

Thursday 18 April 2024

Assessable Prospecting Operation Application Decision Briefing and Review of Environmental Factors document Bald Hill 2024 | APO0001676

Decision Maker	Monique Meyer
Prepared by	Nicole Wallwood
Title	EL 5958 (1992)
Authorised Representative	
Project name	Bald Hill 2024
Activity type	Complying Exploration Activity

Issue

has sought an activity approval in respect of Bald Hill 2024, within EL 5958 (1992), at 28km west from Broken Hill.

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

APO0001676 seeking approval under EL 5958 (granted 24/6/2002, expiry 24/6/2025) to undertake the Bald Hill 2024 program involving 6x Diamond Drillholes (each to 200m depth) with access tracks and sumps.

Current security held and required for EL 5958 is \$10,000.

There are no other approved activities with rehabilitation outstanding on the title.

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 Bald Hill 2024 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 Bald Hill 2024 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 Bald Hill 2024 (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 Bald Hill 2024 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, Nicole Wallwood, 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 Bald Hill 2024 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	Air quality is not anticipated to be of concern with the drilling methods proposed. In addition, due to the location of the proposed drilling, it is not expected that air quality of sensitive receptors will be impacted.			
	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 according Practice: Rehabilitation). Rehabilitation to oc (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	No	
		mitigation?		
How resilient is the environment to cope with impacts?	N/A	What is the level of public concern?	Low	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Partly	Justification for	or ranking	
Do the operations comply with	Yes			
standards, plans, policies?	Air Impacts: Greenhouse or ozone impacts.			
	•	d with vobidoo	plant and machinery during	
Potential impacts	Emissions from combustion of fuel associated with vehicles, plant and machinery during construction, operations and rehabilitation. Fugitive methane emissions from intercepted seams. Fugitive emissions of gases or vapour from drilling operations and the operation of flares.			
Proposed management controls	Air quality is not anticipated to be of concern with the drilling methods proposed. In addition, due to the location of the proposed drilling, it is not expected that air quality of sensitive receptors will be impacted. Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Petroleum			
	exploration activities cannot be a CEA. CO2 emissions from activities are extremely			
	CO2 emissions from activities are extremely limited and inconsequential in context of global emissions and impact.			
	·			
	Restrictions on use of ozone depleting subst	ances in NSW al	so limits ozone depletion.	
Dunation	Restrictions on use of ozone depleting substantial disturbed areas to be rehabilitated in accompractice: Rehabilitation). Rehabilitation to occur (including sealing of any boreholes).	ances in NSW al	so limits ozone depletion. conditions (Exploration Code of	
Duration Application ranking	Restrictions on use of ozone depleting substantial disturbed areas to be rehabilitated in accordance: Rehabilitation). Rehabilitation to occur	ances in NSW al	so limits ozone depletion. conditions (Exploration Code of	
Duration Application ranking What is the confidence in predicting impacts?	Restrictions on use of ozone depleting substantial disturbed areas to be rehabilitated in accompractice: Rehabilitation). Rehabilitation to occur (including sealing of any boreholes).	ances in NSW all ordance with title occur as soon as personal order of the court as soon as personal order of the court as soon as personal order orde	so limits ozone depletion. conditions (Exploration Code of	
Application ranking What is the confidence in	Restrictions on use of ozone depleting subst All disturbed areas to be rehabilitated in according Practice: Rehabilitation). Rehabilitation to oc (including sealing of any boreholes). Medium term atmospheric residence.	ances in NSW all ordance with title ocur as soon as personal studies required on impacts or	so limits ozone depletion. conditions (Exploration Code of oracticable after completion of activity	
Application ranking What is the confidence in	Restrictions on use of ozone depleting subst All disturbed areas to be rehabilitated in according Practice: Rehabilitation). Rehabilitation to oc (including sealing of any boreholes). Medium term atmospheric residence.	ances in NSW all ordance with title ocur as soon as part of the cour as soon as part of the cour as soon as part of the cour as soon as part of the course o	so limits ozone depletion. conditions (Exploration Code of oracticable after completion of activity	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	Restrictions on use of ozone depleting subst All disturbed areas to be rehabilitated in according practice: Rehabilitation). Rehabilitation to or (including sealing of any boreholes). Medium term atmospheric residence. High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern?	so limits ozone depletion. conditions (Exploration Code of oracticable after completion of activity No	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	Restrictions on use of ozone depleting subst All disturbed areas to be rehabilitated in according practice: Rehabilitation). Rehabilitation to or (including sealing of any boreholes). Medium term atmospheric residence.	ances in NSW all ordance with title ocur as soon as part of the cour as soon as part of the cour as soon as part of the cour as soon as part of the course o	so limits ozone depletion. conditions (Exploration Code of oracticable after completion of activity	

Can the impacts be mitigated?	Partly	Justification for ranking		
Do the operations comply with	Yes			
standards, plans, policies?	At law at Additional forms to an arrange of the second of			
Criteria	Air Impacts: Additional impacts on areas with degraded air quality.			
Potential impacts	Potential for temperature inversions in winter to trap dust and air particulates. Wind erosion possible from exposed soils. Particulate emissions from vehicles and machinery. Dust generation from operating machinery, vehicles travelling over tracks, etc.			
Proposed management controls	Air quality is not anticipated to be of concern with the drilling methods proposed. In addition, due to the location of the proposed drilling, it is not expected that air quality of sensitive receptors will be impacted. 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 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 No 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 Low potential significance		
Can the impacts be mitigated?	Partly	Justification for ranking		
Do the operations comply with standards, plans, policies?	Yes	_		
Criteria	Water Impacts: Impacts from the use of surfa	l ace or aroundwater		
Potential impacts	Water Impacts: Impacts from the use of surface or groundwater. 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.			

Surface water should not be affected by the proposed activities. The nearest named watercourse is Georges Creek located approximately 800m South of the proposed APO area. The drainage lines in the APO approval area are generally dry, with the area in general being arid with low and erratic rainfall. There are several drainages within the proposed drilling area, none of which will be affected by the drilling activities.

The nearest registered GW bore is GW009784 located 2.7km SE of southern edge of the approval area, the groundwater bore was drilled to 18.30m in 1961 with no intersecting ground water data available. It is expected that the proposed work program would have no impact on local groundwater.

Drilling will not be undertaken in extreme wet weather and so surface water will not be affected by this drilling program.

SUMPS: Above ground sumps used on the drill pad and water pumped to the proposed on central inground sump for all holes (for returned water and cuttings – recycled as appropriate), with location to be determined with assistance of landholder, however approx. location shown on the location map.

Wastewater and cuttings will pumped down the hill to the prepared sump due to the collar location being already in hard rock and excavation would be too difficult. The inground sump will be a max 36m3 (8m x 3m x 1.5m) to contain all fluids and cuttings. One end of sump ramped to allow ease of escape for any animals that may wander in.

Revised APO 12.4.24 notes: "Pumping from above ground sumps to inground sump will be via hose/poly pipe with connectors regularly checked for leaks. If required, above ground sumps will be emptied to a pod mounted on a vehicle to be transported and emptied to the inground sump."

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 not cause adverse impacts to livestock (including any adverse impacts on surface water supplies used by livestock).

Water used for access track watering must be obtained from licensed source or farm dams (with consent of owner).

Boreholes to be constructed, operated and decommissioned in accordance with authority/title conditions, Departmental Guidelines and Codes of Practice to protect groundwater/aquifers.

Duration

Short term

Application ranking			
What is the confidence in predicting impacts?	High	Are further studies	No
,		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	High Resilience	What is the	Low
cope with impacts?		level of	
		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification for	or ranking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Water Impacts: Impacts from storage of water	er	
Potential impacts	Negligible and only localised impacts from si temporarily not available for ecological, stoci minimal redirection of flow and changes to fl runoff can be sediment laden. Generally	k, domestic or irri ow rates and volu	

farm dams through landholder agreements).

produced water in drilling / deep excavation operations.

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No use of groundwater but potential loss through

Surface water should not be affected by the proposed activities. The nearest named watercourse is Georges Creek located approximately 800m South of the proposed APO area. The drainage lines in the APO approval area are generally dry, with the area in general being arid with low and erratic rainfall. There are several drainages within the proposed drilling area, none of which will be affected by the drilling activities.

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- 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?		studies		
		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	High Resilience	What is the	Low	
cope with impacts?		level of		
		public		
		concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
		potential		
		significance		
Can the impacts be mitigated?	Fully	Justification for ranking		
Do the operations comply with	Yes			
standards, plans, policies?				
Criteria	Water Impacts: Impacts from changes to nat	tural 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 depressurisation effects on surface water.			

Surface water should not be affected by the proposed activities. The nearest named watercourse is Georges Creek located approximately 800m South of the proposed APO area. The drainage lines in the APO approval area are generally dry, with the area in general being arid with low and erratic rainfall. There are several drainages within the proposed drilling area, none of which will be affected by the drilling activities.

The nearest registered GW bore is GW009784 located 2.7km SE of southern edge of the approval area, the groundwater bore was drilled to 18.30m in 1961 with no intersecting ground water data available. It is expected that the proposed work program would have no impact on local groundwater.

Drilling will not be undertaken in extreme wet weather and so surface water will not be affected by this drilling program.

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- 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).

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	Low
cope with impacts?		level of	
		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Water Impacts: Impacts from aquifer interfer	ence, including of	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.

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Surface water should not be affected by the proposed activities. The nearest named watercourse is Georges Creek located approximately 800m South of the proposed APO area. The drainage lines in the APO approval area are generally dry, with the area in general being arid with low and erratic rainfall. There are several drainages within the proposed drilling area, none of which will be affected by the drilling activities.

The nearest registered GW bore is GW009784 located 2.7km SE of southern edge of the approval area, the groundwater bore was drilled to 18.30m in 1961 with no intersecting ground water data available. It is expected that the proposed work program would have no impact on local groundwater.

Drilling will not be undertaken in extreme wet weather and so surface water will not be affected by this drilling program.

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Revised APO 12.4.24 notes: "Pumping from above ground sumps to inground sump will be via hose/poly pipe with connectors regularly checked for leaks. If required, above ground sumps will be emptied to a pod mounted on a vehicle to be transported and emptied to the inground sump."

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 groundwater/aquifers.

Duration	Short term		
Application ranking			
What is the confidence in	High	Are further	No
predicting impacts?		studies	
		required on	
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		mitigation?	
How resilient is the environment to	High Resilience	What is the	Low
cope with impacts?		level of	
		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Water Impacts: Impacts from changes to flooding or tidal regimes.		
Potential impacts	Negligible and only localised changes to drainage flows/flooding regime. Surface runoff can be sediment laden.		

Surface water should not be affected by the proposed activities. The nearest named watercourse is Georges Creek located approximately 800m South of the proposed APO area. The drainage lines in the APO approval area are generally dry, with the area in general being arid with low and erratic rainfall. There are several drainages within the proposed drilling area, none of which will be affected by the drilling activities.

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- 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).

Duration Short term Application ranking What is the confidence in High Are further predicting impacts? studies required on impacts or mitigation? How resilient is the environment to High Resilience What is the I ow cope with impacts? level of public concern? Can the impacts be reversed? Yes Ranking of Low potential significance Can the impacts be mitigated? Justification for ranking Fully Do the operations comply with standards, plans, policies? Criteria Water Impacts: Impacts from changes in surface or groundwater quality and quantity

Potential impacts

Water used for exploration temporarily not available for ecological, stock, domestic or irrigation purposes. Surface 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 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.

Surface water should not be affected by the proposed activities. The nearest named watercourse is Georges Creek located approximately 800m South of the proposed APO area. The drainage lines in the APO approval area are generally dry, with the area in general being arid with low and erratic rainfall. There are several drainages within the proposed drilling area, none of which will be affected by the drilling activities.

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- 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 sediment and erosion controls to be in accordance with Blue Book to minimise off-site impacts.

	impaoto.		
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	Low
cope with impacts?		level of	
		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification for	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Soil & Stability Impacts: Degradation of soil	quality (including	contamination, salinisation or
	acidification).		
Potential impacts	Soil erosion and sediment laden runoff from		· ·
	removed. Mobilisation of pollutants (such		
	of drilling wastes / overflow from drilling sumps. Exposure of acid sulfate soils. Soil		
	compaction from construction/operations. Impacts on land with high agricultural capability.		

There are no acid sulfate soils within this area.

The proposed drilling area is entirely within soil types 7 from the Land and Soil Capability Classification, which is classified as extremely severe limitations.

Due to the sensitivity of the soil, access and vehicle movement will be minimised where possible. Access tracks are already in place and further damage should be minimal. Close consultation with the landholder will be maintained throughout this program. Wind erosion will be assessed in consultation with the landholder prior to site access and mitigation measures considered.

Site prep for collars approx 20m x 10m for drill pads, total surface disturbance area of 1200m2, minimal clean up with landholders frontend loader to remove rocks, if required vegetation eq grasses and saplings, due diligence undertaken to avoid unnecessary clearance, holes relocated if required. Earthworks for one 8m x 3m x 1.5m inground sump at the base of the hill. Different surface soils will be stockpiled separately. At completion of works, the sump will be allowed to dry out and material will be backfilled in the order that it was removed and left slightly mounded to allow for settling. Existing farm tracks and open paddocks to access drill sites will be utilised, sections of new track will be cleared of rocks with a frontend loader to allow access to sites around the Bald Hill area, approx total surface disturbance 1294 m2 for all new tracks. The location of tracks will be approved with landholder and not occur in riparian zones or 200m of waters. Tracks will be rehabilitated to ensure root stock revegetating, should compaction occur the tracks and drill pads will be scarified, final rehab in accordance with landholders requirements. At drill hole completion, PVC collars cut 1m below surface if required backhoe to dig around collar for ease of access, a square heavy concrete paver placed onto the PVC cap covering the entire hole and overlapping. The hole is then backfilled and compacted leaving small mound over the disturbed area. Ongoing monitorina.

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).

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	Low
cope with impacts?		level of	
		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Soil & Stability Impacts: Impacts on land with	n high agricultura	I capability.
Potential impacts	Areas used for exploration activities, access	tracks, etc tempo	orarily not available for agricultural
	production. Temporary loss of use of land. Mobilisation of pollutants (such as		
	hydrocarbons) in soils, air or waters.		
	drilling sumps. Use of pesticides, herbicides, fertilisers or other chemicals have the potential to		
	build up residues in the environment, includi-		
	· ·		ff from disturbed areas, that could lead
	to soil or water contamination or land degrace		ure of acid sulfate soils. Spread of
	weeds, pest animals and animal/plant diseas	ses. Disruption	on to agricultural / livestock operations.

There are no acid sulfate soils within this area.

The proposed drilling area is entirely within soil types 7 from the Land and Soil Capability Classification, which is classified as extremely severe limitations.

Due to the sensitivity of the soil, access and vehicle movement will be minimised where possible. Access tracks are already in place and further damage should be minimal. Close consultation with the landholder will be maintained throughout this program. Wind erosion will be assessed in consultation with the landholder prior to site access and mitigation measures considered.

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EML from applicant 12.4.24 confirmed: "Drill sites have been selected in level terrain to minimise the inclination of the drilling rig and avoid the need for excavations for drill pad stabilisation. A light scrape zone to clear a pad will result in negligible amounts of material moved. The licensee is confident that sites are no greater than 18 degrees."

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.

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	Low
cope with impacts?		level of	
		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Soil & Stability Impacts: Loss of soil from wind or water erosion.		
Potential impacts	Increased risk of erosion where vegetation hareas.	nas been remove	d. Potential erosion of disturbed

There are no acid sulfate soils within this area.

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- a. Minimising vegetation clearing and surface disturbance.
- b. Prevent causing any land degradation or pollution/contamination of land or water.
- c. All sediment and erosion controls (including drainage from roads/access tracks) to be managed in accordance with Blue Book.
- d. Existing access tracks to be used/upgraded wherever possible.

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	Low
cope with impacts?		level of	
		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Soil & Stability Impacts: Loss of structural integrity of the soil.		
Potential impacts	Soil compaction from access traffic, use of plant and machinery. Soil erosion from disturbed areas / areas where vegetation has been removed. Mobilisation of pollutants (such as hydrocarbons) in soils		

There are no acid sulfate soils within this area.

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- 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.

	Impact generally little due to low traine no	TIDOIS AND SHOIL	term nature or exploration.
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	Low
cope with impacts?		level of	
		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Soil & Stability Impacts: Increased land instability with high risks from land slides or subsidence.		
Potential impacts	Minimal potential impacts. Soil erosion from disturbed areas / areas where vegetation has been		
	removed. Negligible impacts from induced seismicity or ground movements associated wit activity, extraction of groundwater, etc.		

There are no acid sulfate soils within this area.

The proposed drilling area is entirely within soil types 7 from the Land and Soil Capability Classification, which is classified as extremely severe limitations.

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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.

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	Low
cope with impacts?		level of	
		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Noise & Vibration Impacts: Results in increas	sed noise or vibra	ation.
Potential impacts	Noise from vehicles, plant and machinery re-	sults in unaccept	able impacts on nearby sensitive
	receivers, such as residences, educational establishments, medical facilities, places of worship,		
	animal boarding/training establishments, intensive livestock agriculture, etc. Percussion drilling		
	can have localised vibration impacts. Drilling unlikely to cause vibration impacts . Shots		
	have vibration and overpressure impacts which may impact vibration sensitive sites. Vibroseis		
	machinery has vibration impacts which may	impact vibration	sensitive sites.

Proposed management controls HRS OF OPS: 12hr shifts, 7 days a week There are no homesteads located within this part of the tenement or within 5km. There are no further sensitive receptors nearby. Mount George is the closest homestead located approx 5.2km SW from proposed drilling area. NOISE MGMT: Noise is not anticipated to be of concern with the proposed diamond drilling as this style of drilling does not generate excessive noise. Noise will only occur during daylight hours and landholders have been advised activity is planned and will be further notified once drilling commences. Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Implementing all practicable measures to ensure noise levels meet acceptable criteria for sensitive receivers. b. Notifying potentially affected landholders at least 24hrs prior to detonating explosives. c. Compliance with Interim Construction Noise Guidelines and/or EPL and/or landholder agreements. d. Ground vibration thresholds limited to 5 mm/s (peak particle velocity) at any residence/sensitive receiver. e. Ground vibration thresholds limited to 3 mm/s for any item of Aboriginal / European heritage significance or cliff line greater than 4m in height. f. Vibrating machinery not to be used within 200m of sensitive receivers, item/place of Aboriginal / European heritage significance or any cliff line greater than 4m in height. Impacts limited to immediate vicinity of exploration activity. 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 Low cope with impacts? level of public concern? Can the impacts be reversed? Ranking of Low potential significance Can the impacts be mitigated? Justification for ranking Fully Do the operations comply with Yes standards, plans, policies? Criteria Noise & Vibration Impacts: Affects sensitive receptors. Potential impacts Noise from vehicles, plant and machinery results in unacceptable impacts on nearby sensitive receivers, such as residences, educational establishments, medical facilities, places of worship, animal boarding/training establishments, intensive livestock agriculture, etc. Percussion drilling Drilling unlikely to cause vibration impacts . can have localised vibration impacts. Shots have vibration and overpressure impacts which may impact vibration sensitive sites. Vibroseis machinery has vibration impacts which may impact vibration sensitive sites.

Proposed management controls	HRS OF OPS: 12hr shifts, 7 days a week				
	There are no homesteads located within this part of the tenement or within 5km. There are no				
	further sensitive receptors nearby. Mount George is the closest homestead located approx 5.2km				
	SW from proposed drilling area. NOISE MGMT: Noise is not anticipated to be of concern with the proposed diamond drilling as this				
	style of drilling does not generate excessive noise. Noise will only occur during daylight hours and				
	landholders have been advised activity is planned and will be further notified once drilling				
	commences.	and win bo	rataior ricanea orice arming		
	Activities must comply with CEA Location Re	estrictions, Impac	t Thresholds and Criteria.		
	Activities must comply with (Exploration Cod	e of Practice: En	vironmental Management) as per the		
	commitment in the application (APO). Relev				
	a. Implementing all practicable measures to	ensure noise leve	els meet acceptable criteria for		
	sensitive receivers.				
	b. Notifying potentially affected landholders a c. Compliance with Interim Construction Nois				
	agreements.	se Guidellilles all	d/of Lf L and/of landfolder		
	d. Ground vibration thresholds limited to 5 m	m/s (peak particl	e velocity) at any residence/sensitive		
	receiver.		,, ,		
	e. Ground vibration thresholds limited to 3 m	m/s for any item	of Aboriginal / European heritage		
	significance or cliff line greater than 4m in he				
	f. Vibrating machinery not to be used within 2 European heritage significance or any cliff lir	zoom of sensitive ne greater than 4	m in height.		
	Lorenzo de Montas de Como de Maria de Como de				
Duration	Impacts limited to immediate vicinity of explo	ration activity.			
Application ranking	Short term				
What is the confidence in	High	Are further	No		
predicting impacts?		studies			
		required on			
		impacts or			
Harris Manak to the construction of the	Lifet Designation	mitigation?	Law		
How resilient is the environment to cope with impacts?	High Resilience	What is the level of	Low		
cope with impacts:		public			
		concern?			
Can the impacts be reversed?	Yes	Ranking of	Low		
		potential			
0 11 1 11 11 11 11	significance				
Can the impacts be mitigated?	Fully Justification for ranking Yes				
Do the operations comply with standards, plans, policies?					
Criteria	Coastal Location & Processes: Affects coast	al processes and	coastal hazards, including those		
	under projected climate change conditions.				
Potential impacts	Activities along the coastline / floodways have				
	levels and increased storm activity under pro		nange conditions could result in		
Droposed management centrals	increased erosion along the coastline / floodways).				
Proposed management controls	NA - proposed activity not within coastal loca	111011			
	Activities must comply with CEA Location Re	estrictions, Impac	t Thresholds and Criteria.		
	Activities must comply with (Exploration Cod	e of Practice: En	vironmental Management) as per the		
	commitment in the application (APO). Relev				
	a. Activities must implement all measures to				
	or quantity.				
	b. All sediment and erosion controls (including drainage from roads/access tracks) to be managed in accordance with Blue Book.				
	CO2 emissions from activities are extremely limited and 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 rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity (including sealing of any boreholes).				
Duration	Short term				
Application ranking					
What is the confidence in	High	Are further	No		
predicting impacts?		studies required on			
		impacts or			
		mitigation?			

How resilient is the environment to cope with impacts?	High Resilience	What is the level of public	Low	
		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	- Guotinioution i	or running	
Criteria	Hazardous substances or chemicals: Impacts associated with the use, generation, storage or transport of hazardous substances or chemicals.			
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	Diesel fuel is the only anticipated hydrocarbon to be used on site. It will be transported to site in a dedicated diesel tank mounted on an auxiliary drill vehicle. Matting will be placed under the drill rig to catch any minor oil leaks. A spill kit will always be on site and minor spills will be cleaned up and waste material removed from site and disposed of at the nearest appropriately licensed waste facility. Biodegradable drilling muds to be utilised with the diamond drilling. 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. Preventing contamination of the environment by the release of chemicals, fuels, other potential pollutants. b. Preventing any land degradation or pollution/contamination of land or water. c. Controls on sumps and management of chemicals to significantly reduce risk to environment. d. Use of pesticides, herbicides, fertilisers or other chemicals must comply with legislative requirements. e. Wastes+A34 (including any drilling by-products) to be collected, segregated and disposed of lawfully. 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).			
Duration	Practice: Rehabilitation). Rehabilitation to oc Short term	cui as soon as p	riacticable after completion of activity.	
	OHOR GIII			
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?	Low	
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	Wastes & Emissions: Impacts to the environ wastes.	 ment resulting fro	om the generation or disposal of	
Potential impacts	Mobilisation of pollutants (such as hydrocarbons) in soils, air or waters. Inappropriate disposal of drilling wastes / overflow from drilling sumps. Fugitive emissions of gases or vapour from drilling operations or the operation of flares. Use of pesticides, herbicides, fertilisers or other chemicals have the potential to build up residues in the environment, including in soils and water.			

Waste products such as drill cuttings expected to be minor will be placed back down the hole, drill core to be moved from site to a Company storage facility at Broken Hill, any rubbish will be taken to the nearest appropriately licensed waste facility. The collar will be capped and area made safe with all rubbish and drilling equipment removed from site at end of drilling program. Waste water in the central inground sump will be allowed to dry out and material will be backfilled in the order that it was removed and left slightly mounded to allow for settling.

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. Preventing contamination of the environment by the release of chemicals, fuels, other potential pollutants.
- b. Preventing any land degradation or pollution/contamination of land or water.
- c. Controls on sumps and management of chemicals to significantly reduce risk to environment.
- d. Use of pesticides, herbicides, fertilisers or other chemicals must comply with legislative requirements.
- e. Wastes (including any drilling by-products) to be collected, segregated and disposed of lawfully.

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).

	Fractice. Renabilitation). Renabilitation to oc	icui as soon as p	racticable after completion of activity.	
Duration	Short term			
Application ranking				
What is the confidence in predicting impacts?	High	Are further studies required on	No	
		impacts or mitigation?		
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	Low	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Fully	Justification f	or ranking	
Do the operations comply with standards, plans, policies?	Yes			
Criteria	Wastes & Emissions: Impacts on drinking water catchments, wetlands, natural water bodies, riparian zones or flood prone areas.			
Potential impacts	Negligible and only localised changes to drainage flows/flooding regime. Water used for exploration temporarily not available for ecological, stock, domestic or irrigation purposes. Surface 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 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.			

Waste products such as drill cuttings expected to be minor will be placed back down the hole, drill core to be moved from site to a Company storage facility at Broken Hill, any rubbish will be taken to the nearest appropriately licensed waste facility. The collar will be capped and area made safe with all rubbish and drilling equipment removed from site at end of drilling program. Waste water in the central inground sump will be allowed to dry out and material will be backfilled in the order that it was removed and left slightly mounded to allow for settling.

SUMPS: Above ground sumps used on the drill pad and water pumped to the proposed on central inground sump for all holes (for returned water and cuttings – recycled as appropriate), with location to be determined with assistance of landholder, however approx. location shown on the location map.

Wastewater and cuttings will pumped down the hill to the prepared sump due to the collar location being already in hard rock and excavation would be too difficult. The inground sump will be a max 36m3 (8m x 3m x 1.5m) to contain all fluids and cuttings. One end of sump ramped to allow ease of escape for any animals that may wander in.

Revised APO 12.4.24 notes: "Pumping from above ground sumps to inground sump will be via hose/poly pipe with connectors regularly checked for leaks. If required, above ground sumps will be emptied to a pod mounted on a vehicle to be transported and emptied to the inground sump."

Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria.

Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include:

- a. Activities must implement all measures to prevent causing any adverse impacts on water quality or quantity.
- b. All sediment and erosion controls (including drainage from roads/access tracks) to be managed in accordance with Blue Book.

All management and storage of produced water must comply with the title conditions. In addition, the Exploration Code of Practice: Produced Water Management, Storage and Transfer applies to i. petroleum exploration which requires the management of produced water, or

ii. activities which require produced water to be stored on site (excluding the management of incidental groundwater mixed with drilling fluids that can be temporarily contained in drilling sumps or above ground tanks).

	Practice: Renabilitation). Renabilitation to occur as soon as practicable after completion of activity.		
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	Low
cope with impacts?		level of	
		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Wastes & Emissions: Impacts on groundwat	er recharge area	s or areas with high water table.
Potential impacts	Minimal impact on recharge and salinity. 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. Inappropriate disposal of drilling wastes / overflow from drilling sumps. Vegetation clearance in recharge areas can increase salinity. Acid drainage due to exposure of acid sulfate soils.		

Waste products such as drill cuttings expected to be minor will be placed back down the hole, drill core to be moved from site to a Company storage facility at Broken Hill, any rubbish will be taken to the nearest appropriately licensed waste facility. The collar will be capped and area made safe with all rubbish and drilling equipment removed from site at end of drilling program. Waste water in the central inground sump will be allowed to dry out and material will be backfilled in the order that it was removed and left slightly mounded to allow for settling.

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Revised APO 12.4.24 notes: "Pumping from above ground sumps to inground sump will be via hose/poly pipe with connectors regularly checked for leaks. If required, above ground sumps will be emptied to a pod mounted on a vehicle to be transported and emptied to the inground sump."

Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria.

Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Activities must implement all measures to prevent causing any adverse impacts on water quality or quantity.

All management and storage of produced water must comply with the title conditions. In addition, the Exploration Code of Practice: Produced Water Management, Storage and Transfer applies to i. petroleum exploration which requires the management of produced water, or ii. activities which require produced water to be stored on site (excluding the management of incidental groundwater mixed with drilling fluids that can be temporarily contained in drilling sumps or above ground tanks).

Boreholes to be constructed, operated and decommissioned in accordance with authority/title conditions, Departmental Guidelines and Codes of Practice to protect groundwater/aquifers. Drill holes to be cased where aquifers intercepted (minimal impact on recharge and salinity).

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	Low	
cope with impacts?		level of		
		public		
		concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
		potential		
		significance		
Can the impacts be mitigated?	Fully	Justification f	or ranking	
Do the operations comply with	Yes			
standards, plans, policies?				
Criteria	Wastes and Emissions: Impacts on coastlines or dunes, alpine areas, karst features or other unique landforms.			
Potential impacts	Negligible and only localised impacts on union	que landforms.	Mobilisation of pollutants in soils,	
	surface water or aquifers. Short term noise, air quality and visual impacts. Particulate			
	emissions from plant and machinery; fugitive emissions of gases or vapour from drilling operations			
	and the operation of flares. 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/p		Damage to structures and sensitive	
	features, such as unique landforms. Acti			
	to exacerbate coastal erosion (rising sea lev			
	change conditions could result in increased erosion along the coastline / floodways).			

Proposed management controls	Activity not within coastlines or dunes, alpine areas, karst features or other unique landforms.				
	Waste products such as drill cuttings expected to be minor will be placed back down the hole, drill core to be moved from site to a Company storage facility at Broken Hill, any rubbish will be taken to the nearest appropriately licensed waste facility. The collar will be capped and area made safe with all rubbish and drilling equipment removed from site at end of drilling program. Waste water in the central inground sump will be allowed to dry out and material will be backfilled in the order that it was removed and left slightly mounded to allow for settling.				
	Impact limited to activity site and subject to compensation and landholder access arrangements.				
	Activities must comply with CEA Location Re	estrictions, Impac	ct Thresholds and Criteria.		
	Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO).				
	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?	Low		
Can the impacts be reversed?	Yes	Ranking of potential significance	Low		
Can the impacts be mitigated?	Fully	Justification f	or ranking		
Do the operations comply with standards, plans, policies?	Yes		•		
Criteria	Wastes & Emissions: Impacts on erosion prone areas, areas with slopes of greater than 18 degrees.				
Potential impacts	Minimal potential impacts. Soil erosion and sediment laden runoff from disturbed areas / areas where vegetation has been removed. Mobilisation of pollutants (such as hydrocarbons) in soils. Riverbed / riparian zone disturbance from use of poorly constructed or maintained river crossings.				

WASTE: Waste products such as drill cuttings expected to be minor will be placed back down the hole, drill core to be moved from site to a Company storage facility at Broken Hill, any rubbish will be taken to the nearest appropriately licensed waste facility. The collar will be capped and area made safe with all rubbish and drilling equipment removed from site at end of drilling program. Waste water in the central inground sump will be allowed to dry out and material will be backfilled in the order that it was removed and left slightly mounded to allow for settling.

SUMPS: Above ground sumps used on the drill pad and water pumped to the proposed on central inground sump for all holes (for returned water and cuttings – recycled as appropriate), with location to be determined with assistance of landholder, however approx. location shown on the location map.

Wastewater and cuttings will pumped down the hill to the prepared sump due to the collar location being already in hard rock and excavation would be too difficult. The inground sump will be a max 36m3 (8m x 3m x 1.5m) to contain all fluids and cuttings. One end of sump ramped to allow ease of escape for any animals that may wander in.

Revised APO 12.4.24 notes: "Pumping from above ground sumps to inground sump will be via hose/poly pipe with connectors regularly checked for leaks. If required, above ground sumps will be emptied to a pod mounted on a vehicle to be transported and emptied to the inground sump."

EML from applicant 12.4.24 confirmed: "Drill sites have been selected in level terrain to minimise the inclination of the drilling rig and avoid the need for excavations for drill pad stabilisation. A light scrape zone to clear a pad will result in negligible amounts of material moved. The licensee is confident that sites are no greater than 18 degrees."

Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. CEA not permitted on slopes exceeding 18 degrees.

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.

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	Low
cope with impacts?		level of	
		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Wastes & Emissions: Impacts on subsidence or slip areas.		
Potential impacts	Soil erosion from disturbed areas / areas where vegetation has been removed may increase risk of		
	slips. Drilling operations unlikely to contribute to slips or subsidence.		

WASTE: Waste products such as drill cuttings expected to be minor will be placed back down the hole, drill core to be moved from site to a Company storage facility at Broken Hill, any rubbish will be taken to the nearest appropriately licensed waste facility. The collar will be capped and area made safe with all rubbish and drilling equipment removed from site at end of drilling program. Waste water in the central inground sump will be allowed to dry out and material will be backfilled in the order that it was removed and left slightly mounded to allow for settling.

SUMPS: Above ground sumps used on the drill pad and water pumped to the proposed on central inground sump for all holes (for returned water and cuttings – recycled as appropriate), with location to be determined with assistance of landholder, however approx. location shown on the location map.

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EML from applicant 12.4.24 confirmed: "Drill sites have been selected in level terrain to minimise the inclination of the drilling rig and avoid the need for excavations for drill pad stabilisation. A light scrape zone to clear a pad will result in negligible amounts of material moved. The licensee is confident that sites are no greater than 18 degrees."

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.

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	Low
cope with impacts?		level of	
		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Wastes & Emissions: Impacts on areas with acid sulphate, sodic or highly permeable soils.		
Potential impacts	Vegetation removal unlikely to exacerbate acid sulfate or sodicity issues.		
	unlikely to exacerbate acid sulfate or sodicity issues. Soil erosion and sediment laden runoff		
	from disturbed areas / areas where vegetation has been removed.		

Duration

WASTE: Waste products such as drill cuttings expected to be minor will be placed back down the hole, drill core to be moved from site to a Company storage facility at Broken Hill, any rubbish will be taken to the nearest appropriately licensed waste facility. The collar will be capped and area made safe with all rubbish and drilling equipment removed from site at end of drilling program. Waste water in the central inground sump will be allowed to dry out and material will be backfilled in the order that it was removed and left slightly mounded to allow for settling.

SOILS: There are no acid sulfate soils within this area.

The proposed drilling area is entirely within soil types 7 from the Land and Soil Capability Classification, which is classified as extremely severe limitations.

Due to the sensitivity of the soil, access and vehicle movement will be minimised where possible. Access tracks are already in place and further damage should be minimal. Close consultation with the landholder will be maintained throughout this program. Wind erosion will be assessed in consultation with the landholder prior to site access and mitigation measures considered.

EML from applicant 12.4.24 confirmed: "Drill sites have been selected in level terrain to minimise the inclination of the drilling rig and avoid the need for excavations for drill pad stabilisation. A light scrape zone to clear a pad will result in negligible amounts of material moved. The licensee is confident that sites are no greater than 18 degrees."

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.

Short term

- b. Prevent causing any land degradation or pollution/contamination of land or water.
- c. All sediment and erosion controls (including drainage from roads/access tracks) to be managed in accordance with Blue Book.
- d. Existing access tracks to be used/upgraded wherever possible.
- e. Controls on sumps and management of chemicals to significantly reduce risk to soils.

All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity.

Impacts generally limited due to low traffic numbers and short term nature of exploration.

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?	Low	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Fully	Justification f	or ranking	
Do the operations comply with standards, plans, policies?	Yes			
Criteria	Wastes & Emissions: Impacts on areas with salinity or potential salinity problems.			
Potential impacts	Activities unlikely to exacerbate salinity problems. Vegetation removal may reduce vegetation drawdown of water table. Spills of saline produced water. Vegetation removal unlikely to exacerbate acid sulfate or sodicity issues. Soil erosion and sediment laden runoff from disturbed areas / areas where vegetation has been removed.			

SOILS: There are no acid sulfate soils within this area.

The proposed drilling area is entirely within soil types 7 from the Land and Soil Capability Classification, which is classified as extremely severe limitations.

Due to the sensitivity of the soil, access and vehicle movement will be minimised where possible. Access tracks are already in place and further damage should be minimal. Close consultation with the landholder will be maintained throughout this program. Wind erosion will be assessed in consultation with the landholder prior to site access and mitigation measures considered.

Waste products such as drill cuttings expected to be minor will be placed back down the hole, drill core to be moved from site to a Company storage facility at Broken Hill, any rubbish will be taken to the nearest appropriately licensed waste facility. The collar will be capped and area made safe with all rubbish and drilling equipment removed from site at end of drilling program. Waste water in the central inground sump will be allowed to dry out and material will be backfilled in the order that it was removed and left slightly mounded to allow for settling.

Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria.

Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include:

- a. Minimising vegetation clearing and surface disturbance.
- b. Prevent causing any land degradation or pollution/contamination of land or water.
- c. All sediment and erosion controls (including drainage from roads/access tracks) to be managed in accordance with Blue Book.
- d. Controls on sumps and management of chemicals to significantly reduce risk to soils.

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	Low	
cope with impacts?		level of		
		public		
		concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
		potential		
		significance		
Can the impacts be mitigated?	Fully	Justification for	or 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 existing contaminated soils or migration of contaminants.			
·	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 sum		e of acid sulfate soils. Soil	
	compaction from construction / operations.		moval unlikely to have any impact on	
	contaminated soils.			

Waste products such as drill cuttings expected to be minor will be placed back down the hole, drill core to be moved from site to a Company storage facility at Broken Hill, any rubbish will be taken to the nearest appropriately licensed waste facility. The collar will be capped and area made safe with all rubbish and drilling equipment removed from site at end of drilling program. Waste water in the central inground sump will be allowed to dry out and material will be backfilled in the order that it was removed and left slightly mounded to allow for settling.

SOILS: There are no acid sulfate soils within this area.

The proposed drilling area is entirely within soil types 7 from the Land and Soil Capability Classification, which is classified as extremely severe limitations.

Due to the sensitivity of the soil, access and vehicle movement will be minimised where possible. Access tracks are already in place and further damage should be minimal. Close consultation with the landholder will be maintained throughout this program. Wind erosion will be assessed in consultation with the landholder prior to site access and mitigation measures considered.

Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria.

Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include:

- a. Minimising vegetation clearing and surface disturbance.
- b. Prevent causing any land degradation or pollution/contamination of land or water.
- c. All sediment and erosion controls (including drainage from roads/access tracks) to be managed in accordance with Blue Book.
- d. Controls on sumps and management of chemicals to significantly reduce risk to soils.

All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity.

Impacts generally limited due to short term nature of exploration. Activity unlikely to exacerbate any existing contamination.

	existing contamination.		
Duration	Short term		
Application ranking			
What is the confidence in predicting impacts?	High	Are further studies	No
		required on impacts or mitigation?	
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	Low
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification for	or ranking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Wastes & Emissions: Impacts on areas with degraded or contaminated water (ground or surface).		
Potential impacts	Activities unlikely to have any additional impacts on areas with existing degraded or contaminated water (ground or surface). Boreholes to be cased when aquifers intercepted. Surface runoff can be sediment laden from areas where vegetation has been removed. Interception, cross contamination and/or depressurisation of groundwater systems in drilling operations. Groundwater depressurisation effects on surface water. Mobilisation of pollutants (such as hydrocarbons) in surface water or aquifers. Inappropriate disposal of drilling wastes / overflow from drilling sumps. Excavations excluded from acid sulfate soils.		

Waste products such as drill cuttings expected to be minor will be placed back down the hole, drill core to be moved from site to a Company storage facility at Broken Hill, any rubbish will be taken to the nearest appropriately licensed waste facility. The collar will be capped and area made safe with all rubbish and drilling equipment removed from site at end of drilling program. Waste water in the central inground sump will be allowed to dry out and material will be backfilled in the order that it was removed and left slightly mounded to allow for settling.

SUMPS: Above ground sumps used on the drill pad and water pumped to the proposed on central inground sump for all holes (for returned water and cuttings – recycled as appropriate), with location to be determined with assistance of landholder, however approx. location shown on the location map.

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Revised APO 12.4.24 notes: "Pumping from above ground sumps to inground sump will be via hose/poly pipe with connectors regularly checked for leaks. If required, above ground sumps will be emptied to a pod mounted on a vehicle to be transported and emptied to the inground sump."

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 sediment and erosion controls to be in accordance with Blue Book to minimise off-site impacts.

Boreholes to be constructed, operated and decommissioned 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 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).

Activities unlikely to exacerbate any existing surface or groundwater contamination.

	Their rides drinkery to exacerbate any exicting editate of great awater contamination.			
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	Low	
cope with impacts?		level of		
		public		
		concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
		potential		
		significance		
Can the impacts be mitigated?	Fully	Justification for ranking		
Do the operations comply with	Yes			
standards, plans, policies?				
Criteria	Vegetation: Any clearing or modification of vegetation (including impacts on wildlife corridors,			
	remnant vegetation & habitat for species of conservation significance).			

Potential impacts	Vegetation removal can decrease available foraging/ sheltering/ breeding habitat for species and displace species from regular place of residence. Impacts on vegetation species and ecological communities. Vegetation removal and activities can temporarily impact wildlife corridors and remnant vegetation. Areas used for exploration activities, access tracks, etc not available for fauna habitat. Mobilisation of pollutants (such as hydrocarbons) in soils, air or waters can potentially impact fauna. Drilling sumps can be a hazard for fauna. 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 and air quality 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.			
Proposed management controls	VEGETATION: There is sparse vegetation within the proposed APO approval area, with minimal shrubs/trees occurring within drainage lines. Any areas of veg will be avoided, and no veg will be disturbed for this drilling program. There are several hills and ridges within this region, topography is both flat and hilly with occasional drainage channels that will be avoided for this program.			
	EML from applicant 12.4.24 confirmed: "Drill sites have been selected in level terrain to minimise the inclination of the drilling rig and avoid the need for excavations for drill pad stabilisation. A light scrape zone to clear a pad will result in negligible amounts of material moved. The licensee is confident that sites are no greater than 18 degrees."			
	**Advice from BCS 18.4.24 confirmed: "While the areas proposed for drilling potentially support native vegetation there is no indication of the presence of threatened species or communities on the site. BCS recommends that the proposed drilling application avoid removing any trees. By flexible micro siting it should be possible to achieve this and so reduce the likelihood of disturbance to biodiversity. Any potential risk to threatened entities like the Acacia loderi TEC should thus be avoided. A Test of Significance would not be necessary if this was done."			
	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				
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No	
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	Uncertain	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Fully	Justification f	or ranking	
Do the operations comply with standards, plans, policies?	Yes			
Criteria	Threatened Fauna Species: Any adverse effect on the life cycle of any threatened species such that a viable local population of the species is likely to be placed at risk of extinction.			
Potential impacts	No impacts. CEA impact thresholds apply. An activity cannot be a CEA if it: 1. occurs on land declared as areas of outstanding biodiversity value / critical habitat, 2. has a significant effect on threatened species or ecological communites, or their habitats.			

Proposed management controls	VEGETATION: There is sparse vegetation within the proposed APO approval area, with minimal shrubs/trees occurring within drainage lines. Any areas of veg will be avoided, and no veg will be disturbed for this drilling program. There are several hills and ridges within this region, topography is both flat and hilly with occasional drainage channels that will be avoided for this program.			
	SEED search 8/4/24: no land zoning as within unincorporated – Far West Area (no LGA). Within Mulga land system, Land and Soil capability 7. Crown Land (WLL). Bushfire prone land Veg Cat 3 – Med risk. PCT 155, PCT 139, PCT 136 and PCT 123. PCT 155 related to Acacia loderi shrublands (10017) – NSW listed Endangered Ecological community.			
	EML from applicant 12.4.24 confirmed: "Drill sites have been selected in level terrain to minimise the inclination of the drilling rig and avoid the need for excavations for drill pad stabilisation. A light scrape zone to clear a pad will result in negligible amounts of material moved. The licensee is confident that sites are no greater than 18 degrees."			
Duration	**Advice from BCS 18.4.24 confirmed: "While the areas proposed for drilling potentially support native vegetation there is no indication of the presence of threatened species or communities on the site. BCS recommends that the proposed drilling application avoid removing any trees. By flexible micro siting it should be possible to achieve this and so reduce the likelihood of disturbance to biodiversity. Any potential risk to threatened entities like the Acacia loderi TEC should thus be avoided. A Test of Significance would not be necessary if this was done."			
	N/A			
Application ranking What is the confidence in predicting impacts?	N/A	Are further studies required on impacts or mitigation?	N/A	
How resilient is the environment to cope with impacts?	N/A	What is the level of public concern?	Low	
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	Threatened Flora Species: Any adverse effe	et on the life evel	a of any threatened species such that	
Ontena	a viable local population of the species is like			
Potential impacts	No impacts. CEA impact thresholds apply. An activity cannot be a CEA if it: 1. occurs on land declares as areas of outstanding biodiversity value or critical habitat, 2. has a significant effect on any threatened species or ecological communities, or their habitats.			
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Duration	N/A			
Application ranking	N/A	A 5 11	LAMA	
What is the confidence in predicting impacts?	N/A	Are further studies required on impacts or mitigation?	N/A	

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etc can interrupt movement of fauna species.		etc can interrupt movement of fauna species		,		

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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.

	Practice. Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity.			
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	Low	
cope with impacts?		level of		
		public		
		concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
		potential		
		significance		
Can the impacts be mitigated?	Fully	Justification for ranking		
Do the operations comply with	Yes			
standards, plans, policies?				
Criteria	Habitat of a threatened species or ecological community			
Potential impacts	Potential impacts limited due to CEA impact threshold restrictions. CEAs are not permitted to occur in areas of outstanding biodiversity value or critical habitat. CEAs are not permitted to have a significant impact on threatened fauna or flora species or ecological communities (or their habitats). (Also refer to flora and fauna impact tables).			

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cross contamination and/or depressurisation of groundwater systems in drilling operations.

Inappropriate disposal of drilling wastes / overflow from drilling sumps

e water. Mobilisation of pollutants (such as Ford across creeks can cause stream bank erosion

	avoided. A rest of digitilicance would not be necessary if this was done.			
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	Low	
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 ranking		
Do the operations comply with	N/A			
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 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 potential loss through produced water in drilling / deep excavation operations. Interception,			

Groundwater depressurisation effects on surface water.

hydrocarbons) in surface water or aquifers.

from vehicle wash.

Proposed management controls	Surface water should not be affected by the proposed activities. The nearest named watercourse is Georges Creek located approximately 800m South of the proposed APO area. The drainage lines in the APO approval area are generally dry, with the area in general being arid with low and erratic rainfall. There are several drainages within the proposed drilling area, none of which will be affected by the drilling activities. Drilling will not be undertaken in extreme wet weather and so surface water will not be affected by this drilling program. 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. 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.			
Duration	Short term			
Application ranking	Short term			
What is the confidence in	High	Are further	No	
predicting impacts?	nigri	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?	Low	
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			
Criteria	Key Threatening Processes: As outlined in Schedule 4 of Biodiversity Conservation Act 2016. Includes: a. alteration, removal, clearly or degradation of habitat and native vegetation b. loss of hollow bearing trees c. removal of dead wood and dead trees d. invasion and establishment of exotic species.			
Potential impacts	Vegetation removal can harm threatened species or reduce local abundance of species. Areas cleared for exploration activities, access tracks, etc not available for flora habitat. Mobilisation of 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, pest animals and animal/plant diseases.			

VEGETATION: There is sparse vegetation within the proposed APO approval area, with minimal shrubs/trees occurring within drainage lines. Any areas of veg will be avoided, and no veg will be disturbed for this drilling program. There are several hills and ridges within this region, topography is both flat and hilly with occasional drainage channels that will be avoided for this program.

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Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria.

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- 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.

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	Low	
cope with impacts?		level of		
		public		
		concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
		potential		
		significance		
Can the impacts be mitigated?	Fully	Justification for ranking		
Do the operations comply with	Yes			
standards, plans, policies?				
Criteria	Barriers to movement of fauna: Any potential to endanger, displace or disturb fauna (including fauna			
B 4 41 11 4	of conservation significance) or create a barrier to their movement.			
Potential impacts	Vegetation removal can decrease available foraging/ sheltering/ breeding habitat for species and			
	displace species from regular place of residence. Access tracks can act as a barrier to			
	movement of small fauna species. Fauna crossing access tracks may be killed or injured if hit by			
	vehicles. Vegetation removal can remove connective corridors used for wildlife movement.			
	Areas used for exploration activities, access tracks, etc not available for fauna habitat.			
	Mobilisation of pollutants (such as hydrocarbons) in soils, air or waters can potentially impact fauna.			
	Drilling sumps can be a hazard for fauna. 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 and air quality impacts. Soil erosion and sediment laden runoff from disturbed			
	areas, that could lead to soil or water contamination or land degradation. Spread of weeds, pest			
	animals and animal/plant diseases.			

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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	High	Are further	No
predicting impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	High Resilience	What is the	Low
cope with impacts?		level of	
		public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification f	or ranking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Ecological & Biosecurity Impacts: Any threat to the biological diversity or ecological integrity of an ecological community.		
Potential impacts	to build up residues in the environment, included areas, that could	ence. Areas itat. Mobilisat entially impact far bicides, fertilisers uding in soils and lead to soil or will weeds, pest anii or injured if hit by	used for exploration activities, access ion of pollutants (such as una / flora. Drilling sumps can be a sor other chemicals have the potential water. Soil erosion and sediment ater contamination or land degradation. mals and animal/plant diseases.

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- b. Prevent adverse impacts to fauna caused by vegetation clearing, including relocation of resident fauna.
- c. Setbacks from steep slopes/cliffs to limit impact of shots on cave dwelling fauna.

Noise impacts / disruption to fauna are temporary. Vehicle movements are limited and unlikely to have significant injury/mortality impacts.

All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity.

	Practice: Renabilitation). Renabilitation 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?	Low
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Partly	Justification for	or ranking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Ecological & Biosecurity Impacts: Creates a biosecurity risk or introduces genetically modified organisms into an area. Includes impacts from the introduction of: a. mobilisation of pollutants b. animal pests, c. plant pests and diseases, d. animal diseases, e. noxious weeds, or f. genetically modified organisms.		
Potential impacts	residues in the environment, including in soil	isers or other che ls and water.	emicals have the potential to build up

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SEED search 8/4/24: no land zoning as within unincorporated – Far West Area (no LGA). Within Mulga land system, Land and Soil capability 7. Crown Land (WLL). Bushfire prone land Veg Cat 3 – Med risk.

PCT 155, PCT 139, PCT 136 and PCT 123. PCT 155 related to Acacia loderi shrublands (10017) – NSW listed Endangered Ecological community.

EML from applicant 12.4.24 confirmed: "Drill sites have been selected in level terrain to minimise the inclination of the drilling rig and avoid the need for excavations for drill pad stabilisation. A light scrape zone to clear a pad will result in negligible amounts of material moved. The licensee is confident that sites are no greater than 18 degrees."

**Advice from BCS 18.4.24 confirmed: "While the areas proposed for drilling potentially support native vegetation there is no indication of the presence of threatened species or communities on the site. BCS recommends that the proposed drilling application avoid removing any trees. By flexible micro siting it should be possible to achieve this and so reduce the likelihood of disturbance to biodiversity. Any potential risk to threatened entities like the Acacia loderi TEC should thus be avoided. A Test of Significance would not be necessary if this was done."

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. Requirement to prevent introduction and spread of weeds, pest animals & animal and plant diseases (required to implement "come clean, go clean" protocols).

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 which may include additional mitigation measures to manage land.

	measures to manage land.			
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	Low	
cope with impacts?		level of		
		public		
		concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
		potential		
		significance		
Can the impacts be mitigated?	Fully	Justification for ranking		
Do the operations comply with	Yes			
standards, plans, policies?				
Criteria	Ecological & Biosecurity Impacts: Likely to c	ause a significan	t bushfire risk.	
Potential impacts	Plant and machinery comprises a potential i	gnition source.		

Proposed management controls VEGETATION: There is sparse vegetation within the proposed APO approval area, with minimal shrubs/trees occurring within drainage lines. Any areas of veg will be avoided, and no veg will be disturbed for this drilling program. There are several hills and ridges within this region, topography is both flat and hilly with occasional drainage channels that will be avoided for this program. SEED search 8/4/24: no land zoning as within unincorporated - Far West Area (no LGA). Within Mulga land system, Land and Soil capability 7. Crown Land (WLL). Bushfire prone land Veg Cat 3 - Med risk. PCT 155, PCT 139, PCT 136 and PCT 123. PCT 155 related to Acacia loderi shrublands (10017) -NSW listed Endangered Ecological community. EML from applicant 12.4.24 confirmed: "Drill sites have been selected in level terrain to minimise the inclination of the drilling rig and avoid the need for excavations for drill pad stabilisation. A light scrape zone to clear a pad will result in negligible amounts of material moved. The licensee is confident that sites are no greater than 18 degrees." 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 undertaking a risk assessment and implementing suitable controls to manage risks (e.g. implementation of controls on activities during Extreme or Catastrophic Fire Conditions will largely negate risk). Activities must comply with WHS legislative requirements. Any existing/proposed access tracks can be used as firebreaks in event of fire. Duration Short term Application ranking What is the confidence in Are further High Nο predicting impacts? studies required on impacts or mitigation? How resilient is the environment to High Resilience What is the Low cope with impacts? level of public concern? Ranking of Can the impacts be reversed? Yes Low potential significance Can the impacts be mitigated? Justification for ranking Fully Do the operations comply with standards, plans, policies? Community Resources: Any degradation of infrastructure or significant increase in the demand for Criteria services and infrastructure resources. Potential impacts Limited potential for any significant increase in demand for resources. Negligible potential for degradation of infrastructure, such as roads and bridges **Proposed management controls** Negligible impacts likely. Activity proposed on private land, with access agreement in place with landholder. Short term, low impact 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) including 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** 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 Low 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	- Custilloution I	Or runking		
standards, plans, policies?	100				
Criteria	Community Resources: Any diversion of resources to the detriment of other communities or natura systems.				
Potential impacts	Limited potential for any significant diversion of resources to the detriment of other communities or natural systems. Negligible impacts and only localised changes. Areas used for exploration activities, temporarily removed from natural systems and / community use.				
Proposed management controls	Negligible impacts likely.	as agreement in r	aloop with landholder		
	Activity proposed on private land, with acce Short term, low impact				
	VEGETATION: There is sparse vegetation of shrubs/trees occurring within drainage lines disturbed for this drilling program. There are both flat and hilly with occasional drainage of	. Any areas of ve e several hills and	g will be avoided, and no veg will be ridges within this region, topography is		
	MNES Report dated 16/1/24: Critically endangered Plains-wande	rer likely to occur	within area		
	 Endangered Frankenia plicata (plar 	ıt) likely to occur ı	within area.		
	The link in the MNES report states the Plair NSW).	is Wanderer spec	ies are endangered and not critical for		
	Areas of drilling are relatively open, and veg species are anticipated to be of significant c works. There are no threatened ecological of	oncern based on	the temporary nature of the proposed		
	SEED search 8/4/24: no land zoning as within unincorporated – Far West Area (no LGA). Within Mulga land system, Land and Soil capability 7. Crown Land (WLL). Bushfire prone land Veg Cat 3 – Med risk.				
	PCT 155, PCT 139, PCT 136 and PCT 123. PCT 155 related to Acacia loderi shrublands (10017) – NSW listed Endangered Ecological community.				
	EML from applicant 12.4.24 confirmed: "Drill sites have been selected in level terrain to minimise the inclination of the drilling rig and avoid the need for excavations for drill pad stabilisation. A light scrape zone to clear a pad will result in negligible amounts of material moved. The licensee is confident that sites are no greater than 18 degrees."				
	**Advice from BCS 18.4.24 confirmed: "While the areas proposed for drilling potentially support native vegetation there is no indication of the presence of threatened species or communities on the site. BCS recommends that the proposed drilling application avoid removing any trees. By flexible micro siting it should be possible to achieve this and so reduce the likelihood of disturbance to biodiversity. Any potential risk to threatened entities like the Acacia loderi TEC should thus be avoided. A Test of Significance would not be necessary if this was done."				
	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 accordance weed growth management).				
Duration	Legislative requirement for landholder acce Short term	ss arrangements	and compensation.		
Application ranking	S. S. Com				
What is the confidence in	N/A	Are further	N/A		
predicting impacts?		studies required on impacts or			
Harris Ward to Al	N/A	mitigation?	L		
How resilient is the environment to cope with impacts?	N/A	What is the level of public	Low		
		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	Natural Resources: Any disruption, depletion	or destruction o	f natural resources		
Potential impacts	Limited potential for any significant diversion of resources to the detriment of other communities or natural systems. Negligible impacts and only localised changes. Areas used for exploration activities, temporarily removed as a natural resource. Vegetation removal may remove potential timber resources. No significant impacts on other natural resources other than positive in terms				
Proposed management controls	of increased knowledge of geological resour Activity proposed on private land, with acces	ces.			
	Short term, low impact VEGETATION: There is sparse vegetation washrubs/trees occurring within drainage lines. disturbed for this drilling program. There are both flat and hilly with occasional drainage of	Any areas of veg several hills and	g will be avoided, and no veg will be ridges within this region, topography is		
	MNES Report dated 16/1/24: Critically endangered Plains-wanderer likely to occur within area. Endangered Frankenia plicata (plant) likely to occur within area. The link in the MNES report states the Plains Wanderer species are endangered and not critical for NSW). Areas of drilling are relatively open, and vegetation is not expected to be impacted, none of these species are anticipated to be of significant concern based on the temporary nature of the proposed works. There are no threatened ecological communities identified in the MNES search.				
	SEED search 8/4/24: no land zoning as with Within Mulga land system, Land and Soil cal Cat 3 – Med risk. PCT 155, PCT 139, PCT 136 and PCT 123. NSW listed Endangered Ecological commun	pability 7. Crown PCT 155 related	Land (WLL). Bushfire prone land Veg		
	EML from applicant 12.4.24 confirmed: "Drill sites have been selected in level terrain to minimise the inclination of the drilling rig and avoid the need for excavations for drill pad stabilisation. A light scrape zone to clear a pad will result in negligible amounts of material moved. The licensee is confident that sites are no greater than 18 degrees."				
	**Advice from BCS 18.4.24 confirmed: "Whil native vegetation there is no indication of the site. BCS recommends that the proposed drimicro siting it should be possible to achieve biodiversity. Any potential risk to threatened avoided. A Test of Significance would not be	e presence of thre illing application a this and so reduc entities like the A	eatened species or communities on the avoid removing any trees. By flexible the likelihood of disturbance to acacia loderi TEC should thus be		
	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 Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of				
	Legislative requirement for landholder acces impacts.	s arrangements	and compensation limit any potential		
Duration	N/A				
Application ranking 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?	N/A	mitigation? What is the level of public concern?	Low		
Can the impacts be reversed?	N/A	Ranking of potential significance	Low		
Can the impacts be mitigated?	N/A	Justification for	or ranking		
Do the operations comply with standards, plans, policies? Criteria	Yes Natural Resources: Any disruption of existing	activities which	rely on natural resources, including		
56.14	forestry, farming or extractive industries (or r				

Potential impacts Limited potential for any significant disruption of existing activities (or reduction of future activities) Negligible impacts and only localised & temporary given temporary nature of exploration. Areas used for exploration activities, temporarily removed as a natural resource but no long term impacts on future availability of forestry, agricultural land, soils or water resources. Vegetation removal may remove potential timber resources Activity proposed on private land, with access agreement in place with landholder. Proposed management controls Short term, low impact VEGETATION: There is sparse vegetation within the proposed APO approval area, with minimal shrubs/trees occurring within drainage lines. Any areas of veg will be avoided, and no veg will be disturbed for this drilling program. There are several hills and ridges within this region, topography is both flat and hilly with occasional drainage channels that will be avoided for this program. MNES Report dated 16/1/24: Critically endangered Plains-wanderer likely to occur within area. Endangered Frankenia plicata (plant) likely to occur within area. The link in the MNES report states the Plains Wanderer species are endangered and not critical for NSW). Areas of drilling are relatively open, and vegetation is not expected to be impacted, none of these species are anticipated to be of significant concern based on the temporary nature of the proposed works. There are no threatened ecological communities identified in the MNES search. SEED search 8/4/24: no land zoning as within unincorporated - Far West Area (no LGA). Within Mulga land system, Land and Soil capability 7. Crown Land (WLL). Bushfire prone land Veg Cat 3 - Med risk. PCT 155, PCT 139, PCT 136 and PCT 123. PCT 155 related to Acacia loderi shrublands (10017) -NSW listed Endangered Ecological community. EML from applicant 12.4.24 confirmed: "Drill sites have been selected in level terrain to minimise the inclination of the drilling rig and avoid the need for excavations for drill pad stabilisation. A light scrape zone to clear a pad will result in negligible amounts of material moved. The licensee is confident that sites are no greater than 18 degrees." **Advice from BCS 18.4.24 confirmed: "While the areas proposed for drilling potentially support native vegetation there is no indication of the presence of threatened species or communities on the site. BCS recommends that the proposed drilling application avoid removing any trees. By flexible micro siting it should be possible to achieve this and so reduce the likelihood of disturbance to biodiversity. Any potential risk to threatened entities like the Acacia loderi TEC should thus be avoided. A Test of Significance would not be necessary if this was done.' 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 Short term Application ranking What is the confidence in N/A Are further predicting impacts? studies required on impacts or mitigation? N/A How resilient is the environment to What is the Low cope with impacts? level of public concern? Can the impacts be reversed? N/A Ranking of Low potential significance Can the impacts be mitigated? N/A Justification for ranking Do the operations comply with Yes standards, plans, policies? Criteria Natural Resources: Any use which results in the degradation of any area reserved for conservation CEA activity not permitted in areas reserved for conservation purposes. Potential impacts

N/A

Activity proposed on private land, with access agreement in place with landholder. Short term, low impact

VEGETATION: There is sparse vegetation within the proposed APO approval area, with minimal shrubs/trees occurring within drainage lines. Any areas of veg will be avoided, and no veg will be disturbed for this drilling program. There are several hills and ridges within this region, topography is both flat and hilly with occasional drainage channels that will be avoided for this program.

MNES Report dated 16/1/24:

- Critically endangered Plains-wanderer likely to occur within area.
- Endangered Frankenia plicata (plant) likely to occur within area.

The link in the MNES report states the Plains Wanderer species are endangered and not critical for NSW)

Areas of drilling are relatively open, and vegetation is not expected to be impacted, none of these species are anticipated to be of significant concern based on the temporary nature of the proposed works. There are no threatened ecological communities identified in the MNES search.

SEED search 8/4/24: no land zoning as within unincorporated – Far West Area (no LGA). Within Mulga land system, Land and Soil capability 7. Crown Land (WLL). Bushfire prone land Veg Cat 3 – Med risk.

PCT 155, PCT 139, PCT 136 and PCT 123. PCT 155 related to Acacia loderi shrublands (10017) – NSW listed Endangered Ecological community.

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	avoided. A rest of Significance would not be	riicocssary ii uliis	was dulle.
Duration	N/A		
Application ranking			
What is the confidence in predicting impacts?	N/A	Are further studies	N/A
prodicting impacts:		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	Low
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		
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Impacts on Nationa	•	areas reserved or dedicated or
	acquired under the National Parks and Wildl	ife Act 1974.	
Potential impacts	Activity not permitted in these areas.		
Proposed management controls	N/A		
Duration	N/A		
Application ranking		T	
What is the confidence in	N/A	Are further	N/A
predicting impacts?		studies	
		required on	
		impacts or	
How resilient is the environment to	N/A	mitigation? What is the	1
	N/A	level of	Low
cope with impacts?			
		public concern?	
Can the impacts be reversed?	N/A	Ranking of	
Can the impacts be reversed?	IN/A	potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for	or ranking
can the impacts be initigated?	IV/^	Justilication	or ranking

Do the operations comply with standards, plans, policies?	N/A		
Criteria	vegetation plans made under the now-repeat property agreements under the repeated Na	nservation Act 20 aled Threatened shed under the Bi er the Biodiversity ave effect even w bealed Nature Co aled Native Veget	116. This includes: a. Biobanking Species Conservation Act 1995) or a iodiversity Conservation Act 2016. b. 7 Conservation Act 2016. c. Existing 7 Conservation Act 2016. c. Existing 7 Conservation Act 2011. Property 7 Conservation Trust Act 2001. Registered
Potential impacts	Activity not permitted in these areas.		
Proposed management controls	N/A		
Duration	N/A		
Application ranking			
What is the confidence in predicting impacts?	N/A	Are further studies required on impacts or mitigation?	N/A
How resilient is the environment to cope with impacts?	N/A	What is the level of public concern?	Low
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 aquatic Estate Management Act 2014. Impacts on C		
	2016.		
Potential impacts	2016. Activity not permitted in these areas.		
Proposed management controls	Activity not permitted in these areas. N/A		
Proposed management controls Duration	Activity not permitted in these areas.		
Proposed management controls Duration Application ranking	Activity not permitted in these areas. N/A N/A		
Proposed management controls Duration	Activity not permitted in these areas. N/A	Are further studies required on impacts or mitigation?	N/A
Proposed management controls Duration Application ranking What is the confidence in	Activity not permitted in these areas. N/A N/A	studies required on impacts or	N/A Low
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	Activity not permitted in these areas. N/A 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	Low
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	Activity not permitted in these areas. N/A N/A N/A N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	Low
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	Activity not permitted in these areas. N/A N/A 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 f	Low
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts	N/A N/A N/A 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 f	breeding or nursery areas. In preeding or nursery areas. In gregime. 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 erosion es / overflow from drilling sumps.
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	N/A N/A N/A 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 f d commercial fish inage flows/flood has been remove al of groundwater rface water. Ford across al of drilling waste estrictions, Impact tice: Environmen vant requirements using any adverse my drainage from unt impact on any ities, or their habit e rehabilitated in a	breeding or nursery areas. In preeding or nursery areas. In gregime. Surface runoff can be wed. 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. Activities tal Management) as per the soft his Code include: a. Activities e impacts on water quality or quantity. roads/access tracks) to be managed in threatened species, threatened tats. d. No removal of vegetation in accordance with title conditions

What is the confidence in predicting impacts?	I		
	High	Are further	No
predicting impacts:	1.1911	studies	110
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	High Resilience	What is the	Low
cope with impacts?		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 for	or ranking
	,	Justilication	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Impacts on other se	ensitive lands inc	luding: a. Land within a state forest
	set aside under the Forestry Act 2012 for co	nservation values	s. This includes flora reserves and
	special management (and other) zones. b.		
	declared to be a 'controlled area' or a 'special		
	area' under the Water Management Act 200		r Act 1991. c. Waterfront land as
	defined under the Water Management Act 2	000.	
Potential impacts	N/A CEA Location restrictions prevent acti		nsitive locations
Proposed management controls	N/A		5 1000000101
Duration	N/A		
Application ranking			
What is the confidence in	N/A	Are further	N/A
predicting impacts?		studies	
predicting impacts:		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	Low
cope with impacts?		level of	
cope with impacts:			
		public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	
F		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
- Tribina			
	I Lands Act 1989/Crown Lands Management	Act 2010 for pros	civation of the chivilonnicht of other
	Lands Act 1989/Crown Lands Management		
	environmental protection purposes.		
Potential impacts	environmental protection purposes. Activity not permitted in area.		
Potential impacts Proposed management controls	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	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		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	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	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	studies required on impacts or mitigation?	
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	studies required on impacts or mitigation? What is the	N/A Low
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	studies required on impacts or mitigation? What is the level of	
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	environmental protection purposes. Activity not permitted in area. N/A N/A N/A	studies required on impacts or mitigation? What is the	
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	studies required on impacts or mitigation? What is the level of	
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	environmental protection purposes. Activity not permitted in area. N/A N/A N/A N/A	studies required on impacts or mitigation? What is the level of public concern?	
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	environmental protection purposes. Activity not permitted in area. N/A N/A N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of	
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	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	environmental protection purposes. Activity not permitted in area. N/A N/A N/A N/A N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	Low
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	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	Low
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated?	environmental protection purposes. Activity not permitted in area. 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	Low
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	environmental protection purposes. Activity not permitted in area. N/A N/A 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	Low
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	environmental protection purposes. Activity not permitted in area. N/A N/A N/A N/A N/A N/A N/A N/	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification fo	Low or ranking
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Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls	environmental protection purposes. Activity not permitted in area. N/A N/A N/A N/A N/A N/A N/A N/	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification fo	Low or ranking
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How resilient is the environment to cope with impacts?	N/A	What is the level of public concern?	Low
Can the impacts be reversed?	N/A	Ranking of potential	
Can the impacts he mitigated?	N/A	significance Justification f	or ranking
Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	N/A	Justilication	or ranking
Criteria	Sensitive Lands: Impacts on wetlands of in 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			
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	Low
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 land id of biodiversity / conservation significance o management. Includes Coastal Wetlands a Planning Policy (Resilience and Hazards) 2	r zoned for enviro nd Littoral rainfore	nmental conservation, protection and/or
Potential impacts	Activity not permitted in these areas.		
Proposed management controls	N/A		
Duration	N/A		
Application ranking	NIA	A 6 41	T 21/2
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?	Low
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	in all barritaria	Al
Criteria	Sensitive Land Impacts: Impacts on Aborig objects under the National Parks and Wildli identified in an environmental planning inst	fe Act 1974 b. A	
Potential impacts	Activity not permitted in these areas.		
Proposed management controls	N/A		
Duration Application ranking	N/A		
What is the confidence in	N/A	Are further	N/A
predicting impacts?		studies required on impacts or mitigation?	IV/A
How resilient is the environment to cope with impacts?	N/A	What is the level of public concern?	Low
Can the impacts be reversed?	N/A	Ranking of potential significance	

Can the impacts be mitigated?	l N/A	Justification f	or ranking
Do the operations comply with	N/A N/A	Justinication	or ranking
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Impacts on heritage and internationally recognised heritage sites Commonwealth Heritage List) b. Items liste	or areas (World ed on State Herita	Heritage List, National Heritage List of age c. Heritage items and
B (() ()	conservation areas identified in an environm	ental planning in	strument
Potential impacts	CEA activities not permitted in these areas.		
Proposed management controls Duration	N/A N/A		
Application ranking	IV/A		
What is the confidence in	N/A	Are further	N/A
predicting impacts?		studies required on impacts or mitigation?	
How resilient is the environment to cope with impacts?	N/A	What is the level of public concern?	Low
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 communation 1993 (for which a plan of management has been sense to the sen		d under the Local Government Act
Potential impacts	Activity not permitted in these areas.	com propareu).	
Proposed management controls	N/A		
Duration	N/A		
Application ranking			
What is the confidence in	N/A	Are further	N/A
predicting impacts?		studies	
		required on impacts or	
		mitigation?	
How resilient is the environment to cope with impacts?	N/A	What is the level of	Low
		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 bushfire	prone areas.	
Potential impacts	Plant and machinery may be an ignition soul		
Proposed management controls	VEGETATION: There is sparse vegetation within the proposed APO approval area, with minimal shrubs/trees occurring within drainage lines. Any areas of veg will be avoided, and no veg will be disturbed for this drilling program. There are several hills and ridges within this region, topography both flat and hilly with occasional drainage channels that will be avoided for this program.		
	SEED search 8/4/24: no land zoning as within unincorporated – Far West Area (no LG Within Mulga land system, Land and Soil capability 7. Crown Land (WLL). Bushfire pro Cat 3 – Med risk.		
	EML from applicant 12.4.24 confirmed: "Drill sites have been selected in level terrain to minimise the inclination of the drilling rig and avoid the need for excavations for drill pad stabilisation. A light scrape zone to clear a pad will result in negligible amounts of material moved. The licensee is confident that sites are no greater than 18 degrees."		
	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria.		
	Activities must comply with (Exploration Cod commitment in the application (APO). Releving assessment and implementing suitable controls on activities during Extreme or Cata	/ant requirements controls to mana	s of this Code including undertaking a ge risks (e.g. implementation of
	Activities must comply with WHS legislative	requirements.	
	And aviation/pressured assess to also say by		les to see at at flow
Duration	Any existing/proposed access tracks can be Short term	used as lirebrea	ks in event of fire.

Application ranking				
What is the confidence in	High	Are further	No	
predicting impacts?	9	studies	1.1-	
h		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	High Resilience	What is the	Low	
cope with impacts?	- ingri i tee ineriee	level of		
		public		
		concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
can the impacts be reversed.	100	potential	2011	
		significance		
Can the impacts be mitigated?	Fully	Justification for	or ranking	
Do the operations comply with	Yes	ouotimoution i	or running	
standards, plans, policies?	100			
Criteria	Social Impacts: Any impacts which result in a	a change in the d	emographic structure of the	
	community, including changes to workforce			
	change in demand for community resources			
	labour force).	(09 00	ao	
Potential impacts	Limited potential for any significant change in	n the demograph	ic structure of the community.	
	Negligible impacts and only localised change			
	increase in demand for accommodation, foo			
	to warrant significant changes in supply.	,		
Proposed management controls	Negligible impacts likely due to low personne	el numbers and to	emporary nature of exploration	
	Generally positive for suppliers of services a	nd goods utilised		
Duration	Short term	J		
Application ranking				
What is the confidence in	High	Are further	No	
predicting impacts?	1 "3"	studies		
predicting impacts:		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	High Resilience	What is the	Low	
cope with impacts?	Tilgit Nesilletice	level of	LOW	
cope with impacts?		public		
		concern?		
Can the impacts he reversed?	Vee		Low	
Can the impacts be reversed?	Yes	Ranking of	Low	
		potential		
0 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		significance		
Can the impacts be mitigated?	Fully	Justification for	от гапкіпд	
Do the operations comply with	Yes			
standards, plans, policies?			h - t - u t i - l - l - u - u - u - u - d i - u - u t i - u - t - d - d - u	
	Cooled Impropter Any on vivon montal impropt th	iai may cause su	bstantial change of disruption to the	
Criteria	Social Impacts: Any environmental impact th	community (including loss of facilities or loss of community identity).		
Criteria	community (including loss of facilities or loss	of community id		
	community (including loss of facilities or loss Environmental impacts from activities not of	of community id a nature to cause	any significant or long term change of	
Criteria	community (including loss of facilities or loss Environmental impacts from activities not of disruption to community. Areas used for	of community id a nature to cause exploration activi	e any significant or long term change of ties, temporarily removed from natura	
Criteria Potential impacts	community (including loss of facilities or loss Environmental impacts from activities not of disruption to community. Areas used for systems and / community use. Short terr	of community id a nature to cause exploration activi n noise, air quali	e any significant or long term change of ties, temporarily removed from naturally and visual impacts.	
Potential impacts	community (including loss of facilities or loss Environmental impacts from activities not of disruption to community. Areas used for systems and / community use. Short terr Activity proposed on private land, with acces	of community id a nature to cause exploration activi n noise, air quali	e any significant or long term change of ties, temporarily removed from naturally and visual impacts.	
Criteria	community (including loss of facilities or loss Environmental impacts from activities not of disruption to community. Areas used for systems and / community use. Short terr	of community id a nature to cause exploration activi n noise, air quali	e any significant or long term change of ties, temporarily removed from naturally and visual impacts.	
Criteria Potential impacts	community (including loss of facilities or loss Environmental impacts from activities not of disruption to community. Areas used for systems and / community use. Short terr Activity proposed on private land, with acces Short term, low impact	of community id a nature to cause exploration activi m noise, air quali s agreement in p	e any significant or long term change of ties, temporarily removed from naturally and visual impacts. Place with landholder.	
Criteria Potential impacts	community (including loss of facilities or loss Environmental impacts from activities not of disruption to community. Areas used for systems and / community use. Short terr Activity proposed on private land, with acces	of community id a nature to cause exploration activi m noise, air quali s agreement in p	e any significant or long term change of ties, temporarily removed from naturally and visual impacts. Place with landholder.	
Criteria Potential impacts	community (including loss of facilities or loss Environmental impacts from activities not of disruption to community. Areas used for systems and / community use. Short terr Activity proposed on private land, with acces Short term, low impact Activities must comply with CEA Location Re	of community id a nature to cause exploration activi in noise, air qualities agreement in p estrictions, Impac	e any significant or long term change of ties, temporarily removed from naturally and visual impacts. place with landholder. t Thresholds and Criteria.	
Criteria Potential impacts	community (including loss of facilities or loss Environmental impacts from activities not of disruption to community. Areas used for systems and / community use. Short terr Activity proposed on private land, with acces Short term, low impact Activities must comply with CEA Location Re Activities must comply with (Exploration Cod	of community id a nature to cause exploration activi m noise, air qualities as agreement in p estrictions, Impac-	e any significant or long term change of ties, temporarily removed from naturally and visual impacts. Place with landholder. It Thresholds and Criteria. Vironmental Management) as per the	
Criteria Potential impacts	community (including loss of facilities or loss Environmental impacts from activities not of disruption to community. Areas used for systems and / community use. Short terr Activity proposed on private land, with acces Short term, low impact Activities must comply with CEA Location Re Activities must comply with (Exploration Cod commitment in the application (APO). Relev	of community id a nature to cause exploration activi m noise, air qualities agreement in p estrictions, Impac- de of Practice: En yant requirements	e any significant or long term change of ties, temporarily removed from naturally and visual impacts. Ilace with landholder. It Thresholds and Criteria. It Thresholds and Criteria. It of this Code include minimising	
Criteria Potential impacts	community (including loss of facilities or loss Environmental impacts from activities not of disruption to community. Areas used for systems and / community use. Short terr Activity proposed on private land, with acces Short term, low impact Activities must comply with CEA Location Re Activities must comply with (Exploration Cod	of community id a nature to cause exploration activi m noise, air qualities agreement in p estrictions, Impac- de of Practice: En yant requirements	e any significant or long term change of ties, temporarily removed from naturally and visual impacts. Ilace with landholder. It Thresholds and Criteria. It Thresholds and Criteria. It of this Code include minimising	
Criteria Potential impacts	community (including loss of facilities or loss Environmental impacts from activities not of disruption to community. Areas used for systems and / community use. Short terr Activity proposed on private land, with acces Short term, low impact Activities must comply with CEA Location Re Activities must comply with (Exploration Cod commitment in the application (APO). Relev potential impacts on all aspects of the environment	of community id a nature to cause exploration activi m noise, air qualities agreement in p estrictions, Impac- de of Practice: En trant requirements	e any significant or long term change of ties, temporarily removed from naturally and visual impacts. It Thresholds and Criteria. Vironmental Management) as per the sof this Code include minimising water, land, air).	
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Potential impacts Proposed management controls	community (including loss of facilities or loss Environmental impacts from activities not of disruption to community. Areas used for systems and / community use. Short term Activity proposed on private land, with access Short term, low impact Activities must comply with CEA Location Reactivities must comply with (Exploration Cod commitment in the application (APO). Relevant potential impacts on all aspects of the environmental impacts on the environmental impacts of the environmental impacts on the environmental impacts on the environmental impacts of the environmental impacts on the environmental impacts of the envi	of community id a nature to cause exploration activing noise, air qualities agreement in prestrictions, Impacte of Practice: Envant requirements onment (including ordance with title	e any significant or long term change of ties, temporarily removed from naturally and visual impacts. It Thresholds and Criteria. Vironmental Management) as per the sof this Code include minimising water, land, air). conditions (Exploration Code of	
Potential impacts Proposed management controls Duration	community (including loss of facilities or loss Environmental impacts from activities not of disruption to community. Areas used for systems and / community use. Short term Activity proposed on private land, with access Short term, low impact Activities must comply with CEA Location Reactivities must comply with (Exploration Cod commitment in the application (APO). Relevant potential impacts on all aspects of the environmental disturbed areas to be rehabilitated in accepractice: Rehabilitation). Rehabilitation to occur	of community id a nature to cause exploration activing noise, air qualities agreement in prestrictions, Impacte of Practice: Envant requirements onment (including ordance with title	e any significant or long term change of ties, temporarily removed from naturally and visual impacts. It Thresholds and Criteria. Vironmental Management) as per the of this Code include minimising water, land, air). conditions (Exploration Code of	
Proposed management controls Duration Application ranking	community (including loss of facilities or loss Environmental impacts from activities not of disruption to community. Areas used for systems and / community use. Short term Activity proposed on private land, with access Short term, low impact Activities must comply with CEA Location Reactivities must comply with (Exploration Cod commitment in the application (APO). Relev potential impacts on all aspects of the environment of t	a nature to cause exploration activing noise, air qualities agreement in prestrictions, Impacted of Practice: Envant requirements onment (including ordance with title ocur as soon as present and property of the course of the c	e any significant or long term change of ties, temporarily removed from naturally and visual impacts. It Thresholds and Criteria. It Thresholds and Criteria.	
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Proposed management controls Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	community (including loss of facilities or loss Environmental impacts from activities not of disruption to community. Areas used for systems and / community use. Short terr Activity proposed on private land, with access Short term, low impact Activities must comply with CEA Location Reactivities must comply with (Exploration Cod commitment in the application (APO). Relevate potential impacts on all aspects of the environmental impacts on all aspects of the environmental impacts. Rehabilitation in accommunity of the environmental impacts on all aspects of the environmental impacts. Short term	a nature to cause exploration activing noise, air qualities agreement in prestrictions, Impact of Practice: Enternative requirements or an assoon as process. Are further studies required on impacts or mitigation? What is the level of	e any significant or long term change of ties, temporarily removed from naturally and visual impacts. It Thresholds and Criteria. Vironmental Management) as per the sof this Code include minimising water, land, air). conditions (Exploration Code of racticable after completion of activity	
Proposed management controls Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	community (including loss of facilities or loss Environmental impacts from activities not of disruption to community. Areas used for systems and / community use. Short terr Activity proposed on private land, with access Short term, low impact Activities must comply with CEA Location Reactivities must comply with (Exploration Cod commitment in the application (APO). Relevate potential impacts on all aspects of the environmental impacts on all aspects of the environmental impacts. Rehabilitation in accommunity of the environmental impacts on all aspects of the environmental impacts. Short term	a nature to cause exploration activing noise, air qualities agreement in prestrictions, Impact of Practice: Enternat requirements on the court as soon as provided as a soon as	e any significant or long term change of ties, temporarily removed from naturally and visual impacts. It Thresholds and Criteria. Vironmental Management) as per the sof this Code include minimising water, land, air). conditions (Exploration Code of racticable after completion of activity	
Proposed management controls Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	community (including loss of facilities or loss Environmental impacts from activities not of disruption to community. Areas used for systems and / community use. Short term Activity proposed on private land, with access Short term, low impact Activities must comply with CEA Location Reactivities must comply with (Exploration Cod commitment in the application (APO). Relevated potential impacts on all aspects of the environmental impacts on all aspects of the	a nature to cause exploration activing noise, air qualities agreement in prestrictions, Impact of Practice: Envant requirements onment (including ordance with title cour as soon as presented on impacts or mitigation? What is the level of public	e any significant or long term change of ties, temporarily removed from naturally and visual impacts. It Thresholds and Criteria. Vironmental Management) as per the of this Code include minimising water, land, air). conditions (Exploration Code of racticable after completion of activity No Low	

Can the impacts be mitigated?	Partly	Justification f	or ranking	
Do the operations comply with	Yes			
standards, plans, policies? Criteria	Social Impacts: Any impacts which result in	 some individuals	or communities being significantly	
	disadvantaged (e.g. change to community fa	acilities, services	or labour force).	
Potential impacts	Impacts from activities not of a nature to cau community. Limited potential to significa		at or long term change or disruption to dividuals or communities - short term	
			rarily removed from natural systems	
	and / community use. Short term noise,	air quality and vis	sual impacts.	
Proposed management controls	Activity proposed on private land, with access agreement in place with landholder.			
	Short term, low impact			
	Activities must comply with CEA Location Re	estrictions, Impac	t Thresholds and Criteria.	
	Activities must comply with (Exploration Cod	le of Practice: En	vironmental Management) as per the	
	commitment in the application (APO). Relevelements of the environment (water, land, so	ant requirements	s of this Code include protection of all	
	All disturbed areas to be rehabilitated in acc	ordance with title	conditions (Exploration Code of	
	Practice: Rehabilitation). Rehabilitation to oc			
	Legislative requirement for landholder acces impacts.	s arrangements	and compensation limit any potential	
	Compensation under Mining Act available to	mitigate comper	nsation. Activities must comply with	
Duration	WHS legislative requirements. Short term			
Application ranking	Short term			
What is the confidence in	High	Are further	No	
predicting impacts?		studies		
		required on impacts or		
		mitigation?		
How resilient is the environment to	High Resilience	What is the	Low	
cope with impacts?		level of		
		public concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
·		potential		
Can the impacts be mitigated?	Fully	significance Justification f	or ranking	
Do the operations comply with	Yes	Justification	or ranking	
standards, plans, policies?				
Criteria	Social Impacts: Any impacts on the health, s caused by factors such as pollution, odour, r	safety, privacy or	welfare of individuals or communities	
Potential impacts	Activities not of a nature to cause any signifi			
		impact on individual	duals or communities - short term	
Proposed management controls	Activities must comply with CEA Location Re			
	must comply with (Exploration Code of Praccommitment in the application (APO). Relev		0 / 1	
	elements of the environment (water, land, so			
	be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation).			
	Rehabilitation to occur as soon as practicable			
	requirement for landholder access arrangem Compensation under Mining Act available to			
	WHS legislative requirements.	······gate compo		
Duration	Short term			
Application ranking What is the confidence in	N/A	Are further	No	
predicting impacts?	IN/A	studies	140	
promound improve		required on		
		impacts or		
How resilient is the environment to	N/A	mitigation? What is the	Low	
cope with impacts?	I IVES	level of	LOW	
		public		
		concern?		
Can the impacts be reversed?	Yes	Ranking of potential	Low	
		significance		
Can the impacts be mitigated?	Fully	Justification f	or ranking	
Do the operations comply with standards, plans, policies?	Yes			

Criteria	Social Impacts: Effect on a locality, place or			
	Social Impacts: Effect on a locality, place or building having aesthetic, anthropological, archaeological, architectural, cultural, historical, scientific or social significance or other special value for present or future generations?			
Potential impacts	Negligible potential to effect a locality, place or building having aesthetic, anthropological, archaeological, architectural, cultural, historical, scientific or social significance or other special value due to location restrictions of a CEA. Short term and temporary impacts only.			
Proposed management controls	Negligible impacts likely due to low impact of complying exploration activities and temporary nature of exploration. 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). Impacts limited to immediate vicinity of exploration activity.			
Duration	Short term			
Application ranking				
What is the confidence in predicting impacts?	High	Are further studies required on	No	
		impacts or mitigation?		
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	Low	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Partly	Justification f	or ranking	
Do the operations comply with standards, plans, policies?	Yes		-	
Criteria	Social Impacts: Impacts on communities with	h strong sense of	f identity.	
Potential impacts	Community likely to include members who h	ave concerns ab	out possible future mining following any	
•	exploration program. Short term and tem	nporary impacts o	only.	
Proposed management controls	Activity proposed on private land, with acces			
	Short term impacts on the community and predominantly limited to immediate site. Subject to landholder agreement and any compensation.			
	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.			
	Practice: Rehabilitation). Rehabilitation to oc			
Duration				
Application ranking	Practice: Rehabilitation). Rehabilitation to oc Short term	ccur as soon as p	racticable after completion of activity.	
	Practice: Rehabilitation). Rehabilitation to oc	Are further studies required on impacts or		
Application ranking What is the confidence in predicting impacts?	Practice: Rehabilitation). Rehabilitation to oc Short term Medium	Are further studies required on impacts or mitigation?	racticable after completion of activity. No	
Application ranking What is the confidence in	Practice: Rehabilitation). Rehabilitation to oc Short term	Are further studies required on impacts or	racticable after completion of activity.	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	Practice: Rehabilitation). Rehabilitation to oc Short term Medium	Are further studies required on impacts or mitigation? What is the level of	racticable after completion of activity. No	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	Practice: Rehabilitation). Rehabilitation to oc Short term Medium	Are further studies required on impacts or mitigation? What is the level of public	racticable after completion of activity. No	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	Practice: Rehabilitation). Rehabilitation to oc Short term Medium High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	No Low Low	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	Practice: Rehabilitation). Rehabilitation to octoor Short term Medium High Resilience Yes Partly Yes	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	No Low Low	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	Practice: Rehabilitation). Rehabilitation to oc Short term Medium High Resilience Yes	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	No Low Low	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	Practice: Rehabilitation). Rehabilitation to och Short term Medium High Resilience Yes Partly Yes Social Impacts: Impacts on disadvantaged continuation.	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	No Low Low	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	Practice: Rehabilitation). Rehabilitation to oc Short term Medium High Resilience Yes Partly Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and pulandholder agreement and any compensation accordance with title conditions (Exploration)	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for mitigation f	No Low Low or ranking ited to immediate site. Subject to ed areas to be rehabilitated in	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls	Practice: Rehabilitation). Rehabilitation to oc Short term Medium High Resilience Yes Partly Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and predicted accordance with title conditions (Exploration occur as soon as practicable after completions).	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for mitigation f	No Low Low or ranking ited to immediate site. Subject to ed areas to be rehabilitated in	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration	Practice: Rehabilitation). Rehabilitation to oc Short term Medium High Resilience Yes Partly Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and pulandholder agreement and any compensation accordance with title conditions (Exploration)	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for mitigation f	No Low Low or ranking ited to immediate site. Subject to ed areas to be rehabilitated in	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls	Practice: Rehabilitation). Rehabilitation to oc Short term Medium High Resilience Yes Partly Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and predicted accordance with title conditions (Exploration occur as soon as practicable after completions).	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for mitigation f	No Low Low or ranking ited to immediate site. Subject to ed areas to be rehabilitated in	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in	Practice: Rehabilitation). Rehabilitation to oc Short term Medium High Resilience Yes Partly Yes Social Impacts: Impacts on disadvantaged of No negative impacts predicted. Short term impacts on the community and pullandholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion Short term	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the communities. redominantly limin. All disturbed code of Practice on of activity.	No Low Low or ranking itted to immediate site. Subject to ed areas to be rehabilitated in expression and the site of the site. Rehabilitation to	

Con the immedia he was and?	Vaa	Doubing of	Liam		
Can the impacts be reversed?	Yes	Ranking of potential significance	Low		
Can the impacts be mitigated?	Fully		or ranking		
Do the operations comply with					
standards, plans, policies?	Yes				
Criteria	Economic Impacts: Any impacts which may affect economic activity (positive or negative), including a decrease to net economic welfare.				
Potential impacts	No significant impacts predicted. Minimal increase in demand for accommodation, food, mechanical and fuel supplies, etc. Not large enough to warrant significant changes in supply.				
Proposed management controls	Negligible impacts likely due to low personnel numbers and temporary nature of exploration. Generally positive for suppliers of services and goods utilised.				
Duration	Short term				
Application ranking					
What is the confidence in	High	Are further	No		
predicting impacts?		studies			
		required on			
		impacts or			
		mitigation?			
How resilient is the environment to	High Resilience	What is the	Low		
cope with impacts?	3	level of			
		public			
		concern?			
Can the impacts be reversed?	Yes	Ranking of	Low		
can are impacte so reversed.	100	potential	2011		
		significance			
Can the impacts be mitigated?	Fully	Justification f	ı or ranking		
Do the operations comply with	Yes	oustilication i	or ranking		
standards, plans, policies?	165				
Criteria	Economic Impacts: Any impacts that result in	l n a decrease in tl	ne economic stability of the community		
	, , ,				
Potential impacts	result in increased income for some supplier	Activities not of a scale to warrant changes in supply side. Temporary increase in demand will result in increased income for some suppliers.			
Proposed management controls	Negligible impacts likely due to low personnel numbers and temporary nature of exploration. Generally positive for suppliers of services and goods utilised.				
Duration	Short term				
Application ranking					
What is the confidence in	High	Are further	No		
predicting impacts?		studies			
		required on			
		impacts or			
		mitigation?			
How resilient is the environment to	High Resilience	What is the	Low		
cope with impacts?	_	level of			
		public			
		concern?			
Can the impacts be reversed?	Yes	Ranking of	Low		
•		potential			
		significance			
Can the impacts be mitigated?	Partly	Justification f	or ranking		
Do the operations comply with	Yes		<u> </u>		
standards, plans, policies?					
Criteria	Economic Impacts: Any impacts which result expenditure base.	t in a change to t	he public sector revenue or		
Potential impacts	Rehabilitation security bond covers any futur	re public liability f	or rehabilitation. Investment in		
•	exploration may lead to significant mining inv		nited long term negative economic		
	impacts from exploration.				
Proposed management controls	Small increase in public revenue associated	with exploration.	including taxes from wages.		
Duration	Short term	,	J		
Application ranking					
What is the confidence in	High	Are further	No		
predicting impacts?	i iigii	studies	110		
producting impacts:			i .		
		required on			
		required on impacts or			
How resilient is the environment to	High Resilience	required on impacts or mitigation?	Low		
How resilient is the environment to	High Resilience	required on impacts or mitigation? What is the	Low		
How resilient is the environment to cope with impacts?	High Resilience	required on impacts or mitigation? What is the level of	Low		
	High Resilience	required on impacts or mitigation? What is the level of public	Low		
cope with impacts?	•	required on impacts or mitigation? What is the level of public concern?			
	High Resilience Yes	required on impacts or mitigation? What is the level of public concern? Ranking of	Low		
cope with impacts?	•	required on impacts or mitigation? What is the level of public concern? Ranking of potential			
cope with impacts?	•	required on impacts or mitigation? What is the level of public concern? Ranking of	Low		

Do the operations comply with standards, plans, policies?	Yes			
Criteria	Heritage Impacts: Any impacts on a locality, place, landscape, building or archaeological relic of heritage significance.			
Potential impacts	Damage to structures and sensitive features. Limited potential to significantly impact on locality, places, landscapes or buildings. Short term noise, air quality and visual impacts. Potential for temporary impact on aesthetics of a locality.			
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 minimising potential impacts on all aspects of the environment (including water, land, air), culture and heritage (Aboriginal and Non-Indigenous heritage). All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon a practicable after completion of activity (including sealing of any boreholes).			
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?	High Resilience	What is the level of public concern?	Low	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Partly	Justification f	or ranking	
Do the operations comply with standards, plans, policies?	Yes	l an accuia lau de		
Criteria	Aesthetic Impacts: Any impacts on the visual or scenic landscape, including lighting, venting or flaring of gas.			
Potential impacts	Limited potential to significantly impact on visual or scenic landscape. Short term noise, air quality and visual impacts. Potential for temporary impact on aesthetics of a locality. Lighting during night time operations and use of access tracks by vehicles at night may affect local amenity.			
	must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include minimising potential impacts on all aspects of the environment (including water, land, air), culture and herita (Aboriginal and Non-Indigenous heritage). All disturbed areas to be rehabilitated in accordar with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soo			
Duration	practicable after completion of activity (including sealing of any boreholes). Short term			
Application ranking				
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No	
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	Low	
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 aesthetic or scenic value. Short term noise, air quality and visual impacts. Potential for temporary impact on aesthetics of a locality. Lighting during night time operations and use of access tracks by vehicles at night may affect local amenity. Exploration activities, including any removal of vegetation and access track locations, may impact on visual amenity.			
Proposed management controls	Short term impacts predominantly limited to immediate site. 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 all aspects of the environment (including water, land, air), culture and heritage (Aboriginal and Non-Indigenous heritage). All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity (including sealing of any boreholes).			

Duration	Short term		
Application ranking			
What is the confidence in predicting impacts?	High	Are further studies	No
		required on impacts or mitigation?	
How resilient is the environment to	High Resilience	What is the	Low
cope with impacts?		level of public concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
can the impacts be reversed:	165	potential significance	LOW
Can the impacts be mitigated?	Partly	Justification f	or ranking
Do the operations comply with standards, plans, policies?	Yes		-
Criteria	Cultural Impacts: Any disturbance of the gro tree).		
Proposed management controls	Short term ground disturbance. Potentia	I for temporary in	npact on aesthetics of a locality.
	AHIMS dated 16/1/24: There are no currently listed Aboriginal Sites noted within the proposed drilling area (confirmed coordinates in SEED). From APO: "All personnel onsite will be inducted and follow the aboriginal due diligence assessment, any aboriginal sites will be avoided, and no proposed activities will be within 200m of waters or within 40m of a riparian zone. A cultural heritage survey has been undertaken over the entire drilling area and all staff are aware of sensitivities in the area. Recently identified isolated Aboriginal sites have all been mapped and staff are aware of locations. Isolated single aboriginal artefacts are currently pending recognition with AHIMS. Corridors of potential impact identified from an independent survey are under review, however, these areas will not be impacted by the proposed drilling activities. Further surveys will be undertaken as required and all works undertaken in accordance with the survey outcomes. Should any new Aboriginal sites be discovered staff will inform management teams who will record the information on the AHIMS Mobile APP (which is Heritage NSW preferred method of recording), or by contacting the survey team already having been over this area. This site would then be avoided by placing a 30m buffer around it. Any concerns regarding new sites and working in the area will be raised directly with Heritage NSW on 02 9873 8500." Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities cannot occur on land declared an Aboriginal Place and activities must not harm Aboriginal Objects. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include minimising potential impacts on all aspects of the environment (including water, land, air), culture and heritage (Aboriginal and Non-Indigenous heritage). All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practi		
Duration	(including sealing of any boreholes).		
Duration Application ranking	Short term		
What is the confidence in	High	Are further	No
predicting impacts?	· ··g··	studies required on impacts or mitigation?	
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	Medium
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		<u> </u>
standards, plans, policies? Criteria	Cultural Impacts: Any impacts on known Abo	 original objects o	r Aboriginal places.
Potential impacts			poriginal objects and places through
	ground disturbance, excavations, vegetation clearing, etc.		

AHIMS dated 16/1/24: There are no currently listed Aboriginal Sites noted within the proposed drilling area (confirmed coordinates in SEED).

From APO: "All personnel onsite will be inducted and follow the aboriginal due diligence assessment, any aboriginal sites will be avoided, and no proposed activities will be within 200m of waters or within 40m of a riparian zone.

A cultural heritage survey has been undertaken over the entire drilling area and all staff are aware of sensitivities in the area. Recently identified isolated Aboriginal sites have all been mapped and staff are aware of locations. Isolated single aboriginal artefacts are currently pending recognition with AHIMS. Corridors of potential impact identified from an independent survey are under review, however, these areas will not be impacted by the proposed drilling activities. Further surveys will be undertaken as required and all works undertaken in accordance with the survey outcomes.

Should any new Aboriginal sites be discovered staff will inform management teams who will record the information on the AHIMS Mobile APP (which is Heritage NSW preferred method of recording), or by contacting the survey team already having been over this area. This site would then be avoided by placing a 30m buffer around it. Any concerns regarding new sites and working in the area will be raised directly with Heritage NSW on 02 9873 8500."

Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities cannot occur on land declared an Aboriginal Place and activities must not harm Aboriginal Objects.

Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include minimising potential impacts on all aspects of the environment (including water, land, air), culture and heritage (Aboriginal and Non-Indigenous heritage).

All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity (including sealing of any boreholes).

	(including scaling of any porcholes).			
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	Medium	
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	Cultural Impacts: Affects areas where the landscape features indicate the likely presence of			
	Aboriginal objects.			
Potential impacts	Short term ground disturbance. Potential for impact on Aboriginal objects and places through ground disturbance, excavations, vegetation clearing, etc.			

AHIMS dated 16/1/24: There are no currently listed Aboriginal Sites noted within the proposed Proposed management controls drilling area (confirmed coordinates in SEED). From APO: "All personnel onsite will be inducted and follow the aboriginal due diligence assessment, any aboriginal sites will be avoided, and no proposed activities will be within 200m of waters or within 40m of a riparian zone. A cultural heritage survey has been undertaken over the entire drilling area and all staff are aware of sensitivities in the area. Recently identified isolated Aboriginal sites have all been mapped and staff are aware of locations. Isolated single aboriginal artefacts are currently pending recognition with AHIMS. Corridors of potential impact identified from an independent survey are under review, however, these areas will not be impacted by the proposed drilling activities. Further surveys will be undertaken as required and all works undertaken in accordance with the survey outcomes. Should any new Aboriginal sites be discovered staff will inform management teams who will record the information on the AHIMS Mobile APP (which is Heritage NSW preferred method of recording), or by contacting the survey team already having been over this area. This site would then be avoided by placing a 30m buffer around it. Any concerns regarding new sites and working in the area will be raised directly with Heritage NSW on 02 9873 8500." Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities cannot occur on land declared an Aboriginal Place and activities must not harm Aboriginal Objects. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include minimising potential impacts on all aspects of the environment (including water, land, air), culture and heritage (Aboriginal and Non-Indigenous heritage). All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of 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 Are further High No predicting impacts? studies required on impacts or mitigation? How resilient is the environment to High Resilience What is the Medium 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,	
Criteria		

Cultural Impacts: Affects areas subject to native title claims, indigenous land use agreements or joint management arrangements.

Potential impacts

Proposed management controls

Condition of exploration title/authority prohibits exploration on any land or waters on which Native Title has not been extinguished, unless the prior consent of the Minister has been obtained. AHIMS dated 16/1/24: There are no currently listed Aboriginal Sites noted within the proposed drilling area (confirmed coordinates in SEED).

From APO: "All personnel onsite will be inducted and follow the aboriginal due diligence assessment, any aboriginal sites will be avoided, and no proposed activities will be within 200m of waters or within 40m of a riparian zone.

A cultural heritage survey has been undertaken over the entire drilling area and all staff are aware of sensitivities in the area. Recently identified isolated Aboriginal sites have all been mapped and staff are aware of locations. Isolated single aboriginal artefacts are currently pending recognition with AHIMS. Corridors of potential impact identified from an independent survey are under review, however, these areas will not be impacted by the proposed drilling activities. Further surveys will be undertaken as required and all works undertaken in accordance with the survey outcomes.

Should any new Aboriginal sites be discovered staff will inform management teams who will record the information on the AHIMS Mobile APP (which is Heritage NSW preferred method of recording), or by contacting the survey team already having been over this area. This site would then be avoided by placing a 30m buffer around it. Any concerns regarding new sites and working in the area will be raised directly with Heritage NSW on 02 9873 8500."

Condition of exploration title/authority prohibits exploration on any land or waters on which Native Title has not been extinguished, unless the prior consent of the Minister has been obtained. Short term

Duration

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	Medium	
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	Cultural Impacts: Impacts on Aboriginal com	munities or areas	s subject to land rights claims.	
Potential impacts	Condition of exploration title/authority prohibits exploration on any land or waters on which Native Title has not been extinguished, unless the prior consent of the Minister has been obtained. Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities cannot occur on land declared an Aboriginal Place and activities must not harm Aboriginal Objects. Any impacts are short term and temporary.			
Proposed management controls	Condition of exploration title/authority prohibits exploration on any land or waters on which Native Title has not been extinguished, unless the prior consent of the Minister has been obtained. Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities cannot occur on land declared an Aboriginal Place and activities must not harm Aboriginal Objects.			
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	Medium	
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	Cultural Impacts: Impacts on areas or items	of high anthropol	ogical, archaeological, architectural.	
	cultural, heritage, historical, recreational or scientific value.			
Potential impacts	Short term and temporary impacts only.			
Process Control of the Control of th	Onlore term and temperary impacts only.			

Proposed management controls AHIMS dated 16/1/24: There are no currently listed Aboriginal Sites noted within the proposed drilling area (confirmed coordinates in SEED). From APO: "All personnel onsite will be inducted and follow the aboriginal due diligence assessment, any aboriginal sites will be avoided, and no proposed activities will be within 200m of waters or within 40m of a riparian zone. A cultural heritage survey has been undertaken over the entire drilling area and all staff are aware of sensitivities in the area. Recently identified isolated Aboriginal sites have all been mapped and staff are aware of locations. Isolated single aboriginal artefacts are currently pending recognition with AHIMS. Corridors of potential impact identified from an independent survey are under review, however, these areas will not be impacted by the proposed drilling activities. Further surveys will be undertaken as required and all works undertaken in accordance with the survey outcomes. Should any new Aboriginal sites be discovered staff will inform management teams who will record the information on the AHIMS Mobile APP (which is Heritage NSW preferred method of recording), or by contacting the survey team already having been over this area. This site would then be avoided by placing a 30m buffer around it. Any concerns regarding new sites and working in the area will be raised directly with Heritage NSW on 02 9873 8500." 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 all aspects of the environment (including water, land, air), culture and heritage (Aboriginal and Non-Indigenous heritage). Aboriginal or European heritage objects/items/areas to be demarcated and avoided. 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 N/A Application ranking What is the confidence in Are further High No predicting impacts? studies required on impacts or mitigation? How resilient is the environment to N/A What is the Medium cope with impacts? level of public concern? Can the impacts be reversed? N/A Ranking of Low potential significance Can the impacts be mitigated? Fully Justification for ranking Do the operations comply with Yes standards, plans, policies? Criteria Land Use Impacts: Any major changes in land use, including curtailment of other beneficial land **Potential impacts** Limited potential for any major changes in land use due to short term and temporary nature of Negligible impacts and limited to immediate vicinity of site. Areas used for exploration activities, temporarily removed from existing land use/s but no long term impacts (e.g. temporary impacts on productive rural industries, including agriculture). Vegetation removal may remove potential timber resources. Land currently used for agricultural grazing purposes. The land use will not be changed during or **Proposed management controls** after the proposed drilling works. Minimal impacts likely and limited to immediate site of the activity. 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). 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 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	Low	
cope with impacts?		level of		
		public		
		concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
		potential		
		significance		
Can the impacts be mitigated?	No	Justification for	or ranking	
Do the operations comply with	Yes			
standards, plans, policies?				
Criteria	Transportation Impacts: Substantial impacts			
	pedestrian) which alter present patterns of co			
Potential impacts	Short term additional traffic during exploration			
Proposed management controls	Short term additional traffic during exploration			
	,	ndholder agreem	ent and any compensation.	
Duration	Short term			
Application ranking	112.1		L	
What is the confidence in	High	Are further	No	
predicting impacts?		studies		
		required on		
		impacts or		
How resilient is the environment to	High Desilience	mitigation?	1	
	High Resilience	What is the	Low	
cope with impacts?		level of		
		public concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
Can the impacts be reversed?	162	potential	LOW	
		significance		
Can the impacts be mitigated?	Fully	Justification for	or ranking	
Do the operations comply with	Yes	oustilleation is	or ranking	
standards, plans, policies?	100			
Criteria	Transportation Impacts: Impacts associated	with direct or ind	irect additional traffic.	
Potential impacts	Short term additional traffic during exploration			
Proposed management controls				
Troposou managoment controle	Short term additional traffic during exploration activity, primarily during set-up/construction stage. Limited to immediate site. Subject to landholder agreement and any compensation.			
Duration	Short term		on and any compensation	
Application ranking				
What is the confidence in	High	Are further	No	
predicting impacts?	1.19.1	studies		
promoting impacts		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	High Resilience	What is the	Low	
cope with impacts?	, and the second	level of		
·		public		
		public		
Can the impacts be reversed?		concern?		
	Yes		Low	
	Yes	concern?	Low	
	Yes	concern? Ranking of	Low	
Can the impacts be mitigated?	Yes	concern? Ranking of potential		
Do the operations comply with		concern? Ranking of potential significance		
Do the operations comply with standards, plans, policies?	Fully Yes	concern? Ranking of potential significance Justification for	or ranking	
Do the operations comply with	Fully Yes Consistency with applicable local strategic p	concern? Ranking of potential significance Justification for	or ranking	
Do the operations comply with standards, plans, policies? Criteria	Fully Yes Consistency with applicable local strategic p strategic plans.	concern? Ranking of potential significance Justification fo	or ranking	
Do the operations comply with standards, plans, policies? Criteria Potential impacts	Fully Yes Consistency with applicable local strategic p strategic plans. Temporary and short term impact on the land	concern? Ranking of potential significance Justification for a statement of the statement o	or ranking uts, regional strategic plans or district	
Do the operations comply with standards, plans, policies? Criteria	Fully Yes Consistency with applicable local strategic p strategic plans. Temporary and short term impact on the land Exploration comprises development that does	concern? Ranking of potential significance Justification for the significant of the signi	or ranking ats, regional strategic plans or district ent under the EP&A Act and	
Do the operations comply with standards, plans, policies? Criteria Potential impacts	Fully Yes Consistency with applicable local strategic p strategic plans. Temporary and short term impact on the land Exploration comprises development that doe associated local, regional and district plans.	concern? Ranking of potential significance Justification for the second statement of the second statem	or ranking ats, regional strategic plans or district ent under the EP&A Act and conflict or inconsistency with applicable	
Do the operations comply with standards, plans, policies? Criteria Potential impacts	Fully Yes Consistency with applicable local strategic p strategic plans. Temporary and short term impact on the land Exploration comprises development that doe associated local, regional and district plans. local strategic planning statements, regional	concern? Ranking of potential significance Justification for the second strategic plans of the s	or ranking ats, regional strategic plans or district ent under the EP&A Act and conflict or inconsistency with applicable r district strategic plans. Minimal	
Do the operations comply with standards, plans, policies? Criteria Potential impacts	Fully Yes Consistency with applicable local strategic p strategic plans. Temporary and short term impact on the land Exploration comprises development that doe associated local, regional and district plans. local strategic planning statements, regional impacts likely and limited to immediate site of	concern? Ranking of potential significance Justification for the search of the search of the search of the search of the activity.	ent under the EP&A Act and conflict or inconsistency with applicable r district strategic plans. Minimal Impacts are compensable under	
Do the operations comply with standards, plans, policies? Criteria Potential impacts	Fully Yes Consistency with applicable local strategic p strategic plans. Temporary and short term impact on the lane Exploration comprises development that doe associated local, regional and district plans. local strategic planning statements, regional impacts likely and limited to immediate site or relevant legislation, including Mining Act 199	concern? Ranking of potential significance Justification for the service of the activity.	ent under the EP&A Act and conflict or inconsistency with applicable or district strategic plans. Minimal Impacts are compensable under (Onshore) Act 1991. Subject to	
Do the operations comply with standards, plans, policies? Criteria Potential impacts	Fully Yes Consistency with applicable local strategic p strategic plans. Temporary and short term impact on the land Exploration comprises development that doe associated local, regional and district plans. local strategic planning statements, regional impacts likely and limited to immediate site or relevant legislation, including Mining Act 199 landholder agreement and any compensatio	concern? Ranking of potential significance Justification for the set of the activity. It is a concerned to the activity and activity. It is a concerned to the activity. It is a concerned to the activity. It is a concerned to the activity and activity. It is a concerned to the activity and activity. It is a concerned to the activity and activity. It is a concerned to the activity and activity activity.	ent under the EP&A Act and conflict or inconsistency with applicable or district strategic plans. Minimal Impacts are compensable under (Onshore) Act 1991. Subject to end areas to be rehabilitated in	
Do the operations comply with standards, plans, policies? Criteria Potential impacts	Fully Yes Consistency with applicable local strategic p strategic plans. Temporary and short term impact on the land Exploration comprises development that doe associated local, regional and district plans. local strategic planning statements, regional impacts likely and limited to immediate site or relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration)	concern? Ranking of potential significance Justification for the season of the activity. It is a concerned to the activity and activity. It is a concerned to the activity and activity. It is a concerned to the activity and activity. It is a concerned to the activity and activity. It is a concerned to the activity and activity and activity and activity and activity. It is a concerned to the activity and activity activity. It is a concerned to the activity and activity activity activity activity activity activity activity.	ent under the EP&A Act and conflict or inconsistency with applicable or district strategic plans. Minimal Impacts are compensable under (Onshore) Act 1991. Subject to end areas to be rehabilitated in expension of the control of the	
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls	Fully Yes Consistency with applicable local strategic p strategic plans. Temporary and short term impact on the land Exploration comprises development that doe associated local, regional and district plans. local strategic planning statements, regional impacts likely and limited to immediate site or relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration occur as soon as practicable after completion)	concern? Ranking of potential significance Justification for the season of the activity. It is a concerned to the activity and activity. It is a concerned to the activity and activity. It is a concerned to the activity and activity. It is a concerned to the activity and activity. It is a concerned to the activity and activity and activity and activity and activity. It is a concerned to the activity and activity activity. It is a concerned to the activity and activity activity activity activity activity activity activity.	ent under the EP&A Act and conflict or inconsistency with applicable or district strategic plans. Minimal Impacts are compensable under (Onshore) Act 1991. Subject to end areas to be rehabilitated in expension of the control of the	
Do the operations comply with standards, plans, policies? Criteria Potential impacts	Fully Yes Consistency with applicable local strategic p strategic plans. Temporary and short term impact on the land Exploration comprises development that doe associated local, regional and district plans. local strategic planning statements, regional impacts likely and limited to immediate site or relevant legislation, including Mining Act 199 landholder agreement and any compensation accordance with title conditions (Exploration)	concern? Ranking of potential significance Justification for the season of the activity. It is a possible to the activity and activity. It is a possible to the activity and activity. It is a possible to the activity. It is a possible to the activity and activity and activity are activity. It is a possible to the activity and activity are activity. It is a possible to the activity and activity are activity. It is a possible to the activity and activity are activity and activity are activity. It is a possible to the activity are activity and activity are activity are activity and activity are activity are activity and activity are a	ent under the EP&A Act and conflict or inconsistency with applicable or district strategic plans. Minimal Impacts are compensable under (Onshore) Act 1991. Subject to ed areas to be rehabilitated in expension of the control of the	

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?	Low		
Can the impacts be reversed?	Uncertain	Ranking of potential significance	Low		
Can the impacts be mitigated?	Fully	Justification f	or ranking		
Do the operations comply with standards, plans, policies?	Yes	- Custilication for Falliking			
Criteria	Matters of National Environmental Significar Environmental Protection and Biodiversity C	onservation Act	1999:		
Proposed management controls	N/A as activities must comply with CEA Loca Cannot impact on MNES.	ation Restrictions	, Impact Thresholds and Criteria.		
Duration	avoided. A Test of Significance would not be necessary if this was done." N/A				
Application ranking					
What is the confidence in predicting impacts?	N/A	Are further studies required on impacts or mitigation?	N/A		
How resilient is the environment to cope with impacts?	N/A	What is the level of public concern?	Low		
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	Cumulative Impacts: Cumulative environment				
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	High	Are further	No
predicting impacts?		studies	
		required on	
		impacts or	
	111.1.5.111	mitigation?	
How resilient is the environment to	High Resilience	What is the	Low
cope with impacts?		level of	
		public	
Con the immedia he mayous do	Vac	concern?	Law
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
Can the imports he mitigated?	Fully	significance	
Can the impacts be mitigated?	,	Justification f	or ranking
Do the operations comply with	Yes		
standards, plans, policies?			

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