill pads will h		
Potential impacts Proposed management controls			
Potential impacts Proposed management controls	At the completion of drilling, the drill pads will be eroding surface. The access tracks will	pe ripped / re-shape	ed and rehabilitated to form a stable, no
•	At the completion of drilling, the drill pads will be eroding surface. The access tracks will be graded if required to ensure that they are sta	pe ripped / re-shape	ed and rehabilitated to form a stable, no
Proposed management controls	At the completion of drilling, the drill pads will be eroding surface. The access tracks will be graded if required to ensure that they are sta control erosion as required.	pe ripped / re-shape	ed and rehabilitated to form a stable, no
Proposed management controls Duration	At the completion of drilling, the drill pads will be eroding surface. The access tracks will be graded if required to ensure that they are state control erosion as required.	pe ripped / re-shape	ed and rehabilitated to form a stable, no
Proposed management controls Duration Application ranking	At the completion of drilling, the drill pads will be eroding surface. The access tracks will be graded if required to ensure that they are sta control erosion as required. 3 Negligible	pe ripped / re-shape able and not prone	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to
Proposed management controls Duration Application ranking What is the confidence in predicting	At the completion of drilling, the drill pads will be eroding surface. The access tracks will be graded if required to ensure that they are state control erosion as required.	pe ripped / re-shape able and not prone Are further	ed and rehabilitated to form a stable, no
Proposed management controls Duration Application ranking	At the completion of drilling, the drill pads will be eroding surface. The access tracks will be graded if required to ensure that they are sta control erosion as required. 3 Negligible	pe ripped / re-shape able and not prone	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to
Proposed management controls Duration Application ranking What is the confidence in predicting	At the completion of drilling, the drill pads will be eroding surface. The access tracks will be graded if required to ensure that they are sta control erosion as required. 3 Negligible	pe ripped / re-shape able and not prone Are further	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to
Proposed management controls Duration Application ranking What is the confidence in predicting	At the completion of drilling, the drill pads will be eroding surface. The access tracks will be graded if required to ensure that they are sta control erosion as required. 3 Negligible	be ripped / re-shape able and not prone Are further studies	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to
Proposed management controls Duration Application ranking What is the confidence in predicting	At the completion of drilling, the drill pads will be eroding surface. The access tracks will be graded if required to ensure that they are sta control erosion as required. 3 Negligible	be ripped / re-shape able and not prone Are further studies required on impacts or	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to
Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	At the completion of drilling, the drill pads will h eroding surface. The access tracks will be graded if required to ensure that they are sta control erosion as required. 3 Negligible High	De ripped / re-shape able and not prone Are further studies required on impacts or mitigation?	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to No
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	At the completion of drilling, the drill pads will be eroding surface. The access tracks will be graded if required to ensure that they are sta control erosion as required. 3 Negligible	Are further studies required on impacts or mitigation? What is the	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to
Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	At the completion of drilling, the drill pads will h eroding surface. The access tracks will be graded if required to ensure that they are sta control erosion as required. 3 Negligible High	Are further studies required on impacts or mitigation? What is the level of public	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to No
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	At the completion of drilling, the drill pads will h eroding surface. The access tracks will be graded if required to ensure that they are sta control erosion as required. 3 Negligible High	Are further studies required on impacts or mitigation? What is the level of public concern?	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to No
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	At the completion of drilling, the drill pads will h eroding surface. The access tracks will be graded if required to ensure that they are sta control erosion as required. 3 Negligible High	Are further studies required on impacts or mitigation? What is the level of public	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to No
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	At the completion of drilling, the drill pads will be eroding surface. The access tracks will be graded if required to ensure that they are sta control erosion as required. 3 Negligible High Medium Resilience	Are further studies required on impacts or mitigation? What is the level of public concern?	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to No
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	At the completion of drilling, the drill pads will be eroding surface. The access tracks will be graded if required to ensure that they are sta control erosion as required. 3 Negligible High Medium Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to No
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	At the completion of drilling, the drill pads will h eroding surface. The access tracks will be graded if required to ensure that they are sta control erosion as required. 3 Negligible High Medium Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to No Low
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated?	At the completion of drilling, the drill pads will heroding surface. The access tracks will be graded if required to ensure that they are state control erosion as required.         3         Negligible         High         Medium Resilience         Yes         Fully	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to No Low
Proposed management controls           Duration           Application ranking           What is the confidence in predicting impacts?           How resilient is the environment to cope with impacts?           Can the impacts be reversed?           Can the impacts be mitigated?           Do the operations comply with	At the completion of drilling, the drill pads will h eroding surface. The access tracks will be graded if required to ensure that they are sta control erosion as required. 3 Negligible High Medium Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to No Low
Proposed management controls           Duration           Application ranking           What is the confidence in predicting impacts?           How resilient is the environment to cope with impacts?           Can the impacts be reversed?           Can the impacts be mitigated?           Do the operations comply with standards, plans, policies?	At the completion of drilling, the drill pads will heroding surface. The access tracks will be graded if required to ensure that they are state control erosion as required.         3         Negligible         High         Medium Resilience         Yes         Fully         Yes	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to No Low Low
Proposed management controls           Duration           Application ranking           What is the confidence in predicting impacts?           How resilient is the environment to cope with impacts?           Can the impacts be reversed?           Can the impacts be mitigated?           Do the operations comply with standards, plans, policies?	At the completion of drilling, the drill pads will heroding surface. The access tracks will be graded if required to ensure that they are state control erosion as required.         3         Negligible         High         Medium Resilience         Yes         Fully         Yes         Natural Resources: Any disruption of existing access	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re-	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to No Low Low anking n natural resources, including forestry,
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Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be reversed?  Can the impacts be mitigated?  Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking What is the confidence in predicting	At the completion of drilling, the drill pads will be graded if required to ensure that they are stacontrol erosion as required.         3         Negligible         High         Medium Resilience         Yes         Fully         Yes         Natural Resources: Any disruption of existing ac farming or extractive industries (or reduction of NA         NA         3	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re- tivities which rely of options for future a	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to No Low Low anking n natural resources, including forestry,
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Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be mitigated?  Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting	At the completion of drilling, the drill pads will be graded if required to ensure that they are state control erosion as required.         3         Negligible         High         Medium Resilience         Yes         Fully         Yes         Natural Resources: Any disruption of existing action of extractive industries (or reduction of NA         NA         3         Negligible	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re- tivities which rely of options for future a	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to No Low Low anking n natural resources, including forestry, activities).
Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be reversed?  Can the impacts be mitigated?  Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking What is the confidence in predicting	At the completion of drilling, the drill pads will be graded if required to ensure that they are state control erosion as required.         3         Negligible         High         Medium Resilience         Yes         Fully         Yes         Natural Resources: Any disruption of existing action of extractive industries (or reduction of NA         NA         3         Negligible	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re- tivities which rely of options for future of options for future of studies required on impacts or	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to No Low Low anking n natural resources, including forestry, activities).
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Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be mitigated?  Can the impacts be mitigated?  Can the impacts plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?	At the completion of drilling, the drill pads will be graded if required to ensure that they are stacontrol erosion as required.         3         Negligible         High         Medium Resilience         Yes         Natural Resources: Any disruption of existing ac farming or extractive industries (or reduction of NA         NA         3         Negligible	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re- tivities which rely of options for future a Are further studies required on impacts or mitigation? What is the level of public	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to No Low Low anking n natural resources, including forestry, activities).
Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be mitigated?  Can the impacts be mitigated?  Can the impacts be mitigated?  Can the operations comply with standards, plans, policies?  Criteria  Potential impacts Proposed management controls Duration Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?	At the completion of drilling, the drill pads will be graded if required to ensure that they are stacontrol erosion as required.         3         Negligible         High         Medium Resilience         Yes         Natural Resources: Any disruption of existing action of an extractive industries (or reduction of NA         NA         3         Negligible	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re- tivities which rely of options for future are Are further studies required on impacts or mitigation? What is the	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to No Low Low anking n natural resources, including forestry, activities).
Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be mitigated?  Do the operations comply with standards, plans, policies?  Criteria  Potential impacts Proposed management controls Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to	At the completion of drilling, the drill pads will be graded if required to ensure that they are stacontrol erosion as required.         3         Negligible         High         Medium Resilience         Yes         Natural Resources: Any disruption of existing ac farming or extractive industries (or reduction of NA         NA         3         Negligible	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re- tivities which rely of options for future a Are further studies required on impacts or mitigation? What is the level of public	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to No Low Low anking n natural resources, including forestry, activities).
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Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be mitigated?  Can the impacts be mitigated?  Can the impacts be mitigated?  Can the operations comply with standards, plans, policies?  Criteria  Potential impacts Proposed management controls Duration Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?	At the completion of drilling, the drill pads will be graded if required to ensure that they are stacontrol erosion as required.         3         Negligible         High         Medium Resilience         Yes         Natural Resources: Any disruption of existing action of an extractive industries (or reduction of NA         NA         3         Negligible	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r tivities which rely of options for future is options for future is required on impacts or mitigation? What is the level of public concern? Ranking of potential	ed and rehabilitated to form a stable, no to erosion. Cor logs/mats will be used to No Low Low anking n natural resources, including forestry, activities).
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	No		
standards, plans, policies?			
Criteria	Natural Resources: Any use which results in the	degradation of any	area reserved for conservation purpose
Potential impacts	NA		
Proposed management controls	NA		
Duration	3		
Application ranking	Negligible		
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
How resilient is the environment to	N/A	mitigation? What is the	N/A
cope with impacts?	N/A	level of public	N/A
cope with impacts:		concern?	
Can the impacts be reversed?	N/A	Ranking of	Low
can the impacts be reversed:		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for r	anking
Do the operations comply with	No		
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Impacts on National par	ks and other areas	reserved or dedicated or acquired under
	the National Parks and Wildlife Act 1974.		
Potential impacts	N/A		
Proposed management controls	N/A		
Duration	N/A		
Application ranking	N/A		
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	N/A
		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for r	anking
Do the operations comply with	N/A		5
standards, plans, policies?	,		
Criteria	Sensitive Land Impacts: Land subject to a 'conse	rvation agreement	under the National Parks and Wildlife A
	1974 and/or the Biodiversity Conservation Act 2	2016. This includes:	a. Biobanking agreement (established
	under the now repealed Threatened Species Co	nservation Act 1995	5) or a Biodiversity Stewardship
	agreement established under the Biodiversity C	onservation Act 202	16. b. Wildlife Refuge agreement
	established under the Biodiversity Conservation	Act 2016. c. Exist	ing conservation agreements that
	continue to have effect even where legislation h	has been repealed:	Trust agreements under the
	now repealed Nature Conservation Trust Act 20	01 🛛 Property ve	getation plans made under the now-
	repealed Native Vegetation Act 2003 2 Reg	gistered property ag	greements under the repealed Native
	Vegetation Conservation Act 1997		
Potential impacts	N/A		
Proposed management controls	N/A		
Duration	N/A		
Application ranking	N/A		
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
		level of public	
		concern?	
cope with impacts?			N/A
cope with impacts?	N/A	Kanking of	
	N/A	Ranking of potential	
cope with impacts?	N/A	potential	
cope with impacts? Can the impacts be reversed?		potential significance	
cope with impacts?	N/A N/A N/A	potential	

Criteria	Sensitive Land Impacts: Impacts on aquatic rese		
	Management Act 2014. Impacts on Coastal Zon	e as defined in the O	Coastal Management Act 2016.
Potential impacts	N/A		
Proposed management controls	N/A		
Duration	N/A		
Application ranking	N/A		
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	N/A
		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for ra	anking
Do the operations comply with	N/A		
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Fishing grounds and cor	nmercial fish breed	ing or nursery areas.
Potential impacts	NA		
Proposed management controls	NA		
Duration	3		
Application ranking	Negligible		
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	Low
	,	potential	
		significance	
Can the impacts be mitigated?	N/A		anking
Can the impacts be mitigated? Do the operations comply with	N/A N/A	Justification for ra	anking
Do the operations comply with	N/A N/A		anking
	N/A	Justification for ra	Ť
Do the operations comply with standards, plans, policies?	-	Justification for ra	a. Land within a state forest set aside
Do the operations comply with standards, plans, policies?	N/A Sensitive Land Impacts: Impacts on other sensit	Justification for ra ive lands including: lues. This includes f	a. Land within a state forest set aside lora reserves and special management
Do the operations comply with standards, plans, policies?	N/A Sensitive Land Impacts: Impacts on other sensit under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer	Justification for ra tive lands including: lues. This includes f nt protection areas	a. Land within a state forest set aside lora reserves and special management land declared to be a 'controlled area' o
Do the operations comply with standards, plans, policies?	N/A Sensitive Land Impacts: Impacts on other sensit under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014,	Justification for ra tive lands including: lues. This includes f nt protection areas - or a 'special area' u	a. Land within a state forest set aside lora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o
Do the operations comply with standards, plans, policies? Criteria	N/A Sensitive Land Impacts: Impacts on other sensit under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as	Justification for ra tive lands including: lues. This includes f nt protection areas - or a 'special area' u	a. Land within a state forest set aside lora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o
Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A Sensitive Land Impacts: Impacts on other sensit under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA	Justification for ra tive lands including: lues. This includes f nt protection areas - or a 'special area' u	a. Land within a state forest set aside lora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls	N/A Sensitive Land Impacts: Impacts on other sensit under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA NA	Justification for ra tive lands including: lues. This includes f nt protection areas - or a 'special area' u	a. Land within a state forest set aside lora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration	N/A Sensitive Land Impacts: Impacts on other sensitiunder the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA NA 3	Justification for ra tive lands including: lues. This includes f nt protection areas - or a 'special area' u	a. Land within a state forest set aside lora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	N/A Sensitive Land Impacts: Impacts on other sensiti under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA NA 3 Negligible	Justification for ra tive lands including: lues. This includes f nt protection areas - or a 'special area' u defined under the N	a. Land within a state forest set aside flora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o Nater Management Act 2000.
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	N/A Sensitive Land Impacts: Impacts on other sensitiunder the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA NA 3	Justification for ra tive lands including: alues. This includes f or a 'special area' u defined under the N Are further	a. Land within a state forest set aside lora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	N/A Sensitive Land Impacts: Impacts on other sensiti under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA NA 3 Negligible	Justification for ra tive lands including: alues. This includes f or a 'special area' u defined under the v Are further studies	a. Land within a state forest set aside flora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o Water Management Act 2000.
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	N/A Sensitive Land Impacts: Impacts on other sensiti under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA NA 3 Negligible	Justification for ra tive lands including: dues. This includes f or a 'special area' u defined under the v Are further studies required on	a. Land within a state forest set aside flora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o Water Management Act 2000.
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	N/A Sensitive Land Impacts: Impacts on other sensiti under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA NA 3 Negligible	Justification for ra tive lands including: alues. This includes f or a 'special area' u defined under the v Are further studies required on impacts or	a. Land within a state forest set aside flora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o Water Management Act 2000.
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	N/A Sensitive Land Impacts: Impacts on other sensiti under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA NA 3 Negligible N/A	Justification for ra tive lands including: alues. This includes f or a 'special area' u defined under the v Are further studies required on impacts or mitigation?	a. Land within a state forest set aside flora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o Nater Management Act 2000.
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	N/A Sensitive Land Impacts: Impacts on other sensiti under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA NA 3 Negligible	Justification for ra tive lands including: alues. This includes f or a 'special area' u defined under the v Are further studies required on impacts or mitigation? What is the	a. Land within a state forest set aside flora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o Nater Management Act 2000.
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	N/A Sensitive Land Impacts: Impacts on other sensiti under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA NA 3 Negligible N/A	Justification for ra tive lands including: alues. This includes f or a 'special area' u defined under the v Are further studies required on impacts or mitigation? What is the level of public	a. Land within a state forest set aside flora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o Nater Management Act 2000.
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	N/A Sensitive Land Impacts: Impacts on other sensiti under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA NA 3 Negligible N/A	Justification for ra tive lands including: alues. This includes f or a 'special area' u defined under the v Are further studies required on impacts or mitigation? What is the level of public concern?	a. Land within a state forest set aside flora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o Nater Management Act 2000.
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	N/A Sensitive Land Impacts: Impacts on other sensiti under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA NA 3 Negligible N/A	Justification for ra tive lands including: alues. This includes f or a 'special area' u defined under the v Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of	a. Land within a state forest set aside flora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o Nater Management Act 2000.
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	N/A Sensitive Land Impacts: Impacts on other sensiti under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA NA 3 Negligible N/A	Justification for ra tive lands including: alues. This includes f at protection areas or a 'special area' u defined under the v Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	a. Land within a state forest set aside flora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o Nater Management Act 2000.
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	N/A Sensitive Land Impacts: Impacts on other sensiti under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA NA 3 Negligible N/A N/A	Justification for ra tive lands including: alues. This includes f at protection areas or a 'special area' u defined under the v defined under the v Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	a. Land within a state forest set aside flora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o Nater Management Act 2000.
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated?	N/A Sensitive Land Impacts: Impacts on other sensiti under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA NA 3 Negligible N/A N/A	Justification for ra tive lands including: alues. This includes f at protection areas or a 'special area' u defined under the v Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	a. Land within a state forest set aside flora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o Nater Management Act 2000.
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	N/A Sensitive Land Impacts: Impacts on other sensiti under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA NA 3 Negligible N/A N/A	Justification for ra tive lands including: alues. This includes f at protection areas or a 'special area' u defined under the v defined under the v Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	a. Land within a state forest set aside flora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o Nater Management Act 2000.
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	N/A Sensitive Land Impacts: Impacts on other sensitiunder the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA NA 3 Negligible N/A N/A N/A N/A	Justification for ra tive lands including: lues. This includes f at protection areas or a 'special area' u defined under the v defined under the v Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra	a. Land within a state forest set aside ilora reserves and special management · land declared to be a 'controlled area' o nder the Water Management Act 2000 o Water Management Act 2000. N/A N/A
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Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	N/A Sensitive Land Impacts: Impacts on other sensitiunder the Forestry Act 2012 for conservation valued other) zones. b. Drinking water catchmera 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA NA NA NA NA NA NA N/A N/A N/	Justification for ra tive lands including: lues. This includes f at protection areas or a 'special area' u defined under the v defined under the v Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra	a. Land within a state forest set aside ilora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o Nater Management Act 2000. N/A N/A Low anking in the meaning of the Crown Lands Act
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be reversed? Do the operations comply with standards, plans, policies? Criteria	N/A Sensitive Land Impacts: Impacts on other sensitiunder the Forestry Act 2012 for conservation valued other) zones. b. Drinking water catchmera 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as NA NA 3 Negligible N/A N/A N/A N/A Sensitive Land Impacts: Impacts on land reservet 1989/Crown Lands Management Act 2016 for p protection purposes.	Justification for ra tive lands including: lues. This includes f at protection areas or a 'special area' u defined under the v defined under the v Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra	a. Land within a state forest set aside ilora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o Nater Management Act 2000. N/A N/A Low anking in the meaning of the Crown Lands Act
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be reversed? Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A         Sensitive Land Impacts: Impacts on other sensitiunder the Forestry Act 2012 for conservation valued other) zones.         a dother) zones.       b. Drinking water catchmera's special area' under the Water NSW Act 2014, Hunter Water Act 1991.         Hunter Water Act 1991.       c. Waterfront land as         NA       3         Negligible       N/A         N/A       N/A         N/A       Sensitive Land Impacts: Impacts on land reserver 1989/Crown Lands Management Act 2016 for p         protection purposes.       N/A	Justification for ra tive lands including: lues. This includes f at protection areas or a 'special area' u defined under the v defined under the v Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra	a. Land within a state forest set aside ilora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o Nater Management Act 2000. N/A N/A Low anking in the meaning of the Crown Lands Act
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	N/A         Sensitive Land Impacts: Impacts on other sensitiunder the Forestry Act 2012 for conservation valued other) zones.         a dother) zones.       b. Drinking water catchmera's special area' under the Water NSW Act 2014, Hunter Water Act 1991.         Hunter Water Act 1991.       c. Waterfront land as         NA       3         Negligible       N/A         N/A       N/A         N/A       Sensitive Land Impacts: Impacts on land reserver 1989/Crown Lands Management Act 2016 for p         protection purposes.       N/A         N/A       N/A	Justification for ra tive lands including: lues. This includes f at protection areas or a 'special area' u defined under the v defined under the v Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra	a. Land within a state forest set aside ilora reserves and special management land declared to be a 'controlled area' o nder the Water Management Act 2000 o Nater Management Act 2000. N/A N/A Low anking in the meaning of the Crown Lands Act
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What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	N/A
		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for ra	anking
Do the operations comply with	N/A		
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Impacts on land identifi Wilderness Act 1987.	ed as wilderness or	declared a wilderness area under the
Potential impacts	N/A		
Proposed management controls	N/A		
Duration	N/A		
Application ranking	N/A		
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	N/A
		potential	
		significance	
Can the impacts be mitigated?	N/A	significance Justification for ra	anking
Can the impacts be mitigated? Do the operations comply with	N/A N/A		anking
· · ·	*		anking
Do the operations comply with	N/A Sensitive Lands: Impacts on wetlands of interna	Justification for ra	lesignated under the Ramsar Convention
Do the operations comply with standards, plans, policies?	N/A	Justification for ra	lesignated under the Ramsar Convention
Do the operations comply with standards, plans, policies?	N/A Sensitive Lands: Impacts on wetlands of interna	Justification for ra	lesignated under the Ramsar Convention
Do the operations comply with standards, plans, policies?	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A	Justification for ra	lesignated under the Ramsar Convention
Do the operations comply with standards, plans, policies? Criteria	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia.	Justification for ra	lesignated under the Ramsar Convention
Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A	Justification for ra	lesignated under the Ramsar Convention
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A N/A	Justification for ra	lesignated under the Ramsar Convention
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A N/A N/A	Justification for ra	lesignated under the Ramsar Convention
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A N/A N/A N/A	Justification for ra tional significance d lly important wetlar	lesignated under the Ramsar Convention nd in the Directory of Important Wetland
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A N/A N/A N/A	Justification for ra tional significance d lly important wetlar Are further	lesignated under the Ramsar Convention nd in the Directory of Important Wetland
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A N/A N/A N/A	Justification for ra tional significance d lly important wetlar Are further studies	lesignated under the Ramsar Convention nd in the Directory of Important Wetland
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A N/A N/A N/A	Justification for ra tional significance d lly important wetlar Are further studies required on	lesignated under the Ramsar Convention nd in the Directory of Important Wetland
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A N/A N/A N/A	Justification for ra tional significance d lly important wetlar Are further studies required on impacts or	lesignated under the Ramsar Convention nd in the Directory of Important Wetland
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A N/A N/A N/A N/A	Justification for ra tional significance d lly important wetlar Are further studies required on impacts or mitigation?	lesignated under the Ramsar Convention nd in the Directory of Important Wetland
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A N/A N/A N/A N/A	Justification for ra tional significance d lly important wetlar Are further studies required on impacts or mitigation? What is the	lesignated under the Ramsar Convention nd in the Directory of Important Wetland
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A N/A N/A N/A N/A	Justification for ra tional significance d lly important wetlar Are further studies required on impacts or mitigation? What is the level of public	lesignated under the Ramsar Convention nd in the Directory of Important Wetland
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A N/A N/A N/A N/A N/A	Justification for ra tional significance d lly important wetlar Are further studies required on impacts or mitigation? What is the level of public concern?	lesignated under the Ramsar Convention nd in the Directory of Important Wetland N/A
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A N/A N/A N/A N/A N/A	Justification for ra tional significance d lly important wetlar Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of	lesignated under the Ramsar Convention nd in the Directory of Important Wetland N/A
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A N/A N/A N/A N/A N/A	Justification for ra tional significance d lly important wetlar Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	lesignated under the Ramsar Convention nd in the Directory of Important Wetland N/A
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A N/A N/A N/A N/A N/A	Justification for ra tional significance d lly important wetlar Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	lesignated under the Ramsar Convention nd in the Directory of Important Wetland N/A
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be reversed? Do the operations comply with standards, plans, policies?	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A N/A N/A N/A N/A N/A N/A	Justification for ra tional significance d lly important wetlar Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra	lesignated under the Ramsar Convention nd in the Directory of Important Wetland N/A N/A
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on land identifi	Justification for ra tional significance d lly important wetlar Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra	lesignated under the Ramsar Convention nd in the Directory of Important Wetland N/A N/A N/A ntal planning instrument as being of
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be reversed? Do the operations comply with standards, plans, policies?	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on land identifi biodiversity / conservation significance or zone	Justification for ra tional significance d lly important wetlar Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra ed in an environme d for environmental	lesignated under the Ramsar Convention nd in the Directory of Important Wetland N/A N/A N/A ntal planning instrument as being of conservation, protection and/or
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be reversed? Do the operations comply with standards, plans, policies?	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on land identifi biodiversity / conservation significance or zone management. Includes Coastal Wetlands and Li	Justification for ra tional significance d lly important wetlar Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra ed in an environme d for environmental	lesignated under the Ramsar Convention and in the Directory of Important Wetland N/A N/A N/A anking ntal planning instrument as being of conservation, protection and/or
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	N/A         Sensitive Lands: Impacts on wetlands of internation on Wetlands and those designated as a national of Australia.         N/A         Sensitive Land Impacts: Impacts on land identifibiodiversity / conservation significance or zoned management. Includes Coastal Wetlands and Li (Resilience and Hazards) 2021.	Justification for ra tional significance d lly important wetlar Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra d for environmental ttoral rainforests un	lesignated under the Ramsar Convention and in the Directory of Important Wetland N/A N/A N/A ntal planning instrument as being of conservation, protection and/or ider State Environmental Planning Policy
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be reversed? Do the operations comply with standards, plans, policies?	N/A Sensitive Lands: Impacts on wetlands of interna on Wetlands and those designated as a nationa of Australia. N/A N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on land identifi biodiversity / conservation significance or zone management. Includes Coastal Wetlands and Li	Justification for ra tional significance d lly important wetlar Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra d for environmental ttoral rainforests un	lesignated under the Ramsar Convention and in the Directory of Important Wetland N/A N/A N/A ntal planning instrument as being of conservation, protection and/or ader State Environmental Planning Policy 013 administered by SNOWY MONARO

Proposed management controls	TERRESTRIAL BIODIVERSITY		
	To protect the Monaro Tableland Cool Temperate Grassy Woodland CEEC, this portion of the site will be excluded from any further clearing.		
	Locally occurring native plant species typical of site.	the two PCTs found	on site will be used in revegetation of the
	A weed management plan will be prepared to c weed of national significance and a major threa	-	-
	grassland and the BC Act listed Monaro Tablelan represented on site.		
	Rehabilitation will involve the following compor		
	1. Re-shaping the drill pads to remove their geo with those natural slopes around the pads.	·	
	2. Replacing topsoil set aside during pad constru- set aside, what alternative measures will be add	opted)	
	3. Installation of any required surface water ma silt-stop fencing.	nagement structure	es to protect the disturbed area, including
	<ol> <li>Spreading of any cleared vegetation.</li> <li>Revegetation of the entire disturbed area wit</li> </ol>	h a native or pastur	re seed mix, if necessary.
	Suitable hollow-bearing limbs/branches that are adjacent to the exploration pads should be colle be suitable for occupation by hollow-dependen	ected and salvaged.	These should be modified (if needed) to
	area that are not to be cleared in the future. A minimum of 10 purpose-built habitat boxes su		
	small arboreal mammals/birds should be erected portions of the mining lease area that are not to	be cleared in the f	
	the three-year monitored period. Any boxes day exotic species should be repaired or replaced.		
	To protect the Monaro Tableland Cool Temperate Grassy Woodland CEEC, this portion of the site should be excluded from any further clearing.		
	Locally occurring native plant species typical of the two PCTs found on site will be used in revegetation of the site. A weed management plan will be prepared to control and prevent further spread of Serrated Tussock, a		
	weed of national significance and a major threat to natural temperate grassland and the BC Act listed Monaro Tableland Cool Temperate Grassy Woodland CEEC, which is		
	represented on site. Should further exploration works be undertaken	-	
	<ul> <li>undertaken by an ecologist or similar qualified person to determine the</li> <li>location/alignment of any tracks/mature trees (particular those that are hollow bearing) within the required clearing and to salvage any fauna habitats if necessary (e.g. hollow</li> <li>limbs).</li> <li>The value of the existing mine shaft for cave-dependent microbats, particularly as an over wintering hibernation roosting site, will be determined prior to any exploration activity being conducted in, or close to, the shaft entrance.</li> <li>WATERCOURSES</li> <li>All drill sites will be located more than 40m from the top banks of watercourses.</li> <li>Where access tracks cross watercourses, silt-stop fencing and/or straw bales may be required on the downslope side of the access track to act as temporary sediment dams.</li> <li>Water management structures will be inspected regularly throughout the exploration and works program and particularly following protracted rainfall to ensure integrity and performance.</li> <li>An approved spill kit/oil matting will be on site for use with hydrocarbons such as diesel or oil spills. All chemicals and hydrocarbons will be stored and transported in sealed containers or storage boxes in the vehicles.</li> <li>Should a spillage of fuel or oil occur from vehicles and machinery, immediate response will be undertaken to ensure there is no residual transfer of contaminated soil to surface waters.</li> </ul>		
Duration	N/A		
Application ranking	N/A		
What is the confidence in predicting impacts?	Medium	Are further studies	No
		required on impacts or mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Medium

level of public concern?

How resilient is the environment to

cope with impacts?

Can the impacts be reversed?	Uncertain	Ranking of potential significance	Medium
Can the impacts be mitigated?	Partly	Justification for ra	anking
	Yes		-
Do the operations comply with standards, plans, policies?	res	The site is listed under the Snowy River Local Environmental Plan 2013 administered by SNOWY MONARO REGIONAL COUNCIL. It is included in the Terrestrial Biodiversity Map and the Riparian Lands ar Watercourses Map.	
Criteria	Sensitive Land Impacts: Impacts on Aboriginal under the National Parks and Wildlife Act 1974 environmental planning instrument.	neritage protection a	areas: a. Aboriginal places and object
Potential impacts	N/A		
Proposed management controls	N/A		
Duration	N/A		
Application ranking	N/A		
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
impacts:		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?	N/A	level of public	N/A
cope with impacts:		concern?	
Con the imports he reversed?	N/A		NI/A
Can the impacts be reversed?	N/A	Ranking of potential	N/A
		significance	
Can the impacts be mitigated?	N/A	Justification for ra	anking
Do the operations comply with	N/A		
standards, plans, policies?			
· · ·	Sensitive Land Impacts: Impacts on heritage pro	Intection areas (histo	ric or natural): a Nationally and
Criteria			
Criteria		as (World Heritage I	
Criteria	internationally recognised heritage sites or area		ist, National Heritage List of
Criteria	internationally recognised heritage sites or are Commonwealth Heritage List) b. Items listed	on State Heritage	ist, National Heritage List of
	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum	on State Heritage	ist, National Heritage List of
Potential impacts	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A	on State Heritage	ist, National Heritage List of
Potential impacts Proposed management controls	internationally recognised heritage sites or are: Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A	on State Heritage	ist, National Heritage List of
Potential impacts Proposed management controls Duration	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A	on State Heritage	ist, National Heritage List of
Potential impacts Proposed management controls Duration Application ranking	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A	on State Heritage	ist, National Heritage List of c. Heritage items and conservation are
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A	on State Heritage ment Are further	ist, National Heritage List of
Potential impacts Proposed management controls Duration Application ranking	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A	on State Heritage nent Are further studies	ist, National Heritage List of c. Heritage items and conservation are
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A	Are further studies required on	ist, National Heritage List of c. Heritage items and conservation are
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A	Are further studies required on impacts or	ist, National Heritage List of c. Heritage items and conservation are
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation?	ist, National Heritage List of c. Heritage items and conservation are N/A
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the	ist, National Heritage List of c. Heritage items and conservation are
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public	ist, National Heritage List of c. Heritage items and conservation are N/A
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern?	ist, National Heritage List of c. Heritage items and conservation are N/A
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of	ist, National Heritage List of c. Heritage items and conservation are N/A
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	ist, National Heritage List of c. Heritage items and conservation are N/A
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	ist, National Heritage List of c. Heritage items and conservation are N/A N/A
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated?	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	ist, National Heritage List of c. Heritage items and conservation are N/A N/A
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	ist, National Heritage List of c. Heritage items and conservation are N/A N/A
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re land classified under	ist, National Heritage List of c. Heritage items and conservation are N/A N/A N/A anking
Potential impacts         Proposed management controls         Duration         Application ranking         What is the confidence in predicting impacts?         How resilient is the environment to cope with impacts?         Can the impacts be reversed?         Can the impacts be mitigated?         Do the operations comply with standards, plans, policies?         Criteria	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community which a plan of management has been prepare	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re land classified under	ist, National Heritage List of c. Heritage items and conservation are N/A N/A N/A anking
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community which a plan of management has been prepare N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re land classified under	ist, National Heritage List of c. Heritage items and conservation are N/A N/A N/A anking
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re land classified under	ist, National Heritage List of c. Heritage items and conservation are N/A N/A N/A anking
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community which a plan of management has been prepare N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re land classified under	ist, National Heritage List of c. Heritage items and conservation are N/A N/A N/A anking
Potential impacts         Proposed management controls         Duration         Application ranking         What is the confidence in predicting impacts?         How resilient is the environment to cope with impacts?         Can the impacts be reversed?         Can the impacts be reversed?         Do the operations comply with standards, plans, policies?         Criteria         Potential impacts         Proposed management controls         Duration         Application ranking	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community which a plan of management has been prepare N/A N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re land classified under d).	ist, National Heritage List of c. Heritage items and conservation are N/A N/A N/A enking er the Local Government Act 1993 (for
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community which a plan of management has been prepare N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra land classified under d).	ist, National Heritage List of c. Heritage items and conservation are N/A N/A N/A anking
Potential impacts         Proposed management controls         Duration         Application ranking         What is the confidence in predicting impacts?         How resilient is the environment to cope with impacts?         Can the impacts be reversed?         Can the impacts be reversed?         Do the operations comply with standards, plans, policies?         Criteria         Potential impacts         Proposed management controls         Duration         Application ranking	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community which a plan of management has been prepare N/A N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re land classified under d).	ist, National Heritage List of c. Heritage items and conservation are N/A N/A N/A enking er the Local Government Act 1993 (for
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community which a plan of management has been prepare N/A N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re land classified under d). Are further studies required on	ist, National Heritage List of c. Heritage items and conservation are N/A N/A N/A enking er the Local Government Act 1993 (for
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community which a plan of management has been prepare N/A N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re land classified under d). Are further studies required on impacts or	ist, National Heritage List of c. Heritage items and conservation are N/A N/A N/A enking er the Local Government Act 1993 (for
Potential impacts         Proposed management controls         Duration         Application ranking         What is the confidence in predicting impacts?         How resilient is the environment to cope with impacts?         Can the impacts be reversed?         Can the impacts be mitigated?         Do the operations comply with standards, plans, policies?         Criteria         Potential impacts         Proposed management controls         Duration         Application ranking         What is the confidence in predicting impacts?	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community which a plan of management has been prepare N/A N/A N/A N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r land classified under d). Are further studies required on impacts or mitigation?	ist, National Heritage List of c. Heritage items and conservation are N/A N/A N/A anking er the Local Government Act 1993 (for
Potential impacts         Proposed management controls         Duration         Application ranking         What is the confidence in predicting impacts?         How resilient is the environment to cope with impacts?         Can the impacts be reversed?         Can the impacts be mitigated?         Do the operations comply with standards, plans, policies?         Criteria         Potential impacts         Proposed management controls         Duration         Application ranking         What is the confidence in predicting impacts?         How resilient is the environment to	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community which a plan of management has been prepare N/A N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r land classified under d). Are further studies required on impacts or mitigation? What is the	ist, National Heritage List of c. Heritage items and conservation are N/A N/A N/A enking er the Local Government Act 1993 (for
Potential impacts         Proposed management controls         Duration         Application ranking         What is the confidence in predicting impacts?         How resilient is the environment to cope with impacts?         Can the impacts be reversed?         Can the impacts be mitigated?         Do the operations comply with standards, plans, policies?         Criteria         Potential impacts         Proposed management controls         Duration         Application ranking         What is the confidence in predicting impacts?	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community which a plan of management has been prepare N/A N/A N/A N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r Justification for r Are further studies required on impacts or mitigation? What is the level of public	ist, National Heritage List of c. Heritage items and conservation are N/A N/A N/A anking ar the Local Government Act 1993 (for
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community which a plan of management has been prepare N/A N/A N/A N/A N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r land classified under d). Are further studies required on impacts or mitigation? What is the level of public concern?	ist, National Heritage List of c. Heritage items and conservation are N/A N/A N/A anking r the Local Government Act 1993 (for N/A
Potential impacts         Proposed management controls         Duration         Application ranking         What is the confidence in predicting impacts?         How resilient is the environment to cope with impacts?         Can the impacts be reversed?         Can the impacts be mitigated?         Do the operations comply with standards, plans, policies?         Criteria         Potential impacts         Proposed management controls         Duration         Application ranking         What is the confidence in predicting impacts?         How resilient is the environment to	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community which a plan of management has been prepare N/A N/A N/A N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r land classified under d). Are further studies required on impacts or mitigation? What is the level of public concern?	ist, National Heritage List of c. Heritage items and conservation are N/A N/A N/A anking ar the Local Government Act 1993 (for
Potential impacts         Proposed management controls         Duration         Application ranking         What is the confidence in predicting impacts?         How resilient is the environment to cope with impacts?         Can the impacts be reversed?         Can the impacts be mitigated?         Do the operations comply with standards, plans, policies?         Criteria         Potential impacts         Proposed management controls         Duration         Application ranking         What is the confidence in predicting impacts?         How resilient is the environment to cope with impacts?	internationally recognised heritage sites or area Commonwealth Heritage List) b. Items listed identified in an environmental planning instrum N/A N/A N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community which a plan of management has been prepare N/A N/A N/A N/A N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r Justification for r Are further studies required on impacts or mitigation? What is the level of public concern?	ist, National Heritage List of c. Heritage items and conservation are N/A N/A N/A n/A n/A N/A N/A

Can the impacts be mitigated?	N/A	Justification for r	anking
Do the operations comply with	N/A		
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Impacts on bushfire pro		
Potential impacts	There is the small possibility of fire starting caused by ignition source from exhaust on drilling vehicles.		
Proposed management controls	Access to the site and use of on site access tracks and drill pads will be under the direction		
	and precautions will be taken to ensure that vel		6
	All vehicles will be equipped with UHF radio/mo	bile, fire extinguish	ers and a minimum of 15L of water.
Duration	3		
Application ranking	Negligible		
What is the confidence in predicting	High	Are further	No
impacts?		studies	
		required on	
		impacts or mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Low
cope with impacts?	Medium Resilience	level of public	LOW
cope with impacts:		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
can the impacts be reversed?		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification for ra	anking
Do the operations comply with	Yes		аннив 
standards, plans, policies?			
Criteria	Social Impacts: Any impacts which result in a ch	ange in the demogr	aphic structure of the community.
	including changes to workforce or industry strue	0 0	1
	community resources (eg community facilities,		
Potential impacts	NA		
Proposed management controls	NA		
Duration	3		
Application ranking			
What is the confidence in predicting	N/A	Are further	N/A
impacts?	,	studies	
·		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for ra	anking
Do the operations comply with	No		
standards, plans, policies?			
Criteria	Social Impacts: Any environmental impact that		ial change or disruption to the communit
	(including loss of facilities or loss of community	identity).	
Potential impacts	NA		
Proposed management controls	NA		
Duration	3		
Application ranking			
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
	N/A	Ranking of	Low
Can the impacts be reversed?		potential	
Can the impacts be reversed?			
		significance	
Can the impacts be mitigated?	N/A		anking
Can the impacts be mitigated? Do the operations comply with	N/A No	significance	anking
Can the impacts be mitigated?	No	significance Justification for r	
Can the impacts be mitigated? Do the operations comply with	-	significance Justification for r	
Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	No	significance Justification for r e individuals or con	nmunities being significantly
Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	No Social Impacts: Any impacts which result in som	significance Justification for r e individuals or con	nmunities being significantly

Duration	3		
Application ranking	5		
What is the confidence in predicting	N/A	Are further	N/A
	N/A		N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	Low
can the impacts be reversed.		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for r	anking
Do the operations comply with	No		
standards, plans, policies?			
Criteria	Social Impacts: Any impacts on the health, safet	ty, privacy or welfar	e of individuals or communities caused b
	factors such as pollution, odour, noise, vibration		
Potential impacts	NA		
Proposed management controls	NA		
Duration	3		
Application ranking			
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
		-	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	Low
·		potential	
		significance	
Con the immedia he wither to d2	N1/A	-	a a la face a construction de la face de la
Can the impacts be mitigated?	N/A	Justification for r	anking
Do the operations comply with	No		
standards, plans, policies?			
Criteria	Social Impacts: Effect on a locality, place or build		
	architectural, cultural, historical, scientific or so	cial significance or o	other special value for present or future
	generations?		
Potential impacts	NA		
Proposed management controls	NA		
Duration	3		
Application ranking			
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
			1
		required on	
		required on	
		impacts or	
		impacts or mitigation?	
How resilient is the environment to	N/A	impacts or mitigation? What is the	N/A
How resilient is the environment to cope with impacts?	N/A	impacts or mitigation?	N/A
	N/A	impacts or mitigation? What is the	N/A
cope with impacts?	N/A	impacts or mitigation? What is the level of public concern?	N/A Low
	·	impacts or mitigation? What is the level of public concern? Ranking of	
cope with impacts?	·	impacts or mitigation? What is the level of public concern? Ranking of potential	
cope with impacts? Can the impacts be reversed?	N/A	impacts or mitigation? What is the level of public concern? Ranking of potential significance	Low
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated?	N/A N/A	impacts or mitigation? What is the level of public concern? Ranking of potential	Low
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	N/A	impacts or mitigation? What is the level of public concern? Ranking of potential significance	Low
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated?	N/A N/A No	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re	Low
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	N/A N/A	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re	Low
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	N/A N/A No Social Impacts: Impacts on communities with st	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re	Low
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A N/A No Social Impacts: Impacts on communities with st NA	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re	Low
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls	N/A N/A No Social Impacts: Impacts on communities with st NA NA	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re	Low
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration	N/A N/A No Social Impacts: Impacts on communities with st NA	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re	Low
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls	N/A N/A No Social Impacts: Impacts on communities with st NA NA	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re	Low
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration	N/A N/A No Social Impacts: Impacts on communities with st NA NA	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re	Low
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	N/A N/A No Social Impacts: Impacts on communities with st NA NA 3	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra- rong sense of identi	Low anking ty.
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	N/A N/A No Social Impacts: Impacts on communities with st NA NA 3	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra- rong sense of identi	Low anking ty.
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	N/A N/A No Social Impacts: Impacts on communities with st NA NA 3	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra- rong sense of identi Are further studies required on	Low anking ty.
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	N/A N/A No Social Impacts: Impacts on communities with st NA NA 3	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra- rong sense of identi	Low anking ty.

	[		
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for r	anking
Do the operations comply with	No		
standards, plans, policies?			
Criteria	Social Impacts: Impacts on disadvantaged comr	nunities.	
Potential impacts	NA		
Proposed management controls	NA		
Duration	3		
Application ranking	Negligible		
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
impacts:			
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	,
cope with impacts:		concern?	
Construction of the state	21/2		
Can the impacts be reversed?	N/A	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for r	anking
Do the operations comply with	No		0
,	110		
standards, plans, policies?			
Criteria	Economic Impacts: Any impacts which may affe	ct economic activity	(positive or negative), including a
	decrease to net economic welfare.		
Potential impacts	Landholder will receive compensation payment	in accordance with	the land access agreement.
Proposed management controls	Compensation will be paid in a timely manner t	o ensure a good rela	ationship is maintained between explore
	and landholder.		
Demotion	3		
Duration			
Application ranking	Negligible		
What is the confidence in predicting	High	Are further	No
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Low
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
can the impacts be reversed:	105	-	LOW
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification for r	anking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Economic Impacts: Any impacts that result in a	l decrease in the ese	nomic stability of the community
			nonne stability of the confinitunity.
Potential impacts	NA		
Proposed management controls	NA		
Duration	3		
	Negligible		
Application ranking		A 6	
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A		NI/A
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	Low
		potential	
		significance	
	21/2	-	
Can the impacts be mitigated?	N/A	Justification for r	anking
	No	1	
Do the operations comply with	No		
Do the operations comply with standards, plans, policies?			
	Economic Impacts: Any impacts which result in	a change to the put	lic sector revenue or expenditure base.

Potential impacts	NA		
Proposed management controls	NA		
Duration	3		
Application ranking	Negligible		
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	Low
can the impacts be reversed:		potential	2000
		significance	
Con the immedia he wither to d2	N/A	-	
Can the impacts be mitigated?	N/A	Justification for ra	anking
Do the operations comply with	No		
standards, plans, policies?			
Criteria	Heritage Impacts: Any impacts on a locality, pla	ce, landscape, build	ing or archaeological relic of heritage
	significance.		
Potential impacts	NA		
Proposed management controls	NA		
Duration	3		
Application ranking	Positive		
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
impacts:			
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
		concern.	
Can the impacts be reversed?	N/A		Low
Can the impacts be reversed?	N/A	Ranking of	Low
Can the impacts be reversed?	N/A	Ranking of potential	Low
-		Ranking of potential significance	
Can the impacts be mitigated?	N/A	Ranking of potential	
Can the impacts be mitigated? Do the operations comply with		Ranking of potential significance	
Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	N/A No	Ranking of potential significance Justification for ra	anking
Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	N/A No Aesthetic Impacts: Any impacts on the visual or	Ranking of potential significance Justification for ra scenic landscape, ir	anking acluding lighting, venting or flaring of g
Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	N/A No Aesthetic Impacts: Any impacts on the visual or The impact from drill rigs undertaking explorati	Ranking of potential significance Justification for ra scenic landscape, ir	anking acluding lighting, venting or flaring of g
Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A No Aesthetic Impacts: Any impacts on the visual or The impact from drill rigs undertaking explorati landscape.	Ranking of potential significance Justification for ra scenic landscape, ir on programs on the	anking ncluding lighting, venting or flaring of g highly appealing Monaro High plains
Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	N/A No Aesthetic Impacts: Any impacts on the visual or The impact from drill rigs undertaking explorati	Ranking of potential significance Justification for ra scenic landscape, ir on programs on the	anking ncluding lighting, venting or flaring of g highly appealing Monaro High plains
Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A No Aesthetic Impacts: Any impacts on the visual or The impact from drill rigs undertaking explorati landscape.	Ranking of potential significance Justification for ra scenic landscape, ir on programs on the	anking ncluding lighting, venting or flaring of g highly appealing Monaro High plains
Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration	N/A No Aesthetic Impacts: Any impacts on the visual or The impact from drill rigs undertaking explorati landscape. The activity will be undrtaken over very short ti	Ranking of potential significance Justification for ra scenic landscape, ir on programs on the	anking ncluding lighting, venting or flaring of g highly appealing Monaro High plains
Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	N/A No Aesthetic Impacts: Any impacts on the visual or The impact from drill rigs undertaking explorati landscape. The activity will be undrtaken over very short ti 3 Positive	Ranking of potential significance Justification for ra scenic landscape, ir on programs on the meframe (3 days) sc	anking ncluding lighting, venting or flaring of g highly appealing Monaro High plains o the impact will be minimal.
Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	N/A No Aesthetic Impacts: Any impacts on the visual or The impact from drill rigs undertaking explorati landscape. The activity will be undrtaken over very short ti 3	Ranking of potential significance Justification for ra scenic landscape, ir on programs on the meframe (3 days) sc Are further	anking ncluding lighting, venting or flaring of g highly appealing Monaro High plains
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Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	N/A No Aesthetic Impacts: Any impacts on the visual or The impact from drill rigs undertaking explorati landscape. The activity will be undrtaken over very short ti 3 Positive	Ranking of potential significance Justification for ra scenic landscape, ir on programs on the meframe (3 days) sc Are further studies required on	anking ncluding lighting, venting or flaring of g highly appealing Monaro High plains o the impact will be minimal.
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Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	N/A No Aesthetic Impacts: Any impacts on the visual or The impact from drill rigs undertaking explorati landscape. The activity will be undrtaken over very short ti 3 Positive	Ranking of potential significance Justification for ra scenic landscape, ir on programs on the meframe (3 days) sc Are further studies required on impacts or mitigation? What is the	anking ncluding lighting, venting or flaring of g highly appealing Monaro High plains o the impact will be minimal.
Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	N/A No Aesthetic Impacts: Any impacts on the visual or The impact from drill rigs undertaking explorati landscape. The activity will be undrtaken over very short ti 3 Positive High	Ranking of potential significance Justification for ra scenic landscape, ir on programs on the meframe (3 days) sc Are further studies required on impacts or mitigation? What is the level of public	anking ncluding lighting, venting or flaring of g highly appealing Monaro High plains o the impact will be minimal. No
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How resilient is the environment to	Medium Resilience	What is the	Low	
cope with impacts?		level of public		
		concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
		potential		
		significance		
Can the impacts be mitigated?	Fully	Justification for ra	anking	
Do the operations comply with	Yes			
standards, plans, policies?				
Criteria	Cultural Impacts: Any disturbance of the ground	surface or any cult	urally modified trees (e.g. a scar tree).	
Potential impacts	Ground disturbing activities such as excavation	have the potential t	o impact Aboriginal sites. An AHIMS	
	search has shown that 16 Aboriginal heritage sit	tes are recorded wit	thin the project area. A recent survey by	
	CHMA identified an additional 107 Aboriginal a	rtefacts. The RC dri	ling program in late 2021 impact some of	
	the 16 recorded sites.			
Proposed management controls	Aboriginal artefacts that are recorded in the AH	IMS database or ide	entified in a subsequent CHMA heritage	
-	surveys that are located on access tracks or drill	l pads will be salvag	ed by the representative Aboriginal	
	parties following grant of an AHIP permit. All Al	boriginal artefacts c	n tracks and drill pads to be used for the	
	planned rehabilitation works and diamond drilli	ng will be salvaged	before work commences.	
Duration	3			
Application ranking	Negligible			
What is the confidence in predicting	Medium	Are further	No	
impacts?		studies		
		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	LowResilience	What is the	High	
cope with impacts?		level of public	5	
		concern?		
Can the impacts be reversed?	No	Ranking of	High	
••••••		potential	5	
		significance		
Can the impacts be mitigated?	Partly	Justification for ra	anking	
Do the operations comply with	Yes		g activities such as excavation have the	
standards, plans, policies?			ct Aboriginal sites. An AHIMS search has	
,,,			original heritage sites are recorded within	
		the project area. A recent survey by CHMA identified an		
		additional 107 Aboriginal artefacts. The RC drilling progra		
			o 0. o	
		in late 2021 impact some of the 16 recorded sites.		
Criteria	Cultural Impacts: Any impacts on known Aborig			
		inal objects or Abor	iginal places.	
Criteria Potential impacts	Ground disturbing activities such as excavation	inal objects or Abor have the potential t	iginal places. o impact Aboriginal sites. An AHIMS	
		inal objects or Abor have the potential t tes are recorded wit	iginal places. o impact Aboriginal sites. An AHIMS chin the project area. A recent survey by	

Proposed management controls	Aboriginal artefacts that are recorded in the AHIMS database or identified in a subsequent CHMA heritage surveys that are located on access tracks or drill pads will be salvaged by the representative Aboriginal parties in accordance with AHIP permit. All Aboriginal artefacts on tracks and drill pads to be used for the planned rehabilitation works and diamond drilling will be salvaged before work commences. Salvage of Aboriginal artefacts in disturbed areas has been approved by a Section 90 Aboriginal Heritage Impact Permit that was granted 31 Jan 2024. All work will be monitored by the Representative Aboriginal Persons (RAPs) and supervised by a qualified archaeologist from consulting group Cultural Heritage Management Australia (CHMA). The Approved methodology is as follows:  1. In recognition of the broader community's wish to have cultural material left where it is or returned to country wherever possible, all artefacts collected during the current investigation will be crompleted by a suitably qualified professional archaeologist in collaboration with the Representative Aboriginal Persons 3. The salvage will be completed by a suitably qualified professional archaeologist in collaboration with the Representative Aboriginal Persons 4. The locations of all artefacts subject to movement are to be recorded prior to collection, with a full catalogue of artefacts to be produced on site, including photographic records for diagnostic stone artefacts; 5. Analysis is to occur onsite in order to keep materials on country throughout this process; 6. Artefacts salvaged will be returned to country separately, resulting in eight separate RTC locations. These locations will be moninated on site by the RAPs and located as close as possible to the original survey unit, area confirmed by the landowner/proponent to be protected from any future harm. 7. A smoking ceremony will be recorded at each of the RTC locations in accordance with TO's stated wishes. 8. A full record of each of the final locations will be made, including gr
Duration	3

Duration	3			
Application ranking	Negligible			
What is the confidence in predicting	Low	Are further	No	
impacts?		studies		
		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	LowResilience	What is the	High	
cope with impacts?		level of public		
		concern?		
Can the impacts be reversed?	No	Ranking of	High	
		potential		
		significance		
Can the impacts be mitigated?	Partly	Justification for ra	anking	
Do the operations comply with	Yes	Ground disturbing	g activities such as excavation have the	
standards, plans, policies?		potential to impa	ct Aboriginal sites. An AHIMS search has	
		shown that 16 Ab	original heritage sites are recorded within	
		the project area.	A recent survey by CHMA identified an	
		additional 107 Aboriginal artefacts. The RC drilling progra		
		in late 2021 impact some of the 16 recorded sites.		
Criteria	Cultural Impacts: Affects areas where the lands	cape features indica	te the likely presence of Aboriginal	
	objects.			
Potential impacts	The project area is on a small hill adjacent to th	,	<b>o</b> ,	
	used for hunting with the adjacent ridge a poss		explains the concentration of Aboriginal	
	artefacts that were accumulated over a long pe	riod.		

Proposed management controls	Aboriginal artefacts that are recorded in the AHIMS database or identified in a subsequent CHMA heritage surveys that are located on access tracks or drill pads will be salvaged by the representative Aboriginal			
	parties in accordance with AHIP permit. All Abo			
	planned rehabilitation works and diamond drilling will be salvaged before work commences.			
	Salvage of Aboriginal artefacts in disturbed area	as has been approve	ed by a Section 90 Aboriginal Heritage	
	Impact Permit that was granted 31 Jan 2024.			
	All work will be monitored by the Representativ archaeologist from consulting group Cultural He	-		
	methodology is as follows:	entage Managemen	t Australia (ChiviA). The Approved	
	1. In recognition of the broader community's w	ish to have cultural	material left where it is or returned to	
	country wherever possible, all artefacts collected	ed during the		
	current investigation will be returned to countr 2. The artefacts will be collected along the vary		-	
	3. The salvage will be completed by a suitably q	-		
	Representative Aboriginal Persons	·	0	
	4. The locations of all artefacts subject to move		-	
	catalogue of artefacts to be produced on site, in 5. Analysis is to occur onsite in order to keep m		-	
	6. Artefacts salvaged will be returned to countr	-		
	locations will be nominated on site by the RAPs			
	close as possible to the original survey unit, are	a confirmed by the	landowner/proponent to be protected	
	from any future harm. 7. A smoking ceremony will be recorded at each	n of the RTC location	ns in accordance with TO's stated wishes.	
	8. A full record of each of the final locations wil			
	referring to permanent features for re-identific			
	burial and a photographic record of the disposit 9. The eight new relocation points will be indivi		registered on AHIMS and accordingly	
	become new locations in need of protection int			
	The RAPs and archaeologist will access the site by 4WD vehicle along existing tracks and walk to the individual heritage sites. No powered equipment will be used.			
Duration	3			
Application ranking	Negligible	Ano further	No	
What is the confidence in predicting impacts?	Medium	Are further studies	No	
inipacto.		required on		
		impacts or		
		mitigation?	10.1	
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public	High	
		concern?		
Can the impacts be reversed?	No	Ranking of	High	
		potential		
Can the impacts be mitigated?	Partly	significance Justification for r	anking	
Do the operations comply with	Yes		g activities such as excavation have the	
standards, plans, policies?		potential to impa	ct Aboriginal sites. An AHIMS search has	
			original heritage sites are recorded within	
			A recent survey by CHMA identified an original artefacts. The RC drilling program	
			ct some of the 16 recorded sites.	
Criteria	Cultural Impacts: Affects areas subject to native title claims, indigenous land use agreements or joint			
Potential impacts	management arrangements. NA			
Proposed management controls	NA			
D. setters				
Duration	3			
Application ranking	Negligible			
Application ranking What is the confidence in predicting		Are further	N/A	
Application ranking	Negligible	studies	N/A	
Application ranking What is the confidence in predicting	Negligible		N/A	
Application ranking What is the confidence in predicting impacts?	Negligible N/A	studies required on impacts or mitigation?		
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	Negligible	studies required on impacts or mitigation? What is the	N/A N/A	
Application ranking What is the confidence in predicting impacts?	Negligible N/A	studies required on impacts or mitigation? What is the level of public		
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	Negligible N/A N/A	studies required on impacts or mitigation? What is the level of public concern?	N/A	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	Negligible N/A	studies required on impacts or mitigation? What is the level of public		

Can the impacts be mitigated?       N/A         Do the operations comply with standards, plans, policies?       No         Criteria       Cultural         Potential impacts       NA         Proposed management controls       NA         Duration       3         Application ranking       Negligib         What is the confidence in predicting impacts?       N/A         How resilient is the environment to cope with impacts?       N/A	Impacts: Impacts on Aboriginal commu	Are further studies		
standards, plans, policies?         Criteria       Cultural         Potential impacts       NA         Proposed management controls       NA         Duration       3         Application ranking       Negligib         What is the confidence in predicting impacts?       N/A         How resilient is the environment to       N/A		Are further studies		
Criteria     Cultural       Potential impacts     NA       Proposed management controls     NA       Duration     3       Application ranking     Negligib       What is the confidence in predicting impacts?     N/A       How resilient is the environment to     N/A		Are further studies		
Potential impacts     NA       Proposed management controls     NA       Duration     3       Application ranking     Negligib       What is the confidence in predicting impacts?     N/A       How resilient is the environment to     N/A		Are further studies	1	
Proposed management controls         NA           Duration         3           Application ranking         Negligib           What is the confidence in predicting impacts?         N/A           How resilient is the environment to         N/A	le	studies	N/A	
Duration       3         Application ranking       Negligib         What is the confidence in predicting impacts?       N/A         How resilient is the environment to       N/A	le	studies	N/A	
Application ranking         Negligib           What is the confidence in predicting impacts?         N/A           How resilient is the environment to         N/A	le	studies	N/A	
What is the confidence in predicting impacts?       N/A         How resilient is the environment to       N/A		studies	N/A	
impacts? How resilient is the environment to N/A		studies		
How resilient is the environment to N/A				
		required on		
		impacts or		
		mitigation?		
cope with impacts?		What is the	N/A	
		level of public		
		concern?		
Can the impacts be reversed? N/A		Ranking of	Low	
		potential		
		significance		
Can the impacts be mitigated? N/A		Justification for r	anking	
Do the operations comply with No				
standards, plans, policies?				
Criteria Cultural	Impacts: Impacts on areas or items of h	igh anthropological	, archaeological, architectural, cultural,	
	e, historical, recreational or scientific val			
	disturbing activities such as excavation I			
	0 0		thin the project area. A recent survey by	
CHMA i	CHMA identified an additional 107 Aboriginal artefacts. The RC drilling program in late 2021 impact some of			
	ecorded sites.			
	al artefacts that are recorded in the AH			
	surveys that are located on access tracks or drill pads will be salvaged by the representative Aboriginal			
	parties in accordance with AHIP permit. All Aboriginal artefacts on tracks and drill pads to be used for the			
planned	rehabilitation works and diamond drilling	ng will be salvaged	before work commences.	
-	Salvage of Aboriginal artefacts in disturbed areas has been approved by a Section 90 Aboriginal Heritage			
	Permit that was granted 31 Jan 2024.			
	All work will be monitored by the Representative Aboriginal Persons (RAPs) and supervised by a qualified			
	archaeologist from consulting group Cultural Heritage Management Australia (CHMA). The Approved			
method	ology is as follows:			
	1. In recognition of the broader community's wish to have cultural material left where it is or returned to			
	country wherever possible, all artefacts collected during the			
	investigation will be returned to country			
	<ol> <li>The artefacts will be collected along the varying access tracks and drill sites.</li> <li>The salvage will be completed by a suitably qualified professional archaeologist in collaboration with the</li> </ol>			
	• • • • •	ualified professiona	l archaeologist in collaboration with the	
	ntative Aboriginal Persons			
	ocations of all artefacts subject to mover		-	
-	-		nic records for diagnostic stone artefacts;	
, , , , , , , , , , , , , , , , , , , ,	5. Analysis is to occur onsite in order to keep materials on country throughout this process;			
	6. Artefacts salvaged will be returned to country separately, resulting in eight separate RTC locations. These			
	locations will be nominated on site by the RAPs and located as			
	close as possible to the original survey unit, area confirmed by the landowner/proponent to be protected			
	from any future harm.			
	7. A smoking ceremony will be recorded at each of the RTC locations in accordance with TO's stated wishes.			
	8. A full record of each of the final locations will be made, including grid coordinates, site plan/mud map			
	referring to permanent features for re-identification, depth of			
	burial and a photographic record of the disposition;			
	9. The eight new relocation points will be individually recorded and registered on AHIMS and accordingly			
become	become new locations in need of protection into the future.			
	The RAPs and archaeologist will access the site by 4WD vehicle along existing tracks and walk to the			
The RAP			ig existing tracks and walk to the	
	al heritage sites. No powered equipmen	t will be used.		
Duration 3				
Duration         3           Application ranking         Negligib				
Duration 3		Are further	No	
Duration         3           Application ranking         Negligib		Are further studies	No	
Duration         3           Application ranking         Negligib           What is the confidence in predicting         Medium			No	
Duration         3           Application ranking         Negligib           What is the confidence in predicting         Medium		studies	No	

How resilient is the environment to	Medium Resilience	What is the	High	
cope with impacts?		level of public		
		concern?		
Can the impacts be reversed?	No	Ranking of	High	
		potential		
		significance		
Can the impacts be mitigated?	Partly	Justification for ra	anking	
Do the operations comply with	Yes	Ground disturbing	g activities such as excavation have the	
standards, plans, policies?				
	shown that 16 Aboriginal heritage sites are			
		the project area.	A recent survey by CHMA identified an	
	additional 107 Aboriginal artefacts. The RC drilling progra			
		in late 2021 impa	ct some of the 16 recorded sites.	
Criteria	Land Use Impacts: Any major changes in land use, including curtailment of other beneficial land uses.			
Potential impacts	NA			
Proposed management controls	NA			
Duration	3			
Application ranking	Positive			
What is the confidence in predicting	N/A	Are further	N/A	
impacts?		studies		
		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	N/A	What is the	N/A	
cope with impacts?		level of public		
cope with impacts.		concern?		
Can the impacts be reversed?	N/A	Ranking of	Low	
can the impacts be reversed:	N/A	potential		
		significance		
Can the impacts he mitigated?	N/A	Justification for ra	anking	
Can the impacts be mitigated? Do the operations comply with	No	Justification for to	alikilig	
standards, plans, policies?	NO			
Criteria	Transportation Impacts: Substantial impacts on	ovicting transportat	tion systems (road, rail, podestrian) which	
Citteria	alter present patterns of circulation or moveme		tion systems (road, rail, pedesthall) whic	
Potential impacts	Additional traffic will occur on the local roads be		and contractors will be travelling to and	
rotential impacts	from Cooma to site each day.	couse employees a	ind contractors will be travelling to and	
Proposed management controls	The limited number of vehicles involved in the r	ehabilitation and d	rilling program will not cause significant	
roposed management controls	impact to the local transport			
	system. Site personnel will mobilise to site in lig	ht vehicles in the m	orning and then return at the end of the	
	12 hour shift over a 2-3 week period. Vehicle m		8	
Duration	3			
Application ranking	Negligible			
What is the confidence in predicting		Anna frontham	No	
impacts?	High			
inipacts:	High	Are further	NO	
	High	studies	NU	
	High	studies required on		
	High	studies required on impacts or		
How resilient is the environment to		studies required on impacts or mitigation?		
How resilient is the environment to	High Medium Resilience	studies required on impacts or mitigation? What is the	Low	
How resilient is the environment to cope with impacts?		studies required on impacts or mitigation? What is the level of public		
cope with impacts?	Medium Resilience	studies required on impacts or mitigation? What is the level of public concern?	Low	
		studies required on impacts or mitigation? What is the level of public concern? Ranking of		
cope with impacts?	Medium Resilience	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	Low	
cope with impacts? Can the impacts be reversed?	Medium Resilience Yes	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	Low	
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated?	Medium Resilience Yes Fully	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	Low	
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	Medium Resilience Yes	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	Low	
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	Medium Resilience Yes Fully Yes	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra	Low	
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	Medium Resilience Yes Fully Yes Transportation Impacts: Impacts associated with	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra	Low Low anking	
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	Medium Resilience Yes Fully Yes	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra	Low Low anking	
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	Medium Resilience Yes Fully Yes Transportation Impacts: Impacts associated with Additional traffic will occur on the local roads be from Cooma to site each day.	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra h direct or indirect a ecause employees a	Low Low anking additional traffic. Ind contractors will be travelling to and	
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	Medium Resilience Yes Fully Yes Transportation Impacts: Impacts associated with Additional traffic will occur on the local roads be	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra h direct or indirect a ecause employees a	Low Low anking additional traffic. Ind contractors will be travelling to and	
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts	Medium Resilience Yes Fully Yes Transportation Impacts: Impacts associated with Additional traffic will occur on the local roads be from Cooma to site each day.	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra h direct or indirect a ecause employees a	Low Low anking additional traffic. and contractors will be travelling to and	
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts	Medium Resilience Yes Fully Yes Transportation Impacts: Impacts associated with Additional traffic will occur on the local roads be from Cooma to site each day. The limited number of vehicles involved in the r	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra h direct or indirect a ecause employees a ehabilitation and d	Low Low anking additional traffic. Ind contractors will be travelling to and rilling program will not cause significant	
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts	Medium Resilience Yes Fully Yes Transportation Impacts: Impacts associated with Additional traffic will occur on the local roads be from Cooma to site each day. The limited number of vehicles involved in the r impact to the local transport	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra decause employees a ehabilitation and d ht vehicles in the m	Low Low anking additional traffic. Ind contractors will be travelling to and rilling program will not cause significant orning and then return at the end of the	
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts	Medium Resilience Yes Fully Yes Transportation Impacts: Impacts associated with Additional traffic will occur on the local roads be from Cooma to site each day. The limited number of vehicles involved in the r impact to the local transport system. Site personnel will mobilise to site in lig	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ra decause employees a ehabilitation and d ht vehicles in the m	Low Low anking additional traffic. Ind contractors will be travelling to and rilling program will not cause significant orning and then return at the end of the	

		1	
What is the confidence in predicting	High	Are further	No
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Low
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification for ra	anking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Consistency with applicable local strategic plan	ning statements, reg	gional strategic plans or district strategic
	plans.		
Potential impacts	Snowy Monaro Local Strategic Planning Statem	ent , Planning Prior	ity 3 states:
	3. Identify, protect and encourage restoration o	of environmental val	ues in the Snowy Monaro Region. The
	strategy outlines the region has 18 endangered	ecological commun	ities protected under state legislation, six
	of which are listed as nationally important and protected under federal legislation. In addition the more than 200 threatened species found within the region, some of which face particularly unique than 200 threatened species found within the region.		
	challenges in association with the Snowy Mountains and the effects of climate change. Ongoing human		
	activity and climate change has the potential to further harm the region's natural environment and at		
	present the Snowy River, riparian areas and cre	ek corridors, and wi	Idlife corridors are particularly vulnerable.
	Under this priority, high value terrestrial and aquatic ecosystems are protected to enhance biodiversity and		
	protect environmental values.		

Bullucion	5		
Application ranking	Positive		
What is the confidence in predicting	Medium	Are further	No
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Medium
cope with impacts?		level of public	
		concern?	

Can the impacts be reversed?	Uncertain	Ranking of	Medium
		potential	
		significance	
Can the impacts be mitigated?	Partly	Justification for r	anking
Do the operations comply with	Yes The project site falls under the Snowy Monaro Local		
standards, plans, policies?	Strategic Planning Statement instrument.		
Criteria	Matters of National Environmental Significance: Impacts on MNES under the Commonwealth Environment		
	Protection and Biodiversity Conservation Act 1999:		
Potential impacts	NA		
Proposed management controls	NA		
Duration	3		
Application ranking	Positive		
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for ranking	
Do the operations comply with	No		
standards, plans, policies?			
Criteria	Cumulative Impacts: Cumulative environmental	effects with other	existing or likely future activities.
Potential impacts	The combination of agricultural and mineral exploration activities on a sensitive location such as this can		
	have a compunding impact. The ecological values become threatened by the activities and there is		
	uncertainty how these values will react to the p	ressure.	

Duration Application ranking	3 Positive
Duration	3
	Any contaminated soil will be removed for disposal at an approved waste facility.
	ensure there is no residual transfer of contaminated soil to surface waters.
	Should a spillage of fuel or oil occur from vehicles and machinery, immediate response will be undertaken to
	vehicles.
	chemicals and hydrocarbons will be stored and transported in sealed containers or storage boxes in the
	An approved spill kit/oil matting will be on site for use with hydrocarbons such as diesel or oil spills. All
	and particularly following protracted rainfall to ensure integrity and performance.
	Water management structures will be inspected regularly throughout the exploration and works program
	downslope side of the access track to act as temporary sediment dams.
	Where access tracks cross watercourses, silt-stop fencing and/or straw bales may be required on the
	All drill sites will be located more than 40m from the top banks of watercourses.
	WATERCOURSES
	the shaft entrance.
	hibernation roosting site, will be determined prior to any exploration activity being conducted in, or close to
	The value of the existing mine shaft for cave-dependent microbats, particularly as an over wintering
	clearing and to salvage any fauna habitats if necessary (e.g. hollow limbs).
	location/alignment of any tracks/mature trees (particular those that are hollow bearing) within the required
	undertaken by an ecologist or similar qualified person to determine the
	Should further exploration works be undertaken that requires new clearing, a pre-clearing survey will be
	represented on site.
	grassland and the BC Act listed Monaro Tableland Cool Temperate Grassy Woodland CEEC, which is
	weed of national significance and a major threat to natural temperate
	A weed management plan will be prepared to control and prevent further spread of Serrated Tussock, a
	site.
	Locally occurring native plant species typical of the two PCTs found on site will be used in revegetation of th
	excluded from any further clearing.
	To protect the Monaro Tableland Cool Temperate Grassy Woodland CEEC, this portion of the site should be
	exotic species should be repaired or replaced.
	the three-year monitored period. Any boxes damaged or occupied by
	portions of the mining lease area that are not to be cleared in the future. These boxes should be included in
	small arboreal mammals/birds should be erected within those
	A minimum of 10 purpose-built habitat boxes suitable for occupation by hollowdependent microbats and
	area that are not to be cleared in the future.
	be suitable for occupation by hollow-dependent native fauna erected within those parts of the mining lease
	adjacent to the exploration pads should be collected and salvaged. These should be modified (if needed) to
	Suitable hollow-bearing limbs/branches that are present within the felled trees that have been stockpiled
	5. Revegetation of the entire disturbed area with a native or pasture seed mix, if necessary.
	4. Spreading of any cleared vegetation.
	silt-stop fencing.
	3. Installation of any required surface water management structures to protect the disturbed area, including
	set aside, what alternative measures will be adopted)
	2. Replacing topsoil set aside during pad construction onto the final landform. (noting that topsoil was not
	with those natural slopes around the pads.
	1. Re-shaping the drill pads to remove their geometric shape and creating slopes comparable
	Rehabilitation will involve the following component activities.
	represented on site.
	grassland and the BC Act listed Monaro Tableland Cool Temperate Grassy Woodland CEEC, which is
	weed of national significance and a major threat to natural temperate
	A weed management plan will be prepared to control and prevent further spread of Serrated Tussock, a
	site.
	Locally occurring native plant species typical of the two PCTs found on site will be used in revegetation of th
	excluded from any further clearing.
	To protect the Monaro Tableland Cool Temperate Grassy Woodland CEEC, this portion of the site will be

Bulation	5		
Application ranking	Positive		
What is the confidence in predicting	Low	Are further	No
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	LowResilience	What is the	Medium
cope with impacts?		level of public	
		concern?	

Can the impacts be reversed?	Uncertain	Ranking of	Medium	
		potential		
		significance		
Can the impacts be mitigated?	Partly	Justification for r	Justification for ranking	
Do the operations comply with	Yes	The combination	The combination of agricultural and mineral exploration	
standards, plans, policies?		activities on a sensitive location such as this can have a compunding impact. The ecological values become threatened by the activities and there is uncertainty ho these values will react to the pressure.		

#### FORM: Brief NonCEA (v3.4)

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