

Monday 6 May 2024

Assessable Prospecting Operation Application Decision Briefing and Review of Environmental Factors document Sir Lancelot | APO0001747

Decision Maker	Christine Fawcett
Prepared by	Mark Greally
Title	EL 7355 (1992)
Authorised Representative	
Project name	Sir Lancelot
Activity type	Complying Exploration Activity

Issue

has sought an activity approval in respect of Sir Lancelot, within EL 7355 (1992), at Nymagee.

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 7355 (granted 24/06/2009 & expiry 24/06/2027) to undertake assessable prospecting operations.

The current security deposit held for EL 7355 is \$10,000.

The assessment has determined that the activity is not likely to significantly affect the environment, including threatened species or ecological communities (or their habitats), or declared areas of outstanding biodiversity value/critical habitat.

The assessment has determined that the activity is not likely to significantly affect the environment. An environmental impact statement (EIS) will not be required.

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 Sir Lancelot 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 applicant has indicated that the rehabilitation liability for the Sir Lancelot and any outstanding rehabilitation liabilities will not exceed \$30,000. An assessment of the security deposit required to secure funding for the fulfilment of obligations in relation to Sir Lancelot (if approved) is not necessary. This assessment under s.261BC of the Mining Act 1992 has determined that no change to the security deposit is required.

Assessment of Impacts (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.

Additional terms (if approved)

No additional terms are required.

Summary

Based on the information provided in the *APPLICATION TO UNDERTAKE ASSESSABLE PROSPECTING*OPERATIONS Sir Lancelot 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, Mark Greally, 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 Sir Lancelot 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*.

Review of Environmental Factors document

Criteria	Air Impacts: Air quality impacts (including impacts on nearby sensitive receptors).
Potential impacts	Particulates and emissions from vehicle exhausts, plant and machinery. Wind erosion and dust from disturbed soils during construction and operations. Dust from vehicles travelling over tracks. Dust generation from operating plant and machinery. Air quality impacts on nearby sensitive receivers.
Proposed management controls	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Activities must comply with cumulative AQ criteria. b. Emissions from the activities should not result in cumulative PM10 levels exceeding 50ug/m3 (24hr) or 30 ug/m3 (annual average) at any occupied residence. c. Emissions from the activities should not result in cumulative PM2.5 emissions exceeding 25 ug/m3 (24hr) or 8 ug/m3 (annual average) at any occupied residence. d. Vehicle speeds limited to minimise dust. e. Roads watered during high traffic periods. f. Surface disturbance managed in accordance with Blue Book. Impacts of any drilling limited to immediate vicinity of drilling due to controls set out in title conditions (Exploration Code of Practice: Environmental Management). Impacts negligible due to nature of drilling activities. All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity (including sealing of any boreholes).
Duration	Short term
Application ranking	

What is the confidence in			
predicting impacts?	High	Are further studies	No
		required on	
		impacts or	
How resilient is the environment to	N/A	mitigation? What is the	Uncertain
cope with impacts?	IN/A	level of	Oncertain
cope with impacts.		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
Can the impacts be mitigated?	Partly	significance Justification for	or ranking
Do the operations comply with	Yes	oustilleation is	or ranking
standards, plans, policies?			
Criteria	Air Impacts: Greenhouse or ozone impacts.		
Potential impacts	Emissions from combustion of fuel associate construction, operations and rehabilitation.	Fugitive meth	ane emissions from intercepted seams.
	Fugitive emissions of gases or vapour from o		
Proposed management controls	Activities must comply with CEA Location Re		
	exploration activities cannot be a CEA. C inconsequential in context of global emission		om activities are extremely limited and Restrictions on use of ozone
	depleting substances in NSW also limits ozo		All disturbed areas to be rehabilitated
	in accordance with title conditions (Exploration	on Code of Pract	ice: Rehabilitation). Rehabilitation to
5 "	occur as soon as practicable after completion	n of activity (inclu	iding sealing of any boreholes).
Duration Application ranking	Medium term atmospheric residence.		
Application ranking What is the confidence in	High	Are further	No
predicting impacts?	1 11911	studies	110
		required on	
		impacts or	
Harris and the Alexander and the	Lifet Designation	mitigation?	I I a series to
How resilient is the environment to cope with impacts?	High Resilience	What is the level of	Uncertain
cope with impacts:		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
can the impacts be reversed:	163		2011
can the impacts be reversed:	165	potential	2011
·		potential significance	
Can the impacts be mitigated?	Partly Yes	potential	
·	Partly Yes	potential significance Justification fo	or ranking
Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	Partly Yes Air Impacts: Additional impacts on areas with	potential significance Justification for degraded air qu	or ranking uality.
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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?	Partly Yes Air Impacts: Additional impacts on areas with Potential for temperature inversions in winter possible from exposed soils. Particulate generation from operating machinery, vehicle Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relev must comply with cumulative AQ criteria. cumulative PM10 levels exceeding 50ug/m3 residence. c. Emissions from the activities exceeding 25 ug/m3 (24hr) or 8 ug/m3 (annu speeds limited to minimise dust. e. Roads disturbance managed in accordance with Bluvicinity of drilling due to controls set out in Exmanagement (impacts negligible due to nature rehabilitated in accordance with title condition Rehabilitation to occur as soon as practicable boreholes). Short term	potential significance Justification for a degraded air quart to trap dust and emissions from vestravelling over estrictions, Impactice: Environment and requirements b. Emissions from (24hr) or 30 ug/r should not result all average) at all average at a watered during all average are of drilling actives (Exploration Code of the completion of the after completion of	ar particulates. Wind erosion rehicles and machinery. Dust tracks, etc. at Thresholds and Criteria. Activities and Management) as per the softhis Code include: a. Activities and this Code include: a. Activities and a coupled in cumulative PM2.5 emissions and occupied residence. d. Vehicle high traffic periods. f. Surface acts of any drilling limited to immediate of Practice: Environmental vities). All disturbed areas to be code of Practice: Rehabilitation). In of activity (including sealing of any
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	Partly Yes Air Impacts: Additional impacts on areas with Potential for temperature inversions in winter possible from exposed soils. Particulate generation from operating machinery, vehicle Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relev must comply with cumulative AQ criteria. cumulative PM10 levels exceeding 50ug/m3 residence. c. Emissions from the activities exceeding 25 ug/m3 (24hr) or 8 ug/m3 (annu speeds limited to minimise dust. e. Roads disturbance managed in accordance with Bluvicinity of drilling due to controls set out in Exmanagement (impacts negligible due to nature rehabilitated in accordance with title condition Rehabilitation to occur as soon as practicable boreholes). Short term	potential significance Justification for a degraded air quere to trap dust and emissions from vestravelling over estrictions, Impactice: Environment and requirements b. Emissions from (24hr) or 30 ug/r should not result all average) at an active and average at an active and active active and active and active active and active and active active active and active	ar particulates. Wind erosion rehicles and machinery. Dust stracks, etc. at Thresholds and Criteria. Activities and Management) as per the soft this Code include: a. Activities and the activities should not result in m3 (annual average) at any occupied in cumulative PM2.5 emissions by occupied residence. d. Vehicle high traffic periods. f. Surface acts of any drilling limited to immediate of Practice: Environmental vities). All disturbed areas to be code of Practice: Rehabilitation). In of activity (including sealing of any
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?	Partly Yes Air Impacts: Additional impacts on areas with Potential for temperature inversions in winter possible from exposed soils. Particulate generation from operating machinery, vehicle Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relev must comply with cumulative AQ criteria. cumulative PM10 levels exceeding 50ug/m3 residence. c. Emissions from the activities exceeding 25 ug/m3 (24hr) or 8 ug/m3 (annu speeds limited to minimise dust. e. Roads disturbance managed in accordance with Bluvicinity of drilling due to controls set out in Explanagement (impacts negligible due to nature habilitated in accordance with title condition Rehabilitation to occur as soon as practicable boreholes). Short term High Resilience	potential significance Justification for the degraded air quare to trap dust and emissions from vestravelling over estrictions, Impactice: Environment and requirements be a management of the degraded of the	particulates. Wind erosion ehicles and machinery. Dust tracks, etc. at Thresholds and Criteria. Activities tal Management) as per the sof this Code include: a. Activities in the activities should not result in m3 (annual average) at any occupied in cumulative PM2.5 emissions by occupied residence. d. Vehicle high traffic periods. f. Surface acts of any drilling limited to immediate of Practice: Environmental vities). All disturbed areas to be code of Practice: Rehabilitation). In of activity (including sealing of any luncertain
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	Partly Yes Air Impacts: Additional impacts on areas with Potential for temperature inversions in winter possible from exposed soils. Particulate generation from operating machinery, vehicle Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relev must comply with cumulative AQ criteria. cumulative PM10 levels exceeding 50ug/m3 residence. c. Emissions from the activities exceeding 25 ug/m3 (24hr) or 8 ug/m3 (annu speeds limited to minimise dust. e. Roads disturbance managed in accordance with Bluvicinity of drilling due to controls set out in Exmanagement (impacts negligible due to nature rehabilitated in accordance with title condition Rehabilitation to occur as soon as practicable boreholes). Short term	potential significance Justification for a degraded air quere to trap dust and emissions from vestravelling over estrictions, Impactice: Environment and requirements b. Emissions from (24hr) or 30 ug/r should not result all average) at an active and average at an active and active active and active and active active and active and active active active and active	ar particulates. Wind erosion rehicles and machinery. Dust tracks, etc. at Thresholds and Criteria. Activities and Management) as per the softhis Code include: a. Activities and this Code include: a. Activities and a coupled in cumulative PM2.5 emissions and occupied residence. d. Vehicle high traffic periods. f. Surface acts of any drilling limited to immediate of Practice: Environmental vities). All disturbed areas to be code of Practice: Rehabilitation). In of activity (including sealing of any

Can the impacts be mitigated?	Partly	Justification f	or ranking	
Do the operations comply with standards, plans, policies?	Yes			
Criteria	Water Impacts: Impacts from the use of surface or groundwater.			
Potential impacts	Water used for exploration not available for ecological, stock, domestic or irrigation purposes. Surface runoff can be sediment laden. Generally minimal surface water use (must be licensed or use of farm dams through landholder agreements). No use of groundwater but potential loss through produced water in drilling / deep excavation operations. Interception, cross contamination and/or depressurisation of groundwater systems in drilling operations. Groundwater			
	depressurisation effects on surface water. Mobilisation of pollutants (such as hydrocarbons surface water or aquifers.			
Proposed management controls	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Acti must comply with Exploration Code of Practice: Environmental Management as per the commit in the application (APO). Relevant requirements of this Code include: a. Activities must imple all measures to prevent causing any adverse impacts on water quality or quantity. b. Activit must not cause adverse impacts to livestock (including any adverse impacts on surface water supplies used by livestock). Water used for access track watering must be obtained from licensed source or farm dams (with consent of owner). Boreholes to be constructed, opera and decommissioned in accordance with authority/title conditions, Departmental Guidelines and Codes of Practice to protect groundwater/aquifers.			
Duration Application ranking	Short term			
What is the confidence in	High	Are further	No	
predicting impacts?		studies required on impacts or mitigation?		
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	Uncertain	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Fully	Justification f	or ranking	
Do the operations comply with	Yes			
standards, plans, policies? Criteria	Water Impacts: Impacts from storage of water	 er		
Potential impacts	Negligible and only localised impacts from si		Water used for exploration	
	farm dams through landholder agreements). produced water in drilling / deep excavation	ow rates and volunt minimal surface No use of groperations.	umes of a waterbody. Surface water use (must be licensed or use of roundwater but potential loss through	
Proposed management controls	with the title conditions. In addition, the Exp Management, Storage and Transfer applies management of produced water, or ii. activ (excluding the management of incidental grotemporarily contained in drilling sumps or ab compensation and landholder access arrangwater).	ractice: Environmy ant requirements using any adverse to livestock (incomparement and soloration Code of to i petroleum vities which requirement and sove ground tanks	nental Management as per the sof this Code include: a. Activities e impacts on water quality or quantity. Iuding any adverse impacts on surfactorage of produced water must comply Practice: Produced Water exploration which requires the re produced water to be stored on site with drilling fluids that can be so. Any impacts subject to	
Duration Application ranking	Short term			
What is the confidence in	High	Are further	No	
predicting impacts?	·	studies required on impacts or mitigation?		
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	Uncertain	
Can the impacts be reversed?	Yes	Ranking of potential	Low	
		significance		
Can the impacts be mitigated?	Fully	significance Justification f	or ranking	
Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	Fully Yes		or ranking	

Criteria	Water Impacts: Impacts from changes to nat	ural water bodies	s, wetlands or runoff patterns.	
Potential impacts	Negligible and only localised changes to surface flows rates and volumes. Surface runoff can be sediment laden. Generally minimal surface water use (must be licensed or use of farm dams through landholder agreements). Interception, cross contamination and/or depressurisation of			
	groundwater systems in drilling operations.			
Proposed management controls	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Actimust comply with Exploration Code of Practice: Environmental Management as per the commit in the application (APO). Relevant requirements of this Code include: a. Activities must imple			
	all measures to prevent causing any adverse impacts on water quality or quantity. b. sediment and erosion controls (including drainage from roads/access tracks) to be mana accordance with Blue Book. c. Existing access tracks to be used/upgraded wherever possible.			
	All management and storage of produced water must comply with the title conditions. In add the Exploration Code of Practice: Produced Water Management, Storage and Transfer application, i. petroleum exploration which requires the management of produced water, or ii. activities			
	require produced water to be stored on site (
Duration	mixed with drilling fluids that can be temporal Short term	rily contained in	drilling sumps or above ground tanks).	
Application ranking	CHOIC CHIII			
What is the confidence in	High	Are further	No	
predicting impacts?		studies		
		required on		
		impacts or		
Llow regilient is the environment to	Lligh Deciliones	mitigation?	Uncertain	
How resilient is the environment to cope with impacts?	High Resilience	What is the level of	Uncertain	
cope with impacts:		public		
		concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		potential		
		significance		
Can the impacts be mitigated?	Fully	Justification for	or ranking	
Do the operations comply with standards, plans, policies?	Yes			
Criteria	Water Impacts: Impacts from aquifer interfer	ence, including c	hanges to inter-aquifer connectivity.	
Potential impacts	No use of groundwater but potential loss thro operations. Interception, cross contamina drilling operations. Groundwater depressuris pollutants (such as hydrocarbons) in surface	ation and/or depr ation effects on s	essurisation of groundwater systems in surface water. Mobilisation of	
Proposed management controls	Activities must comply with CEA Location Remust comply with (Exploration Code of Pract	strictions, Impac	t Thresholds and Criteria. Activities	
	commitment in the application (APO). Relev must implement all measures to prevent cau	ant requirements	of this Code include: a. Activities	
	b. Activities must minimise cross connection	of aquifers or gro	oundwater sources. c. Activities must	
	minimise any depressurisation of aquifers or holders must prepare and implement and Gr	oundwater Monit	oring & Modelling Plan in consultation	
	with NSW Office of Water. Boreholes to accordance with authority/title conditions, De		perated and decommissioned in elines and Codes of Practice to protect	
	groundwater/aquifers.			
Duration	Short term			
Application ranking	L BL	A formation	NI.	
What is the confidence in	High	Are further	No	
predicting impacts?		studies		
		required on		
!		required on impacts or		
		impacts or		
How resilient is the environment to	High Resilience	•	Uncertain	
How resilient is the environment to cope with impacts?	High Resilience	impacts or mitigation?	Uncertain	
	High Resilience	impacts or mitigation? What is the level of public	Uncertain	
cope with impacts?	ū	impacts or mitigation? What is the level of public concern?		
	High Resilience Yes	impacts or mitigation? What is the level of public concern? Ranking of	Uncertain	
cope with impacts?	ū	impacts or mitigation? What is the level of public concern? Ranking of potential		
cope with impacts? Can the impacts be reversed?	Yes	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?	Yes	impacts or mitigation? What is the level of public concern? Ranking of potential	Low	
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	Yes Fully Yes	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Low or ranking	
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	Yes	impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Low or ranking mes.	

Proposed management controls Duration	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Activities must implement all measures to prevent causing any adverse impacts on water quality or quantity. b. All sediment and erosion controls (including drainage from roads/access tracks) to be managed in accordance with Blue Book. c. Existing access tracks to be used/upgraded wherever possible. All management and storage of produced water must comply with the title conditions. In addition, the Exploration Code of Practice: Produced Water Management, Storage and Transfer applies to i. petroleum exploration which requires the management of produced water, or ii. activities which require produced water to be stored on site (excluding the management of incidental groundwater mixed with drilling fluids that can be temporarily contained in drilling sumps or above ground tanks).		
Application ranking	Short term		
	18.4	A Ctl	I NI.
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?	High Resilience	What is the level of public concern?	Uncertain
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies?	Water less acts. Increase from about a con-	<u> </u>	akan awaliku anal awankiku
Potential impacts	Water Impacts: Impacts from changes in sur Water used for exploration temporarily not a		1 7 1 7
Proposed management controls	landholder agreements). No use of groundwater but potential loss through produced water in drilling / deep excavation operations. Interception, cross contamination and/or depressurisation of groundwater systems in drilling operations. Groundwater depressurisation effects on surface water. Mobilisation of pollutants (such as hydrocarbons) in surface water or aquifers. Ford across creeks can cause stream bank erosion from vehicle wash. Inappropriate disposal of drilling wastes / overflow from drilling sumps. Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Activities		
Duration	must implement all measures to prevent caub. Activities must minimise cross connection minimise any depressurisation of aquifers of holders must prepare and implement and Gwith NSW Office of Water. e. All sedime Book to minimise off-site impacts. Short term	of aquifers or gr groundwater so roundwater Monit	oundwater sources. c. Activities must urces. d. Coal and petroleum title
Application ranking			T.v.
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?	High Resilience	What is the level of public concern?	Uncertain
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies? Criteria	Soil & Stability Impacts: Degradation of soil acidification).		
Potential impacts	acidification). Soil erosion and sediment laden runoff from disturbed areas / areas where vegetation has been removed. Mobilisation of pollutants (such as hydrocarbons) in soils. Inappropriate disposal of drilling wastes / overflow from drilling sumps. Exposure of acid sulfate soils. Soil compaction from construction/operations. Impacts on land with high agricultural capability.		

Proposed management controls	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Minimising vegetation clearing and surface disturbance. b. Prevent causing any land degradation or pollution/contamination of land or water. b. All sediment and erosion controls (including drainage from roads/access tracks) to be managed in accordance with Blue Book. c. Existing access tracks to be used/upgraded wherever possible. d. Controls on sumps and management of chemicals to significantly reduce risk to soils. All management and storage of produced water must comply with the title conditions. In addition, the Exploration Code of Practice: Produced Water Management, Storage and Transfer applies to i. petroleum exploration which requires the management of produced water, or ii. activities which require produced water to be stored on site (excluding the management of incidental groundwater mixed with drilling fluids that can be temporarily contained in drilling sumps or above ground tanks). All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity (including sealing of any boreholes).		
Duration	Short term		
Application ranking	T.P. I		L
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?	High Resilience	What is the level of public concern?	Uncertain
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	Fully Yes	Justification fo	or ranking
Criteria	Soil & Stability Impacts: Impacts on land with	h high agricultura	l capability.
Proposed management controls	Areas used for exploration activities, access tracks, etc temporarily not available for agricultural production. Temporary loss of use of land. Mobilisation of pollutants (such as hydrocarbons) in soils, air or waters. Inappropriate disposal of drilling wastes / overflow from drilling sumps. Use of pesticides, herbicides, fertilisers or other chemicals have the potential to build up residues in the environment, including in soils and water. Short term noise, air quality and visual impacts. Soil erosion and sediment laden runoff from disturbed areas, that could lead to soil or water contamination or land degradation. Exposure of acid sulfate soils. Spread of weeds, pest animals and animal/plant diseases. Disruption to agricultural / livestock operations. Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activitie must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include minimising potential impacts on the environment (including livestock protection, control of weeds, pest animals diseases, etc - and use of above-ground sumps required on BSAL. Impacts limited to activity site and subject to compensation and landholder access arrangements. All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity (including sealing of any		
Duration	boreholes). Short term		
Application ranking			
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?	High Resilience	What is the level of public concern?	Uncertain
Can the impacts be reversed?	Yes	Ranking of potential	Low
		significance	
Can the impacts be mitigated?	Fully	significance Justification for	or ranking
Do the operations comply with	Fully Yes		or ranking
		Justification for	on.

Proposed management controls Duration	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Minimising vegetation clearing and surface disturbance. b. Prevent causing any land degradation or pollution/contamination of land or water. c. All sediment and erosion controls (including drainage from roads/access tracks) to be managed in accordance with Blue Book. d. Existing access tracks to be used/upgraded wherever possible. All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity (including sealing of any boreholes).		
Application ranking	LP of	A Ctl	I M.
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?	High Resilience	What is the level of public concern?	Uncertain
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Soil & Stability Impacts: Loss of structural int	tegrity of the soil.	
Potential impacts	Soil compaction from access traffic, use of p areas / areas where vegetation has been rer hydrocarbons) in soils.		ery. Soil erosion from disturbed isation of pollutants (such as
Proposed management controls	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Minimising vegetation clearing and surface disturbance. b. Prevent causing any land degradation or pollution/contamination of land or water. b. All sediment and erosion controls (including drainage from roads/access tracks) to be managed in accordance with Blue Book. c. Existing access tracks to be used/upgraded wherever possible. d. Controls on sumps and management of chemicals to significantly reduce risk to soils. All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity (including sealing of any boreholes). Deep ripping of any access tracks which need to be rehabilitated can remediate compaction impacts.		
Duration	Impact generally limited due to low traffic null Short term	ilibers and short	term nature of exploration.
Application ranking	Oner term		
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	
How resilient is the environment to cope with impacts?	High Resilience	What is the Uncertain level of public concern?	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies? Criteria	Soil & Stability Impacts: Increased land insta	 hility with high rig	ske from land slides or subsidence
Potential impacts			
Proposed management controls	Minimal potential impacts. Soil erosion from disturbed areas / areas where vegetation has been removed. Negligible impacts from induced seismicity or ground movements associated with the activity, extraction of groundwater, etc. Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activitie must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Minimising vegetation clearing and surface disturbance. b. Prevent causing any land degradation or pollution/contamination of land or water. c. All sediment and erosion controls (including drainag from roads/access tracks) to be managed in accordance with Blue Book (includes controls to manage instability risks). d. Existing access tracks to be used/upgraded wherever possible. e. Controls on sumps and management of chemicals to significantly reduce risk to soils. All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity (including sealing of any boreholes).		

Duration	Short term		
Application ranking	- Chort term		
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?	High Resilience	What is the level of public concern?	Uncertain
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Noise & Vibration Impacts: Results in increase	sed noise or vibra	ation.
Potential impacts	have vibration and overpressure impacts wh	establishments, mensive livestock a filling unlikely to d ich may impact v	nedical facilities, places of worship, agriculture, etc. Percussion drilling cause vibration impacts . Shots bibration sensitive sites. Vibroseis
Proposed management controls	machinery has vibration impacts which may impact vibration sensitive sites. Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Implementing all practicable measures to ensure noise levels meet acceptable criteria for sensitive receivers. b. Notifying potentially affected landholders at least 24hrs prior to detonating explosives c. Compliance with Interim Construction Noise Guidelines and/or EPL and/or landholder agreements. d. Ground vibration thresholds limited to 5 mm/s (peak particle velocity) at any residence/sensitive receiver. e. Ground vibration thresholds limited to 3 mm/s for any item of Aboriginal / European heritage significance or cliff line greater than 4m in height. f. Vibrating machinery not to be used within 200m of sensitive receivers, item/place of Aboriginal / European heritage significance or any cliff line greater than 4m in height. Impacts limited to immediate		
Duration	vicinity of exploration activity. Short term		
Application ranking	Chort term		
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?	High Resilience	What is the level of public concern?	Uncertain
One district		Concerns	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Ranking of potential	
Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	Fully Yes	Ranking of potential significance Justification f	
Can the impacts be mitigated? Do the operations comply with	Fully	Ranking of potential significance Justification f	
Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	Fully Yes Noise & Vibration Impacts: Affects sensitive Noise from vehicles, plant and machinery receivers, such as residences, educational e animal boarding/training establishments, inte	Ranking of potential significance Justification for potential significance Justification for potential significance for potential	able impacts on nearby sensitive nedical facilities, places of worship, agriculture, etc. Percussion drilling cause vibration impacts . Shots ibration sensitive sites. Vibroseis
Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls	Fully Yes Noise & Vibration Impacts: Affects sensitive Noise from vehicles, plant and machinery reserceivers, such as residences, educational eanimal boarding/training establishments, intecan have localised vibration impacts. Drhave vibration and overpressure impacts who machinery has vibration impacts which may Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relev Implementing all practicable measures to enreceivers. b. Notifying potentially affected a c. Compliance with Interim Construction Nois agreements. d. Ground vibration thresholds residence/sensitive receiver. e. Ground vib Aboriginal / European heritage significance of machinery not to be used within 200m of senheritage significance or any cliff line greater vicinity of exploration activity.	Ranking of potential significance Justification for the potential significance Justification for the potential significance Justification for the potential significance and the potential significance is and the potential significance is and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is significant thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is line to the potential	able impacts on nearby sensitive nedical facilities, places of worship, griculture, etc. Percussion drilling cause vibration impacts. Shots ibration sensitive sites. Vibroseis sensitive sites. It Thresholds and Criteria. Activities tal Management) as per the sof this Code include: a. The end of the compact of the compa
Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts	Fully Yes Noise & Vibration Impacts: Affects sensitive Noise from vehicles, plant and machinery reserceivers, such as residences, educational eanimal boarding/training establishments, intecan have localised vibration impacts. Drhave vibration and overpressure impacts who machinery has vibration impacts which may Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relev Implementing all practicable measures to enreceivers. b. Notifying potentially affected acc. Compliance with Interim Construction Nois agreements. d. Ground vibration thresholds residence/sensitive receiver. e. Ground vib Aboriginal / European heritage significance or machinery not to be used within 200m of serheritage significance or any cliff line greater in	Ranking of potential significance Justification for the potential significance Justification for the potential significance Justification for the potential significance and the potential significance is and the potential significance is and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is significant thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is limited to 5 mm ration thresholds or cliff line greate and the potential significance is line to the potential	able impacts on nearby sensitive nedical facilities, places of worship, griculture, etc. Percussion drilling cause vibration impacts. Shots ibration sensitive sites. Vibroseis sensitive sites. It Thresholds and Criteria. Activities tal Management) as per the sof this Code include: a. The end of the compact of the compa

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?	High Resilience	What is the level of public concern?	Uncertain
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification for	or ranking
Do the operations comply with standards, plans, policies?	Yes		<u> </u>
Criteria	Coastal Location & Processes: Affects coast under projected climate change conditions.	al processes and	d coastal hazards, including those
Potential impacts	Activities along the coastline / floodways have levels and increased storm activity under pro- increased erosion along the coastline / flood	jected climate ch	
Proposed management controls	Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Releve must implement all measures to prevent caub. All sediment and erosion controls (includin accordance with Blue Book. CO2 emissi inconsequential in context of global emission depleting substances in NSW also limits ozo in accordance with title conditions (Exploration occur as soon as practicable after completion)	tice: Environment rant requirements sing any adverse ng drainage from ons from activitie ns and impact. ne depletion. on Code of Pract	tal Management) as per the s of this Code include: a. Activities impacts on water quality or quantity. roads/access tracks) to be managed in s are extremely limited and Restrictions on use of ozone All disturbed areas to be rehabilitated ice: Rehabilitation). Rehabilitation to
Duration	Short term	(·······g·····g··· ,
Application ranking			
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?	High Resilience	What is the level of public concern?	Uncertain
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	Fully Yes	Justification for	•
Criteria	Hazardous substances or chemicals: Impact transport of hazardous substances or chemicals	cals.	
Potential impacts	Mobilisation of pollutants (such as hydrocarb drilling wastes / overflow from drilling sumps chemicals have the potential to build up resident	. Use of pest dues in the environ	ticides, herbicides, fertilisers or other onment, including in soils and water.
Proposed management controls	Activities must comply with CEA Location Remust comply with (Exploration Code of Practicommitment in the application (APO). Relevicontamination of the environment by the relevant preventing any land degradation or pollution sumps and management of chemicals to sig pesticides, herbicides, fertilisers or other chewastes+A34 (including any drilling by-produlawfully. All management and storage of In addition, the Exploration Code of Practice applies to i. petroleum exploration which reactivities which require produced water to be	ice: Environment vant requirements vase of chemicals /contamination o inficantly reduce emicals must comets) to be collected produced water : Produced Wate equires the mana	tal Management) as per the s of this Code include: a. Preventing s, fuels, other potential pollutants. b. f land or water. c. Controls on risk to environment. d. Use of apply with legislative requirements. e. ed, segregated and disposed of must comply with the title conditions. In Management, Storage and Transfer agement of produced water, or ii.
	groundwater mixed with drilling fluids that ca ground tanks). All disturbed areas to be (Exploration Code of Practice: Rehabilitation completion of activity.	rehabilitated in a	ccordance with title conditions
Duration Application ranking	groundwater mixed with drilling fluids that ca ground tanks). All disturbed areas to be (Exploration Code of Practice: Rehabilitation	rehabilitated in a	ccordance with title conditions

What is the confidence in	Link	Are further	N ₀	
predicting impacts?	High	Studies	No	
predicting impacts?		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	High Resilience	What is the	Uncertain	
cope with impacts?	High Resilience	level of	Uncertain	
cope with impacts?				
		public concern?		
Can the imposts be reversed?	Yes		Low	
Can the impacts be reversed?	Tes	Ranking of potential	LOW	
		significance		
Can the impacts be mitigated?	Fully	Justification f	or ranking	
Do the operations comply with	Yes	Justilication	or ranking	
standards, plans, policies?	165			
Criteria	Wastes & Emissions: Impacts to the environ	ment resulting fro	om the generation or disposal of	
Onteria	wastes.	mont resulting in	on the generation of disposar of	
Potential impacts	Mobilisation of pollutants (such as hydrocart	one) in soils air	or waters. Inappropriate disposal of	
i otentiai impacts	drilling wastes / overflow from drilling sumps		nissions of gases or vapour from drilling	
			erbicides, fertilisers or other chemicals	
	have the potential to build up residues in the			
Proposed management controls	Activities must comply with CEA Location Re			
roposou management controls	must comply with (Exploration Code of Pract			
	commitment in the application (APO). Relev			
	contamination of the environment by the rele			
	Preventing any land degradation or pollution			
	sumps and management of chemicals to sig			
	pesticides, herbicides, fertilisers or other che			
	Wastes (including any drilling by-products) to be collected, segregated and disposed of la All management and storage of produced water must comply with the title conditions. In a			
	All management and storage of produced wa	ater must comply	with the title conditions. In addition.	
	the Exploration Code of Practice: Produced	Water Managem	ent, Storage and Transfer applies to	
	the Exploration Code of Practice: Produced i. petroleum exploration which requires the n	Water Management of p	ent, Storage and Transfer applies to roduced water, or ii. activities which	
	the Exploration Code of Practice: Produced i. petroleum exploration which requires the n require produced water to be stored on site (Water Management of postport of postport of the management of the	ent, Storage and Transfer applies to roduced water, or ii. activities which anagement of incidental groundwater	
	the Exploration Code of Practice: Produced i. petroleum exploration which requires the n require produced water to be stored on site mixed with drilling fluids that can be temporar	Water Managem nanagement of p (excluding the ma arily contained in	ent, Storage and Transfer applies to roduced water, or ii. activities which anagement of incidental groundwater drilling sumps or above ground tanks).	
	the Exploration Code of Practice: Produced i. petroleum exploration which requires the n require produced water to be stored on site (Water Managem nanagement of p (excluding the ma rily contained in ordance with title	ent, Storage and Transfer applies to roduced water, or ii. activities which anagement of incidental groundwater drilling sumps or above ground tanks). conditions (Exploration Code of	
Duration	the Exploration Code of Practice: Produced i. petroleum exploration which requires the n require produced water to be stored on site mixed with drilling fluids that can be tempora All disturbed areas to be rehabilitated in according to the control of the contro	Water Managem nanagement of p (excluding the ma rily contained in ordance with title	ent, Storage and Transfer applies to roduced water, or ii. activities which anagement of incidental groundwater drilling sumps or above ground tanks). conditions (Exploration Code of	
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Application ranking	the Exploration Code of Practice: Produced i. petroleum exploration which requires the n require produced water to be stored on site mixed with drilling fluids that can be tempora All disturbed areas to be rehabilitated in accepractice: Rehabilitation). Rehabilitation to oc Short term	Water Managem- nanagement of p (excluding the ma rily contained in ordance with title ccur as soon as p	ent, Storage and Transfer applies to roduced water, or ii. activities which anagement of incidental groundwater drilling sumps or above ground tanks). conditions (Exploration Code of tracticable after completion of activity.	
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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	the Exploration Code of Practice: Produced i. petroleum exploration which requires the n require produced water to be stored on site of mixed with drilling fluids that can be temporal All disturbed areas to be rehabilitated in accepractice: Rehabilitation). Rehabilitation to occonstructions of Short term High High Resilience Yes Fully Yes Wastes & Emissions: Impacts on drinking wariparian zones or flood prone areas. Negligible and only localised changes to draexploration temporarily not available for ecol Surface runoff can be sediment laden from a Generally minimal surface water use (must be agreements). No use of groundwater but excavation operations. Interception, cross	Water Management of p (excluding the matrily contained in ordance with title cur as soon as p Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the public concern in the public concern? Ranking of potential significance concern in the public concern? In the public concern? Ranking of potential significance concern in the public concern? Ranking of potential significance concern in the public concern i	ent, Storage and Transfer applies to roduced water, or ii. activities which anagement of incidental groundwater drilling sumps or above ground tanks). conditions (Exploration Code of tracticable after completion of activity. No Uncertain Low or ranking wetlands, natural water bodies, ling regime. Water used for mestic or irrigation purposes. etation has been removed. e of farm dams through landholder rough produced water in drilling / deep and/or depressurisation of	
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	the Exploration Code of Practice: Produced i. petroleum exploration which requires the n require produced water to be stored on site of mixed with drilling fluids that can be temporal All disturbed areas to be rehabilitated in accepractice: Rehabilitation). Rehabilitation to occonstructions of the production of the p	Water Management of post post post post post post post post	ent, Storage and Transfer applies to roduced water, or ii. activities which anagement of incidental groundwater drilling sumps or above ground tanks). conditions (Exploration Code of tracticable after completion of activity. No Uncertain Low or ranking wetlands, natural water bodies, ling regime. Water used for mestic or irrigation purposes. etation has been removed. e of farm dams through landholder rough produced water in drilling / deep and/or depressurisation of pressurisation effects on surface water.	
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	the Exploration Code of Practice: Produced i. petroleum exploration which requires the n require produced water to be stored on site of mixed with drilling fluids that can be temporal All disturbed areas to be rehabilitated in accepractice: Rehabilitation). Rehabilitation to occonstructions of Short term High High Resilience Yes Fully Yes Wastes & Emissions: Impacts on drinking wariparian zones or flood prone areas. Negligible and only localised changes to draexploration temporarily not available for ecol Surface runoff can be sediment laden from a Generally minimal surface water use (must be agreements). No use of groundwater but excavation operations. Interception, cross	Water Management of possible feedback of possible feedback of public concern? Ranking of public concern? Ranking of potential significance Justification feedback of public concern? Ranking of potential significance concern? Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification feedback or use to potential loss the potential loss the potential loss the secontamination Groundwater depons) in surface we have poons) in surface we will be suffaced to the potential loss the	ent, Storage and Transfer applies to roduced water, or ii. activities which anagement of incidental groundwater drilling sumps or above ground tanks). conditions (Exploration Code of tracticable after completion of activity. No Uncertain Low or ranking wetlands, natural water bodies, ling regime. Water used for mestic or irrigation purposes. etation has been removed. e of farm dams through landholder rough produced water in drilling / deep and/or depressurisation of pressurisation effects on surface water.	

Proposed management controls	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Activities must implement all measures to prevent causing any adverse impacts on water quality or quantity. b. All sediment and erosion controls (including drainage from roads/access tracks) to be managed in accordance with Blue Book. All management and storage of produced water must comply with the title conditions. In addition, the Exploration Code of Practice: Produced Water Management, Storage and Transfer applies to i. petroleum exploration which requires the management of produced water, or ii. activities which require produced water to be stored on site (excluding the management of incidental groundwater mixed with drilling fluids that can be temporarily contained in drilling sumps or above ground tanks). All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity.			
Duration Application replains	Snort term			
Application ranking	LE als	A Ctl	L NI.	
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No	
How resilient is the environment to	High Resilience	What is the	Uncertain	
cope with impacts?		level of		
		public		
Can the impacts be reversed?	Yes	concern? Ranking of potential significance	Low	
Can the impacts be mitigated?	Fully	Justification f	r ranking	
Do the operations comply with	Yes	oustineation is	or ranking	
standards, plans, policies?	1.00			
Criteria	Wastes & Emissions: Impacts on groundwat	er recharge area	s or areas with high water table.	
Proposed management controls	produced water in drilling / deep excavation operations. Interception, cross contamination and/ordepressurisation of groundwater systems in drilling operations. Groundwater depressurisation effects on surface water. Mobilisation of pollutants (such as hydrocarbons) in surface water or aquifers. Inappropriate disposal of drilling wastes / overflow from drilling sumps. Vegetation clearance in recharge areas can increase salinity. Acid drainage due to exposure of acid sulfate soils. Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Activities must implement all measures to prevent causing any adverse impacts on water quality or quantity. All management and storage of produced water must comply with the title conditions. In addition, the Exploration Code of Practice: Produced Water Management, Storage and Transfer applies to i. petroleum exploration which requires the management of produced water, or ii. activities which require produced water to be stored on site (excluding the management of incidental groundwater mixed with drilling fluids that can be temporarily contained in drilling sumps or above ground tanks) Boreholes to be constructed, operated and decommissioned in accordance with authority/title conditions, Departmental Guidelines and Codes of Practice to protect groundwater/aquifers. Drill			
Duration	holes to be cased where aquifers intercepted Short term	u (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	t on recharge and samily).	
Application ranking	onore torm			
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?	High Resilience	What is the level of public concern?	Uncertain	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Fully	Justification f	or ranking	
Do the operations comply with standards, plans, policies? Criteria	Yes Wastes and Emissions: Impacts on coastline	es or dunes alnir	ne areas, karst features or other unique	
- itoria	Wastes and Emissions: Impacts on coastlines or dunes, alpine areas, karst features or other unique landforms.			

Potential imports	Negligible and only localised impacts on union	aug landforma	Mobilisation of pollutants in soils,			
Potential impacts			d visual impacts. Particulate			
	emissions from plant and machinery; fugitive	e emissions of ga	ses or vapour from drilling operations			
			len runoff from disturbed areas, that			
	could lead to soil or water contamination or I		Exposure of acid sulfate soils. Damage to structures and sensitive			
		Spread of weeds, pest animals and animal/plant diseases. Damage to structures and ser features, such as unique landforms. Activities along the coastline / floodways have the post-				
	to exacerbate coastal erosion (rising sea lev					
	change conditions could result in increased					
Proposed management controls	Impact limited to activity site and subject to o	compensation an	d landholder access arrangements.			
	Activities must comply with CEA Location Re					
	must comply with (Exploration Code of Practice (APC)					
			s to be rehabilitated in accordance with			
	title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity (including sealing of any boreholes).					
Duration	Short term					
Application ranking						
What is the confidence in	High	Are further	No			
predicting impacts?		studies				
		required on				
		impacts or mitigation?				
How resilient is the environment to	High Resilience	What is the	Uncertain			
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 f	ı or ranking			
Do the operations comply with	Yes	oustinoution i	or runking			
standards, plans, policies?						
Criteria	Wastes & Emissions: Impacts on erosion pro	one areas, areas	with slopes of greater than 18			
B	degrees.					
Potential impacts			en runoff from disturbed areas / areas utants (such as hydrocarbons) in soils.			
	Riverbed / riparian zone disturbance from us					
Proposed management controls	Activities must comply with CEA Location Re					
3	permitted on slopes exceeding 18 degrees.		st comply with (Exploration Code of			
	Practice: Environmental Management) as pe					
	requirements of this Code include: a. Minin					
	Prevent causing any land degradation or pol sediment and erosion controls (including dra	llution/contamina	tion of land or water. c. All			
	accordance with Blue Book (includes control					
	tracks to be used/upgraded wherever possib		ped areas to be rehabilitated in			
	accordance with title conditions (Exploration					
	occur as soon as practicable after completio	n of activity (inclu	uding sealing of any boreholes).			
Duration	Short term					
Application ranking What is the confidence in	Lliab	A wa fuuthau	No			
predicting impacts?	High	Are further studies	I NO			
predicting impacts:		required on				
		impacts or				
		mitigation?				
How resilient is the environment to	High Resilience	What is the	Uncertain			
cope with impacts?		level of				
		public				
	1	concern?				
Can the impacts he reversed?	Vac		I I OW			
Can the impacts be reversed?	Yes	Ranking of	Low			
Can the impacts be reversed?	Yes	Ranking of potential	Low			
	Yes	Ranking of				
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?	Fully Yes	Ranking of potential significance Justification f				
Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	Fully Yes Wastes & Emissions: Impacts on subsidence	Ranking of potential significance Justification for some or slip areas.	or ranking			
Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	Fully Yes	Ranking of potential significance Justification for a constitution of the const	or ranking as been removed may increase risk of			

Potential impacts Veg unlii from Proposed management controls Active mus com vego pollu from	ly stes & Emissions: Impacts on areas with a getation removal unlikely to exacerbate ac ikely to exacerbate acid sulfate or sodicity in disturbed areas / areas where vegetatio ivities must comply with CEA Location Re st comply with (Exploration Code of Praction inmitment in the application (APO). Releva	cid sulfate or sod r issues. Soi on has been remo estrictions, Impac	odic or highly permeable soils. icity issues. Drilling activities I erosion and sediment laden runoff oved.	
Do the operations comply with standards, plans, policies? Criteria Was Potential impacts Veg unliif from Proposed management controls Active mus com veg pollu from	stes & Emissions: Impacts on areas with a getation removal unlikely to exacerbate actively actively of the students of the student	Justification for acid sulphate, so cid sulfate or sod rissues. Soi on has been remeastrictions, Impacts	odic or highly permeable soils. icity issues. Drilling activities I erosion and sediment laden runoff oved.	
Do the operations comply with standards, plans, policies? Criteria Was Potential impacts Veg unliif from Proposed management controls Active mus com veg pollu from	stes & Emissions: Impacts on areas with a getation removal unlikely to exacerbate actively actively of the students of the student	acid sulphate, so cid sulfate or sod rissues. Soi on has been remo estrictions, Impac	odic or highly permeable soils. icity issues. Drilling activities I erosion and sediment laden runoff oved.	
standards, plans, policies? Criteria Was Potential impacts Veg unliif from Proposed management controls Active mus com vego pollu from	getation removal unlikely to exacerbate ac ikely to exacerbate acid sulfate or sodicity in disturbed areas / areas where vegetatio ivities must comply with CEA Location Re st comply with (Exploration Code of Praction inmitment in the application (APO). Releva	cid sulfate or sod r issues. Soi on has been remo estrictions, Impac	icity issues. Drilling activities I erosion and sediment laden runoff oved.	
Potential impacts Veg unlii from Proposed management controls Active mus com vego pollu from	getation removal unlikely to exacerbate ac ikely to exacerbate acid sulfate or sodicity in disturbed areas / areas where vegetatio ivities must comply with CEA Location Re st comply with (Exploration Code of Praction inmitment in the application (APO). Releva	cid sulfate or sod r issues. Soi on has been remo estrictions, Impac	icity issues. Drilling activities I erosion and sediment laden runoff oved.	
Proposed management controls Active must comvege pollufrom	Kely to exacerbate acid sulfate or sodicity or disturbed areas / areas where vegetatio ivities must comply with CEA Location Rest comply with (Exploration Code of Praction mitment in the application (APO). Relevation (APO).	r issues. Soi on has been remo estrictions, Impac	l erosion and sediment laden runoff oved.	
Proposed management controls Actimus comvege pollufrom	ivities must comply with CEA Location Re st comply with (Exploration Code of Practi nmitment in the application (APO). Releva	estrictions, Impac		
sign cond prac shoi	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Minimising vegetation clearing and surface disturbance. b. Prevent causing any land degradation or pollution/contamination of land or water. c. All sediment and erosion controls (including drainage from roads/access tracks) to be managed in accordance with Blue Book. d. Existing access tracks to be used/upgraded wherever possible. e. Controls on sumps and management of chemicals to significantly reduce risk to soils. All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity. Impacts generally limited due to low traffic numbers and short term nature of exploration.			
	ort term			
Application ranking				
What is the confidence in predicting impacts?	h	Are further studies required on impacts or mitigation?	No	
How resilient is the environment to cope with impacts?	h Resilience	What is the level of public concern?	Uncertain	
Can the impacts be reversed? Yes		Ranking of potential significance	Low	
Can the impacts be mitigated? Fully	,	Justification for	or ranking	
Do the operations comply with Yes	6			
standards, plans, policies? Criteria Was	stos & Emissions: Imposto on arosa with	calinity or nators	ial calinity problems	
Proposed management controls Active mus com vego pollit from and reha	Wastes & Emissions: Impacts on areas with salinity or potential salinity problems. Activities unlikely to exacerbate salinity problems. Vegetation removal may reduce vegetation drawdown of water table. Spills of saline produced water. Vegetation removal unlikely to exacerbate acid sulfate or sodicity issues. Soil erosion and sediment laden runoff from disturbed areas / areas where vegetation has been removed. Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Minimising vegetation clearing and surface disturbance. b. Prevent causing any land degradation or pollution/contamination of land or water. c. All sediment and erosion controls (including drainage from roads/access tracks) to be managed in accordance with Blue Book. d. Controls on sumps and management of chemicals to significantly reduce risk to soils. All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity.			
	ort term	c. completio	··	
Application ranking	or tom			

What is the confidence in predicting impacts?	High	Are further studies required on impacts or	No	
		mitigation?		
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public	Uncertain	
0 41 1	V	concern?	1	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Fully	Justification f	or ranking	
Do the operations comply with	Yes		or running	
standards, plans, policies?	165			
Criteria Criteria	Wastes & Emissions: Impacts on areas with	degraded or con	taminated land	
Potential impacts	·			
	Activity unlikely to result in any change to existing contaminated soils or migration of contaminant Soil erosion and sediment laden runoff from disturbed areas / areas where vegetation has been removed. Mobilisation of pollutants (such as hydrocarbons) in soils. Inappropriate disposi of drilling wastes / overflow from drilling sumps. Exposure of acid sulfate soils. Soil compaction from construction / operations. Vegetation removal unlikely to have any impact or contaminated soils.			
Proposed management controls	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Minimising vegetation clearing and surface disturbance. b. Prevent causing any land degradation or pollution/contamination of land or water. c. All sediment and erosion controls (including drainage from roads/access tracks) to be managed in accordance with Blue Book. d. Controls on sumps and management of chemicals to significantly reduce risk to soils. All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity. Impacts generally limited due to short term nature of exploration. Activity unlikely to exacerbate any existing			
Duration	contamination. Short term			
Application ranking	Short term			
What is the confidence in	High	Are further	No	
predicting impacts?	ngii	studies required on impacts or mitigation?	NO	
How resilient is the environment to	High Resilience	What is the	Uncertain	
cope with impacts?	· · · · · · · · · · · · · · · · · · ·	level of public concern?		
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Fully	Justification f	or ranking	
Do the operations comply with standards, plans, policies?	Yes		-	
Criteria	Wastes & Emissions: Impacts on areas with	degraded or con	taminated water (ground or surface).	
Potential impacts	Wastes & Emissions: Impacts on areas with degraded or contaminated water (ground or surface). Activities unlikely to have any additional impacts on areas with existing degraded or contaminated water (ground or surface). Boreholes to be cased when aquifers intercepted. Surface runoff car be sediment laden from areas where vegetation has been removed. Interception, cross contamination and/or depressurisation of groundwater systems in drilling operations. Groundwater depressurisation effects on surface water. Mobilisation of pollutants (such as hydrocarbons) in surface water or aquifers. Inappropriate disposal of drilling wastes / overflow from drilling sumps. Excavations excluded from acid sulfate soils.			

Proposed management controls Duration	Book to minimise off-site impacts. Borel in accordance with authority/title conditions, protect groundwater/aquifers. All management the title conditions. In addition, the Explorationate Storage and Transfer applies to in petroleuproduced water, or ii. activities which requimanagement of incidental groundwater mixed	tice: Environment vant requirements using any adverse of aquifers or great groundwater Moniton and erosion complets to be const. Departmental Gugement and storation Code of Practim exploration white ed with drilling fluth disturbed area. E. Rehabilitation). ding sealing of ar	tal Management) as per the s of this Code include: a. Activities e impacts on water quality or quantity. oundwater sources. c. Activities must urces. d. Coal and petroleum title toring & Modelling Plan in consultation ontrols to be in accordance with Blue ructed, operated and decommissioned uidelines and Codes of Practice to ige of produced water must comply with tice: Produced Water Management, inch requires the management of er to be stored on site (excluding the ids that can be temporarily contained in is to be rehabilitated in accordance with Rehabilitation to occur as soon as my boreholes). Activities unlikely to
Application ranking What is the confidence in	Lliab	A wa fuutha u	No
predicting impacts?	High	Are further studies required on impacts or mitigation?	No
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	Uncertain
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies? Criteria	Vegetation: Any clearing or modification of v		
	remnant vegetation & habitat for species of		
Potential impacts	remnant vegetation. Areas used for expl fauna habitat. Mobilisation of pollutants of potentially impact fauna. Drilling sumpsof herbicides, fertilisers or other chemicals hav	ence. Impact ctivities can temp oration activities, (such as hydroca can be a hazard e the potential to noise and air qua that could lead to	ts on vegetation species and ecological corarily impact wildlife corridors and access tracks, etc not available for rbons) in soils, air or waters can for fauna. Use of pesticides, build up residues in the environment, lity impacts. Soil erosion and
Proposed management controls Duration	Activities must comply with CEA Location Remust comply with (Exploration Code of Praccommitment in the application (APO). Relevextent of vegetation clearing and surface dis impacts to fauna caused by vegetation clear Access track widths unlikely to pose significate habilitated in accordance with title conditions. Rehabilitation to occur as soon as practicable Short term	tice: Environmen vant requirements sturbance to as lo ring, including rele ant barrier to faur ons (Exploration C	tal Management) as per the softhis Code include: a. Minimise was practicable. b. Prevent adverse ocation of resident fauna. c. ha. All disturbed areas to be Code of Practice: Rehabilitation).
Application ranking	Short term		
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?	High Resilience	What is the level of public concern?	Uncertain
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with standards, plans, policies?	Yes		

Criteria	Threatened Fauna Species: Any adverse ef a viable local population of the species is like		
Potential impacts		oly. An activity ca ty value / critical h	nnot be a CEA if it: 1. occurs on land abitat, 2. has a significant effect on
Proposed management controls	N/A	50, 01 111011 11415114	
Duration	N/A		
Application ranking	14/7		
What is the confidence in predicting impacts?	N/A	Are further studies required on	N/A
How resilient is the environment to	N/A	impacts or mitigation? What is the	
cope with impacts?	1477	level of public concern?	
Can the impacts be reversed?	N/A	Ranking of potential significance	
Can the impacts be mitigated?	N/A	Justification f	or ranking
Do the operations comply with standards, plans, policies?	N/A		
Criteria	Threatened Flora Species: Any adverse effective a viable local population of the species is like	cely to be placed a	at risk of extinction.
Potential impacts	declares as areas of outstanding biodiversit	y value or critical	
Dropood management centuris	any threatened species or ecological comm	urilles, or their ha	สมเสเร.
Proposed management controls	N/A		
Duration	N/A		
Application ranking	11/0		T 51/4
What is the confidence in predicting impacts?	N/A	Are further studies required on impacts or	N/A
		mitigation?	
How resilient is the environment to	N/A	What is the	
cope with impacts?		level of public	
Can the impacts be reversed?	N/A	concern? Ranking of potential significance	
Can the impacts be mitigated?	N/A	Justification f	or ranking
Do the operations comply with standards, plans, policies?	N/A	Justilication	or ranking
Criteria	Areas of outstanding biodiversity value/Criti outstanding biodiversity value under the Bio	diversity Conserv	
	critical habitat under the Fisheries Manager		
Potential impacts	Potential impacts limited due to CEA impact occur on land declared as areas of outstand not permitted to have a significant impact or communities (or their habitats). (Also refer	ding biodiversity v n threatened faun	alue or critical habitat. CEAs are a or flora species or ecological
Proposed management controls	N/A		
Duration	N/A		
Application ranking			
What is the confidence in predicting impacts?	N/A	Are further studies	N/A
		required on impacts or mitigation?	
How resilient is the environment to cope with impacts?	N/A	What is the level of public concern?	
Can the impacts be reversed?	N/A	Ranking of potential significance	
Can the impacts be mitigated?	N/A	Justification f	or ranking
Do the operations comply with standards, plans, policies?	N/A		-

Cuitouio		lls	and a signal consequence in the Allega the are the a	
Criteria	Endangered ecological community or critical activity: is likely		cological community: whether the rse effect on the extent of the ecological	
	community such that its local occurrence is I			
	to substantially and adversely modify the con			
	occurrence is likely to be placed at risk of ex	tinction.		
Potential impacts	Vegetation removal and activities can temporary			
	for exploration activities, access tracks, etc r			
	pesticides, herbicides, fertilisers or other che			
	environment, including in soils and water.		d sediment laden runoff from disturbed	
	areas, that could lead to soil or water contan			
	animals and animal/plant diseases. Remetc can interrupt movement of fauna species		on, barriers created by access tracks,	
Proposed management controls	Activities must comply with CEA Location Re		ct Thresholds and Criteria.	
1 Toposca management controls	must comply with (Exploration Code of Pract			
	commitment in the application (APO). Relev	ant requirements	s of this Code include: a. Minimise	
	extent of vegetation clearing and surface dis			
	impacts to fauna caused by vegetation clear			
	track widths unlikely to pose significant barri	All disturbed areas to be rehabilitated		
	in accordance with title conditions (Exploration occur as soon as practicable after completion	on Code of Pract	ice: Renabilitation). Renabilitation to	
Duration	Short term	on or activity.		
Application ranking	Short term			
What is the confidence in	High	Are further	No	
predicting impacts?	· ··g··	studies		
,		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	High Resilience	What is the	Uncertain	
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 f	or ranking	
Do the operations comply with	Yes			
standards, plans, policies?				
Criteria	Habitat of a threatened species or ecologica	l community		
Potential impacts	Potential impacts limited due to CEA impact			
	occur in areas of outstanding biodiversity va			
	have a significant impact on threatened faun habitats). (Also refer to flora and fauna imp		s or ecological communities (or their	
Proposed management controls	N/A	Dact tables).		
Duration	N/A			
Application ranking	IV/A			
What is the confidence in	N/A	Are further	N/A	
predicting impacts?	1471	studies		
promoting improve		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	N/A	What is the		
cope with impacts?		level of		
		public		
Can the impacts he reversed?	N/A	concern?		
Can the impacts be reversed?	IN/A	Ranking of potential		
		significance		
Can the impacts be mitigated?	N/A	Justification f	or ranking	
Do the operations comply with	N/A	,		
standards, plans, policies?				
Criteria	Habitat of protected aquatic species or those	e with conservation	on status.	
Potential impacts	Negligible and only localised changes to dra	inage flows/flood	ling regime. Water used for	
•	exploration not available for ecological purpo	oses. Surfac	ce runoff can be sediment laden from	
	areas where vegetation has been removed.	Generally mi	nimal surface water use (must be	
	licensed or use of farm dams through landho	older agreements	s). No use of groundwater but ation operations. Interception,	
	I was 4 and 4 at the case 4 for a consideration of a constant for a shall			
	cross contamination and/or depressurisation	of groundwater	systems in drilling operations.	
	cross contamination and/or depressurisation Groundwater depressurisation effects on sur	n of groundwater rface water.	systems in drilling operations. Mobilisation of pollutants (such as	
	cross contamination and/or depressurisation Groundwater depressurisation effects on sur hydrocarbons) in surface water or aquifers.	n of groundwater rface water. N Ford across	systems in drilling operations.	

Proposed management controls Duration	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Activities must implement all measures to prevent causing any adverse impacts on water quality or quantity. b. All sediment and erosion controls (including drainage from roads/access tracks) to be managed accordance with Blue Book. c. No significant impact on any threatened species, threatened populations, threatened ecological communities, or their habitats. d. No removal of vegetation in waterfront land. All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity.				
Application ranking	Chort term				
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?	High Resilience	What is the level of public concern?	Uncertain		
Can the impacts be reversed?	Yes	Ranking of potential significance	Low		
Can the impacts be mitigated?	Fully	Justification f	or ranking		
Do the operations comply with	Yes				
standards, plans, policies? Criteria	Key Threatening Processes: As outlined in Schedule 4 of Biodiversity Conservation Act 2016. Includes: a. alteration, removal, clearly or degradation of habitat and native vegetation b. loss of hollow bearing trees c. removal of dead wood and dead trees d. invasion and establishment of exotic species.				
Potential impacts	Vegetation removal can harm threatened species or reduce local abundance of species. Area cleared for exploration activities, access tracks, etc not available for flora habitat. Mobilisation pollutants (such as hydrocarbons) in soils, air or waters can potentially impact fauna. Use of pesticides, herbicides, fertilisers or other chemicals have the potential to build up residues in the environment, including in soils and water. Soil erosion and sediment laden runoff from disturb areas, that could lead to soil or water contamination or land degradation. Spread of weeds, peanimals and animal/plant diseases.				
Proposed management controls	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activiti must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Minimise extent of vegetation clearing and surface disturbance to as low as practicable. b. Prevent advers impacts to fauna caused by vegetation clearing, including relocation of resident fauna. All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practical Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity.				
Duration	Short term				
Application ranking					
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?	High Resilience	What is the level of public concern?	Uncertain		
Can the impacts be reversed?	Yes	Ranking of potential significance	Low		
Can the impacts be mitigated?	Fully	Justification f	or ranking		
Do the operations comply with standards, plans, policies?	Yes		-		
Criteria	Barriers to movement of fauna: Any potential to endanger, displace or disturb fauna (including fauna of conservation significance) or create a barrier to their movement.				

Proposed management controls	Vegetation removal can decrease available displace species from regular place of reside movement of small fauna species. Fauna crevehicles. Vegetation removal can removal can removal can seed for exploration activities, access Mobilisation of pollutants (such as hydrocarth Drilling sumps can be a hazard for fauna. chemicals have the potential to build up resisfant term noise and air quality impacts. areas, that could lead to soil or water contain animals and animal/plant diseases. Activities must comply with CEA Location Remust comply with (Exploration Code of Practicommitment in the application (APO). Relevented to the properties of	ence. Accessossing access trace connective contracks, etc not at tracks, etc not at the environment of tracks in the environment of tracks and trac	s tracks can act as a barrier to acks may be killed or injured if hit by ridors used for wildlife movement. vailable for fauna habitat. or waters can potentially impact fauna. Ites, herbicides, fertilisers or other noment, including in soils and water. I sediment laden runoff from disturbed legradation. Spread of weeds, pest of this Code include: a. Minimise was practicable. b. Prevent adverse ocation of resident fauna. All inditions (Exploration Code of Practice:	
Duration	Short term	•	•	
Application ranking				
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?	High Resilience	What is the level of public concern?	Uncertain	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Fully	Justification f	or ranking	
Do the operations comply with	Yes			
standards, plans, policies?				
Criteria	Ecological & Biosecurity Impacts: Any threat ecological community.	to the biological	diversity or ecological integrity of an	
	to build up residues in the environment, includated runoff from disturbed areas, that could	itat. Mobilisat entially impact far bicides, fertilisers uding in soils and lead to soil or w weeds, pest anii or injured if hit by	s or other chemicals have the potential water. Soil erosion and sediment ater contamination or land degradation. mals and animal/plant diseases.	
Proposed management controls Duration	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Minimise extent of vegetation clearing and surface disturbance to as low as practicable. b. Prevent adverse impacts to fauna caused by vegetation clearing, including relocation of resident fauna. c. Setbacks from steep slopes/cliffs to limit impact of shots on cave dwelling fauna. Noise impacts / disruption to fauna are temporary. Vehicle movements are limited and unlikely to have significant injury/mortality impacts. All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity.			
Application ranking	Short term			
What is the confidence in	High	Are further	No	
predicting impacts?		studies required on impacts or mitigation?		
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	Uncertain	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Partly	Justification f	or ranking	
Do the operations comply with	Yes			
standards, plans, policies?	I	1		

Criteria			
	Ecological & Biosecurity Impacts: Creates a		
	organisms into an area. Includes impacts fro		
	animal pests, c. plant pests and diseases,	d. animal disea	ses, e. noxious weeds, or f.
	genetically modified organisms.		
Potential impacts	Mobilisation of pollutants (such as hydrocart		
			emicals have the potential to build up
	residues in the environment, including in soil		Spread of weeds, pest animals and
		nce may result in	removal of/damage to seed stock.
	Weed growth in disturbed areas.		
Proposed management controls	Activities must comply with CEA Location Re		
	must comply with (Exploration Code of Pract		
	commitment in the application (APO). Relev		
	extent of vegetation clearing and surface dis		
	impacts to fauna caused by vegetation clear		
	Requirement to prevent introduction and spr diseases (required to implement "come clea		
	rehabilitated in accordance with title condition		
	Rehabilitation to occur as soon as practicable		
			ess arrangements which may include
	additional mitigation measures to manage la		oss arrangements which may morade
Duration	Short term	iiid.	
Application ranking	Chort tollin		
What is the confidence in	High	Are further	No
predicting impacts?	- ng	studies	110
promoting miputos		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	High Resilience	What is the	Uncertain
cope with impacts?	, i	level of	
		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Ecological & Biosecurity Impacts: Likely to c	ause a significan	t bushfire risk.
Potential impacts	Plant and machinery comprises a potential ig	gnition source.	
Proposed management controls	Activities must comply with CEA Location Re		
	must comply with (Exploration Code of Pract		
	commitment in the application (APO). Relev		
ļ ,		controls to manag	de risks (e.g. implementation of
İ	risk assessment and implementing suitable		
	controls on activities during Extreme or Cata	strophic Fire Cor	nditions will largely negate risk).
	controls on activities during Extreme or Cata Activities must comply with WHS legislative	strophic Fire Cor	
Duration	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire.	strophic Fire Cor	nditions will largely negate risk).
Duration Application ranking	controls on activities during Extreme or Cata Activities must comply with WHS legislative	strophic Fire Cor	nditions will largely negate risk).
Application ranking	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term	estrophic Fire Cor requirements.	ditions will largely negate risk). Any existing/proposed access tracks
Application ranking What is the confidence in	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire.	astrophic Fire Correquirements. Are further	nditions will largely negate risk).
Application ranking	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term	astrophic Fire Correquirements. Are further studies	ditions will largely negate risk). Any existing/proposed access tracks
Application ranking What is the confidence in	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term	Are further studies required on	ditions will largely negate risk). Any existing/proposed access tracks
Application ranking What is the confidence in	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term	Are further studies required on impacts or	ditions will largely negate risk). Any existing/proposed access tracks
Application ranking What is the confidence in predicting impacts?	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High	Are further studies required on impacts or mitigation?	ditions will largely negate risk). Any existing/proposed access tracks
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term	Are further studies required on impacts or mitigation?	ditions will largely negate risk). Any existing/proposed access tracks No
Application ranking What is the confidence in predicting impacts?	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High	Are further studies required on impacts or mitigation? What is the level of	ditions will largely negate risk). Any existing/proposed access tracks No
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High	Are further studies required on impacts or mitigation? What is the level of public	ditions will largely negate risk). Any existing/proposed access tracks No
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High	Are further studies required on impacts or mitigation? What is the level of public concern?	ditions will largely negate risk). Any existing/proposed access tracks No
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern?	ditions will largely negate risk). Any existing/proposed access tracks No Uncertain
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	ditions will largely negate risk). Any existing/proposed access tracks No Uncertain
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	Any existing/proposed access tracks No Uncertain 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?	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	Any existing/proposed access tracks No Uncertain Low
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	Any existing/proposed access tracks No Uncertain 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	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High High Resilience Yes Fully Yes Community Resources: Any degradation of integration of integration in the control of the c	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	No Uncertain Low or ranking
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	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High High Resilience Yes Fully Yes Community Resources: Any degradation of iservices and infrastructure resources.	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification functions	No Uncertain Low Low ignificant increase in the demand for
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?	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High High Resilience Yes Fully Yes Community Resources: Any degradation of integration of integration in the control of the c	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification functions	No Uncertain Low Low ignificant increase in the demand for
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	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High High Resilience Yes Fully Yes Community Resources: Any degradation of iservices and infrastructure resources.	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for residual significance in demand for residual residual significance in demand for residual res	No Uncertain Low Low ignificant increase in the demand for
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	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High High Resilience Yes Fully Yes Community Resources: Any degradation of iservices and infrastructure resources. Limited potential for any significant increase degradation of infrastructure, such as roads Negligible impacts likely. Activities must	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for reand bridges.	Any existing/proposed access tracks No Uncertain Low or ranking significant increase in the demand for sources. Negligible potential for Location Restrictions, Impact
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	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High High Resilience Yes Fully Yes Community Resources: Any degradation of is services and infrastructure resources. Limited potential for any significant increase degradation of infrastructure, such as roads Negligible impacts likely. Activities must Thresholds and Criteria. Activities must on the complex properties of the complex properties and the complex properties are considered.	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for reand bridges. comply with CEAcomply with (Exp	Any existing/proposed access tracks No Uncertain Low br ranking significant increase in the demand for sources. Negligible potential for Location Restrictions, Impact loration Code of Practice:
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	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High High Resilience Yes Fully Yes Community Resources: Any degradation of is services and infrastructure resources. Limited potential for any significant increase degradation of infrastructure, such as roads Negligible impacts likely. Activities must a Environmental Management) as per the community and complete the community of the community o	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for reand bridges. comply with CEA comply with (Expandiment in the a	Any existing/proposed access tracks No Uncertain Low br ranking significant increase in the demand for sources. Negligible potential for Location Restrictions, Impact loration Code of Practice:
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	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High High Resilience Yes Fully Yes Community Resources: Any degradation of is services and infrastructure resources. Limited potential for any significant increase degradation of infrastructure, such as roads Negligible impacts likely. Activities must of Environmental Management) as per the comall elements of the environment, culture and	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for reand bridges. comply with CEAcomply with (Expanditude). All	Any existing/proposed access tracks No Uncertain Low br ranking significant increase in the demand for sources. Negligible potential for Location Restrictions, Impact loration Code of Practice: pplication (APO) including protection of disturbed areas to be rehabilitated in
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	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High High Resilience Yes Fully Yes Community Resources: Any degradation of iservices and infrastructure resources. Limited potential for any significant increase degradation of infrastructure, such as roads Negligible impacts likely. Activities must of Environmental Management) as per the comall elements of the environment, culture and accordance with title conditions (Exploration)	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for reand bridges. comply with CEA comply with (Expontity of the public concern)	Any existing/proposed access tracks No Uncertain Low ignificant increase in the demand for sources. Negligible potential for Location Restrictions, Impact loration Code of Practice: poplication (APO) including protection of disturbed areas to be rehabilitated in ex Rehabilitation). Rehabilitation to
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	controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High High Resilience Yes Fully Yes Community Resources: Any degradation of is services and infrastructure resources. Limited potential for any significant increase degradation of infrastructure, such as roads Negligible impacts likely. Activities must of Environmental Management) as per the comall elements of the environment, culture and	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for reand bridges. comply with CEA comply with (Exponentment in the a heritage. All Code of Practice of activity (including the content of activity (includi	Any existing/proposed access tracks No Uncertain Low Incertain Low Incertain Low Incertain Low Incertain Low Incertain Low Incertain Increase in the demand for sources. Negligible potential for sources. Negligible potential for sources of Practice: poplication (APO) including protection of disturbed areas to be rehabilitated in the Rehabilitation. Rehabilitation to sides weed growth management).

Duration	Short term		
Application ranking	Le L		
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?	High Resilience	What is the level of public concern?	Uncertain
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Community Resources: Any diversion of resources to the detriment of other communities or natusystems.		
Potential impacts	Limited potential for any significant diversion of resources to the detriment of other communities or natural systems. Negligible impacts and only localised changes. Areas used for exploration activities, temporarily removed from natural systems and / community use.		
Proposed management controls	Negligible impacts likely. Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include protection of all elements of the environment, culture and heritage. All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity. (includes weed growth management). Legislative requirement for landholder access arrangements and compensation.		
Duration	Short term		
Application ranking	N/A	A Ctl	L N1/A
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?	
Can the impacts be reversed?	N/A	Ranking of potential significance	
Can the impacts be mitigated?	N/A	Justification f	or ranking
Do the operations comply with standards, plans, policies?	N/A		
Criteria	Natural Resources: Any disruption, depletion	n or destruction o	f natural resources.
Potential impacts	of increased knowledge of geological resour	only localised ch resource. Veg s on other natural rces.	anges. Areas used for exploration getation removal may remove potential resources other than positive in terms
Proposed management controls	of increased knowledge of geological resources. Negligible impacts likely. Activities must comply with CEA Location Restrictions, Impact Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include protection of all elements of the environment (water, land, soil, air), culture and heritage. All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity. Legislative requirement for landholder access arrangements and compensation limit any potential impacts.		
Duration	N/A		
Application ranking What is the confidence in predicting impacts?	N/A	Are further studies required on impacts or mitigation?	No
How resilient is the environment to cope with impacts?	N/A	What is the level of public concern?	Uncertain

Can the impacts be reversed?	N/A	Ranking of potential significance	Low
Can the impacts be mitigated?	N/A	Justification f	or ranking
Do the operations comply with standards, plans, policies?	Yes		•
Criteria	Natural Resources: Any disruption of existin forestry, farming or extractive industries (or		
Potential impacts	Limited potential for any significant disruption given temporary nature of exploration.	on of existing activ legligible impacts tivities, temporaril restry, agricultura	rities (or reduction of future activities) and only localised & temporary y removed as a natural resource but no
Proposed management controls	Thresholds and Criteria. Activities must Environmental Management) as per the con requirements of this Code include protection air), culture and heritage. All disturbed a conditions (Exploration Code of Practice: Re	comply with (Exp nmitment in the a n of all elements of areas to be rehabi ehabilitation). Ref Legislative require	of the environment (water, land, soil, ilitated in accordance with title
Duration	Short term	'	
Application ranking			
What is the confidence in	N/A	Are further	No
predicting impacts?		studies required on impacts or mitigation?	
How resilient is the environment to cope with impacts?	N/A	What is the level of public concern?	Uncertain
Can the impacts be reversed?	N/A	Ranking of potential significance	Low
Can the impacts be mitigated?	N/A	Justification f	or ranking
Do the operations comply with	Yes		
Potential impacts Proposed management controls Duration Application ranking	purposes. CEA activity not permitted in areas reserved N/A N/A	d for conservation	purposes.
What is the confidence in	N/A	Are further	N/A
predicting impacts?		studies required on impacts or mitigation?	IV/A
How resilient is the environment to cope with impacts?	N/A	What is the level of public concern?	
Can the impacts be reversed?	N/A	Ranking of potential significance	
Can the impacts be mitigated?	N/A	Justification f	or ranking
Do the operations comply with standards, plans, policies?	N/A		
Criteria	Sensitive Land Impacts: Impacts on National acquired under the National Parks and Wild		areas reserved or dedicated or
Potential impacts	Activity not permitted in these areas.		
Proposed management controls	N/A		
Duration	N/A		
Application ranking			
What is the confidence in predicting impacts?	N/A	Are further studies required on impacts or	N/A
How resilient is the environment to cope with impacts?	N/A	mitigation? What is the level of public	

Can the impacts be reversed?	N/A	Ranking of potential significance	
Con the immede he without all	NI/A		
Can the impacts be mitigated?	N/A	Justification f	or ranking
Do the operations comply with	N/A		
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Land subject to a 'co		
	Wildlife Act 1974 and/or the Biodiversity Con		
	agreement (established under the now repea		
	Biodiversity Stewardship agreement establis	hed under the Bi	odiversity Conservation Act 2016. b.
	Wildlife Refuge agreement established unde		
	conservation agreements that continue to ha		
			nservation Trust Act 2001 Property
	vegetation plans made under the now-repea	ieu Nalive vegel	ation Act 2003 Registered
	property agreements under the repealed Nat	tive vegetation C	onservation Act 1997
Potential impacts	Activity not permitted in these areas.		
Proposed management controls	N/A		
Duration	N/A		
Application ranking			
What is the confidence in	N/A	Are further	N/A
	IN/A		IN/A
predicting impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	
cope with impacts?		level of	
cope with impacts:		public	
		concern?	
	21/2		
Can the impacts be reversed?	N/A	Ranking of	
		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification f	or ranking
Do the operations comply with	N/A		or raining
	IN/A		
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Impacts on aquatic		
	Estate Management Act 2014. Impacts on C	oastal Zone as d	efined in the Coastal Management Act
	2016.		
Potential impacts	Activity not permitted in these areas.		
Proposed management controls	N/A		
Duration	N/A		
	IN/A		
Application ranking			L
What is the confidence in	N/A	Are further	N/A
predicting impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	
	IN/A		
cope with impacts?		level of	
		public	
		concern?	
Can the impacts be reversed?	. 1/4	Ranking of	
•	N/A	Ranking of	
	N/A	potential	
	N/A	potential	
Can the impacts he mitigated?		potential significance	or ranking
Can the impacts be mitigated?	N/A	potential	or ranking
Do the operations comply with		potential significance	or ranking
Do the operations comply with standards, plans, policies?	N/A N/A	potential significance Justification f	<u> </u>
Do the operations comply with standards, plans, policies?	N/A	potential significance Justification f	<u> </u>
Do the operations comply with standards, plans, policies? Criteria	N/A N/A Sensitive Land Impacts: Fishing grounds and	potential significance Justification f	n breeding or nursery areas.
Do the operations comply with standards, plans, policies? Criteria	N/A N/A Sensitive Land Impacts: Fishing grounds and Negligible and only localised changes to dra	potential significance Justification for the disconnection of the discon	n breeding or nursery areas. ing regime. Surface runoff can be
Do the operations comply with standards, plans, policies? Criteria	N/A N/A Sensitive Land Impacts: Fishing grounds and Negligible and only localised changes to dra sediment laden from areas where vegetation	potential significance Justification for the disconnection of the discon	n breeding or nursery areas. ing regime. Surface runoff can be ved. Generally minimal surface
Do the operations comply with standards, plans, policies? Criteria	N/A N/A Sensitive Land Impacts: Fishing grounds and Negligible and only localised changes to dra sediment laden from areas where vegetation water use (must be licensed or use of farm of	potential significance Justification for the signification for the signification for the significant part of the significant p	n breeding or nursery areas. ing regime. Surface runoff can be ved. Generally minimal surface dholder agreements). Interception,
Do the operations comply with standards, plans, policies? Criteria	N/A N/A Sensitive Land Impacts: Fishing grounds and Negligible and only localised changes to dra sediment laden from areas where vegetation water use (must be licensed or use of farm of cross contamination and/or depressurisation	potential significance Justification for the disconnection of the discon	n breeding or nursery areas. ing regime. Surface runoff can be yed. Generally minimal surface dholder agreements). Interception systems in drilling operations.
Do the operations comply with standards, plans, policies? Criteria	N/A N/A Sensitive Land Impacts: Fishing grounds and Negligible and only localised changes to dra sediment laden from areas where vegetation water use (must be licensed or use of farm of	potential significance Justification for the disconnection of the discon	n breeding or nursery areas. ing regime. Surface runoff can be /ed. Generally minimal surface dholder agreements). Interception
Do the operations comply with standards, plans, policies? Criteria	N/A N/A Sensitive Land Impacts: Fishing grounds and Negligible and only localised changes to dra sediment laden from areas where vegetation water use (must be licensed or use of farm of cross contamination and/or depressurisation Groundwater depressurisation effects on sur	potential significance Justification for the disconnection of the discon	n breeding or nursery areas. ing regime. Surface runoff can be yed. Generally minimal surface dholder agreements). Interception systems in drilling operations. Mobilisation of pollutants (such as
Do the operations comply with standards, plans, policies? Criteria	N/A N/A Sensitive Land Impacts: Fishing grounds and Negligible and only localised changes to dra sediment laden from areas where vegetation water use (must be licensed or use of farm of cross contamination and/or depressurisation Groundwater depressurisation effects on sur hydrocarbons) in surface water or aquifers.	potential significance Justification for the disconnection of the discon	n breeding or nursery areas. ing regime. Surface runoff can be yed. Generally minimal surface dholder agreements). Interception, systems in drilling operations. Mobilisation of pollutants (such as creeks can cause stream bank erosior
Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A N/A Sensitive Land Impacts: Fishing grounds and Negligible and only localised changes to dra sediment laden from areas where vegetation water use (must be licensed or use of farm or cross contamination and/or depressurisation Groundwater depressurisation effects on sur hydrocarbons) in surface water or aquifers. from vehicle wash. Inappropriate disposa	potential significance Justification for the signification for the significant significant for the significant significant significant for the significant sig	n breeding or nursery areas. ing regime. Surface runoff can be ved. Generally minimal surface dholder agreements). Interception, systems in drilling operations. Mobilisation of pollutants (such as creeks can cause stream bank erosiones / overflow from drilling sumps.
Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A N/A N/A Sensitive Land Impacts: Fishing grounds and Negligible and only localised changes to dra sediment laden from areas where vegetation water use (must be licensed or use of farm or cross contamination and/or depressurisation Groundwater depressurisation effects on sur hydrocarbons) in surface water or aquifers. from vehicle wash. Inappropriate disposal Activities must comply with CEA Location Research	potential significance Justification for the significant of the signification for the significant of the sig	n breeding or nursery areas. ing regime. Surface runoff can be ved. Generally minimal surface dholder agreements). Interception, systems in drilling operations. Mobilisation of pollutants (such as creeks can cause stream bank erosiones / overflow from drilling sumps. et Thresholds and Criteria. Activities
Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A N/A N/A Sensitive Land Impacts: Fishing grounds and Negligible and only localised changes to dra sediment laden from areas where vegetation water use (must be licensed or use of farm of cross contamination and/or depressurisation Groundwater depressurisation effects on sur hydrocarbons) in surface water or aquifers. from vehicle wash. Inappropriate disposa Activities must comply with CEA Location Remust comply with (Exploration Code of Pract	potential significance Justification for the significance Justification for the signification for the significant for the sign	in breeding or nursery areas. ing regime. Surface runoff can be ved. Generally minimal surface dholder agreements). Interception, systems in drilling operations. Mobilisation of pollutants (such as creeks can cause stream bank erosiones / overflow from drilling sumps. It Thresholds and Criteria. Activitie tal Management) as per the
Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A N/A N/A Sensitive Land Impacts: Fishing grounds and Negligible and only localised changes to dra sediment laden from areas where vegetation water use (must be licensed or use of farm or cross contamination and/or depressurisation Groundwater depressurisation effects on sur hydrocarbons) in surface water or aquifers. from vehicle wash. Inappropriate disposal Activities must comply with CEA Location Research	potential significance Justification for the significance Justification for the signification for the significant for the sign	in breeding or nursery areas. ing regime. Surface runoff can be ved. Generally minimal surface dholder agreements). Interception, systems in drilling operations. Mobilisation of pollutants (such as creeks can cause stream bank erosiones / overflow from drilling sumps. It Thresholds and Criteria. Activitie tal Management) as per the
Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A N/A N/A Sensitive Land Impacts: Fishing grounds and Negligible and only localised changes to dra sediment laden from areas where vegetation water use (must be licensed or use of farm of cross contamination and/or depressurisation Groundwater depressurisation effects on sur hydrocarbons) in surface water or aquifers. from vehicle wash. Inappropriate disposa Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relev	potential significance Justification for the description of the descri	in breeding or nursery areas. ing regime. Surface runoff can be yed. Generally minimal surface dholder agreements). Interception systems in drilling operations. Mobilisation of pollutants (such as creeks can cause stream bank erosior es / overflow from drilling sumps. It Thresholds and Criteria. Activitie tal Management) as per the s of this Code include: a. Activities
Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A N/A N/A Sensitive Land Impacts: Fishing grounds and Negligible and only localised changes to dra sediment laden from areas where vegetation water use (must be licensed or use of farm of cross contamination and/or depressurisation Groundwater depressurisation effects on sur hydrocarbons) in surface water or aquifers. from vehicle wash. Inappropriate dispose Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relevents implement all measures to prevent cause.	potential significance Justification for the significance Justification for the significance defining flows/flood in the seen removal and the significance water. Ford across all of drilling waste estrictions, Impactice: Environment and requirements using any adverse significance.	in breeding or nursery areas. ing regime. Surface runoff can be yed. Generally minimal surface dholder agreements). Interception, systems in drilling operations. Idobilisation of pollutants (such as creeks can cause stream bank erosiones / overflow from drilling sumps. It Thresholds and Criteria. Activitie tal Management) as per the sof this Code include: a. Activities impacts on water quality or quantity.
Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A N/A N/A Sensitive Land Impacts: Fishing grounds and Negligible and only localised changes to drasediment laden from areas where vegetation water use (must be licensed or use of farm of cross contamination and/or depressurisation Groundwater depressurisation effects on sur hydrocarbons) in surface water or aquifers. from vehicle wash. Inappropriate dispose Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relevents implement all measures to prevent cause. All sediment and erosion controls (including the controls of the control of the cont	potential significance Justification for the discontinuous description of the discontinuous description of groundwater face water. Ford across all of drilling waste estrictions, Impactice: Environmental aring any adverse any drainage from	ing regime. Surface runoff can be yed. Generally minimal surface dholder agreements). Interception, systems in drilling operations. Mobilisation of pollutants (such as creeks can cause stream bank erosiones / overflow from drilling sumps. It Thresholds and Criteria. Activitie tal Management) as per the sof this Code include: a. Activities impacts on water quality or quantity.
Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A N/A N/A Negligible and only localised changes to draw sediment laden from areas where vegetation water use (must be licensed or use of farm of cross contamination and/or depressurisation Groundwater depressurisation effects on sur hydrocarbons) in surface water or aquifers. Inappropriate dispose Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relevents implement all measures to prevent cau b. All sediment and erosion controls (includin accordance with Blue Book. c. No significa	potential significance Justification for the significance Justification for the significance defining flows/flood in the second flows through land of groundwater face water. In Ford across all of drilling waste estrictions, Impactice: Environment requirements using any adverse any drainage from the significance of the signif	ing regime. Surface runoff can be yed. Generally minimal surface dholder agreements). Interception systems in drilling operations. Mobilisation of pollutants (such as creeks can cause stream bank erosion es / overflow from drilling sumps. et Thresholds and Criteria. Activitie tal Management) as per the s of this Code include: a. Activities impacts on water quality or quantity. roads/access tracks) to be managed i threatened species, threatened
Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A N/A N/A Sensitive Land Impacts: Fishing grounds and Negligible and only localised changes to draised impacts and sediment laden from areas where vegetation water use (must be licensed or use of farm of cross contamination and/or depressurisation Groundwater depressurisation effects on sur hydrocarbons) in surface water or aquifers. Inappropriate disposa Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relevents implement all measures to prevent cau b. All sediment and erosion controls (includin accordance with Blue Book. c. No significa populations, threatened ecological communications.)	potential significance Justification for the significance Justification for the significance defining flows/flood in has been removed a significance water. In a significant for the significant requirements a significant requirements and defining waters and requirements and requirements are graining any adverse and defining from the significant requirements and definition of the significant requirements are significant requirements and definition of the significant requirements are significant requirements.	ing regime. Surface runoff can be yed. Generally minimal surface dholder agreements). Interception systems in drilling operations. Mobilisation of pollutants (such as creeks can cause stream bank erosion es / overflow from drilling sumps. et Thresholds and Criteria. Activitie tal Management) as per the sof this Code include: a. Activities impacts on water quality or quantity. roads/access tracks) to be managed if threatened species, threatened tats. d. No removal of vegetation in
Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A N/A N/A Sensitive Land Impacts: Fishing grounds and Negligible and only localised changes to dra sediment laden from areas where vegetation water use (must be licensed or use of farm of cross contamination and/or depressurisation Groundwater depressurisation effects on sur hydrocarbons) in surface water or aquifers. from vehicle wash. Inappropriate disposs Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relevent substantial measures to prevent cau b. All sediment and erosion controls (includir accordance with Blue Book. c. No significat populations, threatened ecological communications waterfront land. All disturbed areas to be	potential significance Justification for the significance Justification for the significance of description of the significance of groundwater of groundwater of descriptions, Impactice: Environment of the significance of the s	ing regime. Surface runoff can be yed. Generally minimal surface dholder agreements). Interception systems in drilling operations. Mobilisation of pollutants (such as creeks can cause stream bank erosion as / overflow from drilling sumps. It Thresholds and Criteria. Activities and Management) as per the softhis Code include: a. Activities impacts on water quality or quantity. roads/access tracks) to be managed if threatened species, threatened tats. d. No removal of vegetation in accordance with title conditions
Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A N/A N/A Sensitive Land Impacts: Fishing grounds and Negligible and only localised changes to draised impacts and sediment laden from areas where vegetation water use (must be licensed or use of farm of cross contamination and/or depressurisation Groundwater depressurisation effects on sur hydrocarbons) in surface water or aquifers. Inappropriate disposa Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relevents implement all measures to prevent cau b. All sediment and erosion controls (includin accordance with Blue Book. c. No significa populations, threatened ecological communications.)	potential significance Justification for the significance Justification for the significance of description of the significance of groundwater of groundwater of descriptions, Impactice: Environment of the significance of the s	ing regime. Surface runoff can be yed. Generally minimal surface dholder agreements). Interception systems in drilling operations. Mobilisation of pollutants (such as creeks can cause stream bank erosion as / overflow from drilling sumps. It Thresholds and Criteria. Activities and Management) as per the softhis Code include: a. Activities impacts on water quality or quantity. roads/access tracks) to be managed if threatened species, threatened tats. d. No removal of vegetation in accordance with title conditions
Do the operations comply with	N/A N/A N/A Sensitive Land Impacts: Fishing grounds and Negligible and only localised changes to dra sediment laden from areas where vegetation water use (must be licensed or use of farm of cross contamination and/or depressurisation Groundwater depressurisation effects on sur hydrocarbons) in surface water or aquifers. from vehicle wash. Inappropriate disposs Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relevent substantial measures to prevent cau b. All sediment and erosion controls (includir accordance with Blue Book. c. No significat populations, threatened ecological communications waterfront land. All disturbed areas to be	potential significance Justification for the significance Justification for the significance of description of the significance of groundwater of groundwater of descriptions, Impactice: Environment of the significance of the s	ing regime. Surface runoff can be yed. Generally minimal surface dholder agreements). Interception systems in drilling operations. Mobilisation of pollutants (such as creeks can cause stream bank erosing systems in drilling sumps. In the sholds and Criteria. Activitial Management) as per the soff this Code include: a. Activities impacts on water quality or quantity roads/access tracks) to be managed threatened species, threatened tats. d. No removal of vegetation in accordance with title conditions

Duration	Short term		
Application ranking	<u> </u>		
What is the confidence in	High	Are further	No
predicting impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	High Positiones	What is the	Uncertain
	High Resilience		Uncertain
cope with impacts?		level of	
		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Con the immede he mitingted?	E. II.		
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Impacts on other s	ensitive lands inc	luding: a. Land within a state forest
	set aside under the Forestry Act 2012 for co	nservation values	s. This includes flora reserves and
	special management (and other) zones. b.		
	declared to be a 'controlled area' or a 'special		
	area' under the Water Management Act 200		r Act 1991. c. Waterfront land as
	defined under the Water Management Act 2		
Potential impacts	N/A CEA Location restrictions prevent act	ivities in such ser	nsitive locations.
Proposed management controls	N/A		
Duration	N/A		
	IVA		
Application ranking			T
What is the confidence in	N/A	Are further	N/A
predicting 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?	
Con the immede he was and	NI/A		
Can the impacts be reversed?	N/A	Ranking of	
		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification f	or ranking
Do the operations comply with	N/A		
standards, plans, policies?			
Criteria	Consitive Land Impacts: Impacts on land rec	oryad or dadiaat	ad within the meaning of the Crown
Criteria	Sensitive Land Impacts: Impacts on land res		
	Lands Act 1989/Crown Lands Management	Act 2016 for pres	servation of the environment or other
		7 (01 20 10 101 proc	
	environmental protection purposes.	7.0. 20 TO 101 proc	
Potential impacts		7.61.20.10.101.proc	
•	environmental protection purposes. Activity not permitted in area.	7101 20 10 101 proc	
Proposed management controls	environmental protection purposes. Activity not permitted in area. N/A	7 tot 20 To ToT proc	
Potential impacts Proposed management controls Duration	environmental protection purposes. Activity not permitted in area.	7 tot 20 10 101 proc	
Proposed management controls Duration Application ranking	environmental protection purposes. Activity not permitted in area. N/A N/A		
Proposed management controls Duration	environmental protection purposes. Activity not permitted in area. N/A	Are further	N/A
Proposed management controls Duration Application ranking What is the confidence in	environmental protection purposes. Activity not permitted in area. N/A N/A	Are further	
Proposed management controls Duration Application ranking	environmental protection purposes. Activity not permitted in area. N/A N/A	Are further studies	
Proposed management controls Duration Application ranking What is the confidence in	environmental protection purposes. Activity not permitted in area. N/A N/A	Are further studies required on	
Proposed management controls Duration Application ranking What is the confidence in	environmental protection purposes. Activity not permitted in area. N/A N/A	Are further studies required on impacts or	
Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	environmental protection purposes. Activity not permitted in area. N/A N/A N/A	Are further studies required on impacts or mitigation?	
Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	environmental protection purposes. Activity not permitted in area. N/A N/A	Are further studies required on impacts or	
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	environmental protection purposes. Activity not permitted in area. N/A N/A N/A	Are further studies required on impacts or mitigation?	
Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	environmental protection purposes. Activity not permitted in area. N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of	
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	environmental protection purposes. Activity not permitted in area. N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public	
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	environmental protection purposes. Activity not permitted in area. N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern?	
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	environmental protection purposes. Activity not permitted in area. N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern?	
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	environmental protection purposes. Activity not permitted in area. 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	
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	environmental protection purposes. Activity not permitted in area. 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	
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?	environmental protection purposes. Activity not permitted in area. 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	N/A
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?	environmental protection purposes. Activity not permitted in area. 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	N/A
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	environmental protection purposes. Activity not permitted in area. 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	N/A
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?	environmental protection purposes. Activity not permitted in area. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	N/A or ranking
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?	environmental protection purposes. Activity not permitted in area. 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	N/A or ranking
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?	environmental protection purposes. Activity not permitted in area. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	N/A or ranking
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	environmental protection purposes. Activity not permitted in area. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	N/A or ranking
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	environmental protection purposes. Activity not permitted in area. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	N/A or ranking
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	environmental protection purposes. Activity not permitted in area. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	N/A or ranking
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	environmental protection purposes. Activity not permitted in area. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	N/A or 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?	
Can the impacts be reversed?	N/A	Ranking of potential significance	
Can the impacts be mitigated?	N/A	Justification f	or ranking
Do the operations comply with standards, plans, policies?	N/A		
Criteria	Sensitive Lands: Impacts on wetlands of interconvention on Wetlands and those designate Important Wetlands of Australia.		
Potential impacts	Activity not permitted in these areas.		
Proposed management controls	N/A		
Duration	N/A		
Application ranking			
What is the confidence in	N/A	Are further	N/A
predicting impacts?		studies required on impacts or mitigation?	
How resilient is the environment to cope with impacts?	N/A	What is the level of public concern?	
Can the impacts be reversed?	N/A	Ranking of potential significance	
Can the impacts be mitigated?	N/A	Justification f	or ranking
Do the operations comply with	N/A		· · · J
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Impacts on land ide of biodiversity / conservation significance or management. Includes Coastal Wetlands at Planning Policy (Resilience and Hazards) 2	zoned for environ nd Littoral rainfore	nmental conservation, protection and/or
Potential impacts	Activity not permitted in these areas.		
Proposed management controls	N/A		
Duration	N/A		
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?	
Can the impacts be reversed?	N/A	Ranking of potential significance	
Can the impacts be mitigated?	N/A	Justification f	or ranking
Do the operations comply with standards, plans, policies?	N/A		
Criteria	Sensitive Land Impacts: Impacts on Aborigi objects under the National Parks and Wildlif identified in an environmental planning instr	fe Act 1974 b. A	
Potential impacts	Activity not permitted in these areas.		
Proposed management controls	N/A		
Duration	N/A		
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	N/A	What is the	
cope with impacts?		level of	
		public	
Con the immedia he never and	NI/A	concern?	
Can the impacts be reversed?	N/A	Ranking of	
		potential significance	
Can the impacts be mitigated?	N/A	Justification f	or ranking
Do the operations comply with	N/A	Justilication	or ranking
standards, plans, policies?	IV/A		
Criteria	Sensitive Land Impacts: Impacts on heritage	protection areas	s (historic or natural): a. Nationally
	and internationally recognised heritage sites	or areas (World	Heritage List, National Heritage List of
	Commonwealth Heritage List) b. Items liste		
	conservation areas identified in an environm	nental planning in	strument
Potential impacts	CEA activities not permitted in these areas.		
Proposed management controls	N/A		
Duration	N/A		
Application ranking What is the confidence in	N/A	A wa fountle an	NI/A
what is the confidence in predicting impacts?	IN/A	Are further studies	N/A
predicting impacts?		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	
		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification f	or ranking
Do the operations comply with	N/A		
standards, plans, policies?	0		1 1 1 1
Criteria	Sensitive Land Impacts: Impacts on commun		d under the Local Government Act
Detential imports	1993 (for which a plan of management has be	been prepared).	
Potential impacts Proposed management controls	Activity not permitted in these areas. N/A		
Duration Controls	N/A		
Application ranking	IN/A		
What is the confidence in	N/A	Are further	N/A
predicting impacts?	1973	studies	14/74
producting impactor		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	
		potential	
0 41 1	N1/A	significance	
Can the impacts be mitigated?	N/A	Justification f	ог гапкіпд
Do the operations comply with standards, plans, policies?	N/A		
Standards, plans, policies?	1		
VIIIGIIA	Sensitive Land Impacts: Impacts on husbfire	nrone arose	
	Sensitive Land Impacts: Impacts on bushfire	<u> </u>	
Potential impacts	Plant and machinery may be an ignition sou	rce.	
	Plant and machinery may be an ignition sou Activities must comply with CEA Location Re	rce. estrictions, Impac	
Potential impacts	Plant and machinery may be an ignition sou Activities must comply with CEA Location Remust comply with (Exploration Code of Prac	rce. estrictions, Impac tice: Environmen	tal Management) as per the
Potential impacts	Plant and machinery may be an ignition sou Activities must comply with CEA Location Remust comply with (Exploration Code of Prac commitment in the application (APO). Relev	rce. estrictions, Impactice: Environment	tal Management) as per the sof this Code including undertaking a
Potential impacts	Plant and machinery may be an ignition sou Activities must comply with CEA Location Remust comply with (Exploration Code of Praccommitment in the application (APO). Relevisk assessment and implementing suitable	rce. estrictions, Impactice: Environment/ vant requirements controls to mana	tal Management) as per the s of this Code including undertaking a ge risks (e.g. implementation of
Potential impacts	Plant and machinery may be an ignition sou Activities must comply with CEA Location Remust comply with (Exploration Code of Praccommitment in the application (APO). Relevisk assessment and implementing suitable controls on activities during Extreme or Cata	rce. estrictions, Impactice: Environment vant requirements controls to managastrophic Fire Col	tal Management) as per the sof this Code including undertaking a ge risks (e.g. implementation of additions will largely negate risk).
Potential impacts	Plant and machinery may be an ignition sou Activities must comply with CEA Location Remust comply with (Exploration Code of Praccommitment in the application (APO). Relevisk assessment and implementing suitable controls on activities during Extreme or Cata Activities must comply with WHS legislative	rce. estrictions, Impactice: Environment vant requirements controls to managastrophic Fire Col	tal Management) as per the s of this Code including undertaking a ge risks (e.g. implementation of
Potential impacts Proposed management controls	Plant and machinery may be an ignition sou Activities must comply with CEA Location Remust comply with (Exploration Code of Praccommitment in the application (APO). Relevisk assessment and implementing suitable controls on activities during Extreme or Cata	rce. estrictions, Impactice: Environment vant requirements controls to managastrophic Fire Col	tal Management) as per the sof this Code including undertaking a ge risks (e.g. implementation of additions will largely negate risk).
Potential impacts Proposed management controls Duration	Plant and machinery may be an ignition sou Activities must comply with CEA Location Remust comply with (Exploration Code of Praccommitment in the application (APO). Relevisk assessment and implementing suitable controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire.	rce. estrictions, Impactice: Environment vant requirements controls to managastrophic Fire Col	tal Management) as per the sof this Code including undertaking a ge risks (e.g. implementation of additions will largely negate risk).
Potential impacts Proposed management controls	Plant and machinery may be an ignition sou Activities must comply with CEA Location Remust comply with (Exploration Code of Praccommitment in the application (APO). Relevisk assessment and implementing suitable controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term	rce. estrictions, Impactice: Environment vant requirements controls to managastrophic Fire Col	tal Management) as per the sof this Code including undertaking a ge risks (e.g. implementation of additions will largely negate risk).
Potential impacts Proposed management controls Duration Application ranking What is the confidence in	Plant and machinery may be an ignition sou Activities must comply with CEA Location Remust comply with (Exploration Code of Praccommitment in the application (APO). Relevisk assessment and implementing suitable controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire.	rce. estrictions, Impactice: Environmen vant requirements controls to mana- astrophic Fire Cor requirements.	tal Management) as per the sof this Code including undertaking a ge risks (e.g. implementation of nditions will largely negate risk). Any existing/proposed access tracks
Potential impacts Proposed management controls Duration Application ranking	Plant and machinery may be an ignition sou Activities must comply with CEA Location Remust comply with (Exploration Code of Praccommitment in the application (APO). Relevisk assessment and implementing suitable controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term	rce. estrictions, Impactice: Environmenty ant requirements controls to managestrophic Fire Correquirements. Are further	tal Management) as per the sof this Code including undertaking a ge risks (e.g. implementation of nditions will largely negate risk). Any existing/proposed access tracks
Potential impacts Proposed management controls Duration Application ranking What is the confidence in	Plant and machinery may be an ignition sou Activities must comply with CEA Location Remust comply with (Exploration Code of Praccommitment in the application (APO). Relevisk assessment and implementing suitable controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term	rce. estrictions, Impactice: Environment vant requirements controls to managastrophic Fire Correquirements. Are further studies	tal Management) as per the sof this Code including undertaking a ge risks (e.g. implementation of nditions will largely negate risk). Any existing/proposed access tracks
Potential impacts Proposed management controls Duration Application ranking What is the confidence in	Plant and machinery may be an ignition sou Activities must comply with CEA Location Remust comply with (Exploration Code of Praccommitment in the application (APO). Relevisk assessment and implementing suitable controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term	rce. estrictions, Impactice: Environment requirements controls to managestrophic Fire Correquirements. Are further studies required on	tal Management) as per the sof this Code including undertaking a ge risks (e.g. implementation of nditions will largely negate risk). Any existing/proposed access tracks
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	Plant and machinery may be an ignition sou Activities must comply with CEA Location Remust comply with (Exploration Code of Praccommitment in the application (APO). Relevisk assessment and implementing suitable controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term	rce. estrictions, Impactice: Environment/ant requirements. controls to manastrophic Fire Correquirements. Are further studies required on impacts or	tal Management) as per the sof this Code including undertaking a ge risks (e.g. implementation of nditions will largely negate risk). Any existing/proposed access tracks
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	Plant and machinery may be an ignition sou Activities must comply with CEA Location Re must comply with (Exploration Code of Prac commitment in the application (APO). Relev risk assessment and implementing suitable controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High	rce. estrictions, Impactice: Environment/ant requirements controls to managestrophic Fire Correquirements. Are further studies required on impacts or mitigation? What is the level of	tal Management) as per the s of this Code including undertaking a ge risks (e.g. implementation of nditions will largely negate risk). Any existing/proposed access tracks
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	Plant and machinery may be an ignition sou Activities must comply with CEA Location Re must comply with (Exploration Code of Prac commitment in the application (APO). Relev risk assessment and implementing suitable controls on activities during Extreme or Cata Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High	rce. estrictions, Impactice: Environment/ant requirements controls to manastrophic Fire Correquirements. Are further studies required on impacts or mitigation? What is the	tal Management) as per the s of this Code including undertaking a ge risks (e.g. implementation of nditions will largely negate risk). Any existing/proposed access tracks

Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Fully	Justification f	or ranking	
Do the operations comply with standards, plans, policies?	Yes			
Criteria	Social Impacts: Any impacts which result in a community, including changes to workforce change in demand for community resources	or industry struct	ure of the area/region. Including	
	labour force).	<u> </u>		
Potential impacts	Limited potential for any significant change in Negligible impacts and only localised change increase in demand for accommodation, foo- to warrant significant changes in supply.	es in demand for d, mechanical an	community resources. Minimal ad fuel supplies, etc. Not large enough	
Proposed management controls	Negligible impacts likely due to low personnel numbers and temporary nature of exploration. Generally positive for suppliers of services and goods utilised.			
Duration	Short term			
Application ranking				
What is the confidence in predicting impacts?	High	Are further studies required on impacts or	No	
		mitigation?		
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	Uncertain	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Fully	Justification f	or ranking	
Do the operations comply with standards, plans, policies?	Yes		<u> </u>	
Criteria Criteria	Social Impacts: Any environmental impact th community (including loss of facilities or loss			
Potential impacts		exploration activ	e any significant or long term change or ities, temporarily removed from natural ty and visual impacts.	
Proposed management controls	Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relev potential impacts on all aspects of the environment of	estrictions, Impac tice: Environment vant requirements onment (including title conditions (E	t Thresholds and Criteria. Activities tal Management) as per the s of this Code include minimising water, land, air). All disturbed exploration Code of Practice:	
Duration	Short term			
Application ranking				
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?	High Resilience	What is the level of public concern?	Uncertain	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Partly	Justification f	or ranking	
Do the operations comply with	Yes	Justinication I	or railking	
standards, plans, policies? Criteria	Social Impacts: Any impacts which result in a disadvantaged (e.g. change to community fa			
Potential impacts	Impacts from activities not of a nature to cau community. Limited potential to significal	se any significan ntly impact on ind activities, tempo	It or long term change or disruption to dividuals or communities - short term rarily removed from natural systems	

	Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relevelements of the environment (water, land, so be rehabilitated in accordance with title cond Rehabilitation to occur as soon as practicabl requirement for landholder access arrangem Compensation under Mining Act available to WHS legislative requirements.	tice: Environment vant requirements oil, air), culture ar litions (Exploratio e after completio nents and compel	tal Management) as per the softhis Code include protection of all ad heritage. All disturbed areas to on Code of Practice: Rehabilitation). In of activity. Legislative insation limit any potential impacts.
Duration	Short term		
Application ranking		T	Γ
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?	High Resilience	What is the level of public concern?	Uncertain
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification for	or ranking
Do the operations comply with standards, plans, policies? Criteria	Yes Social Impacts: Any impacts on the health, s	afety, privacy or	welfare of individuals or communities
	caused by factors such as pollution, odour, r	noise, vibration, li	ghting, visual impacts, etc).
Potential impacts	Activities not of a nature to cause any signifi- impacts. Limited potential to significantly impacts only. Short term and temporary	impact on individ	duals or communities - short term
	must comply with (Exploration Code of Pract commitment in the application (APO). Relev elements of the environment (water, land, so	ant requirements	s of this Code include protection of all
	be rehabilitated in accordance with title cond Rehabilitation to occur as soon as practicabl requirement for landholder access arrangem Compensation under Mining Act available to	litions (Exploration e after completion ents and compe	on Code of Practice: Rehabilitation). In of activity. Legislative Insation limit any potential impacts.
Duration	be rehabilitated in accordance with title cond Rehabilitation to occur as soon as practicabl requirement for landholder access arrangem	litions (Exploration e after completion ents and compe	on Code of Practice: Rehabilitation). In of activity. Legislative Insation limit any potential impacts.
Duration Application ranking	be rehabilitated in accordance with title cond Rehabilitation to occur as soon as practicabl requirement for landholder access arrangem Compensation under Mining Act available to WHS legislative requirements.	litions (Exploration e after completion ents and compe	on Code of Practice: Rehabilitation). In of activity. Legislative Insation limit any potential impacts.
	be rehabilitated in accordance with title cond Rehabilitation to occur as soon as practicabl requirement for landholder access arrangem Compensation under Mining Act available to WHS legislative requirements.	litions (Exploration e after completion ents and compe	on Code of Practice: Rehabilitation). In of activity. Legislative Insation limit any potential impacts.
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	be rehabilitated in accordance with title cond Rehabilitation to occur as soon as practicabl requirement for landholder access arrangem Compensation under Mining Act available to WHS legislative requirements. Short term	Are further studies required on impacts or mitigation? What is the level of public concern?	on Code of Practice: Rehabilitation). In of activity. Legislative Insation limit any potential impacts. Insation. Activities must comply with
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	be rehabilitated in accordance with title cond Rehabilitation to occur as soon as practicabl requirement for landholder access arrangem Compensation under Mining Act available to WHS legislative requirements. Short term	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	on Code of Practice: Rehabilitation). In of activity. Legislative Insation limit any potential impacts. Insation. Activities must comply with No Uncertain 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?	be rehabilitated in accordance with title cond Rehabilitation to occur as soon as practicabl requirement for landholder access arrangem Compensation under Mining Act available to WHS legislative requirements. Short term N/A N/A Yes Fully	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	on Code of Practice: Rehabilitation). In of activity. Legislative Insation limit any potential impacts. Insation. Activities must comply with No Uncertain Low
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	be rehabilitated in accordance with title cond Rehabilitation to occur as soon as practicabl requirement for landholder access arrangem Compensation under Mining Act available to WHS legislative requirements. Short term N/A N/A Yes	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	on Code of Practice: Rehabilitation). In of activity. Legislative Insation limit any potential impacts. Insation. Activities must comply with No Uncertain 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	be rehabilitated in accordance with title cond Rehabilitation to occur as soon as practicabl requirement for landholder access arrangem Compensation under Mining Act available to WHS legislative requirements. Short term N/A N/A Yes Fully Yes Social Impacts: Effect on a locality, place or archaeological, architectural, cultural, historivalue for present or future generations?	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for solutions after the significance and significance	on Code of Practice: Rehabilitation). In of activity. Legislative Insation limit any potential impacts. Insation. Activities must comply with No Uncertain Low or ranking lesthetic, anthropological, locial significance or other special
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?	be rehabilitated in accordance with title cond Rehabilitation to occur as soon as practicabl requirement for landholder access arrangem Compensation under Mining Act available to WHS legislative requirements. Short term N/A N/A Yes Fully Yes Social Impacts: Effect on a locality, place or archaeological, architectural, cultural, historical	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for building having a cal, scientific or s	n Code of Practice: Rehabilitation). n of activity. Legislative nsation limit any potential impacts. nsation. Activities must comply with No Uncertain Low or ranking nesthetic, anthropological, social significance or other special g aesthetic, anthropological,
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	be rehabilitated in accordance with title cond Rehabilitation to occur as soon as practicabl requirement for landholder access arrangem Compensation under Mining Act available to WHS legislative requirements. Short term N/A N/A Yes Fully Yes Social Impacts: Effect on a locality, place or archaeological, architectural, cultural, historivalue for present or future generations? Negligible impacts likely due to low impact of exploration. Activities must comply with title conditions as a condition of exploration. Activities must comply with title conditions as a condition of exploration. Activities must comply with title conditions are conditionally according to the condition of exploration. Activities must comply with title condition as a condition of exploration. Activities must comply with title condition as a condition as a condition of exploration.	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for building having a cal, scientific or significance or building having exploration code of or code of the CEA Location for code of the code	on Code of Practice: Rehabilitation). In of activity. Legislative Insation limit any potential impacts. Insation. Activities must comply with No Uncertain Low or ranking sesthetic, anthropological, social significance or other special d temporary impacts only.
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	be rehabilitated in accordance with title cond Rehabilitation to occur as soon as practicabl requirement for landholder access arrangem Compensation under Mining Act available to WHS legislative requirements. Short term N/A N/A Yes Fully Yes Social Impacts: Effect on a locality, place or archaeological, architectural, cultural, historivalue for present or future generations? Negligible potential to effect a locality, place archaeological, architectural, cultural, historivalue due to location restrictions of a CEA. Negligible impacts likely due to low impact of exploration. Activities must comply with Criteria. Activities must comply with (Exploration (AF)	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for building having a cal, scientific or significance short term and complying explication Code of	on Code of Practice: Rehabilitation). In of activity. Legislative Insation limit any potential impacts. Insation. Activities must comply with No Uncertain Low or ranking desthetic, anthropological, social significance or other special democracy impacts only. Insation activities and temporary nature Restrictions, Impact Thresholds and Practice: Environmental Management)

What is the confidence in	High	Are further	No
predicting impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	High Resilience	What is the	Uncertain
cope with impacts?	1	level of	
·		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Partly	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Social Impacts: Impacts on communities with	n strong sense of	fidentity.
Potential impacts	·		<u> </u>
rotential impacts	Community likely to include members who have concerns about possible future mining following a exploration program. Short term and temporary impacts only.		
Proposed management controls	Short term impacts on the community and programs		
r roposed management controls	landholder agreement and any compensatio		ed areas to be rehabilitated in
	accordance with title conditions (Exploration		
	occur as soon as practicable after completio		. Ronabilitation). Renabilitation (0
Duration	Short term	ii oi aonvity.	
Application ranking	Short tolli		
What is the confidence in	Medium	Are further	No
predicting impacts?	Wediaiii	studies	INO
predicting impacts?		required on	
		impacts or	
Have reallight in the anningment to	High Deciliones	mitigation?	Unachtain
How resilient is the environment to	High Resilience	What is the	Uncertain
cope with impacts?		level of	
		public	
0 41 - 1 4 - 1 10	No.	concern?	1
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
One the lower state by without all	Dette	significance	
Can the impacts be mitigated?	Partly		or ranking
Do the operations comply with	Partly Yes	significance	or ranking
Do the operations comply with standards, plans, policies?	Yes	significance Justification f	or ranking
Do the operations comply with standards, plans, policies? Criteria	Yes Social Impacts: Impacts on disadvantaged of	significance Justification f	or ranking
Do the operations comply with standards, plans, policies? Criteria Potential impacts	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted.	significance Justification f	
Do the operations comply with standards, plans, policies? Criteria	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and predictions of the community and predictions	significance Justification for the second se	ited to immediate site. Subject to
Do the operations comply with standards, plans, policies? Criteria Potential impacts	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and predicted impacts on disadvantaged or negative impacts on disadvantaged or negative impacts on disadvantaged or negative impacts.	significance Justification for the second se	ited to immediate site. Subject to ed areas to be rehabilitated in
Do the operations comply with standards, plans, policies? Criteria Potential impacts	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and plandholder agreement and any compensation accordance with title conditions (Exploration)	significance Justification for the second process of the second pr	ited to immediate site. Subject to ed areas to be rehabilitated in
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and plandholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion).	significance Justification for the second process of the second pr	ited to immediate site. Subject to ed areas to be rehabilitated in
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and plandholder agreement and any compensation accordance with title conditions (Exploration)	significance Justification for the second process of the second pr	ited to immediate site. Subject to ed areas to be rehabilitated in
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and plandholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term	significance Justification for the second se	ited to immediate site. Subject to ed areas to be rehabilitated in e: Rehabilitation). Rehabilitation to
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and plandholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion).	significance Justification for the second se	ited to immediate site. Subject to ed areas to be rehabilitated in
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and plandholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term	ommunities. redominantly lim n. All disturbe Code of Practice n of activity. Are further studies	ited to immediate site. Subject to ed areas to be rehabilitated in e: Rehabilitation). Rehabilitation to
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and plandholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term	ommunities. redominantly lim n. All disturbe Code of Practice n of activity. Are further studies required on	ited to immediate site. Subject to ed areas to be rehabilitated in e: Rehabilitation). Rehabilitation to
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and plandholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term	ommunities. redominantly lim n. All disturbe Code of Practice n of activity. Are further studies required on impacts or	ited to immediate site. Subject to ed areas to be rehabilitated in e: Rehabilitation). Rehabilitation to
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and plandholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term	ommunities. redominantly lim n. All disturbe Code of Practice n of activity. Are further studies required on	ited to immediate site. Subject to ed areas to be rehabilitated in e: Rehabilitation). Rehabilitation to
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	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and plandholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term	ommunities. redominantly lim n. All disturbe Code of Practice n of activity. Are further studies required on impacts or	ited to immediate site. Subject to ed areas to be rehabilitated in e: Rehabilitation). Rehabilitation to
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and predicted agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term High	significance Justification for the second se	ited to immediate site. Subject to ed areas to be rehabilitated in e: Rehabilitation). Rehabilitation to
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	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and predicted agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term High	significance Justification for the state of activity. Are further studies required on impacts or mitigation? What is the	ited to immediate site. Subject to ed areas to be rehabilitated in e: Rehabilitation). Rehabilitation to
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	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and predicted agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term High	significance Justification for the state of activity. Are further studies required on impacts or mitigation? What is the level of	ited to immediate site. Subject to ed areas to be rehabilitated in e: Rehabilitation). Rehabilitation to
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	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and predicted agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term High	significance Justification for the second significance of the second signif	ited to immediate site. Subject to ed areas to be rehabilitated in e: Rehabilitation). Rehabilitation to
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?	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and predicted agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term High High Resilience	significance Justification for the street of activity. Are further studies required on impacts or mitigation? What is the level of public concern?	ited to immediate site. Subject to ed areas to be rehabilitated in expension in the second sec
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?	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and predicted agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term High High Resilience	significance Justification for the state of activity. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of	ited to immediate site. Subject to ed areas to be rehabilitated in expension in the control of t
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?	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and predicted agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term High High Resilience	significance Justification f Justification f ommunities. redominantly lim n. All disturbe Code of Practice n of activity. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	ited to immediate site. Subject to ed areas to be rehabilitated in expension in the expension of the expensi
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?	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and pullandholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term High High Resilience	significance Justification f Justification f ommunities. redominantly lim n. All disturbe Code of Practice n of activity. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	ited to immediate site. Subject to ed areas to be rehabilitated in expension in the expension of the expensi
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	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and pullandholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term High High Resilience	significance Justification f Justification f ommunities. redominantly lim n. All disturbe Code of Practice n of activity. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	ited to immediate site. Subject to ed areas to be rehabilitated in expension in the expension of the expensi
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?	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and predicted agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term High High Resilience	significance Justification for the studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for studies required on impacts or mitigation?	ited to immediate site. Subject to ed areas to be rehabilitated in expension in the second se
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?	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and pull landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term High High Resilience Yes Fully Yes Economic Impacts: Any impacts which may	significance Justification for the studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for studies required on impacts or mitigation?	ited to immediate site. Subject to ed areas to be rehabilitated in expension in the second se
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? Criteria	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and predicted agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term High High Resilience Yes Fully Yes Economic Impacts: Any impacts which may a decrease to net economic welfare.	significance Justification for the studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for affect economic affec	ited to immediate site. Subject to ed areas to be rehabilitated in at Rehabilitation to. No Uncertain Low or ranking activity (positive or negative), including
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? Criteria	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and predicted agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term High High Resilience Yes Fully Yes Economic Impacts: Any impacts which may a decrease to net economic welfare. No significant impacts predicted. Minima	significance Justification for the studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the studies of the studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance discription for the studies of the studies o	ited to immediate site. Subject to ed areas to be rehabilitated in expension in the rehabilitation to such a site of the rehabilitation in the rehabilitat
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? Criteria Potential impacts	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and predicted agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term High High Resilience Yes Fully Yes Economic Impacts: Any impacts which may a decrease to net economic welfare. No significant impacts predicted. Minimal mechanical and fuel supplies, etc. Not large	significance Justification for the studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the enough to warra	ited to immediate site. Subject to ed areas to be rehabilitated in expension in the second and t
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? Criteria Potential impacts	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and pull landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion is Short term High High Resilience Yes Fully Yes Economic Impacts: Any impacts which may a decrease to net economic welfare. No significant impacts predicted. Minimal mechanical and fuel supplies, etc. Not large in Negligible impacts likely due to low personner.	significance Justification for the state of activity. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the state of t	ited to immediate site. Subject to ed areas to be rehabilitated in expension in the expension of the education of the educati
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? Criteria Potential impacts Proposed management controls	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and pull landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion is Short term High High Resilience Yes Fully Yes Economic Impacts: Any impacts which may a decrease to net economic welfare. No significant impacts predicted. Minimal mechanical and fuel supplies, etc. Not large in Negligible impacts likely due to low personning Generally positive for suppliers of services as	significance Justification for the state of activity. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the state of t	ited to immediate site. Subject to ed areas to be rehabilitated in expension in the content of t
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 operations comply with standards, plans, policies?	Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and pull landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion is Short term High High Resilience Yes Fully Yes Economic Impacts: Any impacts which may a decrease to net economic welfare. No significant impacts predicted. Minimal mechanical and fuel supplies, etc. Not large in Negligible impacts likely due to low personner.	significance Justification for the state of activity. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the state of t	ited to immediate site. Subject to ed areas to be rehabilitated in exploration. Rehabilitation to No Uncertain Low or ranking activity (positive or negative), including and for accommodation, food, ant significant changes in supply. Emporary nature of exploration.

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?	High Resilience	What is the level of public concern?	Uncertain
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification for	or ranking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Economic Impacts: Any impacts that result i		
Potential impacts	Activities not of a scale to warrant changes result in increased income for some supplie	rs.	Temporary increase in demand will
Proposed management controls	Negligible impacts likely due to low personn Generally positive for suppliers of services a		
Duration	Short term		
Application ranking			
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?	High Resilience	What is the level of public concern?	Uncertain
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Partly	Justification for	or ranking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Economic Impacts: Any impacts which resul	It in a change to t	he public sector revenue or
	expenditure base.		
Potential impacts	expenditure base. Rehabilitation security bond covers any futu exploration may lead to significant mining in impacts from exploration.		or rehabilitation. Investment in nited long term negative economic
Proposed management controls	Rehabilitation security bond covers any futu exploration may lead to significant mining in	vestment. Lin	nited long term negative economic
Proposed management controls Duration	Rehabilitation security bond covers any futu exploration may lead to significant mining in impacts from exploration.	vestment. Lin	nited long term negative economic
Proposed management controls Duration Application ranking	Rehabilitation security bond covers any futu exploration may lead to significant mining in impacts from exploration. Small increase in public revenue associated Short term	vestment. Lin	including taxes from wages.
Proposed management controls Duration	Rehabilitation security bond covers any futu exploration may lead to significant mining in impacts from exploration. Small increase in public revenue associated	vestment. Lin	nited long term negative economic
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	Rehabilitation security bond covers any futu exploration may lead to significant mining in impacts from exploration. Small increase in public revenue associated Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern?	including taxes from wages.
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?	Rehabilitation security bond covers any futu exploration may lead to significant mining in impacts from exploration. Small increase in public revenue associated Short term High	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	including taxes from wages. No Uncertain 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?	Rehabilitation security bond covers any futu exploration may lead to significant mining in impacts from exploration. Small increase in public revenue associated Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	including taxes from wages. No Uncertain 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?	Rehabilitation security bond covers any futu exploration may lead to significant mining in impacts from exploration. Small increase in public revenue associated Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	including taxes from wages. No Uncertain 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	Rehabilitation security bond covers any futu exploration may lead to significant mining in impacts from exploration. Small increase in public revenue associated Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	including taxes from wages. No Uncertain Low or ranking
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?	Rehabilitation security bond covers any future exploration may lead to significant mining in impacts from exploration. Small increase in public revenue associated Short term High High Resilience Yes No Yes Heritage Impacts: Any impacts on a locality,	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for place, landscape Short term noise	including taxes from wages. No Uncertain Low or ranking
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	Rehabilitation security bond covers any future exploration may lead to significant mining in impacts from exploration. Small increase in public revenue associated Short term High High Resilience Yes No Yes Heritage Impacts: Any impacts on a locality, heritage significance. Damage to structures and sensitive features locality, places, landscapes or buildings.	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for Short term noises of a locality. estrictions, Impactice: Environment (including All disturbed a actice: Rehabilitation.	including taxes from wages. No Uncertain Low or ranking e, building or archaeological relic of stential to significantly impact on e, air quality and visual impacts. tt Thresholds and Criteria. Activities tal Management) as per the s of this Code include minimising water, land, air), culture and heritage reas to be rehabilitated in accordance ion). Rehabilitation to occur as soon as

What is the confidence in predicting impacts?	N/A	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?	Uncertain		
Can the impacts be reversed?	Yes	Ranking of potential significance	Low		
Can the impacts be mitigated?	Partly	Justification f	or ranking		
Do the operations comply with standards, plans, policies?	Yes				
Criteria	flaring of gas.				
Potential impacts	Limited potential to significantly impact on visual or scenic landscape. Short term noise, air quality and visual impacts. Potential for temporary impact on aesthetics of a locality. Lighting night time operations and use of access tracks by vehicles at night may affect local amenity				
Proposed management controls	Activities must comply with CEA Location Remust comply with (Exploration Code of Practicommitment in the application (APO). Relevant potential impacts on all aspects of the enviro (Aboriginal and Non-Indigenous heritage). with title conditions (Exploration Code of Prapracticable after completion of activity (included).	tice: Environment vant requirements onment (including All disturbed a actice: Rehabilitat	tal Management) as per the sof this Code include minimising water, land, air), culture and heritage reas to be rehabilitated in accordance tion). Rehabilitation to occur as soon as		
Duration	Short term	unig couning of an	ly bereneles).		
Application ranking					
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?	High Resilience	What is the level of public concern?	Uncertain		
Can the impacts be reversed?	N/A	Ranking of potential significance	Low		
Can the impacts be mitigated?	Fully	Justification f	or ranking		
Do the operations comply with standards, plans, policies?	Yes				
Criteria	Aesthetic Impacts: Areas or items of high ae				
Potential impacts	Limited potential to significantly impact on action and visual impacts. Potential for temporaright time operations and use of access trace Exploration activities, including any removal on visual amenity.	ary impact on aes ks by vehicles at of vegetation and	sthetics of a locality. Lighting during in night may affect local amenity. d access track locations, may impact		
Proposed management controls	Code of Practice: Rehabilitation). Rehabilitat activity (including sealing of any boreholes).	d Criteria. Acent) as per the cominimising potenure and heritage bilitated in accord	tial impacts on all aspects of the (Aboriginal and Non-Indigenous dance with title conditions (Exploration		
Duration	Short term				
Application ranking 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?	High Resilience	What is the level of public concern?	Uncertain		
Can the impacts be reversed?	Yes	Ranking of potential significance	Low		
Can the impacts be mitigated?	Partly	Justification f	or ronking		

Do the operations comply with standards, plans, policies?	Yes			
Standards, plans, policies? Criteria	Cultural Impacts: Any disturbance of the gro tree).	und surface or ar	ny culturally modified trees (e.g. a scar	
Potential impacts Proposed management controls	Short term ground disturbance. Potential for temporary impact on aesthetics of a locality. Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities cannot occur on land declared an Aboriginal Place and activities must not harm Aboriginal Objects. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include minimising potential impacts on all aspects of the environment (including water, land, air), culture and heritage (Aboriginal and Non-Indigenous heritage). All disturbed areas to be rehabilitated in accordance			
	with title conditions (Exploration Code of Pra practicable after completion of activity (include	ctice: Rehabilitat	ion). Rehabilitation to occur as soon as	
Duration	Short term		,	
Application ranking	LEst	A Ctl	I NI.	
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?	High Resilience	What is the level of public concern?	Uncertain	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Fully	Justification for	or ranking	
Do the operations comply with standards, plans, policies?	Yes			
Criteria	Cultural Impacts: Any impacts on known Abo	। original objects o।	r Aboriginal places.	
Potential impacts			poriginal objects and places through	
Proposed management controls	ground disturbance, excavations, vegetation			
	cannot occur on land declared an Aboriginal Activities must comply with (Exploration Cod	Place and activit le of Practice: En	vironmental Management) as per the	
•	cannot occur on land declared an Aboriginal Activities must comply with (Exploration Cod commitment in the application (APO). Relev potential impacts on all aspects of the enviro (Aboriginal and Non-Indigenous heritage). with title conditions (Exploration Code of Pra	Place and activit le of Practice: En vant requirements onment (including All disturbed a actice: Rehabilitat	ties must not harm Aboriginal Objects. vironmental Management) as per the s of this Code include minimising water, land, air), culture and heritage reas to be rehabilitated in accordance ion). Rehabilitation to occur as soon as	
Duration	cannot occur on land declared an Aboriginal Activities must comply with (Exploration Cod commitment in the application (APO). Relev potential impacts on all aspects of the enviro (Aboriginal and Non-Indigenous heritage).	Place and activit le of Practice: En vant requirements onment (including All disturbed a actice: Rehabilitat	ties must not harm Aboriginal Objects. vironmental Management) as per the s of this Code include minimising water, land, air), culture and heritage reas to be rehabilitated in accordance ion). Rehabilitation to occur as soon as	
Application ranking	cannot occur on land declared an Aboriginal Activities must comply with (Exploration Code commitment in the application (APO). Relevant potential impacts on all aspects of the environ (Aboriginal and Non-Indigenous heritage). With title conditions (Exploration Code of Prapracticable after completion of activity (include Short term	Place and activit le of Practice: En vant requirements onment (including All disturbed a actice: Rehabilitat ding sealing of ar	ties must not harm Aboriginal Objects. vironmental Management) as per the s of this Code include minimising water, land, air), culture and heritage reas to be rehabilitated in accordance ion). Rehabilitation to occur as soon as by boreholes).	
	cannot occur on land declared an Aboriginal Activities must comply with (Exploration Cod commitment in the application (APO). Relev potential impacts on all aspects of the enviro (Aboriginal and Non-Indigenous heritage). with title conditions (Exploration Code of Prapracticable after completion of activity (included)	Place and activitie of Practice: Envant requirements onment (including All disturbed a actice: Rehabilitating sealing of ar ar at a further studies required on impacts or	ties must not harm Aboriginal Objects. vironmental Management) as per the s of this Code include minimising water, land, air), culture and heritage reas to be rehabilitated in accordance ion). Rehabilitation to occur as soon as	
Application ranking What is the confidence in	cannot occur on land declared an Aboriginal Activities must comply with (Exploration Code commitment in the application (APO). Relevant potential impacts on all aspects of the environ (Aboriginal and Non-Indigenous heritage). With title conditions (Exploration Code of Prapracticable after completion of activity (include Short term	Place and activitie of Practice: Envant requirements onment (including All disturbed a actice: Rehabilitating sealing of ar	ties must not harm Aboriginal Objects. vironmental Management) as per the s of this Code include minimising water, land, air), culture and heritage reas to be rehabilitated in accordance ion). Rehabilitation to occur as soon as by boreholes).	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	cannot occur on land declared an Aboriginal Activities must comply with (Exploration Code commitment in the application (APO). Relev potential impacts on all aspects of the environ (Aboriginal and Non-Indigenous heritage). With title conditions (Exploration Code of Prapracticable after completion of activity (include Short term) High	Place and activitie of Practice: Envant requirements of the control of the contro	ties must not harm Aboriginal Objects. vironmental Management) as per the s of this Code include minimising water, land, air), culture and heritage reas to be rehabilitated in accordance ion). Rehabilitation to occur as soon as ny boreholes). No Uncertain 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?	cannot occur on land declared an Aboriginal Activities must comply with (Exploration Code commitment in the application (APO). Relev potential impacts on all aspects of the environ (Aboriginal and Non-Indigenous heritage). With title conditions (Exploration Code of Prapracticable after completion of activity (includes Short term) High High Resilience	Place and activitie of Practice: Envant requirements of the control of the contro	ties must not harm Aboriginal Objects. vironmental Management) as per the s of this Code include minimising water, land, air), culture and heritage reas to be rehabilitated in accordance ion). Rehabilitation to occur as soon as ny boreholes). No Uncertain Low	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	cannot occur on land declared an Aboriginal Activities must comply with (Exploration Code commitment in the application (APO). Relev potential impacts on all aspects of the environ (Aboriginal and Non-Indigenous heritage). With title conditions (Exploration Code of Praparacticable after completion of activity (includes Short term) High High Resilience	Place and activitie of Practice: Envant requirements of the control of the contro	ties must not harm Aboriginal Objects. vironmental Management) as per the s of this Code include minimising water, land, air), culture and heritage reas to be rehabilitated in accordance ion). Rehabilitation to occur as soon as ny boreholes). No Uncertain 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	cannot occur on land declared an Aboriginal Activities must comply with (Exploration Code commitment in the application (APO). Relev potential impacts on all aspects of the environ (Aboriginal and Non-Indigenous heritage). With title conditions (Exploration Code of Prapracticable after completion of activity (include Short term) High High Resilience Yes Fully Yes Cultural Impacts: Affects areas where the land Aboriginal objects.	Place and activitie of Practice: Envant requirements onment (including All disturbed a actice: Rehabilitating sealing of ar ar at a further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for a fundamental significance and a fu	ties must not harm Aboriginal Objects. vironmental Management) as per the s of this Code include minimising water, land, air), culture and heritage reas to be rehabilitated in accordance ion). Rehabilitation to occur as soon as my boreholes). No Uncertain Low or ranking	
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?	cannot occur on land declared an Aboriginal Activities must comply with (Exploration Code commitment in the application (APO). Relev potential impacts on all aspects of the environ (Aboriginal and Non-Indigenous heritage). With title conditions (Exploration Code of Prapracticable after completion of activity (include Short term) High High Resilience Yes Fully Yes Cultural Impacts: Affects areas where the lat Aboriginal objects. Short term ground disturbance. Potentia	Place and activitie of Practice: Envant requirements on the including All disturbed a actice: Rehabilitating sealing of ar actice: Required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for actices and activities are acticed as a concern.	ties must not harm Aboriginal Objects. vironmental Management) as per the s of this Code include minimising water, land, air), culture and heritage reas to be rehabilitated in accordance ion). Rehabilitation to occur as soon as ny boreholes). No Uncertain Low or ranking	
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	cannot occur on land declared an Aboriginal Activities must comply with (Exploration Code commitment in the application (APO). Relev potential impacts on all aspects of the environ (Aboriginal and Non-Indigenous heritage). With title conditions (Exploration Code of Prapracticable after completion of activity (include Short term) High High Resilience Yes Fully Yes Cultural Impacts: Affects areas where the land Aboriginal objects.	Place and activitile of Practice: Envant requirements on ment (including All disturbed a actice: Rehabilitating sealing of ar ar at a clear and activities required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for a clearing, etc. estrictions, Impact and activities of Practice: Envant requirements on ment (including All disturbed a actice: Rehabilitation for a concerned actice: Rehabilitation for a concerned actice: Rehabilitation for a concerned actice: Rehabilitation for a content and actice: Re	ties must not harm Aboriginal Objects. vironmental Management) as per the s of this Code include minimising water, land, air), culture and heritage reas to be rehabilitated in accordance ion). Rehabilitation to occur as soon as by boreholes). No Uncertain Low or ranking indicate the likely presence of boriginal objects and places through the this Code include minimising water, land, air), culture and heritage reas to be rehabilitation to occur as soon as in water, land, air), culture and heritage reas to be rehabilitated in accordance ion). Rehabilitation to occur as soon as	
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	cannot occur on land declared an Aboriginal Activities must comply with (Exploration Code commitment in the application (APO). Relev potential impacts on all aspects of the environ (Aboriginal and Non-Indigenous heritage). With title conditions (Exploration Code of Prapracticable after completion of activity (include Short term) High High Resilience Yes Fully Yes Cultural Impacts: Affects areas where the late Aboriginal objects. Short term ground disturbance. Potential ground disturbance, excavations, vegetation Activities must comply with CEA Location Recannot occur on land declared an Aboriginal Activities must comply with (Exploration Code commitment in the application (APO). Relev potential impacts on all aspects of the environ (Aboriginal and Non-Indigenous heritage). With title conditions (Exploration Code of Pragorial Code of Pragor	Place and activitile of Practice: Envant requirements on ment (including All disturbed a actice: Rehabilitating sealing of ar ar at a clear and activities required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for a clearing, etc. estrictions, Impact and activities of Practice: Envant requirements on ment (including All disturbed a actice: Rehabilitation for a concerned actice: Rehabilitation for a concerned actice: Rehabilitation for a concerned actice: Rehabilitation for a content and actice: Re	ties must not harm Aboriginal Objects. vironmental Management) as per the s of this Code include minimising water, land, air), culture and heritage reas to be rehabilitated in accordance ion). Rehabilitation to occur as soon as by boreholes). No Uncertain Low or ranking indicate the likely presence of boriginal objects and places through the this Code include minimising water, land, air), culture and heritage reas to be rehabilitation to occur as soon as in water, land, air), culture and heritage reas to be rehabilitated in accordance ion). Rehabilitation to occur as soon as	

What is the confidence in	High	Are further	No
predicting impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	High Resilience	What is the	Uncertain
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	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Cultural Impacts: Affects areas subject to na	tive title claims, in	ndigenous land use agreements or
	joint management arrangements.		ů ů
Potential impacts	Condition of exploration title/authority prohibits exploration on any land or waters on which Nat		
	Title has not been extinguished, unless the		
Proposed management controls	Condition of exploration title/authority prohib		
r roposca management controls	Title has not been extinguished, unless the		
Duration	Short term	onor concont or tr	io minister nae been ebtamea.
Application ranking	5510 (0111)		
What is the confidence in	High	Are further	No
	Підії	studies	INO
predicting impacts?			
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	High Resilience	What is the	Uncertain
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	or ranking
Can the impacts be mitigated? Do the operations comply with	Fully Yes	Justification for	or ranking
	,	Justification for	or ranking
Do the operations comply with	,		· ·
Do the operations comply with standards, plans, policies? Criteria	Yes Cultural Impacts: Impacts on Aboriginal com	munities or areas	s subject to land rights claims.
Do the operations comply with standards, plans, policies?	Yes Cultural Impacts: Impacts on Aboriginal com Condition of exploration title/authority prohib	munities or areas	s subject to land rights claims. any land or waters on which Native
Do the operations comply with standards, plans, policies? Criteria	Yes Cultural Impacts: Impacts on Aboriginal com Condition of exploration title/authority prohib Title has not been extinguished, unless the p	munities or areas its exploration on prior consent of th	s subject to land rights claims. any land or waters on which Native the Minister has been obtained.
Do the operations comply with standards, plans, policies? Criteria	Yes Cultural Impacts: Impacts on Aboriginal com Condition of exploration title/authority prohib Title has not been extinguished, unless the p Activities must comply with CEA Location Re	munities or areas its exploration on orior consent of the estrictions, Impac	s subject to land rights claims. any land or waters on which Native ne Minister has been obtained. t Thresholds and Criteria. Activities
Do the operations comply with standards, plans, policies? Criteria	Yes Cultural Impacts: Impacts on Aboriginal com Condition of exploration title/authority prohib Title has not been extinguished, unless the p Activities must comply with CEA Location Recannot occur on land declared an Aboriginal	munities or areas its exploration on orior consent of the estrictions, Impac	s subject to land rights claims. any land or waters on which Native ne Minister has been obtained. t Thresholds and Criteria. Activities
Do the operations comply with standards, plans, policies? Criteria Potential impacts	Yes Cultural Impacts: Impacts on Aboriginal com Condition of exploration title/authority prohib Title has not been extinguished, unless the pactivities must comply with CEA Location Recannot occur on land declared an Aboriginal Any impacts are short term and temporary.	munities or areas its exploration on orior consent of the estrictions, Impac Place and activit	s subject to land rights claims. any land or waters on which Native ne Minister has been obtained. t Thresholds and Criteria. Activities ties must not harm Aboriginal Objects
Do the operations comply with standards, plans, policies? Criteria	Yes Cultural Impacts: Impacts on Aboriginal com Condition of exploration title/authority prohib Title has not been extinguished, unless the pactivities must comply with CEA Location Recannot occur on land declared an Aboriginal Any impacts are short term and temporary. Condition of exploration title/authority prohib	munities or areas its exploration on orior consent of the estrictions, Impac Place and activit its exploration on	s subject to land rights claims. any land or waters on which Native ne Minister has been obtained. It Thresholds and Criteria. Activities lies must not harm Aboriginal Objects any land or waters on which Native
Do the operations comply with standards, plans, policies? Criteria Potential impacts	Yes Cultural Impacts: Impacts on Aboriginal com Condition of exploration title/authority prohib Title has not been extinguished, unless the p Activities must comply with CEA Location Recannot occur on land declared an Aboriginal Any impacts are short term and temporary. Condition of exploration title/authority prohib Title has not been extinguished, unless the p	munities or areas its exploration on orior consent of the estrictions, Impac Place and activit its exploration on orior consent of the	any land or waters on which Native le Minister has been obtained. It Thresholds and Criteria. Activities lies must not harm Aboriginal Objects any land or waters on which Native le Minister has been obtained.
Do the operations comply with standards, plans, policies? Criteria Potential impacts	Yes Cultural Impacts: Impacts on Aboriginal com Condition of exploration title/authority prohib Title has not been extinguished, unless the p Activities must comply with CEA Location Re cannot occur on land declared an Aboriginal Any impacts are short term and temporary. Condition of exploration title/authority prohib Title has not been extinguished, unless the p Activities must comply with CEA Location Re	munities or areas its exploration on orior consent of the estrictions, Impac Place and activit its exploration on orior consent of the estrictions, Impac	any land or waters on which Native le Minister has been obtained. It Thresholds and Criteria. Activities lies must not harm Aboriginal Objects any land or waters on which Native le Minister has been obtained. It Thresholds and Criteria. Activities
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Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration	Yes Cultural Impacts: Impacts on Aboriginal com Condition of exploration title/authority prohib Title has not been extinguished, unless the p Activities must comply with CEA Location Re cannot occur on land declared an Aboriginal Any impacts are short term and temporary. Condition of exploration title/authority prohib Title has not been extinguished, unless the p Activities must comply with CEA Location Re	munities or areas its exploration on orior consent of the estrictions, Impac Place and activit its exploration on orior consent of the estrictions, Impac	any land or waters on which Native le Minister has been obtained. It Thresholds and Criteria. Activities lies must not harm Aboriginal Objects any land or waters on which Native le Minister has been obtained. It Thresholds and Criteria. Activities
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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	Yes Cultural Impacts: Impacts on Aboriginal com Condition of exploration title/authority prohib Title has not been extinguished, unless the p Activities must comply with CEA Location Re cannot occur on land declared an Aboriginal Any impacts are short term and temporary. Condition of exploration title/authority prohib Title has not been extinguished, unless the p Activities must comply with CEA Location Re cannot occur on land declared an Aboriginal Short term	munities or areas its exploration on prior consent of th estrictions, Impac Place and activit its exploration on prior consent of th estrictions, Impac Place and activit Are further studies required on	any land or waters on which Native me Minister has been obtained. It Thresholds and Criteria. Activities must not harm Aboriginal Objects any land or waters on which Native me Minister has been obtained. It Thresholds and Criteria. Activities it is must not harm Aboriginal Objects must not harm Aboriginal Objects.
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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?	Yes Cultural Impacts: Impacts on Aboriginal com Condition of exploration title/authority prohib Title has not been extinguished, unless the p Activities must comply with CEA Location Re cannot occur on land declared an Aboriginal Any impacts are short term and temporary. Condition of exploration title/authority prohib Title has not been extinguished, unless the p Activities must comply with CEA Location Re cannot occur on land declared an Aboriginal Short term High High Resilience Yes Fully Yes	munities or areas its exploration on prior consent of the estrictions, Impace Place and activit its exploration on prior consent of the estrictions, Impace Place and activit Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	any land or waters on which Native the Minister has been obtained. It Thresholds and Criteria. Activities ites must not harm Aboriginal Objects any land or waters on which Native the Minister has been obtained. It Thresholds and Criteria. Activities ites must not harm Aboriginal Objects. No Uncertain Low or ranking
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?	Cultural Impacts: Impacts on Aboriginal com Condition of exploration title/authority prohib Title has not been extinguished, unless the p Activities must comply with CEA Location Re cannot occur on land declared an Aboriginal Any impacts are short term and temporary. Condition of exploration title/authority prohib Title has not been extinguished, unless the p Activities must comply with CEA Location Re cannot occur on land declared an Aboriginal Short term High High Resilience Yes Fully Yes Cultural Impacts: Impacts on areas or items	munities or areas its exploration on prior consent of the estrictions, Impace Place and activit its exploration on prior consent of the estrictions, Impace Place and activit Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification fo	any land or waters on which Native the Minister has been obtained. It Thresholds and Criteria. Activities ites must not harm Aboriginal Objects any land or waters on which Native the Minister has been obtained. It Thresholds and Criteria. Activities ites must not harm Aboriginal Objects. No Uncertain Low or ranking
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	Yes Cultural Impacts: Impacts on Aboriginal com Condition of exploration title/authority prohib Title has not been extinguished, unless the p Activities must comply with CEA Location Re cannot occur on land declared an Aboriginal Any impacts are short term and temporary. Condition of exploration title/authority prohib Title has not been extinguished, unless the p Activities must comply with CEA Location Re cannot occur on land declared an Aboriginal Short term High High Resilience Yes Fully Yes	munities or areas its exploration on prior consent of the estrictions, Impace Place and activit its exploration on prior consent of the estrictions, Impace Place and activit Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification fo	any land or waters on which Native the Minister has been obtained. It Thresholds and Criteria. Activities ites must not harm Aboriginal Objects any land or waters on which Native the Minister has been obtained. It Thresholds and Criteria. Activities ites must not harm Aboriginal Objects. No Uncertain Low or ranking

Proposed management controls	Activities must comply with CEA Location Remust comply with (Exploration Code of Practicommitment in the application (APO). Relevential impacts on all aspects of the envirous (Aboriginal and Non-Indigenous heritage). A be demarcated and avoided. All disturbed conditions (Exploration Code of Practice: Repracticable after completion of activity (included).	tice: Environmen vant requirements onment (including boriginal or Euro ed areas to be rel chabilitation). Rel	tal Management) as per the sof this Code include minimising water, land, air), culture and heritage pean heritage objects/items/areas to nabilitated in accordance with title nabilitation to occur as soon as
Duration	N/A	<u>-</u>	.,
Application ranking			
What is the confidence in	High	Are further	No
predicting impacts?		studies required on impacts or mitigation?	
How resilient is the environment to cope with impacts?	N/A	What is the level of public concern?	Uncertain
Can the impacts be reversed?	N/A	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Land Use Impacts: Any major changes in lar uses.	,	
Potential impacts	Limited potential for any major changes in la exploration. Negligible impacts and limite exploration activities, temporarily removed fr temporary impacts on productive rural indus remove potential timber resources.	ed to immediate vorom existing land tries, including ac	vicinity of site. Areas used for use/s but no long term impacts (e.g. griculture). Vegetation removal may
Proposed management controls	(Exploration Code of Practice: Rehabilitation	ds and Criteria. al Management) a to be rehabilitated n). Rehabilitation	Activities must comply with as per the commitment in the d in accordance with title conditions
Duration	Short term		
Application ranking			
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?	High Resilience	What is the level of public concern?	Uncertain
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	No	Justification f	or ranking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Transportation Impacts: Substantial impacts pedestrian) which alter present patterns of c	irculation or move	ement.
Potential impacts	Short term additional traffic during exploration		
Proposed management controls	,		ily during set-up/construction stage. lent and any compensation.
Duration	Short term		
Application ranking 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?	High Resilience	What is the level of public concern?	Uncertain

Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification f	or ranking
	Yes	Justilication	or ranking
Do the operations comply with standards, plans, policies?			
Criteria	Transportation Impacts: Impacts associated	with direct or ind	irect additional traffic.
Potential impacts	Short term additional traffic during exploratio	n activity primar	ily during set-un/construction stage
Proposed management controls	Short term additional traffic during exploration		
Proposed management controls			ent and any compensation.
Duration	Short term		
Application ranking			
What is the confidence in	High	Are further	No
predicting impacts?	1	studies	
producting impacts:		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	High Resilience	What is the	Uncertain
cope with impacts?	riigii Nesillerice	level of	Officertain
cope with impacts?			
		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Consistency with applicable local strategic plans.	lanning statemer	its, regional strategic plans or district
Potential impacts	Temporary and short term impact on the land	d	
			ant under the EDSA Act and
Proposed management controls	Exploration comprises development that doe		
	associated local, regional and district plans.		
	local strategic planning statements, regional		
	impacts likely and limited to immediate site of		Impacts are compensable under
	relevant legislation, including Mining Act 199		
	landholder agreement and any compensation		ed areas to be rehabilitated in
	accordance with title conditions (Exploration		
	occur as soon as practicable after completion	n of activity (inclu	iding sealing of any boreholes).
Duration	Short term - until land is rehabilitated.		
Application ranking			
What is the confidence in	High	Are further	No
predicting impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	High Resilience	100 41 41	
cope with impacts?		What is the	Uncertain
			Uncertain
cope min impuese.		level of	Uncertain
оорорисс.		level of public	Uncertain
	Uncertain	level of public concern?	
Can the impacts be reversed?	Uncertain	level of public concern?	Low
	Uncertain	level of public concern? Ranking of potential	
Can the impacts be reversed?		level of public concern? Ranking of potential significance	Low
Can the impacts be reversed? Can the impacts be mitigated?	Fully	level of public concern? Ranking of potential	Low
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with		level of public concern? Ranking of potential significance	Low
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	Fully Yes	level of public concern? Ranking of potential significance Justification for	Low or ranking
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	Fully Yes Matters of National Environmental Significan	level of public concern? Ranking of potential significance Justification force: Impacts on Management of the public signification of the public signification of the public signification of the public significance of the public signific	Low or ranking MNES under the Commonwealth
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	Fully Yes Matters of National Environmental Significan Environmental Protection and Biodiversity Commental Protection and Biodiversity Commental Protection and Biodiversity Commental Protection and Biodiversity Comment	level of public concern? Ranking of potential significance Justification for the ce: Impacts on Nonservation Act	Low or ranking INES under the Commonwealth 1999:
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	Fully Yes Matters of National Environmental Significan Environmental Protection and Biodiversity Control N/A as activities must comply with CEA Local	level of public concern? Ranking of potential significance Justification for the ce: Impacts on Nonservation Act	Low or ranking INES under the Commonwealth 1999:
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts	Fully Yes Matters of National Environmental Significan Environmental Protection and Biodiversity Control N/A as activities must comply with CEA Local Cannot impact on MNES.	level of public concern? Ranking of potential significance Justification for the ce: Impacts on Nonservation Act	Low or ranking INES under the Commonwealth 1999:
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls	Fully Yes Matters of National Environmental Significan Environmental Protection and Biodiversity Control (N/A) as activities must comply with CEA Local Cannot impact on MNES. N/A	level of public concern? Ranking of potential significance Justification for the ce: Impacts on Nonservation Act	Low or ranking INES under the Commonwealth 1999:
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	Fully Yes Matters of National Environmental Significan Environmental Protection and Biodiversity Control N/A as activities must comply with CEA Local Cannot impact on MNES.	level of public concern? Ranking of potential significance Justification for the ce: Impacts on Nonservation Act	Low or ranking INES under the Commonwealth 1999:
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	Fully Yes Matters of National Environmental Significan Environmental Protection and Biodiversity Control (Control (Cont	level of public concern? Ranking of potential significance Justification for the concerning of potential significance and significance for the concerning of the concerning	Low Or ranking MNES under the Commonwealth 1999: , Impact Thresholds and Criteria.
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	Fully Yes Matters of National Environmental Significan Environmental Protection and Biodiversity Control (N/A) as activities must comply with CEA Local Cannot impact on MNES. N/A	level of public concern? Ranking of potential significance Justification for the cee: Impacts on Nonservation Act attention Restrictions Are further	Low or ranking INES under the Commonwealth 1999:
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	Fully Yes Matters of National Environmental Significan Environmental Protection and Biodiversity Control (Control (Cont	level of public concern? Ranking of potential significance Justification for the cee: Impacts on Monservation Act are ation Restrictions Are further studies	Low Or ranking MNES under the Commonwealth 1999: , Impact Thresholds and Criteria.
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	Fully Yes Matters of National Environmental Significan Environmental Protection and Biodiversity Control (Control (Cont	level of public concern? Ranking of potential significance Justification for the potential significance on the potential significance. Are further studies required on	Low Or ranking MNES under the Commonwealth 1999: , Impact Thresholds and Criteria.
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Can the impacts be mitigated?	N/A	Justification for	or ranking
Do the operations comply with standards, plans, policies?	N/A		
Criteria	Cumulative Impacts: Cumulative environmental effects with other existing or likely future activities.		
Potential impacts	Only short term and temporary impacts. No significant additional impacts on the environment from past, current and relevant future projects.		
Proposed management controls	Short term impacts predominantly limited to immediate site. Subject to landholder agreement and any compensation. Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include minimising all impacts on the environment. All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity (including sealing of any boreholes).		
Duration	Short term		
Application ranking			
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?	High Resilience	What is the level of public concern?	Uncertain
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification for ranking	
Do the operations comply with standards, plans, policies?	Yes		

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