

Thursday 28 March 2024

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

EL9399 Exploration Program - Stage 2 | APO0001351

Decision Maker	
Prepared by	
Title	EL 9399 (1992)
Authorised Representative	
Project name	EL9399 Exploration Program - Stage 2
Activity type	Complying Exploration Activity

Issue

has sought an activity approval in respect of EL9399 Exploration Program - Stage 2, within EL 9399 (1992), at Wilpinjong.

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 , 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

APO0001351 seeking approval under EL 9399 (granted 3/5/2022, expiry 3/5/2028) to undertake 139 AC (represented by EA0003531 record) and 31 DDH (individual EDH records) to define the coal seam structure, coal quality testing, gas desorption testing and composition analysis, coal quality sizing, geotechnical testing of seam roof and floor and to define weathered coal. Some bores to be retained for groundwater monitoring. Proposed work is located at Wollar – NE of Mudgee, NSW.

START: 1 May 2023, for 45 weeks, with rehab completion by 30 April 2024 (approx 16 months noted elsewhere in application - (drilling only) assuming the continuous availability of drill rigs & favourable weather conditions).

ACCESS: via existing local landholder access tracks and across previously cleared paddocks. No new formed access tracks are anticipated to be required.

HOURS OF OPERATIONS: Continuous work hours (24 hours a day, 7 days a week).

Noise MGMT: The primary noise source would be due to vehicle movements along access tracks and drilling activities. Drilling hours would be limited to 6:30 am - 6:30 pm, daily. The low volume of vehicle movements and the short-term/mobile nature of the drilling activities would mean that the program should not have an impact on the local acoustic amenity to the sensitive receivers in the vicinity of the exploration activities. All private receivers within proximity to the drilling program are covered by a mine impact agreement in accordance with the VLAMP. All other residents within proximity of the drilling program dwell in company owned houses with lease conditions which reflect the potential mine impacts. WCPL operates real time noise monitors for operational purposes - this will enable continuous monitoring of noise generated by drilling activities

DISTURBANCE: Surface disturbance would be limited to the drill hole only (approx 2.5m x 2.5m), for the 170 drill holes (total 0.1 ha) with an approx. 40m x 40m area slashed at each drill site to maintain safe access to the exploration activities, this slashing would not include direct surface disturbance. Slashing activities would avoid established trees.

In the event of a failed drill hole due to technical difficulties or hole collapse, re-drills will be conducted within the slashed area. A predetermined number of redrills have been accounted for in the RCE. The RCE allows for some disturbance associated with unplanned events, i.e. bogging.

SURFACE WATER: The nearest watercourses are:

- Wilpinjong Creek to the north of the exploration activities, with the closest drill hole at least 50 m from the high bank of Wilpinjong Creek.
- Wollar Creek that runs through EL 9399, with the closest drill hole at least 50 m from the high bank of Wollar Creek.
- An unnamed tributary of Wollar Creek that runs within the east of EL 9399, with the closest drill hole at least 50 m from the high bank of the tributary.

No surface water sources are likely to be impacted.

SUMPS: Above ground sumps will be employed at all sites. The program is expected to generate approx 93,000L of waste (31 core holes each ~3000L) primarily through the mixing of water with drill cuttings and lubrication mud during the drilling

process. All fluids removed from the sump would be recycled or disposed of within the site's dirty water management system at Wilpinjong Coal Mine, or via a licenced contractor. All other waste generated by the program will be disposed of at the appropriate council waste receival facility

AHIMS search dated 11/5/22 – 84 Aboriginal sites recorded in or near project location.

Additional details doc provided with APO notes "the proposed exploration activities have been designed to avoid any previously identified/known Aboriginal heritage sites identified from the AHIMS search. Where the presence of Aboriginal heritage sites are identified by due diligence surveys conducted in advance of the exploration activities, the exploration activities would be relocated to avoid harm to the Aboriginal heritage site. As such, no Aboriginal heritage sites would be impacted as part of the proposed exploration activities." – as shown on plan provided with APO.

SEED search 27/4/23 – proposed drillhole locations within land zoned RU1 (Rural) and R5 (residential) - on relatively flat, undulating slope with steeper areas in the southern portion of the title - AS Confirmed in 183 site photos provided with the APO. Minimal drillholes proposed in this area. Drillholes avoid creek lines etc. Some Crown Land lots located within the title boundary – largely avoided except for 2 crown land lots located in the northern portion of the title/activity area (4 drillholes proposed within this area). Plans provided note this is "Crown Land (Special Lease/Licence)" – Lot 63 DP 755455. Industry View search confirmed "State of NSW" as the owner. Drilling avoids High conservation value TSR along the western boundary of EL (LOT 7006 DP 1024130).

Endangered Koala identified in treed areas just outside of proposed activity area

Critically endangered Regent Honeyeater species sightings outside of title boundary. The project area falls within the known area of distribution for the species. It is also noted that parts of the proposed drilling fall within areas mapped as Biodiversity Values

NOTE: some of the drilling areas fall within vegetation class - Western Slopes Grassy Woodlands, which is a known habitat of the species, however, the species profile notes that the Capertee Valley and Bundarra-Barraba regions are known key breeding areas in NSW, of which the activity site is not part of.

Given the activity proposed nil veg clearing, with mature vegetation to be avoided, and sightings are well outside the tenement, within densely vegetated and steep areas – the activity is considered low risk. From 183 site photos provided with the application, all sites appear within cleared areas and mature vegetation can successfully be avoided.

No terrestrial biodiversity or other issues of environmental sensitivity within the proposed activity area.

Response to gueries provided 2/8/22 for previous APO0001235:

1. Lot 63 DP 755455. Industry View search confirmed "State of NSW" as the owner. – Ministers' consent for exempted area.

All drill sites in the north-eastern area of the title were shifted outside of Lot 63, DP755455 for the application, as shown on the map below. Each corner of the drill sites will be accurately delineated by the survey department as to prevent any chance of disturbing the Crown Land parcel.

2. What system is in place to ensure the drillers avoid Crown Land, Title boundaries and Aboriginal sites to avoid? – internal GDP process -digital data for them, demarcated

We are currently in the process of completing an internal Ground Disturbance Permit for the drill sites - the compliance/project conditions and general information of the permit is reflective of that found in the APO application. The information within the permit will be verbally communicated to the drillers prior to the commencement of the program, and in their daily pre-start meetings. GIS data is also available for ensuring that all GDP areas are correctly delineated.

3. Sensitive receivers – 7 day week? Distance and any consultation?

All residents who live within proximity of the drilling program dwell in Peabody-leased housing with mine-impact agreements as a condition of their leases. Only one private resident remains in the village of Wollar; this resident is expected to be under a noise agreement prior to the commencement of the drilling program.

Current security held is \$568,000.

PAST ACTIVITY: 1 activity approved 2/8/2022 (APO0001235) for 67 AC and 22DDH exploration holes

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 EL9399 Exploration Program - Stage 2* 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 , including to facilitate the discovery and development of resources in NSW.

No alternatives options to the proposed activity were considered.

Security

Refer to RCE Record RCE0001386

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 EL9399 Exploration Program - Stage 2* 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 for approval has been assessed as being Approve for grant.

Certification

I, 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 EL9399 Exploration Program Stage 2 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 impac	ts on nearby sensi	tive receptors).
Potential impacts	Particulates and emissions from vehicle exhausts, plant and machinery. Wind erosion and dust from disturbed soils during construction and operations. Dust from vehicles travelling over tracks. Dust generation from operating plant and machinery. Air quality impacts on nearby sensitive receivers.		
Proposed management controls	Activities must comply with CEA Location Restrict comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of this AQ criteria. b. Emissions from the activities sh 50ug/m3 (24hr) or 30 ug/m3 (annual average) at should not result in cumulative PM2.5 emissions any occupied residence. d. Vehicle speeds limit periods. f. Surface disturbance managed in act to immediate vicinity of drilling due to controls senvironmental Management). Impacts negligible to be rehabilitated in accordance with title cond Rehabilitation to occur as soon as practicable aft boreholes).	onmental Manage s Code include: a could not result in tany occupied residence decoding 25 ug/sed to minimise dutordance with Blue et out in title conce due to nature of itions (Exploration	ement) as per the commitment in the a. Activities must comply with cumulative cumulative PM10 levels exceeding idence. c. Emissions from the activities m3 (24hr) or 8 ug/m3 (annual average) at lest. e. Roads watered during high traffic e Book. Impacts of any drilling limited ditions (Exploration Code of Practice: drilling activities. All disturbed areas a Code of Practice: Rehabilitation).
Duration	Short term		
Application ranking			
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No
How resilient is the environment to cope with impacts?	N/A	What is the level of public concern?	Low
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Partly	Justification for	ranking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Air Impacts: Greenhouse or ozone impacts.		
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	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Petroleum exploration activities cannot be a CEA. CO2 emissions from activities are extremely limited 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	Medium term atmospheric residence.	,	

What is the confidence in predicting	High	Are further	No
impacts?		studies	
		required on	
		impacts or	
How resilient is the environment to	High Deciliones	mitigation?	Law
	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 reverseu:	163	potential	LOW
		significance	
Can the impacts be mitigated?	Partly	Justification for	ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Air Impacts: Additional impacts on areas with de	graded air quality.	
Potential impacts	Potential for temperature inversions in winter to	trap dust and air	particulates. Wind erosion possible
,	from exposed soils. Particulate emissions fro	•	·
	operating machinery, vehicles travelling over tra		,
Proposed management controls	Activities must comply with CEA Location Restric		sholds and Criteria. Activities must
	comply with (Exploration Code of Practice: Envir	onmental Manage	ment) as per the commitment in the
	application (APO). Relevant requirements of this	s Code include: a	. Activities must comply with cumulative
	AQ criteria. b. Emissions from the activities sh	ould not result in	cumulative PM10 levels exceeding
	50ug/m3 (24hr) or 30 ug/m3 (annual average) at	t any occupied resi	dence. c. Emissions from the activities
	should not result in cumulative PM2.5 emissions		
	any occupied residence. d. Vehicle speeds limit		
	periods. f. Surface disturbance managed in acc		, ,
	to immediate vicinity of drilling due to controls s		
	Management (impacts negligible due to nature o	_	
	rehabilitated in accordance with title conditions		•
Duration	to occur as soon as practicable after completion Short term	or activity (includi	ing sealing of any borenoies).
Application ranking	Short term		
What is the confidence in predicting	High	Are further	No
impacts?	6	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?	Dorth		
	Partly	Justification for	ranking
Do the operations comply with	Yes	Justification for	ranking
standards, plans, policies?	Yes		ranking
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standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	Water Impacts: Impacts from the use of surface Water used for exploration not available for eco runoff can be sediment laden. Generally min dams through landholder agreements). No u water in drilling / deep excavation operations. of groundwater systems in drilling operations. G Mobilisation of pollutants (such as hydrocarbons Activities must comply with CEA Location Restric comply with Exploration Code of Practice: Enviro application (APO). Relevant requirements of this to prevent causing any adverse impacts on wate impacts to livestock (including any adverse impa used for access track watering must be obtained Boreholes to be constructed, operated and deco Departmental Guidelines and Codes of Practice to Short term	or groundwater. logical, stock, dom imal surface wate ise of groundwater Interception, cri roundwater depre s) in surface water ctions, Impact Three onmental Manager is Code include: a r quality or quanti cts on surface wat I from licensed sout mmissioned in access to protect groundwater Are further studies	estic or irrigation purposes. Surface r use (must be licensed or use of farm but potential loss through produced oss contamination and/or depressurisation essurisation effects on surface water. or aquifers. Isholds and Criteria. Activities must ment as per the commitment in the . Activities must implement all measures ty. b. Activities must not cause adverse er supplies used by livestock). Water rce or farm dams (with consent of owner). Fordance with authority/title conditions, water/aquifers.
Proposed management controls Duration Application ranking What is the confidence in predicting	Water Impacts: Impacts from the use of surface Water used for exploration not available for eco runoff can be sediment laden. Generally min dams through landholder agreements). No u water in drilling / deep excavation operations. of groundwater systems in drilling operations. G Mobilisation of pollutants (such as hydrocarbons Activities must comply with CEA Location Restric comply with Exploration Code of Practice: Enviro application (APO). Relevant requirements of this to prevent causing any adverse impacts on wate impacts to livestock (including any adverse impa used for access track watering must be obtained Boreholes to be constructed, operated and deco Departmental Guidelines and Codes of Practice to Short term	or groundwater. logical, stock, dom imal surface wate ise of groundwater Interception, cri roundwater depre s) in surface water ctions, Impact Thre onmental Manager s Code include: a r quality or quanti cts on surface wat I from licensed sou ommissioned in acc to protect groundy Are further studies required on	estic or irrigation purposes. Surface r use (must be licensed or use of farm but potential loss through produced oss contamination and/or depressurisation essurisation effects on surface water. or aquifers. Isholds and Criteria. Activities must ment as per the commitment in the . Activities must implement all measures ty. b. Activities must not cause adverse er supplies used by livestock). Water rce or farm dams (with consent of owner). Fordance with authority/title conditions, water/aquifers.
Proposed management controls Duration Application ranking What is the confidence in predicting	Water Impacts: Impacts from the use of surface Water used for exploration not available for eco runoff can be sediment laden. Generally min dams through landholder agreements). No u water in drilling / deep excavation operations. of groundwater systems in drilling operations. G Mobilisation of pollutants (such as hydrocarbons Activities must comply with CEA Location Restric comply with Exploration Code of Practice: Enviro application (APO). Relevant requirements of this to prevent causing any adverse impacts on wate impacts to livestock (including any adverse impa used for access track watering must be obtained Boreholes to be constructed, operated and deco Departmental Guidelines and Codes of Practice to Short term	or groundwater. logical, stock, dom imal surface wate ise of groundwater Interception, cri roundwater depre s) in surface water ctions, Impact Three onmental Manager is Code include: a r quality or quanti cts on surface wat I from licensed sout mmissioned in access to protect groundwater Are further studies	estic or irrigation purposes. Surface r use (must be licensed or use of farm but potential loss through produced oss contamination and/or depressurisation essurisation effects on surface water. or aquifers. Isholds and Criteria. Activities must ment as per the commitment in the . Activities must implement all measures ty. b. Activities must not cause adverse er supplies used by livestock). Water rce or farm dams (with consent of owner). Fordance with authority/title conditions, water/aquifers.

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	
Courth a improved has missioned and	r.d.	significance	
Can the impacts be mitigated?	Fully	Justification for	ranking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Water Impacts: Impacts from storage of water	1	
Potential impacts	Negligible and only localised impacts from stora	go of water M	ater used for exploration temporarily not
rotential impacts	available for ecological, stock, domestic or irriga	O	Generally minimal redirection of flow
	and changes to flow rates and volumes of a water		e runoff can be sediment laden.
	Generally minimal surface water use (must be lie	,	
	· · · · · · · · · · · · · · · · · · ·		h produced water in drilling / deep
	excavation operations.		
Proposed management controls	Activities must comply with CEA Location Restric	ctions, Impact Thre	sholds and Criteria. Activities must
	comply with the Exploration Code of Practice: En	nvironmental Man	agement as per the commitment in the
	application (APO). Relevant requirements of thi		•
	to prevent causing any adverse impacts on water		-
	impacts to livestock (including any adverse impa		
	management and storage of produced water mu		
	Exploration Code of Practice: Produced Water M		
	exploration which requires the management of water to be stored on site (excluding the manag	•	·
	that can be temporarily contained in drilling sun		
	compensation and landholder access arrangeme		
Duration	Short term	ents (e.g. arry impa	cts off faild use from storage of water).
Application ranking	Short term		
What is the confidence in predicting	High	Are further	No
impacts?		studies	
P		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	
Courth a improved has missioned and	r.di.	significance	
Can the impacts be mitigated? Do the operations comply with	Fully Yes	Justification for	ranking
standards, plans, policies?	ies		
Criteria	Water Impacts: Impacts from changes to natura	l I water hodies, we	tlands or runoff natterns
	, ,		•
Potential impacts	Negligible and only localised changes to surface laden. Generally minimal surface water use		or use of farm dams through landholder
			surisation of groundwater systems in
	drilling operations. Groundwater depressurisation		
Proposed management controls	Activities must comply with CEA Location Restrict		
	comply with Exploration Code of Practice: Enviro		
	application (APO). Relevant requirements of thi	0	•
	to prevent causing any adverse impacts on water	er quality or quanti	ty. b. All sediment and erosion
	controls (including drainage from roads/access t	racks) to be mana	ged in accordance with Blue Book. c.
	Existing access tracks to be used/upgraded when	rever possible.	All management and storage of produced
	water must comply with the title conditions. In	·	
	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
	produced water, or ii. activities which require management of incidental groundwater mixed water mixed	produced water to	be stored on site (excluding the
D. with	produced water, or ii. activities which require management of incidental groundwater mixed v drilling sumps or above ground tanks).	produced water to	be stored on site (excluding the
Duration	produced water, or ii. activities which require management of incidental groundwater mixed water mixed	produced water to	be stored on site (excluding the
Application ranking	produced water, or ii. activities which require management of incidental groundwater mixed varilling sumps or above ground tanks). Short term	produced water to with drilling fluids t	be stored on site (excluding the hat can be temporarily contained in
Application ranking What is the confidence in predicting	produced water, or ii. activities which require management of incidental groundwater mixed v drilling sumps or above ground tanks).	produced water to with drilling fluids t Are further	be stored on site (excluding the
Application ranking	produced water, or ii. activities which require management of incidental groundwater mixed varilling sumps or above ground tanks). Short term	produced water to with drilling fluids t Are further studies	be stored on site (excluding the hat can be temporarily contained in
Application ranking What is the confidence in predicting	produced water, or ii. activities which require management of incidental groundwater mixed varilling sumps or above ground tanks). Short term	produced water to with drilling fluids t Are further studies required on	be stored on site (excluding the hat can be temporarily contained in
Application ranking What is the confidence in predicting	produced water, or ii. activities which require management of incidental groundwater mixed varilling sumps or above ground tanks). Short term	Are further studies required on impacts or	be stored on site (excluding the hat can be temporarily contained in
Application ranking What is the confidence in predicting impacts?	produced water, or ii. activities which require management of incidental groundwater mixed waterilling sumps or above ground tanks). Short term High	Are further studies required on impacts or mitigation?	be stored on site (excluding the hat can be temporarily contained in
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	produced water, or ii. activities which require management of incidental groundwater mixed varilling sumps or above ground tanks). Short term	Are further studies required on impacts or mitigation?	be stored on site (excluding the hat can be temporarily contained in
Application ranking What is the confidence in predicting impacts?	produced water, or ii. activities which require management of incidental groundwater mixed waterilling sumps or above ground tanks). Short term High	Are further studies required on impacts or mitigation?	be stored on site (excluding the hat can be temporarily contained in

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	Water Impacts: Impacts from aquifer interference	e, including chang	ges 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.		
Proposed management controls	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Activities must implement all measures to prevent causing any adverse impacts on water quality or quantity. b. Activities must minimise cross connection of aquifers or groundwater sources. c. Activities must minimise any depressurisation of aquifer 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		I	
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 for	ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Water Impacts: Impacts from changes to floodin	g or tidal regimes.	
Potential impacts	Negligible and only localised changes to drainage laden.	e flows/flooding re	egime. Surface runoff can be sediment
Proposed management controls	Activities must comply with CEA Location Restrict comply with (Exploration Code of Practice: Environapplication (APO). Relevant requirements of this to prevent causing any adverse impacts on wate controls (including drainage from roads/access to Existing access tracks to be used/upgraded where water must comply with the title conditions. In Management, Storage and Transfer applies to produced water, or ii. activities which require management of incidental groundwater mixed willing sumps or above ground tanks).	onmental Manage s Code include: a r quality or quanti racks) to be manage ver possible. addition, the Exploic petroleum exploroduced water to	ement) as per the commitment in the a. Activities must implement all measures ty. b. All sediment and erosion ged in accordance with Blue Book. c. All management and storage of produced pration Code of Practice: Produced Water pration which requires the management of the bestored on site (excluding the
Duration	Short term		
Application ranking			
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No
How resilient is the environment to	High Resilience	What is the	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 for	ranking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Water Impacts: Impacts from changes in surface	or groundwater q	uality 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.		
Proposed management controls	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Activities must implement all measures to prevent causing any adverse impacts on water quality or quantity. b. 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.		
Duration	Snort term		
Application ranking	High	Aug fruithau	No
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	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	Yes		
standards, plans, policies?	Call O Clabilly Language Day and all and facility at	 	and a straight and a
Criteria	Soil & Stability Impacts: Degradation of soil quali		
Potential impacts		s) in soils. Inap cid sulfate soils.	propriate disposal of drilling wastes / Soil compaction from
Proposed management controls	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Minimising vegetation clearing and surface disturbance. b. Prevent causing any land degradation or pollution/contamination of land or water. b. All sediment and erosion controls (including drainage from roads/access tracks) to be managed in accordance with Blue Book. c. Existing access tracks to be used/upgraded wherever possible. d. Controls on sumps and management of chemicals to significantly reduce risk to soils. All management and storage of produced water must comply with the title conditions. In addition, the Exploration Code of Practice: Produced Water Management, Storage and Transfer applies to i. petroleum exploration which requires the management of produced water, or ii. activities which require produced water to be stored on site (excluding the management of incidental groundwater mixed with drilling fluids that can be temporarily contained in drilling sumps or above ground tanks). All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as		
		e: Rehabilitation).	Rehabilitation to occur as soon as
Duration	with title conditions (Exploration Code of Practic	e: Rehabilitation).	Rehabilitation to occur as soon as
Duration Application ranking	with title conditions (Exploration Code of Practic practicable after completion of activity (including	e: Rehabilitation).	Rehabilitation to occur as soon as
	with title conditions (Exploration Code of Practic practicable after completion of activity (including	e: Rehabilitation).	Rehabilitation to occur as soon as
Application ranking What is the confidence in predicting	with title conditions (Exploration Code of Practic practicable after completion of activity (including Short term	e: Rehabilitation). g sealing of any bo Are further studies required on impacts or	Rehabilitation to occur as soon as reholes).
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	with title conditions (Exploration Code of Practic practicable after completion of activity (including Short term High	Are further studies required on impacts or mitigation? What is the level of public	Rehabilitation to occur as soon as reholes). No
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	with title conditions (Exploration Code of Practic practicable after completion of activity (including Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	Rehabilitation to occur as soon as reholes). No Low
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	with title conditions (Exploration Code of Practic practicable after completion of activity (including Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	Rehabilitation to occur as soon as reholes). No Low
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	with title conditions (Exploration Code of Practic practicable after completion of activity (including Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Rehabilitation to occur as soon as reholes). No Low Low ranking

Potential impacts	Areas used for exploration activities, access tracks, etc temporarily not available for agricultural production. Temporary loss of use of land. Mobilisation of pollutants (such as hydrocarbons) in soils, air or waters. Inappropriate disposal of drilling wastes / overflow from drilling sumps. Use of pesticides, herbicides, fertilisers or other chemicals have the potential to build up residues in the environment, including in soils and water. Short term noise, air quality and visual impacts. Soil erosion and sediment laden runoff			
	and water. Short term noise, air quality and from disturbed areas, that could lead to soil or v acid sulfate soils. Spread of weeds, pest anir	vater contaminatio	9 ,	
	/ livestock operations.	nais and ammai, pi	bisraption to agricultural	
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			
	landholder access arrangements. All disturbe conditions (Exploration Code of Practice: Rehabi completion of activity (including sealing of any b	ntrol of weeds, pes nited to activity site ed areas to be reha litation). Rehabilit	t animals, diseases, etc - and use of above- e and subject to compensation and abilitated in accordance with title	
Duration	Short term			
Application ranking				
What is the confidence in predicting	High	Are further	No	
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 standards, plans, policies?	Yes			
Criteria	Soil & Stability Impacts: Loss of soil from wind or	r water erosion.		
Potential impacts	Increased risk of erosion where vegetation has b	een removed.	Potential erosion of disturbed areas.	
Proposed management controls	Activities must comply with CEA Location Restrict comply with (Exploration Code of Practice: Environments of this surface disturbance. b. Prevent causing any larth c. All sediment and erosion controls (including daccordance with Blue Book. d. Existing access the disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon and of any boreholes).	onmental Manage s Code include: a nd degradation or rainage from road tracks to be used/u e with title conditi	ement) as per the commitment in the in. Minimising vegetation clearing and pollution/contamination of land or water. s/access tracks) to be managed in upgraded wherever possible. All ons (Exploration Code of Practice:	
Duration	Short term			
Application ranking		1		
What is the confidence in predicting	High	Are further	No	
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		
On the Land	W	concern?	1	
Can the impacts be reversed?	Yes	Ranking of potential	Low	
Can the imposts he witiget - 12	Eully	significance	ranking	
Can the impacts be mitigated?	Fully	Justification for	ranking	
Do the operations comply with	Yes			
والمراجع والم والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراج	163			
standards, plans, policies?		ity of the soil		
Criteria	Soil & Stability Impacts: Loss of structural integri	•		
	Soil & Stability Impacts: Loss of structural integri Soil compaction from access traffic, use of plant	and machinery.	Soil erosion from disturbed areas / areas	

Proposed management controls Duration Application ranking What is the confidence in predicting	Activities must comply with CEA Location Restric comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of this surface disturbance. b. Prevent causing any land b. All sediment and erosion controls (including discordance with Blue Book. c. Existing access to on sumps and management of chemicals to sign rehabilitated in accordance with title conditions to occur as soon as practicable after completion of any access tracks which need to be rehabilitated limited due to low traffic numbers and short term. High	onmental Manage s Code include: and degradation or prainage from road racks to be used/uificantly reduce ris (Exploration Code of activity (includited can remediate	ment) as per the commitment in the in Minimising vegetation clearing and pollution/contamination of land or water. s/access tracks) to be managed in appraded wherever possible. d. Controls is k to soils. All disturbed areas to be of Practice: Rehabilitation). Rehabilitationing sealing of any boreholes). Deep ripping compaction impacts. Impact generally
impacts?		studies required on impacts or	
He will be the section of the	Unit Berthere	mitigation?	1
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public	Low
cope with impacts:		concern?	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification for	ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Soil & Stability Impacts: Increased land instability	y with high risks fro	om 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 with the activity, extraction of groundwater, etc.		
Proposed management controls	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Minimising vegetation clearing and surface disturbance. b. Prevent causing any land degradation or pollution/contamination of land or wate c. All sediment and erosion controls (including drainage from roads/access tracks) to be managed in accordance with Blue Book (includes controls to manage instability risks). d. Existing access tracks to be used/upgraded wherever possible. e. Controls on sumps and management of chemicals to significantly reduce risk to soils. All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completi 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 for	ranking
Do the operations comply with	Yes		<u> </u>
standards, plans, policies?	Noise & Vibration Impacts: Decults in increased	l noice or vibration	
Potential impacts	Noise & Vibration Impacts: Results in increased noise or vibration. 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 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	Activities must comply with CEA Location Restrict comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of this ensure noise levels meet acceptable criteria for landholders at least 24hrs prior to detonating ex Guidelines and/or EPL and/or landholder agreen (peak particle velocity) at any residence/sensitiv mm/s for any item of Aboriginal / European heri Vibrating machinery not to be used within 200m heritage significance or any cliff line greater that exploration activity.	onmental Manage s Code include: a sensitive receivers cplosives. c. Com nents. d. Ground e receiver. e. Gro tage significance co of sensitive receiver.	ement) as per the commitment in the a. Implementing all practicable measures to b. Notifying potentially affected pliance with Interim Construction Noise vibration thresholds limited to 5 mm/s bound vibration thresholds limited to 3 or cliff line greater than 4m in height.
Duration	Short term		
Application ranking			
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No
How resilient is the environment to	High Resilience	What is the	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 for	ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Noise & Vibration Impacts: Affects sensitive rece	eptors.	
Proposed management controls	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. 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 / Europea heritage significance or any cliff line greater than 4m in height. Impacts limited to immediate vicinity of exploration activity.		
Duration	Short term		
Application ranking			Ι.,.
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 for	ranking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Coastal Location & Processes: Affects coastal proclimate change conditions.		
Potential impacts	Activities along the coastline / floodways have the potential to exacerbate coastal erosion (rising sea levels and increased storm activity under projected climate change conditions could result in increased erosion along the coastline / floodways).		

			1.11 1.20 1.20 1.20 1.20
Proposed management controls	Activities must comply with CEA Location Restric		
	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 t	racks) to be mana	ged in accordance with Blue Book. CO2
	emissions from activities are extremely limited a	nd inconsequentia	al in context of global emissions and
	impact. Restrictions on use of ozone depleting	ng substances in N	SW also limits ozone depletion. All
	disturbed areas to be rehabilitated in accordanc	e with title conditi	ons (Exploration Code of Practice:
	Rehabilitation). Rehabilitation to occur as soon a	s practicable after	completion of activity (including sealing
	of any boreholes).		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Duration	Short term		
	Short term		
Application ranking			Ι
What is the confidence in predicting	High	Are further	No
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
can the impacts be reversed:	163		LOW
		potential	
		significance	
Can the impacts be mitigated?	Fully	Justification for	ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Hazardous substances or chemicals: Impacts ass	ociated with the u	se, generation, storage or transport of
	hazardous substances or chemicals.		
Potential impacts	Mobilisation of pollutants (such as hydrocarbons	s) in air, soils or wa	aters. Inappropriate disposal of drilling
			icides, fertilisers or other chemicals have
			•
Barrier de la constantination de la constant	the potential to build up residues in the environ		
Proposed management controls	Activities must comply with CEA Location Restric		
	comply with (Exploration Code of Practice: Envir	_	
	application (APO). Relevant requirements of thi	s Code include: a	. Preventing contamination of the
	environment by the release of chemicals, fuels,	other potential po	llutants. 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 environr		esticides, herbicides, fertilisers or other
	chemicals must comply with legislative requirem	•	
			gement and storage of produced water
	to be collected, segregated and disposed of lawf	,	
	must comply with the title conditions. In addition	•	
	Management, Storage and Transfer applies to		-
	produced water, or ii. activities which require		
	management of incidental groundwater mixed v	vith drilling fluids t	hat can be temporarily contained in
	drilling sumps or above ground tanks). All dis	sturbed areas to be	e rehabilitated in accordance with title
	conditions (Exploration Code of Practice: Rehabi	litation). Rehabilit	ation to occur as soon as practicable after
	completion of activity.		
Duration	Short term		
Application ranking			
	High	Are further	No
What is the confidence in predicting	High	Are further	No
What is the confidence in predicting impacts?	High	studies	No
	High	studies required on	No
	High	studies required on impacts or	No
	High	studies required on	No
	High High Resilience	studies required on impacts or	No
impacts?	· ·	studies required on impacts or mitigation?	
impacts? How resilient is the environment to	· ·	studies required on impacts or mitigation? What is the level of public	
How resilient is the environment to cope with impacts?	High Resilience	studies required on impacts or mitigation? What is the level of public concern?	Low
impacts? How resilient is the environment to	· ·	studies required on impacts or mitigation? What is the level of public concern? Ranking of	
How resilient is the environment to cope with impacts?	High Resilience	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	Low
How resilient is the environment to cope with impacts? Can the impacts be reversed?	High Resilience Yes	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	Low
How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated?	High Resilience Yes Fully	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	Low
How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	High Resilience Yes	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	Low
How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated?	High Resilience Yes Fully	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	Low
How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	High Resilience Yes Fully	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Low
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	High Resilience Yes Fully Yes Wastes & Emissions: Impacts to the environment	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Low ranking e generation or disposal of wastes.
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?	High Resilience Yes Fully Yes Wastes & Emissions: Impacts to the environment Mobilisation of pollutants (such as hydrocarbons)	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for t resulting from the	Low Low ranking te generation or disposal of wastes. sters. Inappropriate disposal of drilling
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	High Resilience Yes Fully Yes Wastes & Emissions: Impacts to the environment Mobilisation of pollutants (such as hydrocarbons wastes / overflow from drilling sumps. Fugit	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for t resulting from the s) in soils, air or wa ive emissions of go	Low Low ranking the generation or disposal of wastes. sters. Inappropriate disposal of drilling asses or vapour from drilling operations or
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	High Resilience Yes Fully Yes Wastes & Emissions: Impacts to the environment Mobilisation of pollutants (such as hydrocarbons wastes / overflow from drilling sumps. Fugit	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for t resulting from the s) in soils, air or wa ive emissions of gr rbicides, fertilisers	Low Low ranking te generation or disposal of wastes. sters. Inappropriate disposal of drilling

Duration Application ranking	Activities must comply with CEA Location Restrict comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of this environment by the release of chemicals, fuels, degradation or pollution/contamination of land chemicals to significantly reduce risk to environ chemicals must comply with legislative requirem collected, segregated and disposed of lawfully. comply with the title conditions. In addition, the Management, Storage and Transfer applies to produced water, or ii. activities which require management of incidental groundwater mixed willing sumps or above ground tanks). All diconditions (Exploration Code of Practice: Rehabicompletion of activity.	conmental Manage is Code include: a other potential po or water. c. Co ment. d. Use of p nents. e. Wastes All managemer e Exploration Code i. petroleum explo produced water to with drilling fluids t sturbed areas to b	ement) as per the commitment in the a. Preventing contamination of the Illutants. b. Preventing any land ontrols on sumps and management of sesticides, herbicides, fertilisers or other (including any drilling by-products) to be nt and storage of produced water must be of Practice: Produced Water oration which requires the management of the bestored on site (excluding the that can be temporarily contained in the rehabilitated in accordance with title
What is the confidence in predicting	High	Are further	No
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?	<u> </u>
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	Wastes & Emissions: Impacts on drinking water or flood prone areas.	catchments, wetla	inds, natural water bodies, riparian zones
	·	is been removed. andholder agreem g / deep excavation dwater systems in dobilisation of poll luse stream bank e	Generally minimal surface water use nents). No use of groundwater but noperations. Interception, cross norilling operations. Groundwater utants (such as hydrocarbons) in surface erosion from vehicle wash.
Proposed management controls	Activities must comply with CEA Location Restrict comply with (Exploration Code of Practice: Environments of this to prevent causing any adverse impacts on water controls (including drainage from roads/access to management and storage of produced water must exploration Code of Practice: Produced Water Notes water to be stored on site (excluding the management of water to be stored on site (excluding the management can be temporarily contained in drilling sun rehabilitated in accordance with title conditions to occur as soon as practicable after completion	ronmental Manage is Code include: a er quality or quanti cracks) to be mana ust comply with the Management, Stora produced water, o ement of incidenti nps or above grour (Exploration Code	ement) as per the commitment in the a. Activities must implement all measures ity. b. All sediment and erosion ged in accordance with Blue Book. All e title conditions. In addition, the age and Transfer applies to i. petroleum or ii. activities which require produced all groundwater mixed with drilling fluids and tanks). All disturbed areas to be
Duration	Short term		
Application ranking			
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No
How resilient is the environment to	High Resilience	What is the	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 for	ranking
Do the operations comply with	Yes		. 0
standards, plans, policies?			

Criteria	Wastes & Emissions: Impacts on groundwater re	echarge areas or ar	reas 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.		
Proposed management controls	Activities must comply with CEA Location Restrict comply with (Exploration Code of Practice: Environment application (APO). Relevant requirements of this to prevent causing any adverse impacts on water produced water must comply with the title concept of the produced Water Management, Storage and Transmanagement of produced water, or ii. activities (excluding the management of incidental ground contained in drilling sumps or above ground tand decommissioned in accordance with authority/t Practice to protect groundwater/aquifers. Drill hon recharge and salinity).	conmental Manage s Code include: a er quality or quanti litions. In addition nsfer applies to i es which require pr dwater mixed with ks). Boreholes itle conditions, De	ement) as per the commitment in the a. Activities must implement all measures ty. All management and storage of a, the Exploration Code of Practice: . petroleum exploration which requires the roduced water to be stored on site a drilling fluids that can be temporarily to be constructed, operated and partmental Guidelines and Codes of
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 for	ranking
Do the operations comply with	Yes		
standards, plans, policies? Criteria	Wastes and Emissions: Impacts on coastlines or landforms.	dunes, alpine area	s, karst features or other unique
Potential impacts	Negligible and only localised impacts on unique water or aquifers. Short term noise, air quali and machinery; fugitive emissions of gases or va Soil erosion and sediment laden runoff from dist or land degradation. Exposure of acid sulfate diseases. Damage to structures and sensitive coastline / floodways have the potential to exact activity under projected climate change condition floodways).	ity and visual impa pour from drilling turbed areas, that e soils. Spread e features, such as erbate coastal ero	operations and the operation of flares. could lead to soil or water contamination of weeds, pest animals and animal/plant unique landforms. Activities along the sion (rising sea levels and increased storm
Proposed management controls	Impact limited to activity site and subject to con Activities must comply with CEA Location Restric comply with (Exploration Code of Practice: Envir	ctions, Impact Thre conmental Manage rehabilitated in a	esholds and Criteria. Activities must ement) as per the commitment in the eccordance with title conditions
Duration	Short term		
Application ranking			
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	Low
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
	1	luctification for	ranking
Can the impacts be mitigated?	Fully Justification for ranking Yes		
Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	•		

5	land the state of the state of			
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.			
			-	
Proposed management controls	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			
			erosion controls (including drainage from	
	roads/access tracks) to be managed in accordar	nce with Blue Book	(includes controls to manage instability	
	risks). d. Existing access tracks to be used/upg	raded wherever po	ossible. All disturbed areas to be	
	rehabilitated in accordance with title conditions (Exploration Code of Practice: 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	High	Are further	No	
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 standards, plans, policies?	Yes			
Criteria	Wastes & Emissions: Impacts on subsidence or	slip areas.		
Potential impacts	Soil erosion from disturbed areas / areas where	vegetation has be	en removed may increase risk of slips.	
	Drilling operations unlikely to contribute to slips	s or subsidence.		
Proposed management controls	Activities must comply with CEA Location Restri	ctions, Impact Thre	esholds and Criteria. Activities must	
	comply with (Exploration Code of Practice: Envi	ronmental Manage	ement) as per the commitment in the	
	application (APO). Relevant requirements of th			
	surface disturbance. b. Prevent causing any la	nd degradation or	pollution/contamination of land or water.	
	c. All sediment and erosion controls (including o	-	· · · · · · · · · · · · · · · · · · ·	
	accordance with Blue Book (includes controls to	_		
	, , , ,		habilitated in accordance with title	
	conditions (Exploration Code of Practice: Rehab	ilitation). Rehabilit	ation to occur as soon as practicable after	
	completion of activity.			
Duration	Short term			
Application ranking What is the confidence in predicting	Ligh	Are further	No	
impacts?	High	studies	INO INO	
impacts:				
		required on impacts or		
		mitigation?		
How resilient is the environment to	High Resilience	What is the	Low	
cope with impacts?	High Resilience	level of public	LOW	
cope with impacts:		concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
can the impacts be reversed.	163	potential	LOW	
		significance		
Can the impacts be mitigated?	Fully	Justification for	ranking	
Do the operations comply with	Yes	Jastineation 101		
standards, plans, policies?				
Criteria Criteria	Wastes & Emissions: Impacts on areas with acid	l sulphate, sodic or	highly permeable soils.	
Potential impacts	Vegetation removal unlikely to exacerbate acid	sulfate or sodicity	issues. Drilling activities unlikely to	
	Potential impacts Vegetation removal unlikely to exacerbate acid sulfate or sodicity issues. Drilling active exacerbate acid sulfate or sodicity issues. Soil erosion and sediment laden runoff from areas where vegetation has been removed.			

Proposed management controls Duration	Activities must comply with CEA Location Restrict comply with (Exploration Code of Practice: Environapplication (APO). Relevant requirements of this surface disturbance. b. Prevent causing any larc. All sediment and erosion controls (including daccordance with Blue Book. d. Existing access ton sumps and management of chemicals to sign rehabilitated in accordance with title conditions to occur as soon as practicable after completion numbers and short term nature of exploration.	onmental Manage s Code include: a nd degradation or rainage from road tracks to be used/u ificantly reduce ris (Exploration Code	ement) as per the commitment in the in. Minimising vegetation clearing and pollution/contamination of land or water. s/access tracks) to be managed in upgraded wherever possible. e. Controls is to soils. All disturbed areas to be
	Short term		
Application ranking	18.1.	A C .th	Late
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 for	ranking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Wastes & Emissions: Impacts on areas with salin	ity or potential sal	linity problems.
Proposed management controls	Activities unlikely to exacerbate salinity problems. Vegetation removal may reduce vegetation drawdown of water table. Spills of saline produced water. Vegetation removal unlikely to exacerbacid sulfate or sodicity issues. Soil erosion and sediment laden runoff from disturbed areas / areas where vegetation has been removed. Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Minimising vegetation clearing and surface disturbance. b. Prevent causing any land degradation or pollution/contamination of land or wat 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 to soils. All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of		
Duration	Practice: Rehabilitation). Rehabilitation to occur 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 for	ranking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Wastes & Emissions: Impacts on areas with degr	aded or contamin	ated land.
Potential impacts	Activity unlikely to result in any change to existing erosion and sediment laden runoff from disturbed Mobilisation of pollutants (such as hydrocarbons overflow from drilling sumps. Exposure of a operations. Vegetation removal unlikely to he	ed areas / areas w s) in soils. Inar cid sulfate soils.	here vegetation has been removed. opropriate disposal of drilling wastes / Soil compaction from construction /

Dronocod management controls	Activities must comply with CEA Location Bestier	tions Impact The	scholds and Critoria Activities must	
Proposed management controls	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Minimising vegetation clearing and surface disturbance. b. Prevent causing any land degradation or pollution/contamination of land or water. c. All sediment and erosion controls (including drainage from roads/access tracks) to be managed in accordance with Blue Book. d. Controls on sumps and management of chemicals to significantly reduce risk to soils. All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity. Impacts generally limited due to short term nature of exploration. Activity unlikely to exacerbate any existing contamination.			
Duration	Short term			
Application ranking				
What is the confidence in predicting impacts?	High	Are further studies required on impacts or	No	
		mitigation?		
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	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	Yes			
standards, plans, policies?				
Criteria	Wastes & Emissions: Impacts on areas with degr	aded or contamina	ated water (ground or surface).	
Potential impacts	Activities unlikely to have any additional impacts	on areas with exi	sting degraded or contaminated water	
·	(ground or surface). Boreholes to be cased when	aquifers intercep	ted. Surface runoff can be sediment	
	laden from areas where vegetation has been ren		ption, cross contamination and/or	
	depressurisation of groundwater systems in drill		· · · ·	
			s) in surface water or aquifers.	
	Inappropriate disposal of drilling wastes / overflosulfate soils.	•		
	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Activities must implement all measure 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 aquif 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 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 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 accordan 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.			
P. with	practicable after completion of activity (including exacerbate any existing surface or groundwater	e: Rehabilitation). g sealing of any bo	Rehabilitation to occur as soon as	
Duration	practicable after completion of activity (including	e: Rehabilitation). g sealing of any bo	Rehabilitation to occur as soon as	
Application ranking	practicable after completion of activity (including exacerbate any existing surface or groundwater Short term	e: Rehabilitation). g sealing of any bo contamination.	Rehabilitation to occur as soon as reholes). Activities unlikely to	
	practicable after completion of activity (including exacerbate any existing surface or groundwater	e: Rehabilitation). g sealing of any bo	Rehabilitation to occur as soon as	
Application ranking What is the confidence in predicting	practicable after completion of activity (including exacerbate any existing surface or groundwater Short term High	e: Rehabilitation). g sealing of any bo contamination. Are further studies required on impacts or	Rehabilitation to occur as soon as reholes). Activities unlikely to	
Application ranking What is the confidence in predicting impacts?	practicable after completion of activity (including exacerbate any existing surface or groundwater Short term	e: Rehabilitation). g sealing of any bo contamination. Are further studies required on impacts or mitigation?	Rehabilitation to occur as soon as reholes). Activities unlikely to No	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	practicable after completion of activity (including exacerbate any existing surface or groundwater Short term High	e: Rehabilitation). g sealing of any bo contamination. Are further studies required on impacts or mitigation? What is the level of public	Rehabilitation to occur as soon as reholes). Activities unlikely to No	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	practicable after completion of activity (including exacerbate any existing surface or groundwater.) Short term High High Resilience	e: Rehabilitation). g sealing of any bo contamination. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	Rehabilitation to occur as soon as reholes). Activities unlikely to No Low	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	practicable after completion of activity (including exacerbate any existing surface or groundwater). Short term High High Resilience Yes Fully Yes	e: Rehabilitation). g sealing of any bocontamination. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Rehabilitation to occur as soon as reholes). Activities unlikely to No Low Low ranking	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	practicable after completion of activity (including exacerbate any existing surface or groundwater.) Short term High High Resilience Yes	e: Rehabilitation). g sealing of any bocontamination. Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Rehabilitation to occur as soon as reholes). Activities unlikely to No Low Low ranking	

Potential impacts				
r otentiai iinpacts	Vegetation removal can decrease available forag			
	species from regular place of residence.	pacts on vegetation	n species and ecological communities.	
	Vegetation removal and activities can temporari	ly impact wildlife of	corridors and remnant vegetation.	
	Areas used for exploration activities, access trac	ks, etc not availabl	e for fauna habitat. Mobilisation of	
	pollutants (such as hydrocarbons) in soils, air or	waters can potent	ially impact fauna. Drilling sumps can	
			or other chemicals have the potential to	
	build up residues in the environment, including	·	·	
	_ =		d areas, that could lead to soil or water	
	· ·		•	
		e of acid sulfate so	oils. Spread of weeds, pest animals and	
	animal/plant diseases.			
Proposed management controls	Activities must comply with CEA Location Restric			
	comply with (Exploration Code of Practice: Envir			
	application (APO). Relevant requirements of thi			
	and surface disturbance to as low as practicable	 b. Prevent adve 	rse 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 rehabilit	e 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	High	Aug fronthau	No	
	High	Are further	No	
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	
can the impacts be reversed:	163	_	LOW	
		potential		
		significance		
Can the impacts be mitigated?	Fully	Justification for	ranking	
Do the operations comply with	Yes			
standards, plans, policies?	TI . 15 C			
Criteria	Threatened Fauna Species: Any adverse effect o	•	· ·	
	local population of the species is likely to be place			
Potential impacts	No impacts. CEA impact thresholds apply. A	No impacts. CEA impact thresholds apply. An activity cannot be a CEA if it: 1. occurs on lan		
	as areas of outstanding biodiversity value / critical habitat, 2. has a significant effect on			
	or ecological communites, or their habitats.			
Proposed management controls				
Proposed management controls Duration	or ecological communites, or their habitats.			
Duration	or ecological communites, or their habitats. N/A			
Duration Application ranking	or ecological communites, or their habitats. N/A N/A	cal habitat, 2. has	a significant effect on threatened species	
Duration Application ranking What is the confidence in predicting	or ecological communites, or their habitats. N/A	aal habitat, 2. has		
Duration Application ranking	or ecological communites, or their habitats. N/A N/A	Are further studies	a significant effect on threatened species	
Duration Application ranking What is the confidence in predicting	or ecological communites, or their habitats. N/A N/A	Are further studies required on	a significant effect on threatened species	
Duration Application ranking What is the confidence in predicting	or ecological communites, or their habitats. N/A N/A	Are further studies required on impacts or	a significant effect on threatened species	
Duration Application ranking What is the confidence in predicting impacts?	or ecological communites, or their habitats. N/A N/A N/A	Are further studies required on impacts or mitigation?	a significant effect on threatened species N/A	
Duration Application ranking What is the confidence in predicting	or ecological communites, or their habitats. N/A N/A	Are further studies required on impacts or mitigation?	a significant effect on threatened species	
Duration Application ranking What is the confidence in predicting impacts?	or ecological communites, or their habitats. N/A N/A N/A	Are further studies required on impacts or mitigation?	a significant effect on threatened species N/A	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	or ecological communites, or their habitats. N/A N/A N/A	Are further studies required on impacts or mitigation?	a significant effect on threatened species N/A	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	or ecological communites, or their habitats. N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern?	a significant effect on threatened species N/A Low	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	or ecological communites, or their habitats. N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of	a significant effect on threatened species N/A	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	or ecological communites, or their habitats. N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	a significant effect on threatened species N/A Low	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	or ecological communites, or their habitats. N/A N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	N/A Low Low	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	or ecological communites, or their habitats. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	N/A Low Low	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the operations comply with	or ecological communites, or their habitats. N/A N/A N/A N/A N/A N/A	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	N/A Low Low	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	or ecological communites, or their habitats. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	N/A Low Low ranking	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the operations comply with	or ecological communites, or their habitats. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	N/A Low Low ranking	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	or ecological communites, or their habitats. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	N/A Low Low ranking ny threatened species such that a viable	
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?	or ecological communites, or their habitats. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	N/A Low Low ranking ny threatened species such that a viable	
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	or ecological communites, or their habitats. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	N/A Low Low ranking ny threatened species such that a viable cition. e a CEA if it: 1. occurs on land declares	
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	or ecological communites, or their habitats. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the life cycle of arced at risk of extinun activity cannot bical habitat, 2. h	N/A Low Low ranking ny threatened species such that a viable cition. e a CEA if it: 1. occurs on land declares	
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	or ecological communites, or their habitats. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the life cycle of arced at risk of extinun activity cannot bical habitat, 2. h	N/A Low Low ranking ny threatened species such that a viable cition. e a CEA if it: 1. occurs on land declares	
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	or ecological communites, or their habitats. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the life cycle of arced at risk of extinun activity cannot bical habitat, 2. h	N/A Low Low ranking ny threatened species such that a viable cition. e a CEA if it: 1. occurs on land declares	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration	or ecological communites, or their habitats. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the life cycle of arced at risk of extinun activity cannot bical habitat, 2. h	N/A Low Low ranking ny threatened species such that a viable cition. e a CEA if it: 1. occurs on land declares	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	or ecological communites, or their habitats. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the life cycle of arced at risk of extinun activity cannot bical habitat, 2. h	N/A Low Low ranking ny threatened species such that a viable ction. e a CEA if it: 1. occurs on land declares as a significant effect on any threatened	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration	or ecological communites, or their habitats. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the life cycle of arced at risk of extinun activity cannot bical habitat, 2. h	N/A Low Low ranking ny threatened species such that a viable cition. e a CEA if it: 1. occurs on land declares	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	or ecological communites, or their habitats. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the life cycle of arced at risk of extinen activity cannot bical habitat, 2. hasts.	N/A Low Low ranking ny threatened species such that a viable ction. e a CEA if it: 1. occurs on land declares as a significant effect on any threatened	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	or ecological communites, or their habitats. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the life cycle of arced at risk of extinunactivity cannot bical habitat, 2. heats.	N/A Low Low ranking ny threatened species such that a viable ction. e a CEA if it: 1. occurs on land declares as a significant effect on any threatened	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	or ecological communites, or their habitats. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the life cycle of arced at risk of extinun activity cannot bical habitat, 2. heats. Are further studies required on	Low Low Low threatened species such that a viable ction. e a CEA if it: 1. occurs on land declares as a significant effect on any threatened	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	or ecological communites, or their habitats. N/A N/A N/A N/A N/A N/A N/A N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the life cycle of arced at risk of extinuation activity cannot bical habitat, 2. heats.	Low Low Low threatened species such that a viable ction. e a CEA if it: 1. occurs on land declares as a significant effect on any threatened	

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	Low	
can the impacts be reversed:	N/A		LOW	
		potential		
		significance	<u></u>	
Can the impacts be mitigated?	N/A	Justification for	ranking	
Do the operations comply with	N/A			
standards, plans, policies?				
Criteria	Areas of outstanding biodiversity value/Critical h	nabitat: This includ	es: a. declared areas of outstanding	
	biodiversity value under the Biodiversity Conserv	vation Act 2016 k	o. areas declared critical habitat under the	
	Fisheries Management Act 1994.			
Potential impacts	Potential impacts limited due to CEA impact three	eshold restrictions.	CEAs are not permitted to occur on	
·	land declared as areas of outstanding biodiversit			
	have a significant impact on threatened fauna or			
	(Also refer to flora and fauna impact tables).			
Proposed management controls	N/A		_	
Duration	N/A			
	N/A			
Application ranking				
What is the confidence in predicting	N/A	Are further	N/A	
impacts?		studies		
		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	N/A	What is the	Low	
cope with impacts?	, ·	level of public		
TOPO WITH HIPAGEST		concern?		
Can the impacts be reversed?	N/A	Ranking of	Low	
can the impacts be reversed:	17/4	potential	LOW	
		significance	<u></u>	
Can the impacts be mitigated?	N/A	Justification for	ranking	
Do the operations comply with	N/A			
standards, plans, policies?				
Criteria	Endangered ecological community or critically en			
	is likely to have an adverse effect on the extent of the ecological community such that its local			
	occurrence is likely to be placed at risk of extinct		is likely to substantially and adversely	
	modify the composition of the ecological commu	unity such that its	ocal occurrence is likely to be placed at	
	risk of extinction.	•	, ,	
Potential impacts	Vegetation removal and activities can temporari	ly impact ecologic	al communities. Areas cleared for	
p	exploration activities, access tracks, etc not avail			
	herbicides, fertilisers or other chemicals have the			
			noff from disturbed areas, that could lead	
	to soil or water contamination or land degradati		weeds, pest animals and animal/plant	
		•	cks, etc can interrupt movement of fauna	
	_	cated by access tra	- ·, · · · · · · · · · · · · · · · · · ·	
Duamagad managament controls	species.		·	
Proposed management controls	species. Activities must comply with CEA Location Restrict	ctions, Impact Thre	sholds and Criteria. Activities must	
Proposed management controls	species. Activities must comply with CEA Location Restric comply with (Exploration Code of Practice: Envir	ctions, Impact Thre conmental Manage	sholds and Criteria. Activities must ment) as per the commitment in the	
Proposed management controls	species. Activities must comply with CEA Location Restric comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of this	ctions, Impact Thre onmental Manage s Code include: a	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing	
Proposed management controls	species. Activities must comply with CEA Location Restric comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of this and surface disturbance to as low as practicable.	ctions, Impact Thre conmental Manage s Code include: a . b. Prevent adve	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation	
Proposed management controls	species. Activities must comply with CEA Location Restric comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of this	ctions, Impact Thre conmental Manage s Code include: a . b. Prevent adve	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation	
Proposed management controls	species. Activities must comply with CEA Location Restriction comply with (Exploration Code of Practice: Enviroapplication (APO). Relevant requirements of this and surface disturbance to as low as practicable clearing, including relocation of resident fauna.	ctions, Impact Thre onmental Manage s Code include: a . b. Prevent adve c. Access track w	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation	
Proposed management controls	species. Activities must comply with CEA Location Restriction comply with (Exploration Code of Practice: Enviroapplication (APO). Relevant requirements of this and surface disturbance to as low as practicable clearing, including relocation of resident fauna.	ctions, Impact Thre conmental Manage s Code include: a b. Prevent adve c. Access track w ed in accordance v	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation idths unlikely to pose significant barrier to vith title conditions (Exploration Code of	
Proposed management controls Duration	species. Activities must comply with CEA Location Restriction comply with (Exploration Code of Practice: Enviroapplication (APO). Relevant requirements of this and surface disturbance to as low as practicable clearing, including relocation of resident fauna. fauna. All disturbed areas to be rehabilitated.	ctions, Impact Thre conmental Manage s Code include: a b. Prevent adve c. Access track w ed in accordance v	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation idths unlikely to pose significant barrier to vith title conditions (Exploration Code of	
Duration	species. Activities must comply with CEA Location Restriction comply with (Exploration Code of Practice: Enviroapplication (APO). Relevant requirements of this and surface disturbance to as low as practicable clearing, including relocation of resident fauna. fauna. All disturbed areas to be rehabilitated Practice: Rehabilitation). Rehabilitation to occur	ctions, Impact Thre conmental Manage s Code include: a b. Prevent adve c. Access track w ed in accordance v	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation idths unlikely to pose significant barrier to vith title conditions (Exploration Code of	
Duration Application ranking	species. Activities must comply with CEA Location Restriction comply with (Exploration Code of Practice: Environapplication (APO). Relevant requirements of this and surface disturbance to as low as practicable clearing, including relocation of resident fauna. fauna. All disturbed areas to be rehabilitated Practice: Rehabilitation). Rehabilitation to occur Short term	ctions, Impact Thre conmental Manage s Code include: a b. Prevent adve c. Access track w ed in accordance w as soon as practic	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation idths unlikely to pose significant barrier to vith title conditions (Exploration Code of able after completion of activity.	
Duration Application ranking What is the confidence in predicting	species. Activities must comply with CEA Location Restriction comply with (Exploration Code of Practice: Enviroapplication (APO). Relevant requirements of this and surface disturbance to as low as practicable clearing, including relocation of resident fauna. fauna. All disturbed areas to be rehabilitated Practice: Rehabilitation). Rehabilitation to occur	ctions, Impact Thre conmental Manage s Code include: a b. Prevent adve c. Access track w ed in accordance v as soon as practice	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation idths unlikely to pose significant barrier to vith title conditions (Exploration Code of	
Duration Application ranking	species. Activities must comply with CEA Location Restriction comply with (Exploration Code of Practice: Environapplication (APO). Relevant requirements of this and surface disturbance to as low as practicable clearing, including relocation of resident fauna. fauna. All disturbed areas to be rehabilitated Practice: Rehabilitation). Rehabilitation to occur Short term	ctions, Impact Thre conmental Manage s Code include: a b. Prevent adve c. Access track w ed in accordance v as soon as practice Are further studies	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation idths unlikely to pose significant barrier to vith title conditions (Exploration Code of able after completion of activity.	
Duration Application ranking What is the confidence in predicting	species. Activities must comply with CEA Location Restriction comply with (Exploration Code of Practice: Environapplication (APO). Relevant requirements of this and surface disturbance to as low as practicable clearing, including relocation of resident fauna. fauna. All disturbed areas to be rehabilitated Practice: Rehabilitation). Rehabilitation to occur Short term	ctions, Impact Thre conmental Manage s Code include: a b. Prevent adve c. Access track w ed in accordance v as soon as practice Are further studies required on	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation idths unlikely to pose significant barrier to vith title conditions (Exploration Code of able after completion of activity.	
Duration Application ranking What is the confidence in predicting	species. Activities must comply with CEA Location Restriction comply with (Exploration Code of Practice: Environapplication (APO). Relevant requirements of this and surface disturbance to as low as practicable clearing, including relocation of resident fauna. fauna. All disturbed areas to be rehabilitated Practice: Rehabilitation). Rehabilitation to occur Short term	ctions, Impact Thre conmental Manage s Code include: a b. Prevent adve c. Access track w ed in accordance v as soon as practica Are further studies required on impacts or	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation idths unlikely to pose significant barrier to vith title conditions (Exploration Code of able after completion of activity.	
Duration Application ranking What is the confidence in predicting impacts?	species. Activities must comply with CEA Location Restric comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of this and surface disturbance to as low as practicable. clearing, including relocation of resident fauna. fauna. All disturbed areas to be rehabilitate Practice: Rehabilitation). Rehabilitation to occur Short term	ctions, Impact Thre conmental Manage s Code include: a b. Prevent adve c. Access track w ed in accordance v as soon as practica Are further studies required on impacts or mitigation?	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation idths unlikely to pose significant barrier to vith title conditions (Exploration Code of able after completion of activity.	
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Duration Application ranking What is the confidence in predicting impacts?	species. Activities must comply with CEA Location Restric comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of this and surface disturbance to as low as practicable. clearing, including relocation of resident fauna. fauna. All disturbed areas to be rehabilitate Practice: Rehabilitation). Rehabilitation to occur Short term	ctions, Impact Thre conmental Manage s Code include: a b. Prevent adve c. Access track wed in accordance v as soon as practica Are further studies required on impacts or mitigation? What is the level of public	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation idths unlikely to pose significant barrier to vith title conditions (Exploration Code of able after completion of activity.	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	species. Activities must comply with CEA Location Restric comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of this and surface disturbance to as low as practicable. clearing, including relocation of resident fauna. fauna. All disturbed areas to be rehabilitate Practice: Rehabilitation). Rehabilitation to occur Short term	ctions, Impact Thre conmental Manage s Code include: a b. Prevent adve c. Access track wed in accordance v as soon as practicate Are further studies required on impacts or mitigation? What is the	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation idths unlikely to pose significant barrier to vith title conditions (Exploration Code of able after completion of activity.	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	species. Activities must comply with CEA Location Restric comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of this and surface disturbance to as low as practicable. clearing, including relocation of resident fauna. fauna. All disturbed areas to be rehabilitate Practice: Rehabilitation). Rehabilitation to occur Short term	ctions, Impact Thre conmental Manage s Code include: a b. Prevent adve c. Access track wed in accordance v as soon as practica Are further studies required on impacts or mitigation? What is the level of public	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation idths unlikely to pose significant barrier to vith title conditions (Exploration Code of able after completion of activity.	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	species. Activities must comply with CEA Location Restric comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of this and surface disturbance to as low as practicable. clearing, including relocation of resident fauna. fauna. All disturbed areas to be rehabilitate Practice: Rehabilitation). Rehabilitation to occur Short term High High Resilience	ctions, Impact Thre conmental Manage s Code include: a b. Prevent adve c. Access track wed in accordance v as soon as practica Are further studies required on impacts or mitigation? What is the level of public concern?	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation idths unlikely to pose significant barrier to vith title conditions (Exploration Code of able after completion of activity.	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	species. Activities must comply with CEA Location Restric comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of this and surface disturbance to as low as practicable. clearing, including relocation of resident fauna. fauna. All disturbed areas to be rehabilitate Practice: Rehabilitation). Rehabilitation to occur Short term High High Resilience	ctions, Impact Thre conmental Manage s Code include: a b. Prevent adve c. Access track wed in accordance v as soon as practical Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation idths unlikely to pose significant barrier to vith title conditions (Exploration Code of able after completion of activity.	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	species. Activities must comply with CEA Location Restric comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of this and surface disturbance to as low as practicable. clearing, including relocation of resident fauna. fauna. All disturbed areas to be rehabilitate Practice: Rehabilitation). Rehabilitation to occur Short term High High Resilience	ctions, Impact Thre conmental Manage s Code include: a b. Prevent adve c. Access track wed in accordance v as soon as practica Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation idths unlikely to pose significant barrier to vith title conditions (Exploration Code of able after completion of activity. No Low	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	species. Activities must comply with CEA Location Restric comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of this and surface disturbance to as low as practicable, clearing, including relocation of resident fauna. fauna. All disturbed areas to be rehabilitate Practice: Rehabilitation). Rehabilitation to occur Short term High High Resilience	ctions, Impact Thre conmental Manage s Code include: a b. Prevent adve c. Access track wed in accordance v as soon as practica Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation idths unlikely to pose significant barrier to vith title conditions (Exploration Code of able after completion of activity. No Low	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the operations comply with	species. Activities must comply with CEA Location Restric comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of this and surface disturbance to as low as practicable. clearing, including relocation of resident fauna. fauna. All disturbed areas to be rehabilitate Practice: Rehabilitation). Rehabilitation to occur Short term High High Resilience	ctions, Impact Thre conmental Manage s Code include: a b. Prevent adve c. Access track wed in accordance v as soon as practica Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation idths unlikely to pose significant barrier to vith title conditions (Exploration Code of able after completion of activity. No Low	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	species. Activities must comply with CEA Location Restriction Comply with (Exploration Code of Practice: Environapplication (APO). Relevant requirements of this and surface disturbance to as low as practicable clearing, including relocation of resident fauna. fauna. All disturbed areas to be rehabilitate Practice: Rehabilitation). Rehabilitation to occur Short term High High Resilience	ctions, Impact Thre conmental Manage s Code include: a b. Prevent adve c. Access track wed in accordance v as soon as practice Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation idths unlikely to pose significant barrier to vith title conditions (Exploration Code of able after completion of activity. No Low	
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the operations comply with	species. Activities must comply with CEA Location Restric comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of this and surface disturbance to as low as practicable, clearing, including relocation of resident fauna. fauna. All disturbed areas to be rehabilitate Practice: Rehabilitation). Rehabilitation to occur Short term High High Resilience	ctions, Impact Thre conmental Manage s Code include: a b. Prevent adve c. Access track wed in accordance v as soon as practice Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	sholds and Criteria. Activities must ment) as per the commitment in the . Minimise extent of vegetation clearing rse impacts to fauna caused by vegetation idths unlikely to pose significant barrier to vith title conditions (Exploration Code of able after completion of activity. No Low	

	Potential impacts limited due to CEA impact threshold restrictions. CEAs are not permitted to		
	areas of outstanding biodiversity value or critica		are not permitted to have a significant
	impact on threatened fauna or flora species or e	cological commun	ities (or their habitats). (Also refer to
	flora and fauna impact tables).		
Proposed management controls	N/A		
Duration	N/A		
Application ranking			
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	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	N/A		
standards, plans, policies?	,		
Criteria	Habitat of protected aquatic species or those wi	th conservation st	atus.
Potential impacts	Negligible and only localised changes to drainage		
1 Otential Impacts	, , ,	, ,	nent laden from areas where vegetation
	_ , ,		be licensed or use of farm dams through
	, , , , , , , , , , , , , , , , , , , ,	,	loss through produced water in drilling /
	,		and/or depressurisation of groundwater
	systems in drilling operations. Groundwater dep		
			Ford across creeks can cause stream
	pollutants (such as hydrocarbons) in surface wat bank erosion from vehicle wash. Inappropria	•	
Barrier I and a state of the late			ing wastes / overflow from drilling sumps.
Proposed management controls	Activities must comply with CEA Location Restric		
	comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the		
		_	
	application (APO). Relevant requirements of this	s Code include: a	. Activities must implement all measures
	application (APO). Relevant requirements of thit to prevent causing any adverse impacts on wate	s Code include: a r quality or quanti	. Activities must implement all measures ty. b. All sediment and erosion
	application (APO). Relevant requirements of thit to prevent causing any adverse impacts on wate controls (including drainage from roads/access t	s Code include: a r quality or quanti racks) to be mana	a. Activities must implement all measures ty. b. All sediment and erosion ged in accordance with Blue Book. c. No
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Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	application (APO). Relevant requirements of thit to prevent causing any adverse impacts on water controls (including drainage from roads/access the significant impact on any threatened species, the or their habitats. d. No removal of vegetation in accordance with title conditions (Exploration of soon as practicable after completion of activity. Short term High High Resilience Yes Fully Yes Key Threatening Processes: As outlined in Schedalteration, removal, clearly or degradation of hac. removal of dead wood and dead trees d. inv. Vegetation removal can harm threatened specie exploration activities, access tracks, etc not available.	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ule 4 of Biodiversibitat and native veasion and establishs or reduce local alable for flora habi	Activities must implement all measures ty. b. All sediment and erosion ged in accordance with Blue Book. c. No ons, threatened ecological communities, All disturbed areas to be rehabilitated tehabilitation). Rehabilitation to occur as No Low Low ranking ty Conservation Act 2016. Includes: a. egetation b. loss of hollow bearing trees ment of exotic species. bundance of species. Areas cleared for tat. Mobilisation of pollutants (such as
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	application (APO). Relevant requirements of this to prevent causing any adverse impacts on water controls (including drainage from roads/access the significant impact on any threatened species, the or their habitats. d. No removal of vegetation is in accordance with title conditions (Exploration of soon as practicable after completion of activity. Short term High High Resilience Yes Fully Yes Key Threatening Processes: As outlined in Schedialteration, removal, clearly or degradation of hack removal of dead wood and dead trees d. inv. Vegetation removal can harm threatened specie exploration activities, access tracks, etc not avail hydrocarbons) in soils, air or waters can potential	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for ule 4 of Biodiversibitat and native veasion and establish sor reduce local alable for flora habially impact fauna.	Activities must implement all measures ty. b. All sediment and erosion ged in accordance with Blue Book. c. No ons, threatened ecological communities, All disturbed areas to be rehabilitated tehabilitation). Rehabilitation to occur as No Low Low ranking ty Conservation Act 2016. Includes: a. egetation b. loss of hollow bearing trees ment of exotic species. bundance of species. Areas cleared for tat. Mobilisation of pollutants (such as Use of pesticides, herbicides, fertilisers
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	application (APO). Relevant requirements of thit to prevent causing any adverse impacts on water controls (including drainage from roads/access the significant impact on any threatened species, the or their habitats. d. No removal of vegetation in accordance with title conditions (Exploration of soon as practicable after completion of activity. Short term High High Resilience Yes Fully Yes Key Threatening Processes: As outlined in Schedalteration, removal, clearly or degradation of hac. removal of dead wood and dead trees d. inv. Vegetation removal can harm threatened specie exploration activities, access tracks, etc not available.	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for dabie or reduce local a lable for flora habie ally impact fauna. Or residues in the elevel of public concern?	Activities must implement all measures ty. b. All sediment and erosion ged in accordance with Blue Book. c. No ons, threatened ecological communities, All disturbed areas to be rehabilitated tehabilitation). Rehabilitation to occur as No Low Low Low ranking ty Conservation Act 2016. Includes: a. egetation b. loss of hollow bearing trees ment of exotic species. bundance of species. Areas cleared for tat. Mobilisation of pollutants (such as Use of pesticides, herbicides, fertilisers environment, including in soils and water.

Proposed management controls	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Minimise extent of vegetation clearing and surface disturbance to as low as practicable. b. Prevent adverse impacts to fauna caused by vegetatic clearing, including relocation of resident fauna. All disturbed areas to be rehabilitated in accordance with title conditions (Exploration Code of Practice: Rehabilitation). Rehabilitation to occur as soon as			
	practicable after completion of activity.			
Duration	Short term			
Application ranking				
What is the confidence in predicting	High	Are further	No	
impacts?		studies		
		required on		
		impacts or		
He well at the few terms of the	LP-la Davilla and	mitigation?	1.	
How resilient is the environment to	High Resilience	What is the	Low	
cope with impacts?		level of public		
Can the impacts be reversed?	Yes	concern?	Low	
can the impacts be reverseu:	165	Ranking of potential	LOW	
		significance		
Can the impacts be mitigated?	Fully	Justification for	ranking	
Do the operations comply with	Yes	,	0	
standards, plans, policies?	163			
Criteria	Barriers to movement of fauna: Any potential to	endanger, displac	e or disturb fauna (including fauna of	
	conservation significance) or create a barrier to			
Potential impacts	Vegetation removal can decrease available forag		reeding habitat for species and displace	
•			as a barrier to movement of small fauna	
	species. Fauna crossing access tracks may be kill	ed or injured if hit	by vehicles. Vegetation removal can	
	remove connective corridors used for wildlife m	ovement. Are	as used for exploration activities, access	
	tracks, etc not available for fauna habitat. M	Iobilisation of pollu	utants (such as hydrocarbons) in soils, air	
	or waters can potentially impact fauna. Drilli	ing sumps can be a	hazard for fauna. Use of pesticides,	
	herbicides, fertilisers or other chemicals have th	e potential to buil	d up residues in the environment,	
		e and air quality in	·	
	laden runoff from disturbed areas, that could lea		contamination or land degradation.	
	Spread of weeds, pest animals and animal/plant			
Proposed management controls	Activities must comply with CEA Location Restric			
	comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of thi	_		
	and surface disturbance to as low as practicable			
	and surface distarbance to as low as practicable			
	clearing, including relocation of resident fauna.	9. 9		
	clearing, including relocation of resident fauna. with title conditions (Exploration Code of Practic		l areas to be rehabilitated in accordance Rehabilitation to occur as soon as	
	clearing, including relocation of resident fauna. with title conditions (Exploration Code of Practic practicable after completion of activity.			
Duration	with title conditions (Exploration Code of Practic			
Duration Application ranking	with title conditions (Exploration Code of Practic practicable after completion of activity.			
	with title conditions (Exploration Code of Practic practicable after completion of activity.			
Application ranking	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term	e: Rehabilitation).	Rehabilitation to occur as soon as	
Application ranking What is the confidence in predicting	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term	e: Rehabilitation). Are further	Rehabilitation to occur as soon as	
Application ranking What is the confidence in predicting	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term	ee: Rehabilitation). Are further studies	Rehabilitation to occur as soon as	
Application ranking What is the confidence in predicting impacts?	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term High	Are further studies required on impacts or mitigation?	Rehabilitation to occur as soon as	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term	Are further studies required on impacts or mitigation?	Rehabilitation to occur as soon as	
Application ranking What is the confidence in predicting impacts?	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term High	Are further studies required on impacts or mitigation? What is the level of public	Rehabilitation to occur as soon as No	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern?	Rehabilitation to occur as soon as No Low	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term High	Are further studies required on impacts or mitigation? What is the level of public concern?	Rehabilitation to occur as soon as No	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	Rehabilitation to occur as soon as No Low	
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	Rehabilitation to occur as soon as 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?	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	Rehabilitation to occur as soon as 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	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	Rehabilitation to occur as soon as 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?	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term High High Resilience Yes Fully Yes	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Rehabilitation to occur as soon as No Low Low ranking	
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Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term High High Resilience Yes Fully Yes Ecological & Biosecurity Impacts: Any threat to t community.	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Rehabilitation to occur as soon as No Low Low ranking sity or ecological integrity of an ecological	
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?	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term High High Resilience Yes Fully Yes Ecological & Biosecurity Impacts: Any threat to t community. Vegetation removal can decrease available forage	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Rehabilitation to occur as soon as No Low Low ranking sity or ecological integrity of an ecological reeding habitat for species and displace	
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	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term High High Resilience Yes Fully Yes Ecological & Biosecurity Impacts: Any threat to t community. Vegetation removal can decrease available forag species from regular place of residence. Are	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Rehabilitation to occur as soon as No Low Low ranking sity or ecological integrity of an ecological reeding habitat for species and displace ation activities, access tracks, etc not	
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	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term High High Resilience Yes Fully Yes Ecological & Biosecurity Impacts: Any threat to t community. Vegetation removal can decrease available forag species from regular place of residence. Are available for flora / fauna habitat. Mobilisati	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Rehabilitation to occur as soon as No Low Low ranking sity or ecological integrity of an ecological reeding habitat for species and displace ation activities, access tracks, etc not uch as hydrocarbons) in soils, air or waters	
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Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term High High Resilience Yes Fully Yes Ecological & Biosecurity Impacts: Any threat to t community. Vegetation removal can decrease available forag species from regular place of residence. Are available for flora / fauna habitat. Mobilisati can potentially impact fauna / flora. Drilling herbicides, fertilisers or other chemicals have the	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the biological diversing/ sheltering/ beas used for explor on of pollutants (sumps can be a hae potential to build	Rehabilitation to occur as soon as No Low Low ranking sity or ecological integrity of an ecological reeding habitat for species and displace ation activities, access tracks, etc not uch as hydrocarbons) in soils, air or waters zard for fauna. Use of pesticides,	
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	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term High High Resilience Yes Fully Yes Ecological & Biosecurity Impacts: Any threat to t community. Vegetation removal can decrease available forag species from regular place of residence. Are available for flora / fauna habitat. Mobilisati can potentially impact fauna / flora. Drilling herbicides, fertilisers or other chemicals have the	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the biological diversions used for explor on of pollutants (sumps can be a hae potential to build sediment laden residues.	Rehabilitation to occur as soon as No Low Low ranking sity or ecological integrity of an ecological reeding habitat for species and displace ation activities, access tracks, etc not uch as hydrocarbons) in soils, air or waters zard for fauna. Use of pesticides, d up residues in the environment,	
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	with title conditions (Exploration Code of Practic practicable after completion of activity. Short term High High Resilience Yes Fully Yes Ecological & Biosecurity Impacts: Any threat to t community. Vegetation removal can decrease available forag species from regular place of residence. Are available for flora / fauna habitat. Mobilisati can potentially impact fauna / flora. Drilling herbicides, fertilisers or other chemicals have th including in soils and water. Soil erosion and to soil or water contamination or land degradati	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for the biological diverging/ sheltering/ beas used for explor on of pollutants (sumps can be a have potential to build sediment laden rules a crossing access	Rehabilitation to occur as soon as No Low Low ranking sity or ecological integrity of an ecological reeding habitat for species and displace ation activities, access tracks, etc not uch as hydrocarbons) in soils, air or waters zard for fauna. Use of pesticides, dup residues in the environment, anoff from disturbed areas, that could lead of acid sulfate soils. Spread of weeds, tracks may be killed or injured if hit by	

Proposed management controls	A attribute a manual annual constitue CEA Languige Destrict				
	Activities must comply with CEA Location Restrict comply with (Exploration Code of Practice: Envir				
	application (APO). Relevant requirements of thi	_	to the second se		
			9		
	and surface disturbance to as low as practicable. b. Prevent adverse impacts to fauna caused by vegetation clearing, including relocation of resident fauna. c. Setbacks from steep slopes/cliffs to limit impact of				
	shots on cave dwelling fauna. Noise impacts / disruption to fauna are temporary. Vehicle movements				
	are limited and unlikely to have significant injury/mortality impacts. All disturbed areas to be				
	rehabilitated in accordance with title conditions				
	to occur as soon as practicable after completion of activity.				
Duration	Short term				
Application ranking					
What is the confidence in predicting	High	Are further	No		
impacts?		studies			
		required on impacts or			
		mitigation?			
How resilient is the environment to	High Resilience	What is the	Low		
cope with impacts?	Tigit Nesilience	level of public	LOW		
ооро		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	Yes				
standards, plans, policies?		_			
Criteria	Ecological & Biosecurity Impacts: Creates a biose				
	an area. Includes impacts from the introduction				
Dotontial impacts	plant pests and diseases, d. animal diseases,				
Potential impacts	Mobilisation of pollutants (such as hydrocarbons Use of pesticides, herbicides, fertilisers or other				
	<u> </u>				
		icluding in soils and water. Spread of weeds, pest animals and animal/plant diseases. Since may result in removal of/damage to seed stock. Weed growth in disturbed areas.			
Proposed management controls	Activities must comply with CEA Location Restrict				
	comply with (Exploration Code of Practice: Envir				
	application (APO). Relevant requirements of thi	s Code include: a	. Minimise extent of vegetation clearing		
	and surface disturbance to as low as practicable	. b. Prevent adve	rse 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 disease	s (required to impl	ement "come clean, go clean" protocols).		
	All disturbed areas to be rehabilitated in accorda	s (required to impl ance with title con	ement "come clean, go clean" protocols). ditions (Exploration Code of Practice:		
	All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a	s (required to impl ance with title con as practicable after	ement "come clean, go clean" protocols). ditions (Exploration Code of Practice: completion of activity (includes weed		
	All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a growth management). Legislative requirement	s (required to impl ance with title con as practicable after	ement "come clean, go clean" protocols). ditions (Exploration Code of Practice:		
Duration	All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a growth management). Legislative requirement additional mitigation measures to manage land.	s (required to impl ance with title con as practicable after	ement "come clean, go clean" protocols). ditions (Exploration Code of Practice: completion of activity (includes weed		
Duration Application ranking	All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a growth management). Legislative requirement	s (required to impl ance with title con as practicable after	ement "come clean, go clean" protocols). ditions (Exploration Code of Practice: completion of activity (includes weed		
Application ranking	All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a growth management). Legislative requirement additional mitigation measures to manage land. Short term	s (required to impl ance with title con as practicable after ant for landholder	ement "come clean, go clean" protocols). ditions (Exploration Code of Practice: completion of activity (includes weed access arrangements which may include		
	All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a growth management). Legislative requirement additional mitigation measures to manage land.	s (required to impl ance with title con as practicable after	ement "come clean, go clean" protocols). ditions (Exploration Code of Practice: completion of activity (includes weed access arrangements which may include		
Application ranking What is the confidence in predicting	All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a growth management). Legislative requirement additional mitigation measures to manage land. Short term	s (required to impl ance with title con- as practicable after ant for landholder a Are further	ement "come clean, go clean" protocols). ditions (Exploration Code of Practice: completion of activity (includes weed access arrangements which may include		
Application ranking What is the confidence in predicting	All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a growth management). Legislative requirement additional mitigation measures to manage land. Short term	s (required to impl ance with title con- is practicable after ant for landholder a Are further studies	ement "come clean, go clean" protocols). ditions (Exploration Code of Practice: completion of activity (includes weed access arrangements which may include		
Application ranking What is the confidence in predicting impacts?	All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a growth management). Legislative requirement additional mitigation measures to manage land. Short term High	Are further studies required on impacts or mitigation?	ement "come clean, go clean" protocols). ditions (Exploration Code of Practice: completion of activity (includes weed access arrangements which may include		
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a growth management). Legislative requirement additional mitigation measures to manage land. Short term	Are further studies required on impacts or mitigation? What is the	ement "come clean, go clean" protocols). ditions (Exploration Code of Practice: completion of activity (includes weed access arrangements which may include		
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Application ranking What is the confidence in predicting impacts? How resilient is the environment to	All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a growth management). Legislative requirement additional mitigation measures to manage land. Short term High	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of	ement "come clean, go clean" protocols). ditions (Exploration Code of Practice: completion of activity (includes weed access arrangements which may include		
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	All disturbed areas to be rehabilitated in accorda Rehabilitation). Rehabilitation to occur as soon a growth management). Legislative requirement additional mitigation measures to manage land. Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	ement "come clean, go clean" protocols). ditions (Exploration Code of Practice: completion of activity (includes weed access arrangements which may include No Low		
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Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	All disturbed areas to be rehabilitated in accorda Rehabilitation). Rehabilitation to occur as soon a growth management). Legislative requirement additional mitigation measures to manage land. Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	ement "come clean, go clean" protocols). ditions (Exploration Code of Practice: completion of activity (includes weed access arrangements which may include 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?	All disturbed areas to be rehabilitated in accorda Rehabilitation). Rehabilitation to occur as soon a growth management). Legislative requirement additional mitigation measures to manage land. Short term High High Resilience Yes	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	ement "come clean, go clean" protocols). ditions (Exploration Code of Practice: completion of activity (includes weed access arrangements which may include No Low Low ranking		
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	All disturbed areas to be rehabilitated in accorda Rehabilitation). Rehabilitation to occur as soon a growth management). Legislative requirement additional mitigation measures to manage land. Short term High High Resilience Yes Fully Yes	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	ement "come clean, go clean" protocols). ditions (Exploration Code of Practice: completion of activity (includes weed access arrangements which may include No Low Low ranking		
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High	Are further	No
	studies	
	required on	
High Reciliance		Low
riigii Nesilierice		LOW
 , 		
Yes		Low
	significance	
Fully	Justification for	ranking
Yes		
Community Resources: Any degradation of infra	structure or signifi	cant increase in the demand for services
and infrastructure resources.		
Limited potential for any significant increase in o	demand for resour	ces. Negligible potential for
, , , , , , , , , , , , , , , , , , , ,		
		tion Postrictions, Impact Throsholds and
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(includes weed growth management). Legisl	ative requirement	for landholder access arrangements and
compensation.		
Short term		
High	Are further	No
6		
High Resilience		Low
	level of public	
	concern?	
Yes	Ranking of	Low
	_	
Fully		ranking
	Justinication for	
163		
Community December Annualization of second		t of other communities or not und
	es to the detrimen	t of other communities or natural
systems.		
Limited potential for any significant diversion of		
Limited potential for any significant diversion of systems. Negligible impacts and only localise	ed changes. Are	etriment of other communities or natural eas used for exploration activities,
Limited potential for any significant diversion of	ed changes. Are	
Limited potential for any significant diversion of systems. Negligible impacts and only localise temporarily removed from natural systems and	ed changes. Are / community use.	
Limited potential for any significant diversion of systems. Negligible impacts and only localise temporarily removed from natural systems and Negligible impacts likely. Activities must com	ed changes. Are / community use. hply with CEA Loca	eas used for exploration activities, tion Restrictions, Impact Thresholds and
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	Community Resources: Any degradation of infra and infrastructure resources. Limited potential for any significant increase in degradation of infrastructure, such as roads and Negligible impacts likely. Activities must com Criteria. Activities must comply with (Explorathe commitment in the application (APO) included and heritage. All disturbed areas to be rehat of Practice: Rehabilitation). Rehabilitation to occ (includes weed growth management). Legisl compensation. Short term High High Resilience Yes Fully Yes Community Resources: Any diversion of resources.	required on impacts or mitigation? High Resilience What is the level of public concern? Yes Ranking of potential significance Fully Justification for Yes Community Resources: Any degradation of infrastructure or significand infrastructure resources. Limited potential for any significant increase in demand for resour degradation of infrastructure, such as roads and bridges. Negligible impacts likely. Activities must comply with CEA Loca Criteria. Activities must comply with (Exploration Code of Practite commitment in the application (APO) including protection of a and heritage. All disturbed areas to be rehabilitated in accorda of Practice: Rehabilitation). Rehabilitation to occur as soon as prace (includes weed growth management). Legislative requirement compensation. Short term High Are further studies required on impacts or mitigation? What is the level of public concern? Yes Ranking of potential significance Fully Justification for

Criteria	Natural Resources: Any disruption, depletion or destruction of 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 of increased knowledge of geological resources.			
Proposed management controls	Negligible impacts likely. Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include protection of all elements of the environment (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 acce arrangements and compensation limit any potential impacts.			
Duration	N/A			
Application ranking		·		
What is the confidence in predicting impacts?	N/A	Are further studies required on impacts or mitigation?	No	
How resilient is the environment to cope with impacts?	N/A	What is the level of public concern?	Low	
Can the impacts be reversed?	N/A	Ranking of potential significance	Low	
Can the impacts be mitigated?	N/A	Justification for	ranking	
Do the operations comply with	Yes			
standards, plans, policies? Criteria	Natural Resources: Any disruption of existing activities which rely on natural resources, including forestry, farming or extractive industries (or reduction of options for future activities).			
Potential impacts	Limited potential for any significant disruption of existing activities (or reduction of future activities) given temporary nature of exploration. Negligible impacts and only localised & temporary changes. Area 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 removed in the potential timber resources.			
Proposed management controls	Negligible impacts likely. Activities must comply with CEA Location Restrictions, Impact Thresholds at Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as a 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 occur as soon as practicable after completion of activity. Legislative requirement for landholder activity.			
Duration	arrangements and compensation limit any poter Short term	itiai iiripacts.		
Application ranking	Short term			
What is the confidence in predicting impacts?	N/A	Are further studies required on impacts or mitigation?	No	
How resilient is the environment to cope with impacts?	N/A	What is the level of public concern?	Low	
Can the impacts be reversed?	N/A	Ranking of potential significance	Low	
Can the impacts be mitigated?	N/A	Justification for	ranking	
	Yes			
Do the operations comply with				
standards, plans, policies?				
standards, plans, policies? Criteria	Natural Resources: Any use which results in the			
standards, plans, policies? Criteria Potential impacts	CEA activity not permitted in areas reserved for			
standards, plans, policies? Criteria Potential impacts Proposed management controls	CEA activity not permitted in areas reserved for N/A			
standards, plans, policies? Criteria Potential impacts Proposed management controls Duration	CEA activity not permitted in areas reserved for			
standards, plans, policies? Criteria Potential impacts Proposed management controls	CEA activity not permitted in areas reserved for 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	Low	
Con the immediate he mitigate da	N1/A			
Can the impacts be mitigated?	N/A	Justification for	ranking	
Do the operations comply with standards, plans, policies?	N/A			
Criteria	Sensitive Land Impacts: Impacts on National par the National Parks and Wildlife Act 1974.	ks and other areas	reserved or dedicated or acquired under	
Potential impacts	Activity not permitted in these areas.			
Proposed management controls	N/A			
Duration	N/A			
Application ranking				
What is the confidence in predicting	N/A	Are further	N/A	
impacts?		studies	1477	
impacts:		required on		
		-		
		impacts or		
	21/2	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	Low	
		potential		
		significance		
Can the impacts be mitigated?	N/A	Justification for	ranking	
Do the operations comply with	N/A			
standards, plans, policies?	,		I I I I A I I I I I I I I I I I I I I I	
a		Sensitive Land Impacts: Land subject to a 'conservation agreement' under the National Parks and Wildlife Act		
Criteria	· · · · · · · · · · · · · · · · · · ·	_		
Criteria	1974 and/or the Biodiversity Conservation Act 2	016. This includes:	a. Biobanking agreement (established	
Criteria	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Con	016. This includes: nservation Act 199	a. Biobanking agreement (established 5) or a Biodiversity Stewardship	
Criteria	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Conagreement established under the Biodiversity Co	016. This includes: nservation Act 199 onservation Act 20	a. Biobanking agreement (established 5) or a Biodiversity Stewardship b. Wildlife Refuge agreement	
Criteria	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Conagreement established under the Biodiversity Coestablished under the Biodiversity Conservation	016. This includes: nservation Act 199 onservation Act 20 Act 2016. c. Exis	a. Biobanking agreement (established 5) or a Biodiversity Stewardship b. Wildlife Refuge agreement ting conservation agreements that	
Criteria	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Conagreement established under the Biodiversity Coestablished under the Biodiversity Conservation continue to have effect even where legislation h	016. This includes: nservation Act 199 onservation Act 20 Act 2016. c. Exis as been repealed:	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the	
Criteria	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Conagreement established under the Biodiversity Coestablished under the Biodiversity Conservation	016. This includes: nservation Act 199 onservation Act 20 Act 2016. c. Exis as been repealed:	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the	
Criteria	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Conagreement established under the Biodiversity Coestablished under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200	016. This includes: nservation Act 199 onservation Act 20 Act 2016. c. Exist as been repealed: 01 Property ve	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the	
Criteria	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Coragreement established under the Biodiversity Coestablished under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200	016. This includes: nservation Act 199 onservation Act 20 Act 2016. c. Exist as been repealed: 01 Property ve	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-	
Potential impacts	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Conagreement established under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200 repealed Native Vegetation Act 2003	016. This includes: nservation Act 199 onservation Act 20 Act 2016. c. Exist as been repealed: 01 Property ve	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-	
Potential impacts	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Coragreement established under the Biodiversity Coestablished under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas.	016. This includes: nservation Act 199 onservation Act 20 Act 2016. c. Exist as been repealed: 01 Property ve	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-	
Potential impacts Proposed management controls	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Coragreement established under the Biodiversity Coestablished under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A	016. This includes: nservation Act 199 onservation Act 20 Act 2016. c. Exist as been repealed: 01 Property ve	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-	
Potential impacts Proposed management controls Duration	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Coragreement established under the Biodiversity Coestablished under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas.	016. This includes: nservation Act 199 onservation Act 20 Act 2016. c. Exist as been repealed: 01 Property ve	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-	
Potential impacts Proposed management controls Duration Application ranking	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Coragreement established under the Biodiversity Coestablished under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A	016. This includes: nservation Act 199 pnservation Act 20 Act 2016. c. Exis as been repealed: 01 Property ve istered property a	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the nowgreements under the repealed Native	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Coragreement established under the Biodiversity Coestablished under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A	016. This includes: nservation Act 199 onservation Act 20 Act 2016. c. Exis as been repealed: 01 Property ve istered property a	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-	
Potential impacts Proposed management controls Duration Application ranking	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Coragreement established under the Biodiversity Coestablished under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A	016. This includes: nservation Act 199 onservation Act 20 Act 2016. c. Exis as been repealed: 01 Property ve istered property a	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the nowgreements under the repealed Native	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Coragreement established under the Biodiversity Coestablished under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A	O16. This includes: nservation Act 199 pnservation Act 20 Act 2016. c. Exis as been repealed: O1 Property vei istered property a Are further studies required on	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the nowgreements under the repealed Native	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Coragreement established under the Biodiversity Coestablished under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A	O16. This includes: nservation Act 199 onservation Act 20 Act 2016. c. Exis as been repealed: O1 Property vei istered property a Are further studies required on impacts or	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the nowgreements under the repealed Native	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Coragreement established under the Biodiversity Coestablished under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A	O16. This includes: nservation Act 199 pnservation Act 20 Act 2016. c. Exis as been repealed: O1 Property vei istered property a Are further studies required on	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the nowgreements under the repealed Native	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Coragreement established under the Biodiversity Coestablished under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A	O16. This includes: nservation Act 199 onservation Act 20 Act 2016. c. Exis as been repealed: O1 Property vei istered property a Are further studies required on impacts or	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the nowgreements under the repealed Native	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts?	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Coragreement established under the Biodiversity Coestablished under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A N/A	O16. This includes: nservation Act 199 onservation Act 20 Act 2016. c. Exis as been repealed: O1 Property vei istered property a Are further studies required on impacts or mitigation?	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the nowgreements under the repealed Native	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Coragreement established under the Biodiversity Coestablished under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A N/A	o16. This includes: aservation Act 199 bnservation Act 20 Act 2016. c. Exists as been repealed: a Property verification of the following started property are studies required on impacts or mitigation? What is the	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the nowgreements under the repealed Native	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Coragreement established under the Biodiversity Coestablished under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A N/A	o16. This includes: aservation Act 199 bnservation Act 20 Act 2016. c. Exists as been repealed: a Property verification of the servation Act 20 Act 2016. c. Exists as been repealed: Are further studies required on impacts or mitigation? What is the level of public	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the nowgreements under the repealed Native	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Coragreement established under the Biodiversity Coestablished under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A N/A N/A	o16. This includes: aservation Act 199 bnservation Act 20 Act 2016. c. Exists as been repealed: a Property verification of the following of th	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-greements under the repealed Native	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Coragreement established under the Biodiversity Coestablished under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A N/A N/A	o16. This includes: aservation Act 199 bnservation Act 20 Act 2016. c. Exists as been repealed: a Property verification of the property of the	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-greements under the repealed Native N/A	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Conagreement established under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A N/A N/A N/A	o16. This includes: aservation Act 199 baservation Act 20 Act 2016. c. Exists as been repealed: all Property values are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-greements under the repealed Native N/A N/A Low	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Conagreement established under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 201 repealed Native Vegetation Act 2003	o16. This includes: aservation Act 199 bnservation Act 20 Act 2016. c. Exists as been repealed: a Property verification of the property of the	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-greements under the repealed Native N/A N/A Low	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Conagreement established under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A N/A N/A N/A N/A	o16. This includes: aservation Act 199 baservation Act 20 Act 2016. c. Exis as been repealed: o1 Property veistered property a Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-greements under the repealed Native N/A N/A Low Low	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Conagreement established under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Nature Conservation Trust Act 201 repealed Native Vegetation Act 2003	o16. This includes: aservation Act 199 baservation Act 20 Act 2016. c. Exis as been repealed: o1 Property veistered property a Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-greements under the repealed Native N/A Low Low ranking	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Conagreement established under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Native Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on aquatic resermangement Act 2014. Impacts on Coastal Zones.	o16. This includes: aservation Act 199 baservation Act 20 Act 2016. c. Exis as been repealed: o1 Property veistered property a Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-greements under the repealed Native N/A Low Low ranking	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Conagreement established under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Native Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on aquatic resermangement Act 2014. Impacts on Coastal Zone Activity not permitted in these areas.	o16. This includes: aservation Act 199 baservation Act 20 Act 2016. c. Exis as been repealed: o1 Property veistered property a Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-greements under the repealed Native N/A Low Low ranking	
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Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Conagreement established under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Native Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on aquatic resermangement Act 2014. Impacts on Coastal Zone Activity not permitted in these areas.	o16. This includes: aservation Act 199 baservation Act 20 Act 2016. c. Exis as been repealed: o1 Property veistered property a Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-greements under the repealed Native N/A Low Low ranking	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Conagreement established under the Biodiversity Conservation Continue to have effect even where legislation in now repealed Native Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on aquatic resembanagement Act 2014. Impacts on Coastal Zone Activity not permitted in these areas. N/A N/A N/A N/A N/A N/A N/A N/	one of the content of	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-greements under the repealed Native N/A Low Low Low ranking rks declared under the Marine Estate Coastal Management Act 2016.	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Conagreement established under the Biodiversity Conservation continue to have effect even where legislation hnow repealed Native Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on aquatic resembanagement Act 2014. Impacts on Coastal Zone Activity not permitted in these areas. N/A	one of the content of	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-greements under the repealed Native N/A Low Low ranking	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Conagreement established under the Biodiversity Conservation Continue to have effect even where legislation in now repealed Native Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on aquatic resembanagement Act 2014. Impacts on Coastal Zone Activity not permitted in these areas. N/A N/A N/A N/A N/A N/A N/A N/	one of the content of	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-greements under the repealed Native N/A Low Low Low ranking rks declared under the Marine Estate Coastal Management Act 2016.	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Conagreement established under the Biodiversity Conservation Continue to have effect even where legislation in now repealed Native Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on aquatic resembanagement Act 2014. Impacts on Coastal Zone Activity not permitted in these areas. N/A N/A N/A N/A N/A N/A N/A N/	one of the content of	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-greements under the repealed Native N/A Low Low Low ranking rks declared under the Marine Estate Coastal Management Act 2016.	
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Conagreement established under the Biodiversity Conservation Continue to have effect even where legislation in now repealed Native Conservation Trust Act 200 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997 Activity not permitted in these areas. N/A N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on aquatic resembanagement Act 2014. Impacts on Coastal Zone Activity not permitted in these areas. N/A N/A N/A N/A N/A N/A N/A N/	one of the further studies of the further studies required on impacts or mitigation? Ranking of potential significance Justification for	a. Biobanking agreement (established 5) or a Biodiversity Stewardship 16. b. Wildlife Refuge agreement ting conservation agreements that Trust agreements under the egetation plans made under the now-greements under the repealed Native N/A Low Low Low ranking rks declared under the Marine Estate Coastal Management Act 2016.	

			T	
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	Low	
		significance		
Can the impacts be mitigated?	N/A	Justification for	ranking	
Do the operations comply with standards, plans, policies?	N/A			
Criteria	Sensitive Land Impacts: Fishing grounds and con	nmercial fish breed	ding or nursery areas.	
Potential impacts	Negligible and only localised changes to drainag	e flows/flooding re	egime. 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). 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.			
Proposed management controls	Activities must comply with CEA Location Restrictions, Impact Thresholds and Criteria. Activities must comply with (Exploration Code of Practice: Environmental Management) as per the commitment in the application (APO). Relevant requirements of this Code include: a. Activities must implement all measures to prevent causing any adverse impacts on water quality or quantity. b. All sediment and erosion controls (including drainage from roads/access tracks) to be managed in accordance with Blue Book. c. 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				
What is the confidence in predicting	High	Are further	No	
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		
Con the impacts he recovered?	Voc	concern?	Low	
Can the impacts be reversed?	Yes	Ranking of potential	Low	
		significance		
Can the impacts be mitigated?	Fully	Justification for	ranking	
Do the operations comply with	Yes			
standards, plans, policies? Criteria	Sensitive Land Impacts: Impacts on other sensit	ivo lande including	a Land within a state forest set aside	
Citeria	under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmen a 'special area' under the Water NSW Act 2014, Hunter Water Act 1991. c. Waterfront land as	lues. This includes it protection areas or a 'special area' i	flora reserves and special management - land declared to be a 'controlled area' or under the Water Management Act 2000 or	
Potential impacts	N/A CEA Location restrictions prevent activities	es in such sensitive	locations.	
Proposed management controls	N/A			
Duration	N/A			
Application ranking				
What is the confidence in predicting impacts?	N/A	Are further studies required on impacts or mitigation?	N/A	
How resilient is the environment to	N/A	What is the	Low	
cope with impacts?		level of public		
Can the impacts be reversed?	N/A	concern? Ranking of potential significance	Low	
Can the impacts be mitigated?	N/A	Justification for	ranking	
Do the operations comply with	N/A	2436646.01.101	· ************************************	
standards, plans, policies?	,			
Criteria	Sensitive Land Impacts: Impacts on land reserve 1989/Crown Lands Management Act 2016 for protection purposes		<u> </u>	
Detential image to	protection purposes.			
Potential impacts	Activity not permitted in area.			

Proposed management controls	N/A		
Duration	N/A		
Application ranking			
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	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	N/A		
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Impacts on land identifie	ed as wilderness or	r declared a wilderness area under the
	Wilderness Act 1987.		
Potential impacts	Activity not permitted in these areas.		
Proposed management controls	N/A		
Duration	N/A		
Application ranking			
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	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	N/A		
standards, plans, policies?			
Criteria	Sensitive Lands: Impacts on wetlands of internation	tional significance	designated under the Ramsar Convention
	on Wetlands and those designated as a national	ly important wetla	nd in the Directory of 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	N/A	Are further	N/A
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	Low
•	,	potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for	ranking
Do the operations comply with	N/A		
standards, plans, policies?	,		
Criteria	Sensitive Land Impacts: Impacts on land identifie	ed in an environme	ental planning instrument as being of
	biodiversity / conservation significance or zoned		
	management. Includes Coastal Wetlands and Lit		
	(Resilience and Hazards) 2021.	unitoreses u	July 2 and 2 and 3 and 4
Potential impacts	Activity not permitted in these areas.		
Proposed management controls	N/A		
Duration	N/A		
Application ranking	14/13		
Application ranking			

What is the confidence in predicting			
	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	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	N/A	743411144114111111	8
standards, plans, policies?	19/4		
	Canaltina Land Incorporate Incorporate an Abanininal bu		anner a Abericiael alegan and abients
Criteria	Sensitive Land Impacts: Impacts on Aboriginal he under the National Parks and Wildlife Act 1974 environmental planning instrument.		
Potential impacts	Activity not permitted in these areas.		
Proposed management controls	N/A		
Duration	N/A		
	IV/A		
Application ranking	N/A	A C	N1/A
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	Low
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	Low
	1,7.1	potential	2011
		significance	
Con the immediate he mitigated?	N1/A		
Can the impacts be mitigated?	N/A	Justification for	ranking
Do the operations comply with	N/A		
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Impacts on heritage pro- internationally recognised heritage sites or areas		
	Commonwealth Heritage List) b. Items listed o	n State Heritage	c. Heritage items and conservation areas
	identified in an environmental planning instrum	ent	
Potential impacts	CEA activities not permitted in these areas.		
Proposed management controls	N/A		
Duration	N/A		
Application ranking	1911		
What is the confidence in predicting			
	NI/A	Ara furthar	N/A
_	N/A	Are further	N/A
impacts?	N/A	studies	N/A
_	N/A	studies required on	N/A
_	N/A	studies required on impacts or	N/A
impacts?		studies required on impacts or mitigation?	N/A
	N/A	studies required on impacts or	N/A Low
impacts?		studies required on impacts or mitigation?	
impacts? How resilient is the environment to		studies required on impacts or mitigation? What is the	
impacts? How resilient is the environment to		studies required on impacts or mitigation? What is the level of public	
How resilient is the environment to cope with impacts?	N/A	studies required on impacts or mitigation? What is the level of public concern?	Low
How resilient is the environment to cope with impacts?	N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	Low
How resilient is the environment to cope with impacts? Can the impacts be reversed?	N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	Low
How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated?	N/A N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	Low
How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	Low
How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	N/A N/A N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Low
How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with	N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community I	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Low
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 Sensitive Land Impacts: Impacts on community I which a plan of management has been prepared	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Low
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 Sensitive Land Impacts: Impacts on community I which a plan of management has been prepared Activity not permitted in these areas.	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Low
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 Sensitive Land Impacts: Impacts on community I which a plan of management has been prepared Activity not permitted in these areas. N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Low
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 Sensitive Land Impacts: Impacts on community I which a plan of management has been prepared Activity not permitted in these areas.	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Low
How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls	N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community I which a plan of management has been prepared Activity not permitted in these areas. N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Low
How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	N/A N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community I which a plan of management has been prepared Activity not permitted in these areas. N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	Low
How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community I which a plan of management has been prepared Activity not permitted in these areas. N/A N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for and classified under	Low ranking er the Local Government Act 1993 (for
How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community I which a plan of management has been prepared Activity not permitted in these areas. N/A N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for and classified under	Low ranking er the Local Government Act 1993 (for
How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community I which a plan of management has been prepared Activity not permitted in these areas. N/A N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for and classified under (). Are further studies required on	Low ranking er the Local Government Act 1993 (for
How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	N/A N/A N/A N/A Sensitive Land Impacts: Impacts on community I which a plan of management has been prepared Activity not permitted in these areas. N/A N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for and classified under	Low ranking er the Local Government Act 1993 (for

		I	
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	Low
Can the impacts be mitigated?	N/A	Justification for	ranking
Do the operations comply with	N/A		
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Impacts on bushfire pro	ne areas.	
Potential impacts	Plant and machinery may be an ignition source.		
Proposed management controls		onmental Manage s Code including u (e.g. implementati te risk). Activi	ement) as per the commitment in the ndertaking a risk assessment and
Duration	Short term		
Application ranking		T	
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No
How resilient is the environment to	High Resilience	What is the	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 for	ranking
Do the operations comply with	Yes	Justilication for	Talikilig
standards, plans, policies?	Cocial Impacts, Any impacts which result in a cha	 	rankia structura of the community
Criteria	Social Impacts: Any impacts which result in a chaincluding changes to workforce or industry structormunity resources (eg community facilities, community resources)	ture of the area/re	egion. Including change in demand for
Potential impacts	Limited potential for any significant change in th		·
	impacts and only localised changes in demand for accommodation, food, mechanical and fuel supply.	or community reso	ources. Minimal increase in demand for
Proposed management controls	Negligible impacts likely due to low personnel no positive for suppliers of services and goods utilis	•	orary nature of exploration. Generally
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 for	ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Social Impacts: Any environmental impact that n (including loss of facilities or loss of community i	•	tial change or disruption to the community
Potential impacts			temporarily removed from natural
Proposed management controls	Activities must comply with CEA Location Restriction comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of this	ctions, Impact Thre onmental Manage s Code include mir All disturbed area chabilitation). Reha	esholds and Criteria. Activities must ement) as per the commitment in the nimising potential impacts on all aspects of as to be rehabilitated in accordance with

Duration	Short term		
Application ranking	Short term		
What is the confidence in predicting impacts?	High	Are further studies	No
impacts:		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	High Resilience	What is the	Low
cope with impacts?		level of public	
Contlor to the land of the control o		concern?	
Can the impacts be reversed?	Yes	Ranking of potential	Low
		significance	
Can the impacts be mitigated?	Partly	Justification for	ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Social Impacts: Any impacts which result in some disadvantaged (e.g. change to community facilit		
Potential impacts	Impacts from activities not of a nature to cause		
•	community. Limited potential to significantly	y impact on individ	luals or communities - short term impacts
			d from natural systems and / community
	use. Short term noise, air quality and visual i		
Proposed management controls	Activities must comply with CEA Location Restrict		
	comply with (Exploration Code of Practice: Envir application (APO). Relevant requirements of thi	_	· · ·
			to be rehabilitated in accordance with
	title conditions (Exploration Code of Practice: Re		
	after completion of activity. Legislative requ	irement for landho	older access arrangements and
			er Mining Act available to mitigate
	compensation. Activities must comply with WH	S legislative requir	ements.
Duration Application ranking	Short term		
What is the confidence in predicting	High	Are further	No
impacts?	1.1811	studies	inc
•		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	Conial Impacts: Any impacts on the health cofet	 	ro of individuals or communities soused by
Criteria	Social Impacts: Any impacts on the health, safet factors such as pollution, odour, noise, vibration		•
Potential impacts	Activities not of a nature to cause any significant		•
p	Limited potential to significantly impact on indiv	o .	, ,,, ,
	term and temporary noise, air quality and visual	impacts.	
Proposed management controls	Activities must comply with CEA Location Restric	, ,	
	comply with (Exploration Code of Practice: Envir	_	
	application (APO). Relevant requirements of thi (water, land, soil, air), culture and heritage.		
	title conditions (Exploration Code of Practice: Re		to be rehabilitated in accordance with
		,	older access arrangements and
			er Mining Act available to mitigate
	compensation. Activities must comply with WHS	legislative require	ements.
Duration	Short term		
Application ranking	N/A	Ana frantha	No
What is the confidence in predicting impacts?	N/A	Are further studies	No
impacts:		required on	
		impacts or	
		mitigation?	
		mitigation.	
How resilient is the environment to	N/A	What is the	Low
How resilient is the environment to cope with impacts?	N/A		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	Social Impacts: Effect on a locality, place or build	ling having aesthe	tic, anthropological, archaeological,
	architectural, cultural, historical, scientific or soci generations?	cial significance or	other special value for present or future
Potential impacts	Negligible potential to effect a locality, place or architectural, cultural, historical, scientific or socrestrictions of a CEA. Short term and tempor	cial significance or	
Proposed management controls	Negligible impacts likely due to low impact of co exploration. Activities must comply with CEA Activities must comply with (Exploration Code or	mplying exploration A Location Restriction f Practice: Environ	ions, Impact Thresholds and Criteria.
Duration	Short term		iculate richine, or exploration activity.
Application ranking	Short term		
What is the confidence in predicting	High	Are further	No
impacts?		studies	110
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	High Resilience	What is the	Low
cope with impacts?	j j	level of public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
can the impacts be reversed.	163	potential	2511
		significance	
Can the impacts be mitigated?	Partly	Justification for	ranking
Do the operations comply with	Yes	Justification for	Talikilig
	res		
standards, plans, policies?	Cocial Impacts Impacts on communities with str	 	ii.
Criteria	Social Impacts: Impacts on communities with str	=	•
Potential impacts	Community likely to include members who have		ossible future mining following any
	exploration program. Short term and tempo		
Proposed management controls	Short term impacts on the community and pred- landholder agreement and any compensation. title conditions (Exploration Code of Practice: Re after completion of activity.	All disturbed ar	eas to be rehabilitated in accordance with
Duration	Short term		
Application ranking			
What is the confidence in predicting	Medium	Are further	No
impacts?		studies	
•		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	High Resilience	What is the	Low
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public	Low
How resilient is the environment to cope with impacts?	High Resilience	level of public	Low
cope with impacts?		level of public concern?	
	High Resilience Yes	level of public concern?	Low
cope with impacts?		level of public concern? Ranking of potential	
cope with impacts? Can the impacts be reversed?	Yes	level of public concern? Ranking of potential significance	Low
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated?	Yes	level of public concern? Ranking of potential	Low
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	Yes Partly Yes	level of public concern? Ranking of potential significance Justification for	Low
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	Yes Partly Yes Social Impacts: Impacts on disadvantaged comm	level of public concern? Ranking of potential significance Justification for	Low
cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria	Yes Partly Yes	level of public concern? Ranking of potential significance Justification for	Low
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts	Yes Partly Yes Social Impacts: Impacts on disadvantaged comm	level of public concern? Ranking of potential significance Justification for public signification for significant for sign	ranking to immediate site. Subject to eas to be rehabilitated in accordance with
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts	Yes Partly Yes Social Impacts: Impacts on disadvantaged comm No negative impacts predicted. Short term impacts on the community and predilandholder agreement and any compensation.	level of public concern? Ranking of potential significance Justification for public signification for significant for sign	ranking to immediate site. Subject to eas to be rehabilitated in accordance with
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls	Yes Partly Yes Social Impacts: Impacts on disadvantaged comm No negative impacts predicted. Short term impacts on the community and predilandholder agreement and any compensation. title conditions (Exploration Code of Practice: Re	level of public concern? Ranking of potential significance Justification for public signification for significant for sign	ranking to immediate site. Subject to eas to be rehabilitated in accordance with
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	Yes Partly Yes Social Impacts: Impacts on disadvantaged comm No negative impacts predicted. Short term impacts on the community and predilandholder agreement and any compensation. title conditions (Exploration Code of Practice: Reafter completion of activity.	level of public concern? Ranking of potential significance Justification for public signification for significant for sign	ranking to immediate site. Subject to eas to be rehabilitated in accordance with
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	Yes Partly Yes Social Impacts: Impacts on disadvantaged comm No negative impacts predicted. Short term impacts on the community and predilandholder agreement and any compensation. title conditions (Exploration Code of Practice: Reafter completion of activity. Short term	level of public concern? Ranking of potential significance Justification for public signification for public significance signification for public significance for pub	ranking to immediate site. Subject to eas to be rehabilitated in accordance with
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	Yes Partly Yes Social Impacts: Impacts on disadvantaged comm No negative impacts predicted. Short term impacts on the community and predilandholder agreement and any compensation. title conditions (Exploration Code of Practice: Reafter completion of activity.	level of public concern? Ranking of potential significance Justification for public signification for significant for sign	ranking to immediate site. Subject to eas to be rehabilitated in accordance with abilitation to occur as soon as practicable
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	Yes Partly Yes Social Impacts: Impacts on disadvantaged comm No negative impacts predicted. Short term impacts on the community and predilandholder agreement and any compensation. title conditions (Exploration Code of Practice: Reafter completion of activity. Short term	level of public concern? Ranking of potential significance Justification for public significance description for public significance description. Description for public significance description for public si	ranking to immediate site. Subject to eas to be rehabilitated in accordance with abilitation to occur as soon as practicable
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	Yes Partly Yes Social Impacts: Impacts on disadvantaged comm No negative impacts predicted. Short term impacts on the community and predilandholder agreement and any compensation. title conditions (Exploration Code of Practice: Reafter completion of activity. Short term	level of public concern? Ranking of potential significance Justification for public significance Justification for public significance All disturbed and shabilitation). Rehabilitation studies required on	to immediate site. Subject to eas to be rehabilitated in accordance with abilitation to occur as soon as practicable
Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	Yes Partly Yes Social Impacts: Impacts on disadvantaged comm No negative impacts predicted. Short term impacts on the community and predilandholder agreement and any compensation. title conditions (Exploration Code of Practice: Reafter completion of activity. Short term	level of public concern? Ranking of potential significance Justification for public significance description for public significance description. Description for public significance description for public si	to immediate site. Subject to eas to be rehabilitated in accordance with abilitation to occur as soon as practicable

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	Yes		3
standards, plans, policies?			
Criteria	Economic Impacts: Any impacts which may affect decrease to net economic welfare.		,
Potential impacts	fuel supplies, etc. Not large enough to warrant	significant changes	
Proposed management controls	Negligible impacts likely due to low personnel no positive for suppliers of services and goods utilis	•	orary nature of exploration. Generally
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 for	ranking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Economic Impacts: Any impacts that result in a c	l decrease in the eco	onomic stability of the community.
CITEIID			
	· · · ·		
Potential impacts	Activities not of a scale to warrant changes in su increased income for some suppliers.	pply side. Ter	nporary increase in demand will result in
	Activities not of a scale to warrant changes in su	pply side. Ter umbers and tempo	nporary increase in demand will result in
Potential impacts	Activities not of a scale to warrant changes in su increased income for some suppliers. Negligible impacts likely due to low personnel no	pply side. Ter umbers and tempo	nporary increase in demand will result in
Potential impacts Proposed management controls Duration Application ranking	Activities not of a scale to warrant changes in su increased income for some suppliers. Negligible impacts likely due to low personnel ni positive for suppliers of services and goods utilis	pply side. Ter umbers and tempo	nporary increase in demand will result in
Potential impacts Proposed management controls Duration	Activities not of a scale to warrant changes in su increased income for some suppliers. Negligible impacts likely due to low personnel ni positive for suppliers of services and goods utilis	pply side. Ter umbers and tempo	nporary increase in demand will result in
Proposed management controls Duration Application ranking What is the confidence in predicting	Activities not of a scale to warrant changes in su increased income for some suppliers. Negligible impacts likely due to low personnel no positive for suppliers of services and goods utilis Short term	pply side. Ter umbers and tempo sed. Are further studies required on impacts or	mporary increase in demand will result in prary nature of exploration. Generally
Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	Activities not of a scale to warrant changes in su increased income for some suppliers. Negligible impacts likely due to low personnel ni positive for suppliers of services and goods utilis Short term High	Are further studies required on impacts or mitigation? What is the level of public	propriet in the propriet in th
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	Activities not of a scale to warrant changes in su increased income for some suppliers. Negligible impacts likely due to low personnel ni positive for suppliers of services and goods utilis. Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	nporary increase in demand will result in orary nature of exploration. Generally No Low
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	Activities not of a scale to warrant changes in su increased income for some suppliers. Negligible impacts likely due to low personnel ni positive for suppliers of services and goods utilis. Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	nporary increase in demand will result in orary nature of exploration. Generally No Low
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	Activities not of a scale to warrant changes in su increased income for some suppliers. Negligible impacts likely due to low personnel ni positive for suppliers of services and goods utilis. Short term High 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	nporary increase in demand will result in orary nature of exploration. Generally No Low Low ranking
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the operations comply with	Activities not of a scale to warrant changes in su increased income for some suppliers. Negligible impacts likely due to low personnel ni positive for suppliers of services and goods utilis. Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	nporary increase in demand will result in orary nature of exploration. Generally No Low Low ranking
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies?	Activities not of a scale to warrant changes in su increased income for some suppliers. Negligible impacts likely due to low personnel ni positive for suppliers of services and goods utilis. Short term High High Resilience Yes Partly Yes Economic Impacts: Any impacts which result in a Rehabilitation security bond covers any future p may lead to significant mining investment. Lexploration.	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	nporary increase in demand will result in orary nature of exploration. Generally No Low Low ranking blic sector revenue or expenditure base. chabilitation. Investment in exploration regative economic impacts from
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	Activities not of a scale to warrant changes in su increased income for some suppliers. Negligible impacts likely due to low personnel ni positive for suppliers of services and goods utilis. Short term High High Resilience Yes Partly Yes Economic Impacts: Any impacts which result in a Rehabilitation security bond covers any future p may lead to significant mining investment.	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	nporary increase in demand will result in orary nature of exploration. Generally No Low Low ranking blic sector revenue or expenditure base. chabilitation. Investment in exploration regative economic impacts from
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	Activities not of a scale to warrant changes in su increased income for some suppliers. Negligible impacts likely due to low personnel ni positive for suppliers of services and goods utilis. Short term High High Resilience Yes Partly Yes Economic Impacts: Any impacts which result in a Rehabilitation security bond covers any future p may lead to significant mining investment. Lexploration.	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	nporary increase in demand will result in orary nature of exploration. Generally No Low Low ranking blic sector revenue or expenditure base. chabilitation. Investment in exploration regative economic impacts from
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	Activities not of a scale to warrant changes in su increased income for some suppliers. Negligible impacts likely due to low personnel ni positive for suppliers of services and goods utilis. Short term High High Resilience Yes Partly Yes Economic Impacts: Any impacts which result in a Rehabilitation security bond covers any future p may lead to significant mining investment. L exploration. Small increase in public revenue associated with	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	nporary increase in demand will result in orary nature of exploration. Generally No Low Low ranking blic sector revenue or expenditure base. chabilitation. Investment in exploration regative economic impacts from
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration	Activities not of a scale to warrant changes in su increased income for some suppliers. Negligible impacts likely due to low personnel ni positive for suppliers of services and goods utilis. Short term High High Resilience Yes Partly Yes Economic Impacts: Any impacts which result in a Rehabilitation security bond covers any future p may lead to significant mining investment. L exploration. Small increase in public revenue associated with	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for	nporary increase in demand will result in orary nature of exploration. Generally No Low Low ranking blic sector revenue or expenditure base. chabilitation. Investment in exploration regative economic impacts from
Proposed management controls Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	Activities not of a scale to warrant changes in su increased income for some suppliers. Negligible impacts likely due to low personnel ni positive for suppliers of services and goods utilis. Short term High High Resilience Yes Partly Yes Economic Impacts: Any impacts which result in a Rehabilitation security bond covers any future p may lead to significant mining investment. L exploration. Small increase in public revenue associated with Short term	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for a change to the pull ublic liability for reimited long term in exploration, included a change to the pull ublic liability for reimited long term in exploration, included a change to the pull ublic liability for reimited long term in exploration, included a change to the pull ublic liability for reimited long term in exploration, included a change to the pull ublic liability for reimited long term in exploration, included a change to the pull ublic liability for reimited long term in exploration, included a change to the pull ublic liability for reimited long term in exploration, included a change to the pull ublic liability for reimited long term in the pull ublic li	nporary increase in demand will result in orary nature of exploration. Generally No Low Low ranking blic sector revenue or expenditure base. Phabilitation. Investment in exploration egative economic impacts from ding taxes from wages.

Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	No	Justification for	ranking
Do the operations comply with	Yes		
standards, plans, policies? Criteria	Heritage Impacts: Any impacts on a locality, plac significance.	l e, landscape, build	ding or archaeological relic of heritage
Potential impacts	Damage to structures and sensitive features. landscapes or buildings. Short term noise, ai impact on aesthetics of a locality.		al to significantly impact on locality, places I impacts. Potential for temporary
Proposed management controls	Activities must comply with CEA Location Restriction comply with (Exploration Code of Practice: Enviroapplication (APO). Relevant requirements of this the environment (including water, land, air), cult All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a of any boreholes).	onmental Manage s Code include mir ture and heritage (ance with title con	ement) as per the commitment in the nimising potential impacts on all aspects of (Aboriginal and Non-Indigenous heritage). ditions (Exploration Code of Practice:
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 for	ranking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Aesthetic Impacts: Any impacts on the visual or	scenic landscape, i	ncluding lighting, venting or flaring of gas.
Potential impacts	Limited potential to significantly impact on visua visual impacts. Potential for temporary impa operations and use of access tracks by vehicles a	ict on aesthetics of	f a locality. Lighting during night time
Proposed management controls	Activities must comply with CEA Location Restriction comply with (Exploration Code of Practice: Environapplication (APO). Relevant requirements of this the environment (including water, land, air), cult All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a of any boreholes).	onmental Manage s Code include mir ture and heritage (ance with title con	ement) as per the commitment in the nimising potential impacts on all aspects of (Aboriginal and Non-Indigenous heritage). ditions (Exploration Code of Practice:
Duration	Short term		
Application ranking			
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	Low
Can the impacts be reversed?	N/A	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification for	ranking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Aesthetic Impacts: Areas or items of high aesthe	tic or scenic value	
Potential impacts	Limited potential to significantly impact on aesthesistal impacts. Potential for temporary impacts operations and use of access tracks by vehicles a including any removal of vegetation and access to	netic or scenic valu act on aesthetics of at night may affect	re. Short term noise, air quality and f a locality. Lighting during night time local amenity . Exploration activities,

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, a				
Application ranking What is the confidence in predicting impacts? High Resilience High Resilience High Resilience What is the level of public Can the impacts be mitigated? Partly Justification for ranking Partly Justification for ranking Low potential significance	Proposed management controls	Restrictions, Impact Thresholds and Criteria. Environmental Management) as per the commit this Code include minimising potential impacts of culture and heritage (Aboriginal and Non-Indiger accordance with title conditions (Exploration Co	Activities must co ment in the applic on all aspects of the nous heritage). de of Practice: Ref	cation (APO). Relevant requirements of e environment (including water, land, air), All disturbed areas to be rehabilitated in nabilitation). Rehabilitation to occur as
Application ranking What is the confidence in predicting impacts? High Resilience High Resilience High Resilience What is the level of public Can the impacts be mitigated? Partly Justification for ranking Partly Justification for ranking Low potential significance	Duration	Short term	0 0	,
What is the confidence in predicting impacts? High Resilience How resilient is the environment to cope with impacts or mitigation? Can the impacts be reversed? Can the impacts be mitigated? Do the operations comply with standards, plans, policies? Criteria Proposed management controls Criteria (A) (A) (Relevant Funding and E) (A) (Resilience occur) with standards, plans, policies? Criteria (A) (A) (Relevant Funding and E) (A) (Resilience occur) with standards, plans, policies? Criteria (A) (A) (Relevant Funding and E) (A) (Relevant Funding A) (Relevant Funding A		Short term		
How resilient is the environment to cope with impacts? High Resilience What is the concern?				T
Resilient is the environment to cope with impacts? What is the conditions completed in a pact of public concern?	What is the confidence in predicting	High		No
How resilient is the environment to cope with impacts? High Resilience What is the level of public Concern?	impacts?			
How resilient is the environment to cope with impacts? High Resilience What is the Low Level of public Concern?			required on	
How resilient is the environment to cope with impacts? Can the impacts be reversed? Yes Banking of potential significants or an extension of the ground surface or any culturally modified trees (e.g. a scar tree). Potential impacts Short term ground disturbance of the ground surface or any culturally modified trees (e.g. a scar tree). Potential impacts Short term ground disturbance of the ground surface or any culturally modified trees (e.g. a scar tree). Potential impacts Activities must comply with CEA Location Restrictions, impact Thresholds and Criteria. Activities cannot occur and declared an Aborginal Place and activities must imbrary application (APO). Relevant requirements of this Code include minimising potential mapplication (APO). Relevant requirements of this Code include minimising potential moderation and activities must dentificate a feat the environment including water, land, air), culture and heritage (Aborginal and Non-Indigenous heritage All disturbance of the ground surface or any activation of a citivity (including sealing of any potentials). Buration Application ranking What is the confidence in predicting impacts? What is the environment to cope with impacts? Can the impacts be mitigated? Potential impacts be mitigated? Can the impacts be mitigated? Can the impacts be mitigated? Can the impacts be mitigated? Cultural Impacts: Any impacts on known Aborginal abolects or Abortiginal alpices. Criteria Cultural impacts: Any impacts on known Aborginal objects or Abortiginal alpices. Activities must comply with CEA Location Restrictions, impact Thresholds and Criteria. Activities cannot occur and adecideration and activities must not harm Aborginal objects and places through ground disturbance, excavations, vegetation clearing, etc. Control impacts or an activities must not harm Aborginal objects and places through ground disturbance, excavation fAPO. Relevant requirements of this Code include minimising potential impacts on all aspects and an activities must not harm Aborg			impacts or	
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disturbance, excavations, vegetation clearing, etc. Proposed management controls 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 application (APO). Relevant requirements of this Code include minimising potential impacts on all aspect the environment (including water, land, air), culture and heritage (Aboriginal and Non-Indigenous heritag 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	Potential impacts	Short term ground disturbance. Potential for	impact on Aborig	inal objects and places through ground
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 application (APO). Relevant requirements of this Code include minimising potential impacts on all aspect the environment (including water, land, air), culture and heritage (Aboriginal and Non-Indigenous heritag 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	•			
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the environment (including water, land, air), culture and heritage (Aboriginal and Non-Indigenous heritag 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		1 / 1		0 , 1
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				
Rehabilitation). Rehabilitation to occur as soon as practicable after completion of activity (including sealing of any boreholes). Duration Application ranking What is the confidence in predicting impacts?				
Of any boreholes). Duration Short term Application ranking What is the confidence in predicting impacts? What is the confidence in predicting impacts or				
Duration Short term Application ranking What is the confidence in predicting impacts? High Are further studies required on impacts or		Rehabilitation). Rehabilitation to occur as soon a	is practicable after	r completion of activity (including sealing
Application ranking What is the confidence in predicting impacts? High Studies required on impacts or		of any boreholes).		
What is the confidence in predicting impacts? High Are further studies required on impacts or	Duration	Short term		
What is the confidence in predicting impacts? High Are further studies required on impacts or	Application ranking			
impacts? studies required on impacts or		High	Are further	No
required on impacts or	_			
impacts or	impacts:			
mitigation?				
			mitigation?	

He will at the control of the contro	Historia Paralla and	And a Carlo	T.,.	
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	Low	
	- "	significance	<u> </u>	
Can the impacts be mitigated?	Fully	Justification for	ranking	
Do the operations comply with standards, plans, policies?	Yes			
Criteria	Cultural Impacts: Affects areas where the landsc objects.	cape features indica	ate the likely presence of Aboriginal	
Potential impacts	·		inal objects and places through ground	
Proposed management controls	Activities must comply with CEA Location Restric		esholds and Criteria. Activities cannot	
	occur on land declared an Aboriginal Place and activities must not harm Aboriginal Objects. must comply with (Exploration Code of Practice: Environmental Management) as per the com			
	application (APO). Relevant requirements of thi the environment (including water, land, air), cul All disturbed areas to be rehabilitated in accordance (Rehabilitation). Rehabilitation to occur as soon and the control of any branches.	ture and heritage (ance with title con	Aboriginal and Non-Indigenous heritage). ditions (Exploration Code of Practice:	
Duration	of any boreholes). Short term			
Application ranking	Short term			
What is the confidence in predicting	High	Are further	No	
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	
can the impacts be reversed:	163	potential	LOW	
		significance		
Can the impacts be mitigated?	Fully	Justification for	ranking	
Do the operations comply with	Yes			
standards, plans, policies?				
Criteria	Cultural Impacts: Affects areas subject to native	title claims, indige	nous land use agreements or joint	
Potential impacts	management arrangements. Condition of exploration title/authority prohibit:	s ovnloration on an	ay land or waters on which Native Title has	
·	not been extinguished, unless the prior consent	of the Minister ha	s been obtained.	
Proposed management controls	Condition of exploration title/authority prohibit not been extinguished, unless the prior consent			
Duration	Short term			
Application ranking				
What is the confidence in predicting	High	Are further	No	
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		
Com the times at the settle of 12	Fulls	significance		
Can the impacts be mitigated?	Fully	Justification for	ranking	
Do the operations comply with standards, plans, policies?	Yes			
Criteria	Cultural Impacts: Impacts on Aboriginal commu	। nities or areas subi	ect to land rights claims.	
Potential impacts	Condition of exploration title/authority prohibit:			
	not been extinguished, unless the prior consent			
	comply with CEA Location Restrictions, Impact T			
	declared an Aboriginal Place and activities must			
	and temporary.			
Proposed management controls	Condition of exploration title/authority prohibit			
	not been extinguished, unless the prior consent			
	comply with CEA Location Restrictions, Impact T declared an Aboriginal Place and activities must			
		II HALLII ADDIIDID	an and the same of	

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 for	ranking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Cultural Impacts: Impacts on areas or items of hi heritage, historical, recreational or scientific values		l, archaeological, architectural, cultural,
Potential impacts	Short term and temporary impacts only.		
Proposed management controls	Activities must comply with CEA Location Restriction comply with (Exploration Code of Practice: Enviroapplication (APO). Relevant requirements of this the environment (including water, land, air), cult Aboriginal or European heritage objects/items/ato be rehabilitated in accordance with title cond Rehabilitation to occur as soon as practicable after boreholes).	onmental Manage s Code include mir ture and heritage (ireas to be demarc itions (Exploration	ment) as per the commitment in the nimising potential impacts on all aspects of Aboriginal and Non-Indigenous heritage). Cated and avoided. All disturbed areas Code of Practice: Rehabilitation).
Duration	N/A		
Application ranking			
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No
How resilient is the environment to cope with impacts?	N/A	What is the level of public concern?	Low
Can the impacts be reversed?	N/A	Ranking of potential significance	Low
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 us		
Potential impacts	Limited potential for any major changes in land of Negligible impacts and limited to immediate vici temporarily removed from existing land use/s by productive rural industries, including agriculture resources.	nity of site. Are ut no long term im	eas used for exploration activities,
Proposed management controls	Minimal impacts likely and limited to immediate Location Restrictions, Impact Thresholds and Cri Practice: Environmental Management) as per th areas to be rehabilitated in accordance with title Rehabilitation to occur as soon as practicable aff landholder access arrangements and compensate	teria. Activities e commitment in te conditions (Explo ter completion of a	s must comply with (Exploration Code of the application (APO). All disturbed ration Code of Practice: Rehabilitation). activity. Legislative requirement for
Duration	Short term	mint any poter	med impues.
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?	No	Justification for	ranking

Do the operations comply with standards, plans, policies?	Yes		
Criteria	Transportation Impacts: Substantial impacts on		tion systems (road, rail, pedestrian) which
	alter present patterns of circulation or movemer		
Potential impacts	Short term additional traffic during exploration a		<u> </u>
Proposed management controls	Short term additional traffic during exploration a Limited to immediate site. Subject to landho		luring set-up/construction stage. nd any compensation.
Duration	Short term		
Application ranking			
What is the confidence in predicting	High	Are further	No
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	
0	5 II	significance	
Can the impacts be mitigated?	Fully	Justification for	гапкіпд
Do the operations comply with	Yes		
standards, plans, policies? Criteria	Transportation Impacts: Impacts associated with	direct or indirect	additional traffic
Proposed management controls	Short term additional traffic during exploration a Short term additional traffic during exploration a		
Proposed management controls	g .		nd any compensation.
Duration	Short term	older agreement a	nd any compensation.
Application ranking	Short term		
What is the confidence in predicting	High	Are further	No
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	
Con the impacts he mitigated?	Fully	significance	uankina
Can the impacts be mitigated? Do the operations comply with	Fully Yes	Justification for	ranking
standards, plans, policies?	165		
Criteria	Consistency with applicable local strategic plann	ing statements, re	gional strategic plans or district strategic
	plans.		8
Potential impacts			
Dronocod management controls	Temporary and short term impact on the land.		
Proposed management controls	Exploration comprises development that does no	ot need consent ui	nder the EP&A Act and associated local,
rroposed management controls			-
rruposed management controls	Exploration comprises development that does no	lict or inconsistenc	-
rioposed management controls	Exploration comprises development that does no regional and district plans. There will be no confl statements, regional strategic plans or district st immediate site of the activity. Impacts are co	lict or inconsistenc rategic plans. I ompensable under	y with applicable local strategic planning Minimal impacts likely and limited to relevant legislation, including Mining Act
rioposed management controls	Exploration comprises development that does not regional and district plans. There will be no confl statements, regional strategic plans or district st immediate site of the activity. Impacts are considered and Petroleum (Onshore) Act 1991. Sul	lict or inconsistend rategic plans. I ompensable under bject to landholde	y with applicable local strategic planning Minimal impacts likely and limited to relevant legislation, including Mining Act r agreement and any compensation.
rioposed management controls	Exploration comprises development that does not regional and district plans. There will be no confl statements, regional strategic plans or district st immediate site of the activity. Impacts are confided and Petroleum (Onshore) Act 1991. Sul All disturbed areas to be rehabilitated in accordance.	lict or inconsistenc rategic plans. I ompensable under bject to landholde ance with title cond	y with applicable local strategic planning Minimal impacts likely and limited to relevant legislation, including Mining Act r agreement and any compensation. ditions (Exploration Code of Practice:
rioposed management controls	Exploration comprises development that does not regional and district plans. There will be no confl statements, regional strategic plans or district st immediate site of the activity. Impacts are confided and Petroleum (Onshore) Act 1991. Sul All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a	lict or inconsistenc rategic plans. I ompensable under bject to landholde ance with title cond	y with applicable local strategic planning Minimal impacts likely and limited to relevant legislation, including Mining Act r agreement and any compensation. ditions (Exploration Code of Practice:
	Exploration comprises development that does not regional and district plans. There will be no conflicted statements, regional strategic plans or district statements. Impacts are considered and petroleum (Onshore) Act 1991. Sul All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a of any boreholes).	lict or inconsistenc rategic plans. I ompensable under bject to landholde ance with title cond	y with applicable local strategic planning Minimal impacts likely and limited to relevant legislation, including Mining Act r agreement and any compensation. ditions (Exploration Code of Practice:
Duration	Exploration comprises development that does not regional and district plans. There will be no confl statements, regional strategic plans or district st immediate site of the activity. Impacts are confided and Petroleum (Onshore) Act 1991. Sul All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a	lict or inconsistenc rategic plans. I ompensable under bject to landholde ance with title cond	y with applicable local strategic planning Minimal impacts likely and limited to relevant legislation, including Mining Act r agreement and any compensation. ditions (Exploration Code of Practice:
Duration Application ranking	Exploration comprises development that does not regional and district plans. There will be no conflicted statements, regional strategic plans or district stratements, regional strategic plans or district stratements, regional strategic plans or district plans or dis	lict or inconsistenc rategic plans. I ompensable under bject to landholde ance with title con as practicable after	y with applicable local strategic planning Minimal impacts likely and limited to relevant legislation, including Mining Act ragreement and any compensation. ditions (Exploration Code of Practice: completion of activity (including sealing
Duration Application ranking What is the confidence in predicting	Exploration comprises development that does not regional and district plans. There will be no conflicted statements, regional strategic plans or district statements. Impacts are considered and petroleum (Onshore) Act 1991. Sul All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a of any boreholes).	lict or inconsistence rategic plans. I compensable under bject to landholde ance with title conce as practicable after Are further	y with applicable local strategic planning Minimal impacts likely and limited to relevant legislation, including Mining Act r agreement and any compensation. ditions (Exploration Code of Practice:
Duration Application ranking	Exploration comprises development that does not regional and district plans. There will be no conflicted statements, regional strategic plans or district stratements, regional strategic plans or district stratements, regional strategic plans or district plans or dis	lict or inconsistenc rategic plans. I ompensable under bject to landholde ance with title con as practicable after	y with applicable local strategic planning Minimal impacts likely and limited to relevant legislation, including Mining Act ragreement and any compensation. ditions (Exploration Code of Practice: completion of activity (including sealing
Duration Application ranking What is the confidence in predicting	Exploration comprises development that does not regional and district plans. There will be no conflicted statements, regional strategic plans or district stratements, regional strategic plans or district stratements, regional strategic plans or district plans or dis	lict or inconsistence rategic plans. I compensable under bject to landholde ance with title cone as practicable after Are further studies	y with applicable local strategic planning Minimal impacts likely and limited to relevant legislation, including Mining Act ragreement and any compensation. ditions (Exploration Code of Practice: completion of activity (including sealing
Duration Application ranking What is the confidence in predicting	Exploration comprises development that does not regional and district plans. There will be no conflicted statements, regional strategic plans or district stratements, regional strategic plans or district stratements, regional strategic plans or district plans or dis	lict or inconsistence rategic plans. I compensable under bject to landholde ance with title cone as practicable after Are further studies required on	y with applicable local strategic planning Minimal impacts likely and limited to relevant legislation, including Mining Act ragreement and any compensation. ditions (Exploration Code of Practice: completion of activity (including sealing
Duration Application ranking What is the confidence in predicting	Exploration comprises development that does not regional and district plans. There will be no conflicted statements, regional strategic plans or district stratements, regional strategic plans or district stratements, regional strategic plans or district plans or dis	lict or inconsistence rategic plans. I compensable under bject to landholde ance with title cone as practicable after Are further studies required on impacts or	y with applicable local strategic planning Minimal impacts likely and limited to relevant legislation, including Mining Act ragreement and any compensation. ditions (Exploration Code of Practice: completion of activity (including sealing
Duration Application ranking What is the confidence in predicting impacts?	Exploration comprises development that does not regional and district plans. There will be no conflicted statements, regional strategic plans or district stratements, regional strategic plans or district strainmediate site of the activity. Impacts are confided and Petroleum (Onshore) Act 1991. Sul All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a of any boreholes). Short term - until land is rehabilitated. High	lict or inconsistence rategic plans. I compensable under bject to landholde ance with title cone as practicable after Are further studies required on impacts or mitigation?	y with applicable local strategic planning Minimal impacts likely and limited to relevant legislation, including Mining Act ragreement and any compensation. ditions (Exploration Code of Practice: completion of activity (including sealing No
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	Exploration comprises development that does not regional and district plans. There will be no conflicted statements, regional strategic plans or district stratements, regional strategic plans or district strainmediate site of the activity. Impacts are confided and Petroleum (Onshore) Act 1991. Sul All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a of any boreholes). Short term - until land is rehabilitated. High	lict or inconsistence rategic plans. I compensable under bject to landholde ance with title cone as practicable after Are further studies required on impacts or mitigation? What is the	y with applicable local strategic planning Minimal impacts likely and limited to relevant legislation, including Mining Act ragreement and any compensation. ditions (Exploration Code of Practice: completion of activity (including sealing No
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to	Exploration comprises development that does not regional and district plans. There will be no conflicted statements, regional strategic plans or district stratements, regional strategic plans or district strainmediate site of the activity. Impacts are confided and Petroleum (Onshore) Act 1991. Sul All disturbed areas to be rehabilitated in accordance Rehabilitation). Rehabilitation to occur as soon a of any boreholes). Short term - until land is rehabilitated. High	lict or inconsistence rategic plans. I compensable under bject to landholde ance with title cone as practicable after Are further studies required on impacts or mitigation? What is the level of public	y with applicable local strategic planning Minimal impacts likely and limited to relevant legislation, including Mining Act ragreement and any compensation. ditions (Exploration Code of Practice: completion of activity (including sealing No
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	Exploration comprises development that does not regional and district plans. There will be no conflicted statements, regional strategic plans or district stratements, regional strategic plans or district stratements, regional strategic plans or district stratements, regional strategic plans or district plans	Ict or inconsistence rategic plans. In compensable under bject to landholder ance with title cone as practicable after Are further studies required on impacts or mitigation? What is the Ievel of public concern? Ranking of potential	y with applicable local strategic planning Minimal impacts likely and limited to relevant legislation, including Mining Act ragreement and any compensation. ditions (Exploration Code of Practice: completion of activity (including sealing No
Duration Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	Exploration comprises development that does not regional and district plans. There will be no conflicted statements, regional strategic plans or district stratements, regional strategic plans or district stratements, regional strategic plans or district stratements, regional strategic plans or district plans	lict or inconsistence rategic plans. I compensable under bject to landholde ance with title cone as practicable after Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of	y with applicable local strategic planning Minimal impacts likely and limited to relevant legislation, including Mining Act ragreement and any compensation. ditions (Exploration Code of Practice: completion of activity (including sealing No Low

Do the annuations consult with	Vac	1	
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Matters of National Environmental Significance:	Impacts on MNFS	under the Commonwealth Environmenta
	Protection and Biodiversity Conservation Act 19	•	
Potential impacts	N/A as activities must comply with CEA Location		act Thresholds and Criteria. Cannot impac
•	on MNES.	, ,	·
Proposed management controls	N/A		
Duration	N/A		
Application ranking			
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	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	Cumulative Impacts: Cumulative environmental	offects with other	existing or likely future activities
Potential impacts			nal impacts on the environment from pas
Potential impacts	current and relevant future projects.	significant addition	nai impacts on the environment nom pas
Proposed management controls	Short term impacts predominantly limited to im-	modiato sito	Subject to landholder agreement and any
r roposed management controls			ictions, Impact Thresholds and Criteria.
	Activities must comply with (Exploration Code of		•
	commitment in the application (APO). Relevant		9 , .
		•	ordance with title conditions (Exploration
	Code of Practice: Rehabilitation). Rehabilitation		
		to occur as soon a	
		to occur as soon a	practicable arter completion of activity
Duration	(including sealing of any boreholes). Short term	to occur as soon a	o practicable area completion of activity
Duration Application ranking	(including sealing of any boreholes).	to occur as soon a	s practicable area completion of activity
	(including sealing of any boreholes).	Are further	No No
Application ranking	(including sealing of any boreholes). Short term		
Application ranking What is the confidence in predicting	(including sealing of any boreholes). Short term	Are further	
Application ranking What is the confidence in predicting	(including sealing of any boreholes). Short term	Are further studies	
Application ranking What is the confidence in predicting	(including sealing of any boreholes). Short term	Are further studies required on	
Application ranking What is the confidence in predicting	(including sealing of any boreholes). Short term	Are further studies required on impacts or	
Application ranking What is the confidence in predicting impacts?	(including sealing of any boreholes). Short term High	Are further studies required on impacts or mitigation?	No
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	(including sealing of any boreholes). Short term High	Are further studies required on impacts or mitigation?	No
Application ranking What is the confidence in predicting impacts? How resilient is the environment to	(including sealing of any boreholes). Short term High	Are further studies required on impacts or mitigation? What is the level of public	No
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	(including sealing of any boreholes). Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern?	No
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	(including sealing of any boreholes). Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern?	No
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts?	(including sealing of any boreholes). Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	Low
Application ranking What is the confidence in predicting impacts? How resilient is the environment to cope with impacts? Can the impacts be reversed?	(including sealing of any boreholes). Short term High High Resilience	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	Low

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