

Thursday 23 May 2024

Assessable Prospecting Operation Application Decision Briefing and Review of Environmental Factors document Castaway PASS AC drilling | APO0001735

Decision Maker	Monique Meyer
Prepared by	Syed Hashmi
Title	AL 24 (1992)
Authorised Representative	
Project name	Castaway PASS AC drilling
Activity type	Complying Exploration Activity

Issue

has sought an activity approval in respect of Castaway PASS AC drilling, within AL 24 (1992), at Euston (Castaway).

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 AL24 (granted 08/12/2017 & expires 01/12/2028) to undertake assessable prospecting operations. The current security deposit held for AL24 is \$10,000.

This application forms part of the Euston (Castaway) Project comprises of a total of 2 reverse circulation air core (RCAC) holes with an average depth of 80m (maximum 100m).

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.

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 Castaway PASS AC drilling 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 Castaway PASS AC drilling 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 Castaway PASS AC drilling (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 Castaway PASS AC drilling 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, Syed Hashmi, 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 Castaway PASS AC drilling 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 required on impacts or mitigation?	No	
How resilient is the environment to cope with impacts?	N/A	What is the level of public concern?		
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	Air Impacts: Greenhouse or ozone impacts.			
Potential impacts	Emissions from combustion of fuel associate construction, operations and rehabilitation. Fugitive emissions of gases or vapour from 6	Fugitive meth	ane emissions from intercepted seams.	
Proposed management controls	Fugitive emissions of gases or vapour from drilling operations and the operation of flares. Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Petroleum exploration activities cannot be a CEA. CO2 emissions from activities are extremely limited ar inconsequential in context of global emissions and impact. Restrictions on use of ozone depleting substances in NSW also limits ozone depletion. All disturbed areas to be rehabilitation 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	Medium term atmospheric residence.			
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?		
Can the impacts be reversed?	Yes	Ranking of potential	Low	
Can the impacts be mitigated?	Partly	significance Justification f	or ranking	
Do the operations comply with standards, plans, policies?	Yes	Justinication	or ranking	
Criteria	Air Impacts: Additional impacts on areas with	n degraded air qu	uality.	
Potential impacts		emissions from v	vehicles and machinery. Dust	
Proposed management controls	generation from operating machinery, vehicles travelling over tracks, etc. 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. 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 immedia vicinity of drilling due to controls set out in 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 required on impacts or mitigation?	No	
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?		
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	

Can the impacts be mitigated? Do the operations comply with	Partly Yes	Justification f	or ranking	
standards, plans, policies?	. 55			
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) in surface water or aquifers.			
Proposed management controls	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria.			
	licensed source or farm dams (with consent and decommissioned in accordance with aut Codes of Practice to protect groundwater/aq	ents of this Code impacts on wate (including any a for access track of owner). Ehority/title condit	e include: a. Activities must implement er quality or quantity. b. Activities dverse impacts on surface water watering must be obtained from Boreholes to be constructed, operated	
Duration	Short term			
Application ranking What is the confidence in	Lligh	Are further	No	
predicting impacts?	High	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?		
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) Pr		
Potential impacts			Motor used for exploration	
Toterital impacts	Negligible and only localised impacts from storage of water. Water used for exploration temporarily not available for ecological, stock, domestic or irrigation purposes. Generally minimal redirection of flow and changes to flow rates and volumes of a waterbody. Surface runoff can be sediment laden. Generally minimal surface water use (must be licensed or use farm dams through landholder agreements). No use of groundwater but potential loss through			
Proposed management controls	produced water in drilling / deep excavation operations. Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with the 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. Activities must not cause adverse impacts to livestock (including any adverse impacts on surface water supplies used by livestock). 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). Any impacts subject to compensation and landholder access arrangements (e.g. any impacts on land use from storage or water).			
Duration	Short term			
Application ranking What is the confidence in	High	Are further	No	
predicting impacts?	ŭ	studies required on impacts or mitigation?		
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?		
Can the impacts be reversed?	Yes	Ranking of potential	Low	
·		significance		
Can the impacts be mitigated? Do the operations comply with	Fully	•	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. Groundwater depression 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. 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,			
	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			
Duration	mixed with drilling fluids that can be temporal			
Duration Application ranking	Short term			
What is the confidence in	High	Are further	No	
predicting impacts?	ŭ	studies		
		required on		
		impacts or		
How resilient is the environment to	High Resilience	mitigation? What is the		
cope with impacts?	High Resilience	level of		
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 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 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.			
	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. Activities must minimise cross connection of aquifers or groundwater sources. c. Activities must minimise any depressurisation of aquifers or groundwater sources. d. Coal and petroleum title holders must prepare and implement and Groundwater Monitoring & Modelling Plan in consultation with NSW Office of Water. Boreholes to be constructed, operated and decommissioned in accordance with authority/title conditions, Departmental Guidelines and Codes of Practice to protect			
Proposed management controls	Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relevented implement all measures to prevent caub. Activities must minimise cross connection minimise any depressurisation of aquifers or holders must prepare and implement and Grewith NSW Office of Water. Boreholes to accordance with authority/title conditions, Design and Practice of Water.	estrictions, Impactice: Environment ant requirements sing any adverse of aquifers or grupoundwater so oundwater Monit be constructed, of	tal Management) as per the sof this Code include: a. Activities impacts on water quality or quantity. Soundwater sources. c. Activities must burces. d. Coal and petroleum title soring & Modelling Plan in consultation operated and decommissioned in	
Proposed management controls Duration	Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relevents implement all measures to prevent caub. Activities must minimise cross connection minimise any depressurisation of aquifers or holders must prepare and implement and Grewith NSW Office of Water.	estrictions, Impactice: Environment ant requirements sing any adverse of aquifers or grupoundwater so oundwater Monit be constructed, of	tal Management) as per the softhis Code include: a. Activities impacts on water quality or quantity. Soundwater sources. c. Activities must burces. d. Coal and petroleum title coring & Modelling Plan in consultation operated and decommissioned in	
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Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	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 cause b. Activities must minimise cross connection minimise any depressurisation of aquifers or holders must prepare and implement and Grewith NSW Office of Water. Boreholes to accordance with authority/title conditions, Degroundwater/aquifers. Short term High High Resilience	estrictions, Impactice: Environment requirements sing any adverse of aquifers or groundwater Monit be constructed, of epartmental Guide Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	tal Management) as per the s of this Code include: a. Activities impacts on water quality or quantity. Dundwater sources. c. Activities must curces. d. Coal and petroleum title foring & Modelling Plan in consultation operated and decommissioned in elines and Codes of Practice to protect. No Low	
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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?	Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relevented implement all measures to prevent cause b. Activities must minimise cross connection minimise any depressurisation of aquifers or holders must prepare and implement and Great with NSW Office of Water. Boreholes to accordance with authority/title conditions, Degroundwater/aquifers. Short term High High Resilience Yes Fully Yes	estrictions, Impactice: Environment requirements sing any adverse of aquifers or groundwater Monit be constructed, of epartmental Guide Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	tal Management) as per the s of this Code include: a. Activities impacts on water quality or quantity. Dundwater sources. c. Activities must come and code in the coring & Modelling Plan in consultation operated and decommissioned in elines and Codes of Practice to protect. No Low or ranking	
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	Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relevented implement all measures to prevent cause b. Activities must minimise cross connection minimise any depressurisation of aquifers or holders must prepare and implement and Great with NSW Office of Water. Boreholes to accordance with authority/title conditions, Degroundwater/aquifers. Short term High High Resilience Yes Fully Yes Water Impacts: Impacts from changes to floor	estrictions, Impactice: Environment requirements sing any adverse of aquifers or groundwater Monit be constructed, of epartmental Guide Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for tidal regions and required on potential significance.	tal Management) as per the s of this Code include: a. Activities impacts on water quality or quantity. Dundwater sources. c. Activities must urces. d. Coal and petroleum title foring & Modelling Plan in consultation operated and decommissioned in elines and Codes of Practice to protect. No Low Description:	
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?	Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relevented implement all measures to prevent cause b. Activities must minimise cross connection minimise any depressurisation of aquifers or holders must prepare and implement and Great with NSW Office of Water. Boreholes to accordance with authority/title conditions, Degroundwater/aquifers. Short term High High Resilience Yes Fully Yes	estrictions, Impactice: Environment requirements sing any adverse of aquifers or groundwater Monit be constructed, of epartmental Guide Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for tidal regions and required on potential significance.	tal Management) as per the s of this Code include: a. Activities impacts on water quality or quantity. Dundwater sources. c. Activities must urces. d. Coal and petroleum title foring & Modelling Plan in consultation operated and decommissioned in elines and Codes of Practice to protect. No 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). Short term		
Application ranking			I.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?	
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 changes in sur	 face or groundw:	ater quality and quantity
Potential impacts	Water impacts. Impacts from changes in sur		
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 must implement all measures to prevent causing any adverse impacts on water quality or quantity. b. Activities must minimise cross connection of aquifers or groundwater sources. c. Activities must minimise any depressurisation of aquifers or groundwater sources. d. Coal and petroleum title holders must prepare and implement and Groundwater Monitoring & Modelling Plan in consultation		
	with NSW Office of Water. e. All sedime Book to minimise off-site impacts.	THE GITTE OF COLOTIF CO.	ontrols to be in accordance with Blue
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	High Resilience	What is the	
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? Criteria	Yes Soil & Stability Impacts: Degradation of soil acidification)	quality (including	contamination, salinisation or
Potential impacts	acidification).	disturbed areas	/ areas where vegetation has been
. otonuai impaoto	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	Lliab	A was from the corr	No.	
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?		
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	Yes	Justification f	or ranking	
Criteria	Soil & Stability Impacts: Impacts on land with	h high agricultura	l capability.	
Potential impacts 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. 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 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 practicabl boreholes).	e alter completio	in or activity (including sealing or any	
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?		
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: Loss of soil from wir	l nd or water erosio	on.	
Potential impacts	Increased risk of erosion where vegetation h	as been remove	d. Potential erosion of disturbed	
	areas.			

Proposed management controls Duration	from roads/access tracks) to be managed in	ice: Environment ant requirements b. Prevent cauc. All sediment a accordance with All disturbed arectice: Rehabilitat	tal Management) as per the s of this Code include: a. Minimising using any land degradation or and erosion controls (including drainage a Blue Book. d. Existing access tracks as to be rehabilitated in accordance tion). Rehabilitation to occur as soon as
Application ranking			Τ
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?	
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	egrity 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 lisation 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. Impact generally limited due to low traffic numbers and short term nature of exploration.		
Duration	Short term	TIDOIS AND SHOTE	term nature or exploration.
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?	
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: Increased land insta	l hility with high ri	sks from land slides or subsidence
Potential impacts	Soil & Stability Impacts: Increased land instability with high risks from land slides or subsidence. 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.		
Proposed management controls	activity, extraction of groundwater, etc. 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 (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	Onort 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?	
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	Noise & Vibration Impacts: Results in increas	l sed noise or vibra	ation.
Potential impacts	Noise from vehicles, plant and machinery re-		
•	receivers, such as residences, educational e animal boarding/training establishments, inte	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 of bration sensitive sites. Vibroseis
Proposed management controls	Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relev Implementing all practicable measures to en receivers. b. Notifying potentially affected is 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 ser heritage significance or any cliff line greater vicinity of exploration activity.	tice: Environment ant requirements sure noise levels and holders at lease Guidelines and similar thresholds or cliff line greate nsitive receivers,	tal Management) as per the s of this Code include: a. a meet acceptable criteria for sensitive set 24hrs prior to detonating explosives. d/or EPL and/or landholder //s (peak particle velocity) at any is limited to 3 mm/s for any item of r than 4m in height. f. Vibrating item/place of Aboriginal / European
Duration	Short term		
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?	
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		
standards, plans, policies?			
Criteria	Noise & Vibration Impacts: Affects sensitive	receptors.	
Potential impacts	Noise & Vibration Impacts: Affects sensitive Noise from vehicles, plant and machinery rereceivers, such as residences, educational eanimal boarding/training establishments, intercan have localised vibration impacts. Drawe vibration and overpressure impacts who machinery has vibration impacts which may	sults in unaccept 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	Noise from vehicles, plant and machinery rereceivers, such as residences, educational eanimal boarding/training establishments, interest can have localised vibration impacts. Drawe vibration and overpressure impacts who machinery has vibration impacts which may activities must comply with CEA Location Remust comply with (Exploration Code of Practice commitment in the application (APO). Releved Implementing all practicable measures to en receivers. b. Notifying potentially affected in a Compliance with Interim Construction Noise agreements. d. Ground vibration threshold residence/sensitive receiver. e. Ground vibration distribution of sensitive receiver.	sults in unaccept establishments, mensive livestock a illing unlikely to cich may impact vimpact vibration estrictions, Impactice: Environments are requirements sure noise levels andholders at lease Guidelines and limited to 5 mm ration thresholds or cliff line greatensitive receivers,	nedical facilities, places of worship, agriculture, etc. Percussion drilling cause vibration impacts. Shots vibration sensitive sites. Vibroseis sensitive sites. It Thresholds and Criteria. Activities at Management) as per the soft this Code include: a. It meet acceptable criteria for sensitive ast 24hrs prior to detonating explosives. It of particle velocity) at any soft ilmited to 3 mm/s for any item of than 4m in height. f. Vibrating item/place of Aboriginal / European
Potential impacts	Noise from vehicles, plant and machinery rereceivers, such as residences, educational eanimal boarding/training establishments, interest can have localised vibration impacts. Drawe vibration and overpressure impacts where machinery has vibration impacts which may activities must comply with CEA Location Remust comply with (Exploration Code of Practice commitment in the application (APO). Releved Implementing all practicable measures to entereceivers. b. Notifying potentially affected by a C. Compliance with Interim Construction Noise agreements. d. Ground vibration threshold residence/sensitive receiver. e. Ground vibration threshold residence/sensitive receiver.	sults in unaccept establishments, mensive livestock a illing unlikely to cich may impact vimpact vibration estrictions, Impactice: Environments are requirements sure noise levels andholders at lease Guidelines and limited to 5 mm ration thresholds or cliff line greatensitive receivers,	nedical facilities, places of worship, agriculture, etc. Percussion drilling cause vibration impacts . Shots vibration sensitive sites. Vibroseis sensitive sites. It Thresholds and Criteria. Activities at Management) as per the softhis Code include: a. and the meet acceptable criteria for sensitive ast 24hrs prior to detonating explosives. and/or EPL and/or landholder //s (peak particle velocity) at any illimited to 3 mm/s for any item of than 4m in height. f. Vibrating item/place of Aboriginal / European

What is the confidence in predicting impacts?	High	Are further studies required on impacts or	No
How resilient is the environment to cope with impacts?	High Resilience	mitigation? What is the level of public concern?	
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	Coastal Location & Processes: Affects coast under projected climate change conditions.	tal 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	ojected climate cl	
Proposed management controls	Activities must comply with CEA Location Remust comply with (Exploration Code of Practicommitment in the application (APO). Relevants 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: Environmen vant requirement ising any adverse ng drainage from ons from activitien sa and impact. one depletion. on Code of Pract	tal Management) as per the s of this Code include: a. Activities e impacts on water quality or quantity. roads/access tracks) to be managed in sea are extremely limited and Restrictions on use of ozone All disturbed areas to be rehabilitated tice: Rehabilitation). Rehabilitation to
Duration	Short term	o. douvity (iiioi	aung seamig er any zerenese).
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?	
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 f	
Criteria	Hazardous substances or chemicals: Impact transport of hazardous substances or chemi	cals.	
Potential impacts	Mobilisation of pollutants (such as hydrocarbons) in air, soils 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.		
Proposed management controls	In addition, the Exploration Code of Practice applies to i. petroleum exploration which ractivities which require produced water to be groundwater mixed with drilling fluids that ca	tice: Environmenty ant requirements ease of chemicals (contamination on inficantly reduce emicals must concts) to be collection produced water: Produced Water equires the manale stored on site (and be temporarily rehabilitated in a	tal Management) as per the s of this Code include: a. Preventing s, fuels, other potential pollutants. b. of 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. Or Management, Storage and Transfer agement of produced water, or ii. excluding the management of incidental contained in drilling sumps or above coordance with title conditions.
D	,		
Duration Application ranking	Short term		

	T			
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		
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	or ranking	
Do the operations comply with	Yes			
standards, plans, policies?				
Criteria	Wastes & Emissions: Impacts to the environ	ment resulting fro	om the generation or disposal of	
	wastes.			
Potential impacts	Mobilisation of pollutants (such as hydrocarb			
	drilling wastes / overflow from drilling sumps		nissions of gases or vapour from drilling	
	operations or the operation of flares. Use	e of pesticides, he	erbicides, fertilisers or other chemicals	
	have the potential to build up residues in the			
Proposed management controls	Activities must comply with CEA Location Re			
	must comply with (Exploration Code of Pract			
	commitment in the application (APO). Relev	ant requirements	of this Code include: a. Preventing	
	contamination of the environment by the rele	ease of chemicals	s, fuels, other potential pollutants. b.	
	Preventing any land degradation or pollution	/contamination o	f land or water. c. Controls on	
	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 All management and storage of produced water must comply with the title conditions. In			
	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 Managemenagement of postportion (excluding the material)	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 tempora	Water Managem nanagement of p (excluding the ma rily 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 (mixed with drilling fluids that can be tempora All disturbed areas to be rehabilitated in according to the control of the contr	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 accepractice: Rehabilitation). Rehabilitation to occ	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 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 according to the control of the contr	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	
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 on Short term	Water Management of posterior paragement of posterior paragement of posterior paragement of the management of the posterior paragement of 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 racticable after completion of activity.	
Application ranking What is the confidence in	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 occ	Water Management of posterior programment of posterior programment of posterior produced in produced with title sour as soon as posterior produced in	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	
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 on Short term	Water Management of p (excluding the matrily contained in ordance with title ccur as soon as p Are further studies	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 racticable after completion of activity.	
Application ranking What is the confidence in	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 on Short term	Water Management of p (excluding the matrily contained in ordance with title cour as soon as p Are further studies required on	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 racticable after completion of activity.	
Application ranking What is the confidence in	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 on Short term	Water Management of p (excluding the matrily contained in ordance with title cour as soon as p Are further studies required on impacts or	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 racticable after completion of activity.	
Application ranking What is the confidence in predicting impacts?	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 ocshort term	Water Management of p (excluding the matrily contained in ordance with title cour as soon as p Are further studies required on impacts or mitigation?	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 racticable after completion of activity.	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	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 on Short term	Water Management of p (excluding the matrily contained in ordance with title cour as soon as p Are further studies required on impacts or mitigation? What is 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 racticable after completion of activity.	
Application ranking What is the confidence in predicting impacts?	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 ocshort term	Water Management of p (excluding the matrily contained in ordance with title cour as soon as p Are further studies required on impacts or mitigation? What is the level of	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 racticable after completion of activity.	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	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 ocshort term	Water Management of p (excluding the matrily contained in ordance with title cour as soon as p Are further studies required on impacts or mitigation? What is the level of public	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 racticable after completion of activity.	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	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 ocshort term High High Resilience	Water Management of p (excluding the matrily contained in ordance with title cour as soon as p Are further studies required on impacts or mitigation? What is the level of public concern?	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 racticable after completion of activity.	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	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 ocshort term	Water Management of p (excluding the matrily contained in ordance with title cour as soon as p Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of	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 racticable after completion of activity.	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	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 ocshort term High High Resilience	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	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 racticable after completion of activity.	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	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 ocshort term High High Resilience	Water Management of p (excluding the matrily contained in ordance with title cour as soon as p Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of	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 racticable after completion of activity.	
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?	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 ocshort term High High Resilience	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	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 racticable after completion of activity. No Low	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	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 on Short term High High Resilience	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	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 racticable after completion of activity. No Low	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated?	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 on Short term High High Resilience	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	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 racticable after completion of activity. No Low	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	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 ocshort term High High Resilience Yes Fully Yes Wastes & Emissions: Impacts on drinking wasters.	Water Management of p (excluding the matrily contained in ordance with title cour as soon as p Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification f	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 racticable after completion of activity. No 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	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 ocshort term High High Resilience Yes Fully Yes Wastes & Emissions: Impacts on drinking wariparian zones or flood prone areas.	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 concert of the c	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 racticable after completion of activity. No Low or ranking wetlands, natural water bodies,	
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?	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 ocshort term High High Resilience Yes Fully Yes Wastes & Emissions: Impacts on drinking wariparian zones or flood prone areas. Negligible and only localised changes to dra	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 concert of the c	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 racticable after completion of activity. No Low or ranking wetlands, natural water bodies, ing regime. Water used 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	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 ocshort 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	Water Management of p (excluding the material produce with title cour 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?	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 racticable after completion of activity. No Low or ranking wetlands, natural water bodies, ing regime. Water used for mestic or irrigation purposes.	
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 (mixed with drilling fluids that can be tempora All disturbed areas to be rehabilitated in accepractice: Rehabilitation). Rehabilitation to ocshort term High High Resilience Yes Fully Yes Wastes & Emissions: Impacts on drinking wariparian zones or flood prone areas. Negligible and only localised changes to dra	Water Management of p (excluding the material produce with title cour 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?	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 racticable after completion of activity. No Low or ranking wetlands, natural water bodies, ing regime. Water used for mestic or irrigation purposes.	
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 (mixed with drilling fluids that can be tempora All disturbed areas to be rehabilitated in accepractice: Rehabilitation). Rehabilitation to ocshort 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	Water Management of p (excluding the material produce with title cour 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 potential significance with title public concern?	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 racticable after completion of activity. No Low or ranking wetlands, natural water bodies, ing regime. Water used for mestic or irrigation purposes. etation has been removed.	
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 (mixed with drilling fluids that can be tempora All disturbed areas to be rehabilitated in accepractice: Rehabilitation). Rehabilitation to ocsor 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	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 in the public concern? Ranking of potential significance concern in the public concern in	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 racticable after completion of activity. No Low or ranking wetlands, natural water bodies, ing regime. Water used for mestic or irrigation purposes. etation has been removed.	
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 m 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 on 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 agreements).	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 of potential significance concern or the public concern or the pu	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 racticable after completion of activity. No Low or ranking wetlands, natural water bodies, ing regime. Water used for mestic or irrigation purposes. etation has been removed. e of farm dams through landholder rough produced water in drilling / deep	
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 (mixed with drilling fluids that can be tempora All disturbed areas to be rehabilitated in accepractice: Rehabilitation). Rehabilitation to ocshort term High High Resilience Yes Fully Yes Wastes & Emissions: Impacts on drinking wariparian zones or flood prone areas. Negligible and only localised changes to dra exploration 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 contained or use the potential loss the potential loss the secontamination.	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 racticable after completion of activity. No Low or ranking wetlands, natural water bodies, ing 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 (mixed with drilling fluids that can be tempora All disturbed areas to be rehabilitated in accepractice: Rehabilitation). Rehabilitation to ocshort term High High Resilience Yes Fully Yes Wastes & Emissions: Impacts on drinking wariparian zones or flood prone areas. Negligible and only localised changes to dra exploration 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, cros groundwater systems in drilling operations.	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 contained or use the potential loss the potential loss the potential loss the secontamination. Groundwater dep	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 racticable after completion of activity. No Low or ranking wetlands, natural water bodies, ing regime. Water used for mestic or irrigation purposes. Patation has been removed. The offer mestic or irrigation purposes are of farm dams through landholder rough produced water in drilling / deep and/or depressurisation of ressurisation 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 (mixed with drilling fluids that can be tempora All disturbed areas to be rehabilitated in accepractice: Rehabilitation). Rehabilitation to ocshort term High High Resilience Yes Fully Yes Wastes & Emissions: Impacts on drinking wariparian zones or flood prone areas. Negligible and only localised changes to dra exploration 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, cros groundwater systems in drilling operations. Mobilisation of pollutants (such as hydrocarb	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 f ater catchments, inage flows/flood ogical, stock, do are as where vege to potential loss the potential loss the significance of concompons) in surface where vegeons) in surface were seen as the potential loss the significant of	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 racticable after completion of activity. No Low or ranking wetlands, natural water bodies, ing 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 ressurisation effects on surface water. water or aquifers. Ford across	
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 (mixed with drilling fluids that can be tempora All disturbed areas to be rehabilitated in accepractice: Rehabilitation). Rehabilitation to ocshort term High High Resilience Yes Fully Yes Wastes & Emissions: Impacts on drinking wariparian zones or flood prone areas. Negligible and only localised changes to dra exploration 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, cros groundwater systems in drilling operations.	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 f ater catchments, inage flows/flood ogical, stock, do are as where vege to potential loss the potential loss the significance of concompons) in surface where vegeons) in surface were seen as the potential loss the significant of	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 racticable after completion of activity. No Low or ranking wetlands, natural water bodies, ing regime. Water used for mestic or irrigation purposes. Patation has been removed. The offer mestic or irrigation purposes are of farm dams through landholder rough produced water in drilling / deep and/or depressurisation of ressurisation effects on surface water.	

Proposed management controls Duration Application ranking	the title conditions. In addition, the Explorati Storage and Transfer applies to i. petroleu produced water, or ii. activities which requi management of incidental groundwater mixe	tice: Environment vant requirement ising any adverse ing drainage from ment and storage ion Code of Pract im exploration where ire produced wath ad with drilling flu all disturbed area.	tal Management) as per the s of this Code include: a. Activities e impacts on water quality or quantity. roads/access tracks) to be managed in e of produced water must comply with tice: Produced Water Management, hich requires the management of er to be stored on site (excluding the ids that can be temporarily contained in s to be rehabilitated in accordance with
What is the confidence in	I II ada	A u.a. formation u	l Nia
predicting impacts?	High	Are further studies required on impacts or mitigation?	No
How resilient is the environment to	High Resilience	What is the	
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	Yes		
standards, plans, policies?	Mastas & Emissions, Imposts on groundwat	or rockerse erec	or areas with high water table
Potential impacts	Wastes & Emissions: Impacts on groundwat Minimal impact on recharge and salinity.		ndwater but potential loss through
Proposed management controls	produced water in drilling / deep excavation operations. Interception, cross contamination and 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. Vegetatic 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. 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. 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 holes to be cased where aquifers intercepted (minimal impact on recharge and salinity).		
Duration	Short term		
Application ranking	I I i ada	Ana Santha	l Nie
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	
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of potential	Low
Con the impacts he willingto de	Fully	significance	or ranking
Can the impacts be mitigated? Do the operations comply with	Fully Yes	Justification f	OI TATIKING
standards, plans, policies?			
Criteria	Wastes and Emissions: Impacts on coastline landforms.	es or dunes, alpir	ne areas, karst features or other unique

B	I N. e a	1 16		
Potential impacts		ise, air quality an	Mobilisation of pollutants in soils, d visual impacts. Particulate	
	emissions from plant and machinery; fugitive		ises or vapour from drilling operations len runoff from disturbed areas, that	
	and the operation of flares. Soil erosion could lead to soil or water contamination or l			
	Spread of weeds, pest animals and animal/p	Damage to structures and sensitive		
		coastline / floodways have the potential		
	to exacerbate coastal erosion (rising sea lev			
	change conditions could result in increased			
Proposed management controls	Impact limited to activity site and subject to			
	Activities must comply with CEA Location Re			
	must comply with (Exploration Code of Prac			
			s to be rehabilitated in accordance with	
	title conditions (Exploration Code of Practice			
Dometica	practicable after completion of activity (including sealing of any boreholes). Short term			
Duration Application ranking	Short term			
What is the confidence in	High	Are further	No	
predicting impacts?	riigii	studies	INO	
predicting impacts:		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	High Resilience	What is the		
cope with impacts?		level of		
		public		
		concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
		potential		
0 41 1	E. II.	significance		
Can the impacts be mitigated? Do the operations comply with	Fully Yes	Justification f	ог гапкіпд	
standards, plans, policies?	res			
Criteria	Wastes & Emissions: Impacts on erosion pro	i one areas, areas	with slopes of greater than 18	
	degrees.	J. 1.5 C. 1. 5 C. 5, C. 1. 5 C. 5	mar dispess of grounds and its	
Potential impacts			en runoff from disturbed areas / areas	
			utants (such as hydrocarbons) in soils.	
Proposed management controls	Riverbed / riparian zone disturbance from us Activities must comply with CEA Location Re			
Proposed management controls	permitted on slopes exceeding 18 degrees.		st comply with (Exploration Code of	
	Practice: Environmental Management) as pe			
	requirements of this Code include: a. Minir			
	Prevent causing any land degradation or pol			
	sediment and erosion controls (including dra	inage from roads	s/access tracks) to be managed in	
	accordance with Blue Book (includes contro		tability risks). d. Existing access	
	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 (incli	uding sealing of any boreholes).	
Duration Application ranking	Short term			
What is the confidence in	High	Are further	No	
predicting impacts?	Tilgii	studies	140	
prodotting impacts:		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	High Resilience	What is the		
cope with impacts?		level of		
		public		
		concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
		potential		
	5.0	significance	<u> </u>	
Can the impacts be mitigated?	Fully	Justification f	or ranking	
Do the operations comply with	Yes			
standards, plans, policies? Criteria	Wastes & Emissions: Impacts on subsidence	e or slip areas		
Potential impacts	Soil erosion from disturbed areas / areas wh		as boon romoved may increase risk of	
		iere vedetation na	as been removed may increase risk of	
Potential impacts	slips. Drilling operations unlikely to contr			

Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	Activities must comply with CEA Location Remust comply with (Exploration Code of Practicommitment in the application (APO). Releving the Remaining and surface disturbance pollution/contamination of land or water. From roads/access tracks) to be managed in manage instability risks). d. Existing access disturbed areas to be rehabilitated in accord Rehabilitation). Rehabilitation to occur as so Short term High High Resilience	tice: Environmen vant requirements b. Prevent cau c. All sediment a accordance with s tracks to be use ance with title co	tal Management) as per the softhis Code include: a. Minimising using any land degradation or and erosion controls (including drainage a Blue Book (includes controls to ed/upgraded wherever possible. All nditions (Exploration Code of Practice:	
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?	100			
Criteria Crateria	Wastes & Emissions: Impacts on areas with	acid sulphate, so	odic or highly permeable soils.	
Potential impacts	Vegetation removal unlikely to exacerbate a			
- Otenual impacts	unlikely to exacerbate acid sulfate or sodicity from disturbed areas / areas where vegetation	y issues. Soi	l erosion and sediment laden runoff	
Proposed management controls	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. 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.			
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?		
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?		1		
Criteria	Wastes & Emissions: Impacts on areas with	salinity or potent	tial salinity problems.	
Potential impacts Proposed management controls	drawdown of water table. Spills of saline exacerbate acid sulfate or sodicity issues. disturbed areas / areas where vegetation ha	exacerbate acid sulfate or sodicity issues. Soil erosion and sediment laden runoff from disturbed areas / areas where vegetation has been removed.		
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. Minimisir 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 drain 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. Short term			
Application ranking				

	T		T	
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		
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 ranking			
Do the operations comply with	Yes			
standards, plans, policies?				
Criteria	Wastes & Emissions: Impacts on areas with	degraded or con	taminated land.	
Potential impacts	Activity unlikely to result in any change to ex	isting contamina	ted soils or migration of contaminants.	
	Soil erosion and sediment laden runoff from			
	removed. Mobilisation of pollutants (sucl			
	of drilling wastes / overflow from drilling sum		e of acid sulfate soils. Soil	
	compaction from construction / operations.		moval unlikely to have any impact on	
	contaminated soils.	5	, , , ,	
Proposed management controls	Activities must comply with CEA Location Re	estrictions. Impac	ct Thresholds and Criteria.	
. roposou management controls	must comply with (Exploration Code of Practice)			
	commitment in the application (APO). Relev			
	vegetation clearing and surface disturbance			
			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			
	limited due to short term nature of exploration			
	contamination.	TI. A COUNTY CHINE	ny to exacerbate any existing	
Duration	Short term			
Application ranking	Chort term			
What is the confidence in	High	Are further	No	
	riigii	studies	INO	
predicting impacts?				
		required on		
		impacts or		
	10.15	mitigation?		
How resilient is the environment to	High Resilience	What is the		
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	or ranking	
Do the operations comply with standards, plans, policies?	Yes			
Criteria Criteria	Wastes & Emissions: Impacts on areas with	degraded or con	taminated water (ground or surface).	
Potential impacts	Activities unlikely to have any additional imp			
1 otomiai impaoto	water (ground or surface). Boreholes to be o		0 0	
	be sediment laden from areas where vegeta			
	contamination and/or depressurisation of gro			
	depressurisation effects on surface water.		f pollutants (such as hydrocarbons) in	
			ng wastes / overflow from drilling	
			ig wastes / Overhow Holli dillilling	
	sumps. Excavations excluded from acid	Sullate SUIIS.		

Proposed management controls	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activ 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 quantit b. Activities must minimise cross connection of aquifers or groundwater sources. c. Activities m minimise any depressurisation of aquifers or groundwater sources. d. Coal and petroleum title holders must prepare and implement and Groundwater Monitoring & Modelling Plan in consultati with NSW Office of Water. e. All sediment and erosion controls to be in accordance with Blue Book to minimise off-site impacts. Boreholes to be constructed, operated and decommission in accordance with authority/title conditions, Departmental Guidelines and Codes of Practice to protect groundwater/aquifers. All management and storage of produced water must comply 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 drilling sumps or above ground tanks). All disturbed areas to be rehabilitated in accordance wittle conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity (including sealing of any boreholes). Activities unlikely exacerbate any existing surface or groundwater contamination.				
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?			
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		J		
Criteria	Vegetation: Any clearing or modification of vegetation with the remnant vegetation & habitat for species of				
	remnant vegetation. Areas used for exp fauna habitat. Mobilisation of pollutants potentially impact fauna. Drilling sumps herbicides, fertilisers or other chemicals havincluding in soils and water. Short term sediment laden runoff from disturbed areas,	ence. Impact ctivities can temp loration activities, (such as hydroca can be a hazard re the potential to noise and air quathat could lead to	ts on vegetation species and ecological corarily impact wildlife corridors and access tracks, etc not available for arbons) in soils, air or waters can for fauna. Use of pesticides, build up residues in the environment, ality impacts. Soil erosion and		
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. 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. Access track widths unlikely to pose significant barrier to fauna. 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	Short term				
Application ranking	I limb	A E . 41	I NIa		
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?			
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 lik		
Potential impacts	No impacts. CEA impact thresholds app	ly. An activity ca	nnot be a CEA if it: 1. occurs on land
	declared as areas of outstanding biodiversit threatened species or ecological communite		
Proposed management controls	N/A	s, or their habitat	is.
Ouration	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	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 standards, plans, policies?	N/A		
Criteria	Threatened Flora Species: Any adverse effe	ect on the life cycl	le of any threatened species such that
	a viable local population of the species is lik	ely to be placed a	at risk of extinction.
Potential impacts			nnot be a CEA if it: 1. occurs on land
	declares as areas of outstanding biodiversit any threatened species or ecological comm		
Proposed management controls	N/A	unities, or their ne	abilats.
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	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 standards, plans, policies?	N/A		
Criteria	Areas of outstanding biodiversity value/Critic	ा cal habitat: This iı	ncludes: a. declared areas of
	outstanding biodiversity value under the Bio		ation Act 2016 b. areas declared
Detential increase	critical habitat under the Fisheries Managen Potential impacts limited due to CEA impact		tions. CEAs are not permitted to
Potential impacts	occur on land declared as areas of outstand		
	not permitted to have a significant impact or		
	communities (or their habitats). (Also refer	to flora and faun	a impact tables).
Proposed management controls	N/A		
Duration Application ranking	N/A		
What is the confidence in	N/A	Are further	N/A
predicting impacts?		studies	
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How resilient is the environment to	N/A	mitigation? What is the	
cope with impacts?	THE STATE OF THE S	level of	
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Can the impacts be reversed?	N/A	Ranking of	
		potential	
Can the impacts be mitigated?	N/A	significance Justification f	or ranking
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Do the operations comply with	N/A		

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Can the impacts be reversed? N/A Ranking of potential significance Can the impacts be mitigated? N/A Do the operations comply with standards, plans, policies? Criteria Habitat of protected aquatic species or those with conservation status. Negligible and only localised changes to drainage flows/flooding regime. Water used for exploration not available for ecological purposes. Surface runoff can be sediment laden from the surface of the sediment laden from the sediment laden	How resilient is the environment to	N/A			
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Negligible and only localised changes to drainage flows/flooding regime. Negligible and only localised changes to drainage flows/flooding regime. Water used for exploration not available for ecological purposes. Surface runoff can be sediment laden from the concerns th	cope with impacts?		level of		
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts N/A Habitat of protected aquatic species or those with conservation status. Negligible and only localised changes to drainage flows/flooding regime. Water used for exploration not available for ecological purposes. Surface runoff can be sediment laden from the standard of the sediment laden from the sediment					
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Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts N/A Habitat of protected aquatic species or those with conservation status. Negligible and only localised changes to drainage flows/flooding regime. Water used for exploration not available for ecological purposes. Surface runoff can be sediment laden from the sediment					
Do the operations comply with standards, plans, policies? Criteria Habitat of protected aquatic species or those with conservation status. Potential impacts Negligible and only localised changes to drainage flows/flooding regime. Water used for exploration not available for ecological purposes. Surface runoff can be sediment laden from	Can the impacts be mitigated?	N/A		or ranking	
Standards, plans, policies? Criteria Habitat of protected aquatic species or those with conservation status. Potential impacts Negligible and only localised changes to drainage flows/flooding regime. Water used for exploration not available for ecological purposes. Surface runoff can be sediment laden from the sedi			Judanoution		
Criteria Habitat of protected aquatic species or those with conservation status. Potential impacts Negligible and only localised changes to drainage flows/flooding regime. Water used for exploration not available for ecological purposes. Surface runoff can be sediment laden from the sediment lade					
exploration not available for ecological purposes. Surface runoff can be sediment laden from		Habitat of protected aquatic species or those	e with conservation	on status.	
exploration not available for ecological purposes. Surface runoff can be sediment laden from	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 minimal surface water use (must be					
licensed or use of farm dams through landholder agreements). No use of groundwater but		licensed or use of farm dams through landho	older agreements	s). 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					
from vehicle wash. Inappropriate disposal of drilling wastes / overflow from drilling sumps.		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			

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					
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?			
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	Includes: a. alteration, removal, clearly or	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 o hollow bearing trees c. removal of dead wood and dead trees d. invasion and establishment of exercise species.			
Potential impacts	Vegetation removal can harm threatened species or reduce local abundance of species. Areas 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 disturbed 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 Practice 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?			
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 of conservation significance) or create a bar				

Potential impacts Proposed management controls	Areas used for exploration activities, access Mobilisation of pollutants (such as hydrocarb Drilling sumps can be a hazard for fauna. chemicals have the potential to build up residuals for term noise and air quality impacts. areas, that could lead to soil or water contan animals and animal/plant diseases. Activities must comply with CEA Location Remust comply with (Exploration Code of Pract commitment in the application (APO). Relevextent of vegetation clearing and surface dis impacts to fauna caused by vegetation clear disturbed areas to be rehabilitated in accordance.	ence. Accessossing access trace connective contracks, etc not at tracks, etc not at the environment of least in the environment of least ice: Environment and tracks are tracked ance with title connections.	stracks can act as a barrier to licks may be killed or injured if hit by ridors used for wildlife movement. It wailable for fauna habitat. Or waters can potentially impact fauna. It is, herbicides, fertilisers or other somment, including in soils and water. It is sediment laden runoff from disturbed egradation. Spread of weeds, pest it Thresholds and Criteria. Activities tal Management) as per the sof 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	High	Are further	No	
predicting impacts?	v	studies required on impacts or mitigation?		
How resilient is the environment to	High Resilience	What is the		
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	Yes			
standards, plans, policies?				
Potential impacts	Ecological & Biosecurity Impacts: Any threat ecological community.		, , ,	
Proposed management controls	Vegetation removal can decrease available foraging/ sheltering/ breeding habitat for species and displace species from regular place of residence. Areas used for exploration activities, access tracks, etc not available for flora / fauna habitat. Mobilisation of pollutants (such as hydrocarbons) in soils, air or waters can potentially impact fauna / flora. Drilling sumps can be hazard for fauna. Use of pesticides, herbicides, fertilisers or other chemicals have the potentia to build up residues in the environment, including in soils and water. Soil erosion and sedimen laden runoff from disturbed areas, that could lead to soil or water contamination or land degradatic Exposure of acid sulfate soils. Spread of weeds, pest animals and animal/plant diseases. Fauna crossing access tracks may be killed or injured if hit by vehicles. Surface disturbance may result in removal of/damage to seed stock. Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activiti			
Duration	must comply with (Exploration Code of Pract commitment in the application (APO). Relevextent of vegetation clearing and surface dis impacts to fauna caused by vegetation clear Setbacks from steep slopes/cliffs to limit imp / disruption to fauna are temporary. Vehicle injury/mortality impacts. All disturbed are (Exploration Code of Practice: Rehabilitation completion of activity.	rant requirements turbance to as lo ing, including relo act of shots on c movements are li eas to be rehabilit	s of this Čode include: a. Minimise w as practicable. b. Prevent adverse ocation of resident fauna. c. ave dwelling fauna. Noise impacts mited and unlikely to have significant ated in accordance with title conditions	
Application ranking	Onort tom			
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?		
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?				

Criteria			
	Ecological & Biosecurity Impacts: Creates a	biosecurity risk of	or introduces genetically modified
	organisms into an area. Includes impacts fro	m the introduction	on of: a. mobilisation of pollutants b.
	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 hydrocarb	oons) in soils, air	or waters can potentially impact fauna /
•			emicals have the potential to build up
	residues in the environment, including in soil	ls and water.	Spread of weeds, pest animals and
			removal of/damage to seed stock.
	Weed growth in disturbed areas.	,	3
Proposed management controls	Activities must comply with CEA Location Re	estrictions. Impac	ct Thresholds and Criteria. Activities
.,	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 spre		
	diseases (required to implement "come clear		
	rehabilitated in accordance with title conditio		
	Rehabilitation to occur as soon as practicable		
			cess arrangements which may include
	additional mitigation measures to manage la		cos arrangemento willon may morado
Duration	Short term		
Application ranking	Chort term		
What is the confidence in	High	Are further	No
predicting impacts?	riigii	studies	110
predicting impacts:		required on	
		impacts or	
Have reallient in the annuivement to	High Deciliones	mitigation? What is the	
How resilient is the environment to cope with impacts?	High Resilience	level of	
cope with impacts?			
		public concern?	
Can the impacts he reversed?	Vee		Low
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
Con the immedia he mitigate do	Fully	significance	
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies? Criteria	Foological & Discounity Impacts, Likely to a	 	t bughfire riek
	Ecological & Biosecurity Impacts: Likely to ca		t bushille fisk.
Potential impacts	Plant and machinery comprises a potential ig		
Proposed management controls	Activities must comply with CEA Location Re		
	must comply with (Exploration Code of Pract		
	commitment in the application (APO). Relev		
	risk assessment and implementing suitable of		
	controls on activities during Extreme or Cata		
	Activities must comply with WHS legislative can be used as firebreaks in event of fire.	requirements.	Any existing/proposed access tracks
Duration			
	Short term		
Application ranking	Liberta	A u.a. fr. mtla a u	Nie
What is the confidence in	High	Are further	No
predicting impacts?		studies	
		required on	
		impacts or	
Harrier Ward I d	Lifet Designation	mitigation?	
How resilient is the environment to	High Resilience	What is the	
cope with impacts?		level of	
		public	
0 41 1 10	V	concern?	1
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification f	or ranking
	Yes		
Do the operations comply with	0		invitional increase in the developed for
standards, plans, policies?			significant increase in the demand for
	Community Resources: Any degradation of i	illiastructure or s	ngrimodrit morease in the demand for
standards, plans, policies? Criteria	services and infrastructure resources.		
standards, plans, policies?	services and infrastructure resources. Limited potential for any significant increase	in demand for re	
standards, plans, policies? Criteria Potential impacts	services and infrastructure resources. Limited potential for any significant increase degradation of infrastructure, such as roads	in demand for re and bridges.	sources. Negligible potential for
standards, plans, policies? Criteria	services and infrastructure resources. Limited potential for any significant increase degradation of infrastructure, such as roads Negligible impacts likely. Activities must	in demand for re and bridges. comply with CEA	sources. Negligible potential for A Location Restrictions, Impact
standards, plans, policies? Criteria Potential impacts	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 of	in demand for re and bridges. comply with CEA comply with (Exp	sources. Negligible potential for A Location Restrictions, Impact loration Code of Practice:
standards, plans, policies? Criteria Potential impacts	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 Environmental Management) as per the com	in demand for re and bridges. comply with CEA comply with (Exp mitment in the a	sources. Negligible potential for A Location Restrictions, Impact loration Code of Practice: pplication (APO) including protection of
standards, plans, policies? Criteria Potential impacts	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 Environmental Management) as per the com all elements of the environment, culture and	in demand for re and bridges. comply with CEA comply with (Exp mitment in the a heritage. All	A Location Restrictions, Impact loration Code of Practice: pplication (APO) including protection of disturbed areas to be rehabilitated in
standards, plans, policies? Criteria Potential impacts	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 Environmental Management) as per the comall elements of the environment, culture and accordance with title conditions (Exploration	in demand for re and bridges. comply with CEA comply with (Exp mitment in the a heritage. All Code of Practice	A Location Restrictions, Impact loration Code of Practice: pplication (APO) including protection of disturbed areas to be rehabilitated in exceptabilitation). Rehabilitation to
standards, plans, policies? Criteria Potential impacts	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 Environmental Management) as per the com all elements of the environment, culture and	in demand for re and bridges. comply with CEA comply with (Exp mitment in the a heritage. All Code of Practice n of activity (inclu	A Location Restrictions, Impact loration Code of Practice: pplication (APO) including protection of disturbed areas to be rehabilitated in expension Rehabilitation. Rehabilitation to udes weed growth management).

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?	
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 res systems.		
Potential impacts	Limited potential for any significant diversion natural systems. Negligible impacts and activities, temporarily removed from natural	only localised ch	anges. Areas used for exploration
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	Limited potential for any significant diversion of resources to the detriment of other communities natural systems. Negligible impacts and only localised changes. Areas used for explor activities, temporarily removed as a natural resource. Vegetation removal may remove pot timber resources. No significant impacts on other natural resources other than positive in		
Proposed management controls	of increased knowledge of geological resources. 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 (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?	

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 existing forestry, farming or extractive industries (or r		
Potential impacts	changes. Areas used for exploration acti long term impacts on future availability of for Vegetation removal may remove potential tin	egligible impacts vities, temporaril estry, agricultura nber resources.	and only localised & temporary y removed as a natural resource but no l land, soils or water resources.
Proposed management controls	Thresholds and Criteria. Activities must of Environmental Management) as per the com requirements of this Code include protection air), culture and heritage. All disturbed at conditions (Exploration Code of Practice: Re practicable after completion of activity. Luarrangements and compensation limit any positions.	comply with (Exp mitment in the a of all elements of reas to be rehabi habilitation). Ref egislative require	of the environment (water, land, soil, litated in accordance with title
Duration	Short term		
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?	
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		
Potential impacts Proposed management controls Duration	Natural Resources: Any use which results in purposes. CEA activity not permitted in areas reserved N/A N/A		
Application ranking	IN/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		minigations	
	N/A	What is the	
cope with impacts?	N/A	What is the level of public concern?	
Can the impacts be reversed?	N/A	level of public concern? Ranking of potential significance	
Can the impacts be reversed? Can the impacts be mitigated?		level of public concern? Ranking of potential	or ranking
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	N/A N/A N/A	level of public concern? Ranking of potential significance Justification for	
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	N/A N/A N/A Sensitive Land Impacts: Impacts on National acquired under the National Parks and Wildli	level of public concern? Ranking of potential significance Justification for parks and other	
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	N/A N/A N/A Sensitive Land Impacts: Impacts on National	level of public concern? Ranking of potential significance Justification for parks and other	
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A N/A N/A Sensitive Land Impacts: Impacts on National acquired under the National Parks and Wildli	level of public concern? Ranking of potential significance Justification for parks and other	<u> </u>
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration	N/A N/A N/A Sensitive Land Impacts: Impacts on National acquired under the National Parks and Wildli Activity not permitted in these areas.	level of public concern? Ranking of potential significance Justification for parks and other	<u> </u>
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	N/A N/A N/A Sensitive Land Impacts: Impacts on National acquired under the National Parks and Wildli Activity not permitted in these areas. N/A N/A	level of public concern? Ranking of potential significance Justification for parks and other	<u> </u>
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	N/A N/A N/A Sensitive Land Impacts: Impacts on National acquired under the National Parks and Wildli Activity not permitted in these areas. N/A	level of public concern? Ranking of potential significance Justification for parks and other	

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 for ranking				
Do the operations comply with	N/A				
standards, plans, policies?	Sensitive Land Impacts: Land subject to a 'conservation agreement' under the National Parks and				
Criteria	Wildlife Act 1974 and/or the Biodiversity Conservation Act 2016. This includes: a. Biobanking agreement (established under the now repealed Threatened Species Conservation Act 1995) or Biodiversity Stewardship agreement established under the Biodiversity Conservation Act 2016. Wildlife Refuge agreement established under the Biodiversity Conservation Act 2016. c. Existing				
	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 ramany		
	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 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.		
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 sof 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 controls of the control of the con	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			
What is the confidence in	High	Are further	No
predicting impacts?	3	studies	
prodicting impactor		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	High Resilience	What is the	
cope with impacts?		level of	
		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
can the impacts be reversed:	165		LOW
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification for	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Impacts on other se	ı oncitivo landa inc	luding: a Land within a state forest
Jillella			
	set aside under the Forestry Act 2012 for co		
	special management (and other) zones. b.		
	declared to be a 'controlled area' or a 'special	al area' under the	Water NSW Act 2014, or a 'special
	area' under the Water Management Act 200		
	defined under the Water Management Act 2		
Potential impacts	N/A CEA Location restrictions prevent acti		esitive locations
		vides ili sucii sel	ioilive iocalioi15.
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	
	N/A		
cope with impacts?		level of	
		public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	
oun the impuote be reversed:	14/71	potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for	or ranking
Do the operations comply with	N/A		
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Impacts on land res	erved or dedicate	ed within the meaning of the Crown
Silicila	Lands Act 1989/Crown Lands Management		
		ACL ZUTO TOT PIES	servation of the environment of other
		•	
	environmental protection purposes.	· .	
Potential impacts		·	
•	environmental protection purposes.		
Proposed management controls	environmental protection purposes. Activity not permitted in area. N/A		
Proposed management controls Duration	environmental protection purposes. Activity not permitted in area.	·	
Proposed management controls Duration Application ranking	environmental protection purposes. Activity not permitted in area. N/A N/A	·	
Proposed management controls Duration Application ranking What is the confidence in	environmental protection purposes. Activity not permitted in area. N/A	Are further	N/A
Proposed management controls Duration Application ranking	environmental protection purposes. Activity not permitted in area. N/A N/A	·	N/A
	environmental protection purposes. Activity not permitted in area. N/A N/A	Are further studies	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 studies required on	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 studies required on impacts or	N/A
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?	N/A
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	Are further studies required on impacts or mitigation?	N/A
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?	N/A
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	N/A
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	N/A
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?	N/A
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?	N/A
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	N/A
roposed management controls Duration Explication 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?	N/A
roposed management controls furation spplication 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	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	
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 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? Can 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	
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	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	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	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	or ranking
Proposed management controls Duration Explication 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 Sensitive Land Impacts: Impacts on land ide under the Wilderness Act 1987.	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	or ranking
Proposed management controls Duration Explication 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	or ranking
Proposed management controls Duration Explication 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	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 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	or 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	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 for	or ranking
Do the operations comply with	N/A		<u> </u>
standards, plans, policies?			
Criteria	Sensitive Lands: Impacts on wetlands of int Convention on Wetlands and those designa Important Wetlands of Australia.		
Potential impacts	Activity not permitted in these areas.		
Proposed management controls	N/A		
Duration	N/A		
Application ranking	1471		
What is the confidence in	N/A	Are further	N/A
predicting impacts?		studies	14/7
prodicting impactor		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	
cope with impacts?	14/7	level of	
cope with impacts:		public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	
Can the impacts be reversed:		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for	or ranking
Do the operations comply with	N/A	oustilleation is	or ranking
standards, plans, policies?	IN/A		
Criteria	Sensitive Land Impacts: Impacts on land ide of biodiversity / conservation significance or management. Includes Coastal Wetlands an	r zoned for enviror nd Littoral rainfore	nmental conservation, protection and/or
Detected by sector	Planning Policy (Resilience and Hazards) 2	2021.	
Potential impacts	Activity not permitted in these areas.		
Proposed management controls Duration	N/A		
Diffation			
	N/A		
Application ranking			
Application ranking What is the confidence in	N/A N/A	Are further	N/A
Application ranking		studies	N/A
Application ranking What is the confidence in		studies required on	N/A
Application ranking What is the confidence in		studies required on impacts or	N/A
Application ranking What is the confidence in predicting impacts?	N/A	studies required on impacts or mitigation?	N/A
Application ranking What is the confidence in predicting impacts? How resilient is the environment to		studies required on impacts or mitigation? What is the	N/A
Application ranking What is the confidence in predicting impacts?	N/A	studies required on impacts or mitigation? What is the level of	N/A
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	N/A	studies required on impacts or mitigation? What is the level of public	N/A
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	N/A N/A	studies required on impacts or mitigation? What is the level of public concern?	N/A
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of	N/A
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	N/A N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	N/A
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	N/A N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated?	N/A N/A N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	N/A N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	N/A N/A N/A N/A N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	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	N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on Aborigi objects under the National Parks and Wildlii	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	or ranking ction areas: a. Aboriginal places and
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	N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on Aborigi objects under the National Parks and Wildliidentified in an environmental planning instr	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	or ranking ction areas: a. Aboriginal places and
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	N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on Aborigi objects under the National Parks and Wildlii	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	or ranking ction areas: a. Aboriginal places and
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	N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on Aborigi objects under the National Parks and Wildli identified in an environmental planning instruction Activity not permitted in these areas. N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	or ranking ction areas: a. Aboriginal places and
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration	N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on Aborigi objects under the National Parks and Wildliidentified in an environmental planning instractivity not permitted in these areas.	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	or ranking ction areas: a. Aboriginal places and
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on Aborigi objects under the National Parks and Wildli identified in an environmental planning instractivity not permitted in these areas. N/A N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	or ranking ction areas: a. Aboriginal places and reas of Aboriginal cultural significance
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in	N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on Aborigi objects under the National Parks and Wildli identified in an environmental planning instruction Activity not permitted in these areas. N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for inal heritage prote fe Act 1974 b. A rument.	or ranking ction areas: a. Aboriginal places and
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on Aborigi objects under the National Parks and Wildli identified in an environmental planning instractivity not permitted in these areas. N/A N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for inal heritage prote fe Act 1974 b. A rument. Are further studies	or ranking ction areas: a. Aboriginal places and reas of Aboriginal cultural significance
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in	N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on Aborigi objects under the National Parks and Wildli identified in an environmental planning instractivity not permitted in these areas. N/A N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for inal heritage prote fe Act 1974 b. A rument. Are further studies required on	or ranking ction areas: a. Aboriginal places and reas of Aboriginal cultural significance
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in	N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on Aborigi objects under the National Parks and Wildli identified in an environmental planning instractivity not permitted in these areas. N/A N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for inal heritage prote fe Act 1974 b. A rument. Are further studies	or ranking ction areas: a. Aboriginal places and reas of Aboriginal cultural significance

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		
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Impacts on heritage and internationally recognised heritage sites Commonwealth Heritage List) b. Items list conservation areas identified in an environn	or areas (World ed on State Herita	Heritage List, National Heritage List of age c. Heritage items and
Potential impacts	CEA activities not permitted in these areas.	ientai pianining in	Struttlett
Proposed management controls	N/A		
Duration	N/A		
Application ranking			
What is the confidence in	N/A	Are further	N/A
predicting impacts?		studies	
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	
		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 commu 1993 (for which a plan of management has	nity land classifie been prepared).	d under the Local Government Act
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	
	N1/A	mitigation?	
How resilient is the environment to	N/A	What is the	
cope with impacts?		level of	
		public concern?	
Con the immedia he mayous do	NI/A		
Can the impacts be reversed?	N/A	Ranking of potential	
		significance	
		Sidillicance	
Can the impacts he mitigated?	N/Δ		or ranking
Can the impacts be mitigated?	N/A	Justification f	or ranking
Do the operations comply with	N/A N/A		or ranking
Do the operations comply with standards, plans, policies?	N/A	Justification f	or ranking
Do the operations comply with standards, plans, policies? Criteria	N/A Sensitive Land Impacts: Impacts on bushfire	Justification f	or ranking
Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A Sensitive Land Impacts: Impacts on bushfire Plant and machinery may be an ignition sou	Justification f prone areas.	
Do the operations comply with standards, plans, policies? Criteria	N/A Sensitive Land Impacts: Impacts on bushfire Plant and machinery may be an ignition sou Activities must comply with CEA Location R must comply with (Exploration Code of Prac commitment in the application (APO). Relerisk assessment and implementing suitable controls on activities during Extreme or Cata	Justification f prone areas. proce. estrictions, Impactice: Environment requirements controls to managastrophic Fire Col	ct Thresholds and Criteria. Activities tal Management) as per the s of this Code including undertaking a ge risks (e.g. implementation of nditions will largely negate risk).
Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A Sensitive Land Impacts: Impacts on bushfire Plant and machinery may be an ignition sou Activities must comply with CEA Location R must comply with (Exploration Code of Prac commitment in the application (APO). Rele risk assessment and implementing suitable controls on activities during Extreme or Cata Activities must comply with WHS legislative	Justification f prone areas. proce. estrictions, Impactice: Environment requirements controls to managastrophic Fire Col	ct Thresholds and Criteria. Activities tal Management) as per the s of this Code including undertaking a ge risks (e.g. implementation of
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls	N/A Sensitive Land Impacts: Impacts on bushfire Plant and machinery may be an ignition sou Activities must comply with CEA Location R must comply with (Exploration Code of Prac commitment in the application (APO). Rele 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.	Justification f prone areas. proce. estrictions, Impactice: Environment requirements controls to managastrophic Fire Col	ct Thresholds and Criteria. Activities tal Management) as per the s of this Code including undertaking a ge risks (e.g. implementation of nditions will largely negate risk).
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration	N/A Sensitive Land Impacts: Impacts on bushfire Plant and machinery may be an ignition sou Activities must comply with CEA Location R must comply with (Exploration Code of Prac commitment in the application (APO). Rele risk assessment and implementing suitable controls on activities during Extreme or Cata Activities must comply with WHS legislative	Justification f prone areas. proce. estrictions, Impactice: Environment requirements controls to managastrophic Fire Col	ct Thresholds and Criteria. Activities tal Management) as per the s of this Code including undertaking a ge risks (e.g. implementation of nditions will largely negate risk).
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	N/A Sensitive Land Impacts: Impacts on bushfire Plant and machinery may be an ignition sou Activities must comply with CEA Location R must comply with (Exploration Code of Prac commitment in the application (APO). Rele 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	Justification f prone areas. proce. estrictions, Impactice: Environment requirements controls to managastrophic Fire Correquirements.	ct Thresholds and Criteria. Activities 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
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in	N/A Sensitive Land Impacts: Impacts on bushfire Plant and machinery may be an ignition sou Activities must comply with CEA Location R must comply with (Exploration Code of Prac commitment in the application (APO). Rele 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.	Justification f prone areas. proce. estrictions, Impactice: Environment requirements controls to mana astrophic Fire Correquirements. Are further	ct Thresholds and Criteria. Activities tal Management) as per the s of this Code including undertaking a ge risks (e.g. implementation of nditions will largely negate risk).
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	N/A Sensitive Land Impacts: Impacts on bushfire Plant and machinery may be an ignition sou Activities must comply with CEA Location R must comply with (Exploration Code of Prac commitment in the application (APO). Rele 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	Justification f prone areas. proce. estrictions, Impactice: Environment requirements controls to managestrophic Fire Correquirements. Are further studies	ct Thresholds and Criteria. Activities 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
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in	N/A Sensitive Land Impacts: Impacts on bushfire Plant and machinery may be an ignition sou Activities must comply with CEA Location R must comply with (Exploration Code of Prac commitment in the application (APO). Rele 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	Justification f prone areas. proce. estrictions, Impactice: Environment requirements controls to managastrophic Fire Correquirements. Are further studies required on	ct Thresholds and Criteria. Activities 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
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in	N/A Sensitive Land Impacts: Impacts on bushfire Plant and machinery may be an ignition sou Activities must comply with CEA Location R must comply with (Exploration Code of Prac commitment in the application (APO). Rele 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	Justification f prone areas. proce. estrictions, Impactice: Environments controls to managastrophic Fire Correquirements. Are further studies required on impacts or	ct Thresholds and Criteria. Activities 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
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	N/A Sensitive Land Impacts: Impacts on bushfire Plant and machinery may be an ignition sou Activities must comply with CEA Location R must comply with (Exploration Code of Prac commitment in the application (APO). Relerisk assessment and implementing suitable controls on activities during Extreme or Cate Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High	Justification f prone areas. proce. estrictions, Impactice: Environments controls to managastrophic Fire Correquirements. Are further studies required on impacts or mitigation?	ct Thresholds and Criteria. Activities 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
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	N/A Sensitive Land Impacts: Impacts on bushfire Plant and machinery may be an ignition sou Activities must comply with CEA Location R must comply with (Exploration Code of Prac commitment in the application (APO). Rele 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	Justification f prone areas. proce. estrictions, Impactice: Environments controls to managastrophic Fire Correquirements. Are further studies required on impacts or mitigation? What is the	ct Thresholds and Criteria. Activities 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
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	N/A Sensitive Land Impacts: Impacts on bushfire Plant and machinery may be an ignition sou Activities must comply with CEA Location R must comply with (Exploration Code of Prac commitment in the application (APO). Relerisk assessment and implementing suitable controls on activities during Extreme or Cate Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High	Justification f perpone areas. proce. estrictions, Impactice: Environments controls to managastrophic Fire Correquirements. Are further studies required on impacts or mitigation? What is the level of	ct Thresholds and Criteria. Activities 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
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	N/A Sensitive Land Impacts: Impacts on bushfire Plant and machinery may be an ignition sou Activities must comply with CEA Location R must comply with (Exploration Code of Prac commitment in the application (APO). Relerisk assessment and implementing suitable controls on activities during Extreme or Cate Activities must comply with WHS legislative can be used as firebreaks in event of fire. Short term High	Justification f prone areas. proce. estrictions, Impactice: Environments controls to managastrophic Fire Correquirements. Are further studies required on impacts or mitigation? What is the	ct Thresholds and Criteria. Activities 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).	,	, , , , , , , , , , , , , , , , , , ,
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 personne 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?	
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	Social Impacts: Any environmental impact the		
Potential impacts	community (including loss of facilities or loss Environmental impacts from activities not of		
r otentiai impacts	disruption to community. Areas used for	exploration activ	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 envirous areas to be rehabilitated in accordance with Rehabilitation). Rehabilitation to occur as so sealing of any boreholes).	estrictions, Impac tice: Environment ant requirements anment (including title conditions (E	ct Thresholds and Criteria. Activities tal Management) as per the sof 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?	
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	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 significant	se any significan ntly impact on inc activities, tempo	It or long term change or disruption to dividuals or communities - short term rarily removed from natural systems

Proposed management controls	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 ant requirements oil, air), culture ar litions (Exploration e after completion ents and compe	tal Management) as per the softhis Code include protection of all and heritage. All disturbed areas to con Code of Practice: Rehabilitation). In of activity. Legislative insation limit any potential impacts.
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?	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	Yes	Justification f	· ·
Criteria	Social Impacts: Any impacts on the health, s caused by factors such as pollution, odour, r	noise, vibration, li	ighting, visual impacts, etc).
Proposed management controls	Activities not of a nature to cause any significantly impacts. Limited potential to significantly impacts only. Short term and temporary Activities must comply with CEA Location Research	impact on indivi noise, air quality	duals or communities - short term and visual impacts.
	must 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.	rant requirements oil, air), culture ar litions (Exploration e after completion ents and compe	s of this Code include protection of all and heritage. All disturbed areas to be Code of Practice: Rehabilitation). In of activity. Legislative insation limit any potential impacts.
Duration	Short term		
Application ranking	Short term		
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?	
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: Effect on a locality, place or archaeological, architectural, cultural, historivalue for present or future generations?	cal, scientific or s	social significance or other special
Potential impacts	Negligible potential to effect a locality, place archaeological, architectural, cultural, historivalue due to location restrictions of a CEA.	cal, scientific or s Short term an	social significance or other special d temporary impacts only.
Proposed management controls		h CEA Location loration Code of	oration activities and temporary nature Restrictions, Impact Thresholds and Practice: Environmental Management) s limited to immediate vicinity of
Duration	Short term		
Application ranking			

What is the confidence in	High	Are further	No
predicting impacts?	19	studies	
producting impactor		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	High Resilience	What is the	
cope with impacts?	rigit Resilience	level of	
cope with impacts?			
		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Partly	Justification for	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Social Impacts: Impacts on communities with	h strong sense of	fidentity.
Potential impacts	Community likely to include members who h	ave concerns abo	out possible future mining following any
. otonica impaoto	exploration program. Short term and term		
Proposed management controls	Short term impacts on the community and pr		
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 to
Duration		n or activity.	
Duration Application replies	Short term		
Application ranking	14 17		Lai
What is the confidence in	Medium	Are further	No
predicting impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	High Resilience	What is the	
cope with impacts?		level of	
		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
•		potential	
		significance	
Can the impacts be mitigated?	Partly	Justification for	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Social Impacts: Impacts on disadvantaged c	ommunities	
Potential impacts	No negative impacts predicted.		
Potential impacts	I INO HEGALIVE IIIDACIS DIEGICIEG.		ited to immediate site. Subject to
Duamana and manuscript and male		مماثل بالقمام مانمما مادم	
Proposed management controls	Short term impacts on the community and pr		
Proposed management controls	Short term impacts on the community and pri landholder agreement and any compensatio	n. All disturbe	ed areas to be rehabilitated in
Proposed management controls	Short term impacts on the community and pr landholder agreement and any compensatio accordance with title conditions (Exploration	n. All disturbe Code of Practice	ed areas to be rehabilitated in
· ·	Short term impacts on the community and pr landholder agreement and any compensatio accordance with title conditions (Exploration occur as soon as practicable after completio	n. All disturbe Code of Practice	ed areas to be rehabilitated in
Proposed management controls Duration	Short term impacts on the community and pr landholder agreement and any compensatio accordance with title conditions (Exploration	n. All disturbe Code of Practice	ed areas to be rehabilitated in
Duration Application ranking	Short term impacts on the community and pr landholder agreement and any compensatio accordance with title conditions (Exploration occur as soon as practicable after completio	n. All disturbe Code of Practice n of activity.	ed areas to be rehabilitated in
Duration Application ranking What is the confidence in	Short term impacts on the community and pr landholder agreement and any compensatio accordance with title conditions (Exploration occur as soon as practicable after completio	n. All disturbe Code of Practice	ed areas to be rehabilitated in
Duration Application ranking	Short term impacts on the community and pr landholder agreement and any compensatio accordance with title conditions (Exploration occur as soon as practicable after completio Short term	n. All disturber Code of Practices n of activity. Are further studies	ed areas to be rehabilitated in experience: Rehabilitation). Rehabilitation to
Duration Application ranking What is the confidence in	Short term impacts on the community and pr landholder agreement and any compensatio accordance with title conditions (Exploration occur as soon as practicable after completio Short term	n. All disturbe Code of Practice n of activity.	ed areas to be rehabilitated in expenses: Rehabilitation). Rehabilitation to
Duration Application ranking What is the confidence in	Short term impacts on the community and pr landholder agreement and any compensatio accordance with title conditions (Exploration occur as soon as practicable after completio Short term	n. All disturber Code of Practices n of activity. Are further studies required on impacts or	ed areas to be rehabilitated in expenses: Rehabilitation). Rehabilitation to
Duration Application ranking What is the confidence in	Short term impacts on the community and pr landholder agreement and any compensatio accordance with title conditions (Exploration occur as soon as practicable after completio Short term	n. All disturber Code of Practices n of activity. Are further studies required on	ed areas to be rehabilitated in Example: Rehabilitation). Rehabilitation to
Duration Application ranking What is the confidence in	Short term impacts on the community and pr landholder agreement and any compensatio accordance with title conditions (Exploration occur as soon as practicable after completio Short term	n. All disturber Code of Practices n of activity. Are further studies required on impacts or	ed areas to be rehabilitated in Example: Rehabilitation). Rehabilitation to
Duration Application ranking What is the confidence in predicting impacts?	Short term impacts on the community and pr landholder agreement and any compensatio accordance with title conditions (Exploration occur as soon as practicable after completio Short term	n. All disturbed Code of Practices of activity. Are further studies required on impacts or mitigation?	ed areas to be rehabilitated in Example: Rehabilitation). Rehabilitation to
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	Short term impacts on the community and pr landholder agreement and any compensatio accordance with title conditions (Exploration occur as soon as practicable after completio Short term	n. All disturbers Code of Practices of activity. Are further studies required on impacts or mitigation? What is the level of	ed areas to be rehabilitated in Example: Rehabilitation). Rehabilitation to
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	Short term impacts on the community and pr landholder agreement and any compensatio accordance with title conditions (Exploration occur as soon as practicable after completio Short term	n. All disturbed Code of Practices of activity. Are further studies required on impacts or mitigation? What is the level of public	ed areas to be rehabilitated in Example: Rehabilitation). Rehabilitation to
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	Short term impacts on the community and present landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term High High Resilience	n. All disturber Code of Practices of activity. Are further studies required on impacts or mitigation? What is the level of public concern?	ed areas to be rehabilitated in expension in the expensio
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	Short term impacts on the community and pr landholder agreement and any compensatio accordance with title conditions (Exploration occur as soon as practicable after completio Short term	n. All disturber Code of Practices n of activity. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of	ed areas to be rehabilitated in e: Rehabilitation). Rehabilitation to
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	Short term impacts on the community and present landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term High High Resilience	n. All disturbed Code of Practices of activity. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	ed areas to be rehabilitated in expension in the expensio
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	Short term impacts on the community and prelandholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term High High Resilience	n. All disturbed Code of Practices of activity. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	ed areas to be rehabilitated in expension in the expensio
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?	Short term impacts on the community and present landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completions). Short term High High Resilience	n. All disturbed Code of Practices of activity. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	ed areas to be rehabilitated in expension in the expensio
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	Short term impacts on the community and prelandholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term High High Resilience	n. All disturbed Code of Practices of activity. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	ed areas to be rehabilitated in expension in the expensio
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?	Short term impacts on the community and properties and any compensation accordance with title conditions (Exploration occur as soon as practicable after completions). Short term High High Resilience Yes Fully Yes	n. All disturbed Code of Practices of activity. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	ed areas to be rehabilitated in expension in the expensio
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	Short term impacts on the community and properties 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 soon as practicable after completion short term	n. All disturbed Code of Practices of activity. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	ed areas to be rehabilitated in expension in the expensio
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	Short term impacts on the community and present 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.	n. All disturbers Code of Practices of activity. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	ed areas to be rehabilitated in expension in Rehabilitation to Reh
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?	Short term impacts on the community and present 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	n. All disturbed Code of Practices of activity. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for affect economic and increase in dem	ed areas to be rehabilitated in expension in Rehabilitation. Rehabilitation to see the Rehabilitation in Rehabilitation in Rehabilitation in Rehabilitation to see the Rehabilitation in Rehabil
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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	Short term impacts on the community and present 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 Negligible impacts likely due to low personnes Generally positive for suppliers of services as	n. All disturbed Code of Practices of activity. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for affect economic and increase in demonstrated in umbers and to	Low cativity (positive or negative), including and for accommodation, food, ant significant changes in supply.
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	Short term impacts on the community and present 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 Negligible impacts likely due to low personner.	n. All disturbed Code of Practices of activity. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for affect economic and increase in demonstrated in umbers and to	Low cativity (positive or negative), including and for accommodation, food, ant significant changes in supply.

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?	
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 Criteria	Economic Impacts: Any impacts that result i	n a decrease in tl	ne economic stability of the community.
Potential impacts	Activities not of a scale to warrant changes i result in increased income for some supplier	n supply side.	Temporary increase in demand will
Proposed management controls	Negligible impacts likely due to low personn- Generally positive for suppliers of services a	el numbers and t	
Duration Application replains	Short term		
Application ranking What is the confidence in	High	Are further	No
predicting impacts?	i ngn	studies required on impacts or mitigation?	
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	
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	Economic Impacts: Any impacts which resul	t in a change to t	ha nublic cactor ravanua or
	expenditure base.		·
Potential impacts		re public liability f	·
Proposed management controls	expenditure base. Rehabilitation security bond covers any futu exploration may lead to significant mining in impacts from exploration. Small increase in public revenue associated	re public liability f vestment. Lin	or rehabilitation. Investment in nited long term negative economic
Proposed management controls Duration	expenditure base. Rehabilitation security bond covers any futu exploration may lead to significant mining in impacts from exploration.	re public liability f vestment. Lin	or rehabilitation. Investment in nited long term negative economic
Proposed management controls Duration Application ranking	expenditure base. Rehabilitation security bond covers any futu exploration may lead to significant mining in impacts from exploration. Small increase in public revenue associated Short term	re public liability f vestment. Lin with exploration,	for rehabilitation. Investment in nited long term negative economic including taxes from wages.
Proposed management controls Duration	expenditure base. 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	re public liability fivestment. Lin with exploration, Are further studies required on impacts or mitigation?	or rehabilitation. Investment in 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?	expenditure base. 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	re public liability for vestment. Lin with exploration, Are further studies required on impacts or mitigation? What is the level of public concern?	for rehabilitation. Investment in nited long term negative economic including taxes from wages.
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	expenditure base. 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	re public liability fivestment. Lin with exploration, Are further studies required on impacts or mitigation? What is the level of public	for rehabilitation. Investment in nited long term negative economic 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? Can the impacts be mitigated?	expenditure base. 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	re public liability for vestment. Lin with exploration, Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	for rehabilitation. Investment in nited long term negative economic including taxes from wages. No
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	expenditure base. Rehabilitation security bond covers any futule exploration may lead to significant mining in impacts from exploration. Small increase in public revenue associated Short term High High Resilience	re public liability fivestment. Lin with exploration, Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification fi	or rehabilitation. Investment in nited long term negative economic including taxes from wages. No 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	expenditure base. Rehabilitation security bond covers any futule 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.	re public liability fivestment. Lin with exploration, Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification fi	for rehabilitation. Investment in nited long term negative economic including taxes from wages. No Low or ranking e, building or archaeological relic of
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?	expenditure base. Rehabilitation security bond covers any futule 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,	re public liability fivestment. Lin with exploration, Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification fi	or rehabilitation. Investment in nited long term negative economic including taxes from wages. No 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	expenditure base. Rehabilitation security bond covers any futule 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.	re public liability fivestment. Lin with exploration, Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification fi place, landscape of a locality. estrictions, Impactice: Environment vant requirements comment (including All disturbed a actice: Rehabilitati	for rehabilitation. Investment in nited long term negative economic including taxes from wages. No Low or ranking e, building or archaeological relic of stential to significantly impact on e, air quality and visual impacts. et 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?	
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	Aesthetic Impacts: Any impacts on the visua flaring of gas.		7 7 7 7 7
Potential impacts	during night time operations and use of acce	emporary impactess tracks by veh	t on aesthetics of a locality. Lighting icles at night may affect local amenity
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 enviro (Aboriginal and Non-Indigenous heritage). with title conditions (Exploration Code of Prapracticable after completion of activity (included).	tice: Environmen vant requirements onment (including All disturbed a actice: Rehabilitat	tal Management) as per the softhis 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 a	ly bereficies).
Application ranking			
What is the confidence in predicting impacts?	High	Are further studies required on impacts or	No
How recilient is the environment to	High Deciliones	mitigation?	
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	
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 as and visual impacts. Potential for tempora night 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 inght 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	No
		mitigation?	
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	
	1		Low
Can the impacts be reversed? Can the impacts be mitigated?	Yes Partly	Ranking of potential significance Justification f	

Do the operations comply with	Yes		
standards, plans, policies?	Cultural Impacts: Any disturbance of the	und ourfoss or -	av culturally modified trace (a.g. c
Criteria	Cultural Impacts: Any disturbance of the ground tree).		
Potential impacts			npact on aesthetics of a locality.
Proposed management controls	Activities must comply with CEA Location Recannot 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 practicable after completion of activity (included)	Place and activitie of Practice: Entrant requirements ment (including All disturbed a ctice: 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	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	
cope with impacts?		level of	
		public	
Can the impacts be reversed?	Yes	concern? Ranking of	Low
Can the impacts be reversed?	165	potential	Low
		significance	
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies?		l	
Criteria	Cultural Impacts: Any impacts on known Abo		
Potential impacts	Short term ground disturbance. Potential ground disturbance, excavations, vegetation		poriginal objects and places through
Proposed management controls	Activities must comply with CEA Location Re	etrictions Impac	t Throobolds and Critoria Activities
, •	cannot occur on land declared an Aboriginal Activities must comply with (Exploration Cod	Place and activite of Practice: En	ties must not harm Aboriginal Objects. 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 activitie of Practice: Entrant requirements ment (including All disturbed a ctice: 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
,	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 practicable after completion of activity (included).	Place and activitie of Practice: Entrant requirements ment (including All disturbed a ctice: 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). with title conditions (Exploration Code of Pra	Place and activitie of Practice: Entrant requirements ment (including All disturbed a ctice: 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 Application ranking What is the confidence in	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 practicable after completion of activity (included).	Place and activitie of Practice: Entrant requirements ment (including All disturbed a ctice: 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 Application ranking	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 practicable after completion of activity (include Short term	Place and activite of Practice: Enter the requirements of the control of the cont	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).
Duration Application ranking What is the confidence in predicting impacts?	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 practicable after completion of activity (include Short term	Place and activite of Practice: Enternant requirements on the cities and requirements on the cities and requirements of the cities and cities. Rehabilitated in the cities and cities are further studies required on impacts or mitigation?	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).
Duration 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 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 practicable after completion of activity (include Short term	Place and activite of Practice: Enternant requirements on the cities of	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).
Duration Application ranking What is the confidence in predicting impacts?	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 practicable after completion of activity (include Short term	Place and activite of Practice: Enternant requirements on the cities and requirements on the cities and requirements of the cities and cities. Rehabilitated in the cities and cities are further studies required on impacts or mitigation?	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).
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	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 practicable after completion of activity (include Short term High High Resilience	Place and activite of Practice: Enternant requirements of the control of the cont	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).
Duration 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 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 practicable after completion of activity (included Short term) High High Resilience	Place and activite of Practice: Enter the process of the process o	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).
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?	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 Short term) High High Resilience	Place and activite of Practice: Enter the process of the process o	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).
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	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 practicable after completion of activity (included Short term) High High Resilience	Place and activite of Practice: Enter the process of the process o	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
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	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 (include Short term High High Resilience Yes Cultural Impacts: Affects areas where the lat Aboriginal objects.	Place and activite of Practice: Enter the process of the process o	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 Low or ranking
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?	cannot occur on land declared an Aboriginal Activities must comply with (Exploration Code commitment in the application (APO). Releve 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. Potential	Place and activite of Practice: Enternant requirements of the control of the cont	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 Low or ranking
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	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 (include Short term High High Resilience Yes Cultural Impacts: Affects areas where the lat Aboriginal objects.	Place and activite of Practice: Enrant requirements on the including All disturbed actice: Rehabilitating sealing of articles required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the including all disturbed actice: Rehabilitation and including All disturbed actice: Rehabilitation in the including	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 No Low or ranking indicate the likely presence of poriginal 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 the condense of the condense of the condense of the code include minimising water, land, air), culture and heritage reas to be rehabilitated in accordance ion). Rehabilitation to occur as soon as
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	cannot occur on land declared an Aboriginal Activities must comply with (Exploration Code commitment in the application (APO). Releve potential impacts on all aspects of the environ (Aboriginal and Non-Indigenous heritage). With title conditions (Exploration Code of Prapacticable after completion of activity (include Short term) High High Resilience Yes Fully Yes Cultural Impacts: Affects areas where the land 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). Releve potential impacts on all aspects of the environ (Aboriginal and Non-Indigenous heritage). With title conditions (Exploration Code of Pragorial and Code of Pragorial and Code of Pragorial and Code of C	Place and activite of Practice: Enrant requirements on the including All disturbed actice: Rehabilitating sealing of articles required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the including all disturbed actice: Rehabilitation and including All disturbed actice: Rehabilitation in the including	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 No Low or ranking indicate the likely presence of poriginal 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?	ŭ	studies	
, 9		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	High Resilience	What is the	
cope with impacts?		level of	
		public	
		concern?	
Can the impacts he reversed?	Yes		Low
Can the impacts be reversed?	res	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification for	or ranking
Do the operations comply with	Yes		<u> </u>
standards, plans, policies?	100		
	Cultural Impacts, Affacts areas subject to no	l tivo titlo alaima ir	ndigeneus land use agreements or
Criteria	Cultural Impacts: Affects areas subject to na	tive title claims, i	ndigenous land use agreements or
	joint management arrangements.		
Potential impacts	Condition of exploration title/authority prohib	its exploration on	any land or waters on which Native
•	Title has not been extinguished, unless the p		
Proposed management controls	Condition of exploration title/authority prohib		
Froposed management controls			
	Title has not been extinguished, unless the p	prior consent of the	ie iviinister nas deen obtained.
Duration	Short term		
Application ranking			
What is the confidence in	High	Are further	No
	1 11911		110
predicting impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	High Resilience	What is the	
	r light resilience		
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: Impacts on Aboriginal com	munities or areas	s subject to land rights claims
Potential impacts	Condition of exploration title/authority prohib		
	Title has not been extinguished, unless the p	prior consent of the	ne Minister has been obtained.
	Activities must comply with CEA Location Re	estrictions, Impac	t Thresholds and Criteria. Activities
	cannot occur on land declared an Aboriginal	, , ,	
			iles must not nami Abonginai Objects.
		riace and activit	
	Any impacts are short term and temporary.		
Proposed management controls	Any impacts are short term and temporary. Condition of exploration title/authority prohibition.	its exploration on	
Proposed management controls	Any impacts are short term and temporary.	its exploration on	
Proposed management controls	Any impacts are short term and temporary. Condition of exploration title/authority prohib Title has not been extinguished, unless the p	its exploration on prior consent of the	ne Minister has been obtained.
Proposed management controls	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	its exploration on orior consent of the estrictions, Impac	ne Minister has been obtained. It Thresholds and Criteria. Activities
	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	its exploration on orior consent of the estrictions, Impac	ne Minister has been obtained. It Thresholds and Criteria. Activities
Duration	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	its exploration on orior consent of the estrictions, Impac	ne Minister has been obtained. It Thresholds and Criteria. Activities
Duration Application ranking	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	its exploration on prior consent of the estrictions, Impac Place and activit	ne Minister has been obtained. It Thresholds and Criteria. Activities Ities must not harm Aboriginal Objects.
Duration	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	its exploration on orior consent of the estrictions, Impac	ne Minister has been obtained. It Thresholds and Criteria. Activities
Duration Application ranking What is the confidence in	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	its exploration on prior consent of the estrictions, Impac Place and activit	ne Minister has been obtained. It Thresholds and Criteria. Activities Ities must not harm Aboriginal Objects.
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Duration Application ranking What is the confidence in	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	its exploration on prior consent of the estrictions, Impace Place and activited Are further studies required on impacts or	ne Minister has been obtained. It Thresholds and Criteria. Activities Ities must not harm Aboriginal Objects.
Duration Application ranking What is the confidence in predicting impacts?	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	its exploration on prior consent of the estrictions, Impac Place and activited. Are further studies required on impacts or mitigation?	ne Minister has been obtained. It Thresholds and Criteria. Activities Ities must not harm Aboriginal Objects.
Duration Application ranking What is the confidence in	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	its exploration on prior consent of the estrictions, Impace Place and activited Are further studies required on impacts or	ne Minister has been obtained. It Thresholds and Criteria. Activities Ities must not harm Aboriginal Objects.
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Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	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	its exploration on prior consent of the estrictions, Impact Place and activition of the estrictions, Impact Place and activition of the estriction of the es	ne Minister has been obtained. It Thresholds and Criteria. Activities Ities must not harm Aboriginal Objects.
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	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	its exploration on prior consent of the estrictions, Impace Place and activition of the estrictions, Impace and activition of the estriction of the estricti	ne Minister has been obtained. It Thresholds and Criteria. Activities ies must not harm Aboriginal Objects. No
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	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	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of the striction of the strictions, Impact or studies required on impacts or mitigation?	ne Minister has been obtained. It Thresholds and Criteria. Activities Ities must not harm Aboriginal Objects.
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	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	its exploration on prior consent of the estrictions, Impace Place and activition of the estrictions, Impace and activition of the estriction of the estricti	ne Minister has been obtained. It Thresholds and Criteria. Activities ies must not harm Aboriginal Objects. No
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	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	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of the striction of the strictions, Impact or studies required on impacts or mitigation?	ne Minister has been obtained. It Thresholds and Criteria. Activities ies must not harm Aboriginal Objects. No
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	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	its exploration on prior consent of the strictions, Impace Place and activition Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	ne Minister has been obtained. It Thresholds and Criteria. Activities ties must not harm Aboriginal Objects. No Low
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?	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	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	ne Minister has been obtained. It Thresholds and Criteria. Activities ties must not harm Aboriginal Objects. No Low
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	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	its exploration on prior consent of the strictions, Impace Place and activition Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	ne Minister has been obtained. It Thresholds and Criteria. Activities ties must not harm Aboriginal Objects. No Low
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?	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	its exploration on prior consent of the strictions, Impact Place and activition Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	ne Minister has been obtained. It Thresholds and Criteria. Activities ites must not harm Aboriginal Objects. No Low or ranking
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	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	its exploration on prior consent of the strictions, Impact Place and activition Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	ne Minister has been obtained. It Thresholds and Criteria. Activities ites must not harm Aboriginal Objects. No Low or ranking
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?	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	its exploration on prior consent of the strictions, Impact Place and activition of the strictions, Impact Place and activition of high anthropologic consern? Ranking of potential significance Justification for the striction of	ne Minister has been obtained. It Thresholds and Criteria. Activities ites must not harm Aboriginal Objects. No Low or ranking
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	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 cultural, heritage, historical, recreational or s	its exploration on prior consent of the strictions, Impact Place and activition of the strictions, Impact Place and activition of high anthropologic consern? Ranking of potential significance Justification for the striction of	ne Minister has been obtained. It Thresholds and Criteria. Activities ites must not harm Aboriginal Objects. No Low or ranking
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?	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	its exploration on prior consent of the strictions, Impact Place and activition of the strictions, Impact Place and activition of high anthropologic consern? Ranking of potential significance Justification for the striction of	ne Minister has been obtained. It Thresholds and Criteria. Activities ities must not harm Aboriginal Objects. No Low or ranking

Proposed management controls	Activities must comply with CEA Location Remust comply with (Exploration Code of Praccommitment 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 (inclu-	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?	
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		<u> </u>
standards, plans, policies?			
Criteria	Land Use Impacts: Any major changes in latuses.		
Potential impacts	Limited potential for any major changes in la exploration. Negligible impacts and limit exploration activities, temporarily removed fit temporary impacts on productive rural indus remove potential timber resources.	ed to immediate voom existing land tries, including a	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?	
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 mov	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?	

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	Justinication	or ranking
Criteria	Transportation Impacts: Impacts associated	with direct or ind	irect additional traffic.
Potential impacts	Short term additional traffic during exploration	n activity primar	ily during set-up/construction stage
Proposed management controls	Short term additional traffic during exploration		
r roposed management controls			ent and any compensation.
Duration	,	iunoluei agreem	ent and any compensation.
Duration	Short term		
Application ranking			Γ
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	
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	Justinioution I	
standards, plans, policies?			
Criteria	Consistency with applicable local strategic p strategic plans.	lanning statemer	nts, regional strategic plans or district
Potential impacts	Temporary and short term impact on the land	4	
Proposed management controls	Exploration comprises development that doe		
	associated local, regional and district plans.		
		strategic plans o	r district strategic plans. Minimal
	local strategic planning statements, regional		
	impacts likely and limited to immediate site of	of the activity.	Impacts are compensable under
	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199	of the activity. 2 and Petroleum	Impacts are compensable under (Onshore) Act 1991. Subject to
	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensatio	of the activity. 22 and Petroleum n. All disturbe	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in
	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration).	of the activity. 12 and Petroleum n. All disturbe Code of Practice	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in Expension Rehabilitation to
	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion)	of the activity. 12 and Petroleum n. All disturbe Code of Practice	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in Expension Rehabilitation to
Duration	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration)	of the activity. 12 and Petroleum n. All disturbe Code of Practice	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in Expension Rehabilitation to
Application ranking	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion)	of the activity. 12 and Petroleum n. All disturbe Code of Practice	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in Expension Rehabilitation to
	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion)	of the activity. 12 and Petroleum n. All disturbe Code of Practice	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in Expension Rehabilitation to
Application ranking	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term - until land is rehabilitated.	of the activity. In and Petroleum In All disturbe Code of Practice In of activity (inclu	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in expension Rehabilitation to uding sealing of any boreholes).
Application ranking What is the confidence in	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term - until land is rehabilitated.	of the activity. 12 and Petroleum 13 n. All disturbe 14 Code of Practice 15 n of activity (inclu 16 Are further	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in expension Rehabilitation to uding sealing of any boreholes).
Application ranking What is the confidence in	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term - until land is rehabilitated.	of the activity. 12 and Petroleum 13 n. All disturbe 14 Code of Practice 15 n of activity (inclu 16 Are further 17 studies	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in expension Rehabilitation to uding sealing of any boreholes).
Application ranking What is the confidence in	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term - until land is rehabilitated.	of the activity. 2 and Petroleum 1. All disturbe Code of Practice 1. of activity (inclu Are further 1. studies 1. required on 1. impacts or	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in expension Rehabilitation to uding sealing of any boreholes).
Application ranking What is the confidence in	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term - until land is rehabilitated.	of the activity. 12 and Petroleum 13 n. All disturbe 14 Code of Practice 15 n of activity (inclusion 16 Are further 17 studies 18 required on	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in expension Rehabilitation to uding sealing of any boreholes).
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term - until land is rehabilitated. High	of the activity. 2 and Petroleum 1. All disturbe Code of Practice 2 n of activity (inclusion Are further 2 studies 3 required on 4 impacts or 5 mitigation? What is the	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in expension Rehabilitation to uding sealing of any boreholes).
Application ranking What is the confidence in predicting impacts?	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term - until land is rehabilitated. High	of the activity. 2 and Petroleum 1. All disturbe Code of Practice 1. of activity (inclusion Are further 1. studies 1. required on 1. impacts or 1. mitigation? What is the 1. level of	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in expension Rehabilitation to uding sealing of any boreholes).
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term - until land is rehabilitated. High	of the activity. 2 and Petroleum All disturbe Code of Practice n of activity (inclu Are further studies required on impacts or mitigation? What is the level of public	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in expension Rehabilitation to uding sealing of any boreholes).
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term - until land is rehabilitated. High High Resilience	of the activity. 12 and Petroleum 13 All disturbe 14 Code of Practice 15 n of activity (inclusion 16 Are further 17 studies 18 required on 18 impacts or 18 mitigation? 18 What is the 18 level of 18 public 18 concern?	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in at Rehabilitation). Rehabilitation to uding sealing of any boreholes).
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term - until land is rehabilitated. High	of the activity. 12 and Petroleum 13 All disturbe 14 Code of Practice 15 n of activity (inclusion 16 Are further 17 studies 18 required on 18 impacts or 18 mitigation? 18 What is the 19 level of 19 public 18 concern? 19 Ranking of	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in expension Rehabilitation to uding sealing of any boreholes).
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term - until land is rehabilitated. High High Resilience	of the activity. 12 and Petroleum 13 All disturbe 14 Code of Practice 15 n of activity (inclusion 16 Are further 17 studies 18 required on 18 impacts or 18 mitigation? 18 What is the 19 level of 19 public 18 concern? 18 Ranking of 19 potential	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in at Rehabilitation). Rehabilitation to uding sealing of any boreholes).
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term - until land is rehabilitated. High High Resilience	of the activity. 12 and Petroleum 13 All disturbe 14 Code of Practice 15 n of activity (inclusion 16 Are further 17 studies 18 required on 18 impacts or 18 mitigation? 18 What is the 18 level of 18 public 18 concern? 18 Ranking of 18 potential 18 significance	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in expension in the control of the c
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?	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term - until land is rehabilitated. High High Resilience Uncertain	of the activity. 12 and Petroleum 13 All disturbe 14 Code of Practice 15 n of activity (inclusion 16 Are further 17 studies 18 required on 18 impacts or 18 mitigation? 18 What is the 19 level of 19 public 18 concern? 18 Ranking of 19 potential	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in expension in the control of the c
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?	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term - until land is rehabilitated. High High Resilience Uncertain Fully Yes	of the activity. 2 and Petroleum 1. All disturbe Code of Practice 2 nof activity (inclusion 2 are further 3 studies 3 required on 3 impacts or 3 mitigation? What is the 4 level of 5 public 6 concern? 8 Ranking of 7 potential 8 significance Justification for	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in Exceptablication. Rehabilitation to adding sealing of any boreholes). No 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	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term - until land is rehabilitated. High High Resilience Uncertain Fully Yes Matters of National Environmental Significant Environmental Protection and Biodiversity C	of the activity. 2 and Petroleum 1. All disturbe Code of Practice 2 nof activity (inclusion Are further 3 studies 3 required on 4 impacts or 4 mitigation? What is the 4 level of 5 public 6 concern? Ranking of 7 potential 8 significance 9 Justification for ce: Impacts on Nonservation Act	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in at Rehabilitation). Rehabilitation to uding sealing of any boreholes). No Low MNES under the Commonwealth 1999:
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?	impacts likely and limited to immediate site of relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term - until land is rehabilitated. High High Resilience Uncertain Fully Yes Matters of National Environmental Significant	of the activity. 2 and Petroleum 1. All disturbe Code of Practice 2 nof activity (inclusion Are further 3 studies 3 required on 4 impacts or 4 mitigation? What is the 4 level of 5 public 6 concern? Ranking of 7 potential 8 significance 9 Justification for ce: Impacts on Nonservation Act	Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in at Rehabilitation). Rehabilitation to uding sealing of any boreholes). No Low MNES under the Commonwealth 1999:
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Can the impacts be mitigated?	N/A	Justification for 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?	
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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