

Monday 22 April 2024

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

## Nyngan | APO0001742

Decision Maker	Monique Meyer
Prepared by	Marianne Bonnay
Title	EL 8911 (1992)
Authorised Representative	
Project name	Nyngan
Activity type	Non-Complying Exploration Activity

#### Issue

has sought an activity approval in respect of Nyngan, within EL 8911 (1992), at 3km north from Nyngan.

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

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

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

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

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

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

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

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

## Background

This exploration activity approval is being sought under EL 8911 (granted 8/11/2019 & expiry 8/11/2025) to undertake assessable prospecting operations.

The current security deposit held for EL 8911 is \$10,000.

## Proposed exploration activity

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

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

No alternatives options to the proposed activity were considered.

#### Security

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

Refer to RCE Record RCE0001922

## Assessment of Impacts (Non-complying exploration activity)

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

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

### Additional terms (if approved)

No additional terms are required.

## **Summary**

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

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

#### Certification

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

#### Review of Environmental Factors document

Criteria	Air Impacts: Air quality impacts (including impacts on nearby sensitive receptors).		
Potential impacts	Air impacts from the proposed program are neg	ligible.	
	There is one homestead, River Ridge Homestead, located within the proposed drilling area. The relevant		
	landholders in this area are fully informed with the proposed drilling and appropriate access agreements will		
	be in place prior to any works. There are no further sensitive receptors nearby. The town of Nyngan is		
	located approximately 2km south of the propos	•	
	towards the centre and north of this approval area and as such not considered to be of much concern as		
	works have occurred in this area previously.		
	As mud rotary and diamond drilling does not pr	oduce significant d	ust the impact to the receptor is predicted
	to be negligible.		a har at formar
	All vehicles will be in good working order and no	of releasing excess (	exhaust fumes.
	No new tracks are being created.		
Proposed management controls	Drilling will not occur within 400m of sensitive receptors.		
	Vehicles will travel slowly along all farm tracks to minimise travelling dust.		
	Vehicles will be well maintained to minimise excessive exhaust fumes.		
	Landholder consultation will occur throughout the whole program to ensure best and appropriate practices		
	are being maintained.		
Duration	3-5		
Application ranking	Negligible		
What is the confidence in predicting	High	Are further	No
impacts?		studies	
		required on	
		impacts or	
		mitigation?	

How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public	Low	
Can the impacts be reversed?	Yes	concern? Ranking of potential	Low	
Con the impacts he mitigated?	Dorth	significance	aulius.	
Can the impacts be mitigated?	Partly	Justification for ra	anking	
Do the operations comply with standards, plans, policies?	Yes			
Criteria	Air Impacts: Greenhouse or ozone impacts.			
Potential impacts	Air impacts from the proposed program are neg	Air impacts from the proposed program are negligible.		
Proposed management controls	There is one homestead, River Ridge Homestead landholders in this area are fully informed with be in place prior to any works. There are no furt located approximately 2km south of the propos towards the centre and north of this approval a works have occurred in this area previously. As mud rotary and diamond drilling does not put be negligible.  All vehicles will be in good working order and no No new tracks are being created.  Drilling will not occur within 400m of sensitive results.	the proposed drillin ther sensitive recep ed drilling area, how rea and as such not roduce significant d of releasing excess of	ng and appropriate access agreements will tors nearby. The town of Nyngan is wever tentatively proposed holes are considered to be of much concern as ust the impact to the receptor is predicted	
	Vehicles will travel slowly along all farm tracks t Vehicles will be well maintained to minimise ex- Landholder consultation will occur throughout t are being maintained.	o minimise travellir cessive exhaust fum	nes.	
Duration	3-5			
Application ranking  What is the confidence in predicting	Negligible	Are further	No	
impacts?	High	studies required on impacts or mitigation?	NO	
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Low	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Partly	Justification for ra	 anking	
Do the operations comply with	Yes			
standards, plans, policies?				
Criteria	Air Impacts: Additional impacts on areas with de	egraded air quality.		
Potential impacts	Air impacts from the proposed program are negligible.  There is one homestead, River Ridge Homestead, located within the proposed drilling area. The relevant landholders in this area are fully informed with the proposed drilling and appropriate access agreements will be in place prior to any works. There are no further sensitive receptors nearby. The town of Nyngan is located approximately 2km south of the proposed drilling area, however tentatively proposed holes are towards the centre and north of this approval area and as such not considered to be of much concern as works have occurred in this area previously.  As mud rotary and diamond drilling does not produce significant dust the impact to the receptor is predicted to be negligible.  All vehicles will be in good working order and not releasing excess exhaust fumes.  No new tracks are being created.			
Proposed management controls	Drilling will not occur within 400m of sensitive receptors.  Vehicles will travel slowly along all farm tracks to minimise travelling dust.  Vehicles will be well maintained to minimise excessive exhaust fumes.  Landholder consultation will occur throughout the whole program to ensure best and appropriate practices are being maintained.			
Duration	3-5			
Application ranking	Negligible	A 6 1	l Na	
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No	
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Low	

Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Partly	Justification for ra	anking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Water Impacts: Impacts from the use of surface	or groundwater.	
Potential impacts	Water obtained for this drilling will be from farm dams in consultation with landholders or trucked in from the nearby town of Nyngan. There will be no impact to surface or groundwater, and no change to natural waterbodies or runoff patterns.  Any groundwater encountered during drilling will be managed and contained by the drilling methods to ensure that water is contained in the same strata and not cross to different water bearing strata. The Company have drilled many holes in this area and have not encountered any difficulties with water.  The program is not expected to have an impact on surface water.		
Proposed management controls	Drilling will not be undertaken during extreme weather events and so surface water will not b Groundwater is not expected to cause concern as this area has been drilled previously with no		
	Above ground sump used for water managment Surface water should not be affected by the property and the Bogan River are located on the eastern locations will be drilled more than 100m away for Drillholes will not be advanced within 40m of an undertaken in close consultation with the landh	oposed activities. Th and western periph from any watercours ny existing drainage	neries of this approval area. Actual collar se. s. Specific access to sites will be
Duration	3-5		
Application ranking	Positive		
What is the confidence in predicting	High	Are further	No
impacts?		studies required on impacts or	
		mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Low
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	Uncertain	Ranking of potential significance	Low
Can the impacts be mitigated?	Fully	Justification for ra	anking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Water Impacts: Impacts from storage of water		
Potential impacts	Water obtained for this drilling will be from farm dams in consultation with landholders or trucked in from the nearby town of Nyngan. There will be no impact to surface or groundwater, and no change to natural waterbodies or runoff patterns.  Any groundwater encountered during drilling will be managed and contained by the drilling methods to ensure that water is contained in the same strata and not cross to different water bearing strata. The Company have drilled many holes in this area and have not encountered any difficulties with water.  The program is not expected to have an impact on surface water.		
Proposed management controls	Drilling will not be undertaken during extreme weather events and so surface water will not be affected. Groundwater is not expected to cause concern as this area has been drilled previously with no concerns. Above ground sump used for water managment.  Surface water should not be affected by the proposed activities. The nearest watercourses, the Box Cowal and the Bogan River are located on the eastern and western peripheries of this approval area. Actual collar locations will be drilled more than 100m away from any watercourse.  Drillholes will not be advanced within 40m of any existing drainages. Specific access to sites will be undertaken in close consultation with the landholder who knows the ground conditions the best.		
Duration	3-5	- 7	
Application ranking	Negligible		
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No
	Medium Resilience	What is the	Low

Can the impacts be reversed?	Uncertain	Ranking of potential significance	Low
Can the impacts be mitigated?	Partly	Justification for ra	anking
Do the operations comply with standards, plans, policies?	Yes		<u> </u>
Criteria	Water Impacts: Impacts from changes to natura	l water bodies, wet	lands or runoff patterns.
Potential impacts	Water obtained for this drilling will be from farm dams in consultation with landholders or trucked in from the nearby town of Nyngan. There will be no impact to surface or groundwater, and no change to natural waterbodies or runoff patterns.  Any groundwater encountered during drilling will be managed and contained by the drilling methods to ensure that water is contained in the same strata and not cross to different water bearing strata. The Company have drilled many holes in this area and have not encountered any difficulties with water.  The program is not expected to have an impact on surface water.		
Proposed management controls	Drilling will not be undertaken during extreme was Groundwater is not expected to cause concern. Above ground sump used for water managment. Surface water should not be affected by the properties of the Bogan River are located on the eastern locations will be drilled more than 100m away for Drillholes will not be advanced within 40m of are	as this area has bee t. posed activities. Th and western periph rom any watercours ny existing drainage	n drilled previously with no concerns.  e nearest watercourses, the Box Cowal teries of this approval area. Actual collar se. s. Specific access to sites will be
	undertaken in close consultation with the landh	older who knows th	ne ground conditions the best.
Duration	3-5		
Application ranking	Positive	A u.a. formalis a u	NI-
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Low
Can the impacts be reversed?	Uncertain	Ranking of potential significance	Low
Can the impacts be mitigated?	Partly	Justification for ra	anking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Water Impacts: Impacts from aquifer interferen	ce, including chang	es to inter-aquifer connectivity.
Potential impacts	Water obtained for this drilling will be from farm dams in consultation with landholders or trucked in from the nearby town of Nyngan. There will be no impact to surface or groundwater, and no change to natural waterbodies or runoff patterns.  Any groundwater encountered during drilling will be managed and contained by the drilling methods to ensure that water is contained in the same strata and not cross to different water bearing strata. The Company have drilled many holes in this area and have not encountered any difficulties with water. The program is not expected to have an impact on surface water.		
Proposed management controls  Duration	Drilling will not be undertaken during extreme of Groundwater is not expected to cause concern. Above ground sump used for water managment same strata and not cross to different water begowd Groundwater encountered during drilling will be Company have drilled several holes in this area. There are several water bores located around the GW801615 – located at a homestead in the sou 36.0m, standing water level recorded at 15m are GW805502 – drilled in 2010 as a monitoring borecorded 0.1L/s.	as this area has bee t. aring strata. e managed and con and have not encoune area, the closest th of the area, drille d yield recorded 2.	tained by the drilling methods. The intered any difficulties with water. being; ed in 2002 as a stock and domestic bore to SL/s.
Application ranking	Positive		
Application ranking	i ositive		

What is the confidence in predicting	High	Are further	No
impacts?		studies	
		required on	
		impacts or mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Low
cope with impacts?		level of public	20.1
		concern?	
Can the impacts be reversed?	Uncertain	Ranking of	Low
		potential	
Con the imports he mitigated?	Dorth	significance	
Can the impacts be mitigated?  Do the operations comply with	Partly Yes	Justification for ra	anking
standards, plans, policies?	163		
Criteria	Water Impacts: Impacts from changes to flooding	ng or tidal regimes.	
Potential impacts	Water obtained for this drilling will be from farr	n dams in consultat	ion with landholders or trucked in from
•	the nearby town of Nyngan. There will be no im	pact to surface or g	roundwater, and no change to natural
	waterbodies or runoff patterns.		
	Any groundwater encountered during drilling w	_	·
	ensure that water is contained in the same strat Company have drilled many holes in this area as		<u> </u>
	The program is not expected to have an impact		tered any difficulties with water.
Proposed management controls	Drilling will not be undertaken during extreme v		so surface water will not be affected.
	Groundwater is not expected to cause concern		
	Above ground sump used for water managemen		and the Resident
	Surface water should not be affected by the pro and the Bogan River are located on the eastern	•	
	locations will be drilled more than 100m away f		
	Drillholes will not be advanced within 40m of ar	•	
	undertaken in close consultation with the landh	older who knows th	ne ground conditions the best.
Duration	3-5		
Application ranking What is the confidence in predicting	Positive High	Are further	No
impacts?	Tilgii	studies	NO
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Low
cope with impacts?		level of public concern?	
Can the impacts be reversed?	Uncertain	Ranking of	Low
can the impacts be reversed.	- Checkenn	potential	2011
		significance	
Can the impacts be mitigated?	Partly	Justification for ra	anking
Do the operations comply with	N/A		
standards, plans, policies?	Water Impacts: Impacts from changes in surface	or groundwater gu	solity and quantity
Criteria	Water Impacts: Impacts from changes in surface		
Potential impacts	Water obtained for this drilling will be from farr the nearby town of Nyngan. There will be no im		
	waterbodies or runoff patterns.	pact to surface of 6	roundwater, and no change to natural
	Any groundwater encountered during drilling w	ill be managed and	contained by the drilling methods to
	ensure that water is contained in the same strat	ta and not cross to d	different water bearing strata. The
	Company have drilled many holes in this area ar		tered any difficulties with water.
	The program is not expected to have an impact		
Proposed management controls	Drilling will not be undertaken during extreme v Groundwater is not expected to cause concern		
	Above ground sump used for water managemen	nt.	
	Surface water should not be affected by the proposed activities. The nearest watercourses, the Box Cowal and the Bogan River are located on the eastern and western peripheries of this approval area. Actual collar locations will be drilled more than 100m away from any watercourse.  Drillholes will not be advanced within 40m of any existing drainages. Specific access to sites will be undertaken in close consultation with the landholder who knows the ground conditions the best.		
		older who knows th	ne ground conditions the best.
	undertaken in close consultation with the landh	older who knows th	ne ground conditions the best.
Duration Application ranking		older who knows th	ne ground conditions the best.

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?	Medium Resilience	What is the level of public	Low
		concern?	
Can the impacts be reversed?	Uncertain	Ranking of potential	Low
6 11 1 11 11 11	2	significance	<u> </u>
Can the impacts be mitigated?	Partly	Justification for r	anking
Do the operations comply with	Yes		
standards, plans, policies? Criteria	Soil & Stability Impacts: Degradation of soil qua	   lity (including conta	mination salinisation or acidification)
Potential impacts	There are no acid sulfate soils within this area.	inty (including conta	initiation, samisation of acidification).
	approximately 7-10 days per hole. Due to the sepersonnel and vehicle movement will be restrict temporary access routes, this will likely be scarilandholder will be maintained throughout this p. Wind erosion will be assessed in consultation w measures considered. The watercourses with we drilling area host increased vegetation which wi will be considered, however with the proposed any drilling waters will be contained in above grand LANDUSE. The land is currently utilised for agricultural grandfer the proposed drilling works. Earthworks and vegetation clearance is not requopen.  Drill pad areas, affecting approximately 10 x 20 is should this be necessary care will be taken to experience the proposed for application.	ted where possible, fied after use by the program. With the landholder progression on the east of the control o	Should compaction occur of the elandholder. Close consultation with the prior to site access and mitigation stern and western sides of this proposed my wind erosion. Salinity of groundwater bundwater will remain in the ground and of affect the surrounding surface.  Idand use will not be changed during or grogram. Sites are relatively flat and or clearing of grass from the surface,
Proposed management controls	There will be no vegetation clearing for this dril sites safe, should this be necessary care will be vegetation regrowth. Minimal surface disturbar tracks where possible, should soil compaction rensure all ground is returned to existing state.	taken to ensure to I nce to ensure minim	eave root stock to enable existing nal impact to the soil. Utilising existing
Duration	3-5		
Application ranking	Negligible		
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public	Low
		concern?	
Can the impacts be reversed?	Uncertain	Ranking of potential	Low
Con the increase he writing 12.42	Dorth	significance	
Can the impacts be mitigated?	Partly	Justification for r	anking
Do the operations comply with standards, plans, policies?	Yes		1.00
Criteria	Soil & Stability Impacts: Impacts on land with hi	gh agricultural capa	bility.

Proposed management controls	There are no acid sulfate soils within this area. The proposed drilling area is covered with soil t moderate to severe limitations. A maximum of approximately 7-10 days per hole. Due to the se personnel and vehicle movement will be restrict temporary access routes, this will likely be scarl landholder will be maintained throughout this Wind erosion will be assessed in consultation we measures considered. The watercourses with we drilling area host increased vegetation which we will be considered, however with the proposed any drilling waters will be contained in above grants. Level 1  Reviewed by RR on 16/4/2024- No issues detect "Proposed exploration activities will not impact activities expected to take approximately 3-5 we will be vegetation regrowth. Minimal surface disturbant tracks where possible, should soil compaction repsure all ground is returned to existing state.	three drillholes are ensitivity of the soil, ted where possible. fied after use by the program. With the landholder progration on the east of the soil assist to reduce a drilling methods ground sumps and not ted.  either agricultural reeks to complete (soil program. Minor clease to ensure to lace to ensure minim	proposed and this drilling is likely to take access will be restricted to only vital. Should compaction occur of the landholder. Close consultation with the prior to site access and mitigation stern and western sides of this proposed my wind erosion. Salinity of groundwater oundwater will remain in the ground and of affect the surrounding surface.  The sources or local enterprises with hould all 3 holes be drilled)."  The earing of grass may be required to make leave root stock to enable existing all impact to the soil. Utilising existing
	ensure all ground is returned to existing state.  LANDUSE  The land is currently utilised for agricultural gra after the proposed drilling works.  Earthworks and vegetation clearance is not req open.  Drill pad areas, affecting approximately 10 x 20 should this be necessary care will be taken to e regrowth.  DISTURBANCE  600sqm for application	uired for this drilling	g program. Sites are relatively flat and or clearing of grass from the surface,
	- Coodyn Cor Spp. Coodyn		
Duration	3-5		
Application ranking	Negligible		
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Low
Can the impacts be reversed?	Uncertain	Ranking of potential significance	Low
Can the impacts be mitigated?	Partly	Justification for r	anking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Soil & Stability Impacts: Loss of soil from wind o	or water erosion.	
Potential impacts	There are no acid sulfate soils within this area. The proposed drilling area is covered with soil t moderate to severe limitations. A maximum of approximately 7-10 days per hole. Due to the sepersonnel and vehicle movement will be restrict temporary access routes, this will likely be scari landholder will be maintained throughout this provided will be maintained throughout this proposed in consultation will be assessed in consultation will measures considered. The watercourses with will drilling area host increased vegetation which will be considered, however with the proposed any drilling waters will be contained in above great the service of	three drillholes are ensitivity of the soil, ted where possible fied after use by the program. With the landholder pegetation on the east drilling methods greated and drilling methods greated assist to reduce a drilling methods greated and the soil to be the so	proposed and this drilling is likely to take access will be restricted to only vital. Should compaction occur of the landholder. Close consultation with the prior to site access and mitigation stern and western sides of this proposed my wind erosion. Salinity of groundwater oundwater will remain in the ground and

Proposed management controls	There will be no vegetation clearing for this drill program. Minor clearing of grass may be required to make sites safe, should this be necessary care will be taken to ensure to leave root stock to enable existing vegetation regrowth. Minimal surface disturbance to ensure minimal impact to the soil. Utilising existing tracks where possible, should soil compaction require scarification then the landholder will manage and ensure all ground is returned to existing state.  LANDUSE  The land is currently utilised for agricultural grazing purposes. The land use will not be changed during or after the proposed drilling works.  Earthworks and vegetation clearance is not required for this drilling program. Sites are relatively flat and open.  Drill pad areas, affecting approximately 10 x 20m may require minor clearing of grass from the surface, should this be necessary care will be taken to ensure to leave root stock to enable existing vegetation regrowth.  DISTURBANCE  600sqm for application		
Duration	3-5		
Application ranking	Negligible		
What is the confidence in predicting	High	Are further	No
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Low
cope with impacts?		level of public	
Con the immeda he revenued?	Voc	concern?	Low
Can the impacts be reversed?	Yes	Ranking of potential	Low
		significance	
Can the impacts be mitigated?	Partly	Justification for r	anking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Soil & Stability Impacts: Loss of structural integr	ity of the soil.	
Potential impacts	There are no acid sulfate soils within this area.		
	moderate to severe limitations. A maximum of three drillholes are proposed and this drilling is likely to tak approximately 7-10 days per hole. Due to the sensitivity of the soil, access will be restricted to only vital personnel and vehicle movement will be restricted where possible. Should compaction occur of the temporary access routes, this will likely be scarified after use by the landholder. Close consultation with the landholder will be maintained throughout this program.  Wind erosion will be assessed in consultation with the landholder prior to site access and mitigation measures considered. The watercourses with vegetation on the eastern and western sides of this propose drilling area host increased vegetation which will assist to reduce any wind erosion. Salinity of groundwate will be considered, however with the proposed drilling methods groundwater will remain in the ground an any drilling waters will be contained in above ground sumps and not affect the surrounding surface.		
Proposed management controls	There will be no vegetation clearing for this drill program. Minor clearing of grass may be required to make sites safe, should this be necessary care will be taken to ensure to leave root stock to enable existing vegetation regrowth. Minimal surface disturbance to ensure minimal impact to the soil. Utilising existing tracks where possible, should soil compaction require scarification then the landholder will manage and ensure all ground is returned to existing state.  LANDUSE  The land is currently utilised for agricultural grazing purposes. The land use will not be changed during or after the proposed drilling works.  Earthworks and vegetation clearance is not required for this drilling program. Sites are relatively flat and open.  Drill pad areas, affecting approximately 10 x 20m may require minor clearing of grass from the surface, should this be necessary care will be taken to ensure to leave root stock to enable existing vegetation regrowth.  DISTURBANCE  600sqm for application		
Duration	3-5		
Application ranking	Negligible		
What is the confidence in predicting	High	Are further	No
impacts?		studies	
		required on	
	I .	impacts or	1
		mitigation?	

How resilient is the environment to	Medium Resilience	What is the	Low
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
•		potential	
		significance	
Can the impacts be mitigated?	Partly	Justification for ra	anking
Do the operations comply with	Yes	Justilication for th	anking
standards, plans, policies?	163		
Criteria	Soil & Stability Impacts: Increased land instabilit	 	am land clides or subsidence
		y with high risks hit	illi lalla silaes of subsiderice.
Potential impacts	There are no acid sulfate soils within this area.		
	The proposed drilling area is covered with soil to	• •	
	moderate to severe limitations. A maximum of		
	approximately 7-10 days per hole. Due to the se		•
	personnel and vehicle movement will be restrict	•	•
	temporary access routes, this will likely be scari		landholder. Close consultation with the
	landholder will be maintained throughout this p	-	
	Wind erosion will be assessed in consultation w	ith the landholder p	prior to site access and mitigation
	measures considered. The watercourses with ve	egetation on the eas	stern and western sides of this proposed
	drilling area host increased vegetation which wi	Il assist to reduce a	ny wind erosion. Salinity of groundwater
	will be considered, however with the proposed	drilling methods gro	oundwater will remain in the ground and
	any drilling waters will be contained in above gr	ound sumps and no	affect the surrounding surface.
Proposed management controls	There will be no vegetation clearing for this drill	program. Minor cle	earing of grass may be required to make
	sites safe, should this be necessary care will be	taken to ensure to I	eave root stock to enable existing
	vegetation regrowth. Minimal surface disturban		_
	tracks where possible, should soil compaction re		· · · · · · · · · · · · · · · · · · ·
	ensure all ground is returned to existing state.	equil e sourmoution	anen ane iananoiae. Inii manage ana
	ensure an ground is retarned to existing state.		
	Topography is typically flat.		
Duration	3-5		
Application ranking	Positive		
What is the confidence in predicting		Aug fruithau	No
	High	Are further	No
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Low
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	Uncertain	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Partly	Justification for ra	anking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Noise & Vibration Impacts: Results in increased	noise or vibration.	
Potential impacts	River Ridge Homestead is located within the dri	lling annroved area	Actual proposed collar locations have not
Totaliai iiipacts	been finalised, however will be more than 400n	•	· ·
	hours only and the mud rotary and diamond dri		
	compared to other drilling methods. Any releva	-	
Drawaged management controls			
Proposed management controls	Drilling will not occur within 400m of sensitive r		orks will be undertaken in daylight hours
		eccptors. Drilling W	
	only.	eceptors. Drilling w	
	only. TIMING/NOISE		
	only. TIMING/NOISE 12hr shifts 6am-6pm, 7 days a week. Drilling is 6	expected to take ap	proximately 3-5 weeks to complete, or 1-2
	only. TIMING/NOISE 12hr shifts 6am-6pm, 7 days a week. Drilling is 6 weeks per drillhole. Not all collars may be drille	expected to take ap	proximately 3-5 weeks to complete, or 1-2
	only. TIMING/NOISE 12hr shifts 6am-6pm, 7 days a week. Drilling is e weeks per drillhole. Not all collars may be drilled 29 April-8 Nov 2025	expected to take ap	
	only. TIMING/NOISE 12hr shifts 6am-6pm, 7 days a week. Drilling is e weeks per drillhole. Not all collars may be drilled 29 April-8 Nov 2025 There is one homestead, River Ridge Homestead	expected to take ap d. d, located within th	e proposed drilling area. The relevant
	only. TIMING/NOISE 12hr shifts 6am-6pm, 7 days a week. Drilling is e weeks per drillhole. Not all collars may be drilled 29 April-8 Nov 2025 There is one homestead, River Ridge Homestead landholders in this area are fully informed with	expected to take ap d. d, located within th the proposed drillin	e proposed drilling area. The relevant g and appropriate access agreements will
	only. TIMING/NOISE 12hr shifts 6am-6pm, 7 days a week. Drilling is e weeks per drillhole. Not all collars may be drilled 29 April-8 Nov 2025 There is one homestead, River Ridge Homestead	expected to take ap d. d, located within th the proposed drillin	e proposed drilling area. The relevant g and appropriate access agreements will
	only. TIMING/NOISE 12hr shifts 6am-6pm, 7 days a week. Drilling is e weeks per drillhole. Not all collars may be drilled 29 April-8 Nov 2025 There is one homestead, River Ridge Homestead landholders in this area are fully informed with	expected to take ap d. d, located within th the proposed drillin ther sensitive recep	e proposed drilling area. The relevant g and appropriate access agreements will
	only. TIMING/NOISE 12hr shifts 6am-6pm, 7 days a week. Drilling is e weeks per drillhole. Not all collars may be drilled 29 April-8 Nov 2025 There is one homestead, River Ridge Homestead landholders in this area are fully informed with be in place prior to any works. There are no furt	expected to take ap d. d, located within th the proposed drillin ther sensitive recep	e proposed drilling area. The relevant g and appropriate access agreements will
Duration	only. TIMING/NOISE 12hr shifts 6am-6pm, 7 days a week. Drilling is e weeks per drillhole. Not all collars may be drilled 29 April-8 Nov 2025 There is one homestead, River Ridge Homestead landholders in this area are fully informed with be in place prior to any works. There are no furt	expected to take ap d. d, located within th the proposed drillin ther sensitive recep	e proposed drilling area. The relevant g and appropriate access agreements will
Duration Application ranking	only. TIMING/NOISE 12hr shifts 6am-6pm, 7 days a week. Drilling is e weeks per drillhole. Not all collars may be drilled 29 April-8 Nov 2025 There is one homestead, River Ridge Homestead landholders in this area are fully informed with be in place prior to any works. There are no furt located approximately 2km south of the propos	expected to take ap d. d, located within th the proposed drillin ther sensitive recep	e proposed drilling area. The relevant g and appropriate access agreements will
	only. TIMING/NOISE 12hr shifts 6am-6pm, 7 days a week. Drilling is e weeks per drillhole. Not all collars may be drilled 29 April-8 Nov 2025 There is one homestead, River Ridge Homestead landholders in this area are fully informed with be in place prior to any works. There are no furt located approximately 2km south of the propos	expected to take ap d. d, located within th the proposed drillin ther sensitive recep	e proposed drilling area. The relevant g and appropriate access agreements will
Application ranking	only. TIMING/NOISE 12hr shifts 6am-6pm, 7 days a week. Drilling is e weeks per drillhole. Not all collars may be drilled 29 April-8 Nov 2025 There is one homestead, River Ridge Homestead landholders in this area are fully informed with be in place prior to any works. There are no furt located approximately 2km south of the propos  3-5 Negligible	expected to take ap d. d, located within th the proposed drillin ther sensitive recep ed drilling area.	e proposed drilling area. The relevant g and appropriate access agreements will tors nearby. The town of Nyngan is
Application ranking What is the confidence in predicting	only. TIMING/NOISE 12hr shifts 6am-6pm, 7 days a week. Drilling is e weeks per drillhole. Not all collars may be drilled 29 April-8 Nov 2025 There is one homestead, River Ridge Homestead landholders in this area are fully informed with be in place prior to any works. There are no furt located approximately 2km south of the propos  3-5 Negligible	expected to take ap d. d, located within th the proposed drillin ther sensitive recep ed drilling area. Are further studies	e proposed drilling area. The relevant g and appropriate access agreements will tors nearby. The town of Nyngan is
Application ranking What is the confidence in predicting	only. TIMING/NOISE 12hr shifts 6am-6pm, 7 days a week. Drilling is e weeks per drillhole. Not all collars may be drilled 29 April-8 Nov 2025 There is one homestead, River Ridge Homestead landholders in this area are fully informed with be in place prior to any works. There are no furt located approximately 2km south of the propos  3-5 Negligible	expected to take ap d. d, located within th the proposed drillin ther sensitive recep ed drilling area. Are further studies required on	e proposed drilling area. The relevant g and appropriate access agreements will tors nearby. The town of Nyngan is
Application ranking What is the confidence in predicting	only. TIMING/NOISE 12hr shifts 6am-6pm, 7 days a week. Drilling is e weeks per drillhole. Not all collars may be drilled 29 April-8 Nov 2025 There is one homestead, River Ridge Homestead landholders in this area are fully informed with be in place prior to any works. There are no furt located approximately 2km south of the propos  3-5 Negligible	expected to take ap d. d, located within th the proposed drillin ther sensitive recep ed drilling area. Are further studies	e proposed drilling area. The relevant g and appropriate access agreements will tors nearby. The town of Nyngan is

How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Medium
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Partly	Justification for r	anking
Do the operations comply with standards, plans, policies?	Yes		
Criteria	Noise & Vibration Impacts: Affects sensitive rec	entors	
Potential impacts	River Ridge Homestead is located within the dri	-	Actual proposed collar locations have not
Potential impacts	been finalised, however will be more than 400r hours only and the mud rotary and diamond dr compared to other drilling methods. Any releva	n from the homeste illing method select	ead. Drilling will be undertaken in daylight ed has relatively low noise outputs
Proposed management controls	Drilling will not occur within 400m of sensitive ronly.  TIMING/NOISE  12hr shifts 6am-6pm, 7 days a week. Drilling is a weeks per drillhole. Not all collars may be drille 29 April-8 Nov 2025  There is one homestead, River Ridge Homestea landholders in this area are fully informed with be in place prior to any works. There are no fur located approximately 2km south of the propos	expected to take ap d. d, located within th the proposed drillir ther sensitive recep	proximately 3-5 weeks to complete, or 1-2 e proposed drilling area. The relevant ng and appropriate access agreements will
Duration	3-5		
Application ranking	Negligible		
What is the confidence in predicting	High	Are further	No
impacts?		studies	110
impacts.		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Medium
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Partly	Justification for r	anking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Coastal Location & Processes: Affects coastal pr	ocesses and coasta	hazards, including those under projected
	climate change conditions.		
Potential impacts	n/a		
	n/a		
Duration Proposed management controls	3-5		
Application ranking			
	Positive		1 21/2
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for r	anking
Do the operations comply with	N/A		-
standards, plans, policies?	Handada a sahatan a a saha saha la saha la	 	
Criteria	Hazardous substances or chemicals: Impacts as: hazardous substances or chemicals.	sociated with the us	se, generation, storage or transport of
Potential impacts	Diesel fuel is the only anticipated hydrocarbon	to he used on sita. I	t will be transported to site in a dedicated
. Stendar impacts	diesel tank mounted on an auxiliary drill vehicle		•
	cleaned up and waste material removed from s	•	
		ite and disposed Of	at the hearest appropriately literised
	waste facility.		

Proposed management controls	Maintain regular checks of all fuel and lubricant the site at all times.  WASTE  Drill core will be removed from site to a Compa be removed from site. The collar will be capped removed from site at end of drilling program.	ny storage facility. (	Once drilling is complete, all materials will
Duration	3-5		
Application ranking	Negligible		T
What is the confidence in predicting	High	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	LowResilience	What is the	Low
cope with impacts?	2011110011100	level of public	
cope with impacts:			
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Partly	Justification for r	anking
Do the operations comply with	Yes	,	· •
	162		
standards, plans, policies?			
Criteria	Wastes & Emissions: Impacts to the environment	nt resulting from th	e generation or disposal of wastes.
Potential impacts	There should be minimal impact to the environ	ment from the prop	osed short drilling program. Fuels
<b>.</b>	maintained in appropriately bunded storage tar		01 0
	waste removed from site and disposed of at app		•
Proposed management controls	Clean up any minor spills immediately and dispo	ose of any contamir	nated materials to an appropriately
	managed licenced facility.		
	WASTE		
	Drill core will be removed from site to a Compa	ny storage facility. (	Once drilling is complete, all materials will
	be removed from site. The collar will be capped		= :
	1	i allu alea illaue sai	e with all rubbish and drilling equipment
	removed from site at end of drilling program.		
Duration	3-5		
Application ranking	Negligible		
What is the confidence in predicting	High	Are further	No
impacts?	1.18.1	studies	110
impacts:			
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	LowResilience	What is the	Low
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	Uncertain	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Partly	Justification for r	anking
Do the operations comply with	Yes		
	165		
standards, plans, policies?	Market O Freier		and a set and a set of the set of
Criteria	Wastes & Emissions: Impacts on drinking water	catchments, wetlar	nds, natural water bodies, riparian zones
	or flood prone areas.		
Potential impacts	There will be no impact on any of the above du	ring this proposed s	hort drilling program.
•	·		5. 5
	Above ground sump used for water maangeme	nt	
	, 100 ve ground sump used for water madilgeme		
Proposed management controls	Clean up any minor spills immediately and dispo	ose of any contamir	nated materials to an appropriately
	managed licenced facility.		
	Above ground sump used for water management	nt.	
	5 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	Curface water chauld not be effected builting	nocod activities. Th	no population watercourses the Device Court
	Surface water should not be affected by the pro		
	and the Bogan River are located on the eastern		
	locations will be drilled more than 100m away f	•	
	Drillholes will not be advanced within 40m of ar	ny existing drainage	s. Specific access to sites will be
	undertaken in close consultation with the landh		
			<u> </u>
Duration	2 5		
Duration	3-5		

Application ranking	Negligible		
What is the confidence in predicting	High	Are further	No
impacts?		studies	
•		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Low
	iviedium Resilience		LOW
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	Uncertain	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Partly	Justification for ra	anking
Do the operations comply with	Yes		В
	163		
standards, plans, policies?	Market O. Freitrick and Language and Language		and the first of t
Criteria	Wastes & Emissions: Impacts on groundwater r		
Potential impacts	There will be no impact on any of the above du	ring this proposed s	hort drilling program.
	Groundwater from the nearby bore is recorded	as siting around 15	m below existing ground level across this
	area. Suitable drilling methods will be utilised to		
		delisure that water	is contained in the same strata and not
	cross to different water bearing strata.		
Proposed management controls	Clean up any minor spills immediately and dispo	ose or any contamin	ated materials to an appropriately
	managed licenced facility.		
	Above ground sump used.		
Duration	3-5		
Application ranking	Negligible		
What is the confidence in predicting		Are further	No
	High		INO INO
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Low
cope with impacts?		level of public	
cope with impacts.		concern?	
Con the immediate he was all	Hasartaia		Law
Can the impacts be reversed?	Uncertain	Ranking of	Low
		potential	
		significance	
Can the impacts be mitigated?	Partly	Justification for ra	anking
Do the operations comply with	Yes		
standards, plans, policies?			
Criteria	Wastes and Emissions: Impacts on coastlines or	dunes, alnine areas	karst features or other unique
on terra	landforms.	duries, dipirie di cus	, raise realares of other amque
Detected invests			
Potential impacts	N/A		
Proposed management controls	N/A		
Duration	N/A		
Application ranking	N/A		
What is the confidence in predicting	N/A	Are further	N/A
impacts?	<b>'</b>	studies	, ·
impacts:			
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	N/A
can the impacts be reversed:		potential	
		significance	L
Can the impacts be mitigated?	N/A	Justification for ra	anking
Do the operations comply with	N/A		
standards, plans, policies?			
Criteria	Wastes & Emissions: Impacts on erosion prone	areas, areas with slo	opes of greater than 18 degrees.
	·	,	
Potential impacts	N/A		
	Topography is typically flat.		
Proposed management controls	N/A		
Duration	N/A		
Application ranking	N/A		
F.F. 222220	1 '		

What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	,,,
		concern?	
Can the impacts be reversed?	N/A	Ranking of	N/A
		potential	
Con the imports he mitigated?	N/A	significance	
Can the impacts be mitigated?  Do the operations comply with	N/A	Justification for ra	anking
standards, plans, policies?			
Criteria	Wastes & Emissions: Impacts on subsidence or slip areas.		
Potential impacts	There will be no impact on any of the above during this proposed short drilling program.		
Proposed management controls	Topography is typically flat.  Clean up any minor spills immediately and dispo	ose of any contamin	ated materials to an annronriately
Proposed management controls	managed licenced facility.	ose of any containin	lated materials to an appropriately
	REHABILITATION		
	The drillhole will be backfilled and rehabilitated	in accordance with	the requirements of the Exploration Code
	of Practice – Rehabilitation. The top of the hole		
	sumps will be emptied, and contents disposed of	of at a suitable facili	ty.
	DISTURBANCE 600sqm for application		
Duration	3-5		
Application ranking	Negligible		
What is the confidence in predicting	High	Are further	No
impacts?		studies	
		required on impacts or	
		mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Low
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
		potential	
Can the impacts be mitigated?	Partly	significance Justification for ra	nking
Do the operations comply with	Yes	Justilication for to	anking
standards, plans, policies?			
Criteria	Wastes & Emissions: Impacts on areas with acid	sulphate, sodic or l	highly permeable soils.
Potential impacts	There are no acid sulfate soils within this area.		
	LSC 4. Should compaction occur of the tempora	•	·
	landholder. Close consultation with the landhol		
	landholder prior to site access and mitigation m	easures considered	
Proposed management controls	REHABILITATION		
	The drillhole will be backfilled and rehabilitated	in accordance with	the requirements of the Exploration Code
	of Practice – Rehabilitation. The top of the hole		
	sumps will be emptied, and contents disposed of	of at a suitable facili	ty.
Duration			
Duration Application ranking			
	3-5		
		Are further	No
What is the confidence in predicting impacts?	High	Are further studies	No
What is the confidence in predicting			No
What is the confidence in predicting		studies required on impacts or	No
What is the confidence in predicting impacts?	High	studies required on impacts or mitigation?	
What is the confidence in predicting impacts?  How resilient is the environment to		studies required on impacts or mitigation? What is the	No
What is the confidence in predicting impacts?	High	studies required on impacts or mitigation? What is the level of public	
What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?	High	studies required on impacts or mitigation? What is the level of public concern?	
What is the confidence in predicting impacts?  How resilient is the environment to	High  Medium Resilience	studies required on impacts or mitigation? What is the level of public	Low
What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?	High  Medium Resilience  Uncertain	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	Low
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?	High  Medium Resilience  Uncertain  Partly	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	Low
What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?	High  Medium Resilience  Uncertain	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	Low

Criteria	Wastes & Emissions: Impacts on areas with salinity or potential salinity problems.				
Potential impacts	There will be no impact on any of the above du		* *		
	Groundwater sources should not be adversely a		0. 0		
	Groundwater from the nearby bore is recorded	as siting around 15	m below existing ground level across this		
	area. Suitable drilling methods will be utilised to ensure that water is contained in the same strata and not				
	cross to different water bearing strata.				
Dranged management controls	Clean up any minor spills immediately and dispe	aco of any contamin	nated materials to an appropriately		
Proposed management controls	Clean up any minor spills immediately and dispose of any contaminated materials to an appropriately managed licenced facility.				
Duration	3-5				
Application ranking	Negligible				
What is the confidence in predicting	High	Are further	N/A		
impacts?		studies			
		required on			
		impacts or			
		mitigation?			
How resilient is the environment to	Medium Resilience	What is the Low			
cope with impacts?		level of public			
Can the impacts be reversed?	Uncertain	concern? Ranking of	Low		
can the impacts be reversed?	Officertain	potential	LOW		
		significance			
Can the impacts be mitigated?	Partly	Justification for r	anking		
Do the operations comply with	Yes				
standards, plans, policies?					
Criteria	Wastes & Emissions: Impacts on areas with deg	raded or contamina	ited land.		
Potential impacts	There will be no impact on any of the above du	ring this proposed s	hort drilling program.		
	There are no acid sulfate soils within this area.				
	LSC 4. Should compaction occur of the tempora	•	is will likely be scarified after use by the		
	landholder. Close consultation with the landhol	der.			
Proposed management controls	Clean up any minor spills immediately and disno	ose of any contamin	nated materials to an appropriately		
Troposed management controls	Clean up any minor spills immediately and dispose of any contaminated materials to an appropriately managed licenced facility.				
	3-5				
Duration	3-5				
Duration Application ranking	3-5 Negligible				
		Are further	N/A		
Application ranking	Negligible	studies	N/A		
Application ranking What is the confidence in predicting	Negligible	studies required on	N/A		
Application ranking What is the confidence in predicting	Negligible	studies required on impacts or	N/A		
Application ranking  What is the confidence in predicting impacts?	Negligible High	studies required on impacts or mitigation?			
Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to	Negligible	studies required on impacts or mitigation? What is the	N/A Low		
Application ranking  What is the confidence in predicting impacts?	Negligible High	studies required on impacts or mitigation?			
Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to	Negligible High	studies required on impacts or mitigation? What is the level of public			
Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?	Negligible High  Medium Resilience	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?	Negligible High  Medium Resilience  Yes	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	Low		
Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?	Negligible High  Medium Resilience  Yes  Partly	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?  Can the operations comply with	Negligible High  Medium Resilience  Yes	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	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?	Negligible High  Medium Resilience  Yes  Partly N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r	Low		
Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be mitigated?  Do the operations comply with standards, plans, policies?  Criteria	Negligible High  Medium Resilience  Yes  Partly N/A  Wastes & Emissions: Impacts on areas with deg	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r	Low  Low  anking  sted water (ground or surface).		
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?	Negligible High  Medium Resilience  Yes  Partly N/A	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r	Low  Low  anking  sted water (ground or surface).		
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	Negligible High  Medium Resilience  Yes  Partly N/A  Wastes & Emissions: Impacts on areas with deg	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r	Low  Low  anking  sted water (ground or surface).		
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	Negligible High  Medium Resilience  Yes  Partly N/A  Wastes & Emissions: Impacts on areas with deg	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r	Low  Low  anking  sted water (ground or surface).		
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	Negligible High  Medium Resilience  Yes  Partly N/A  Wastes & Emissions: Impacts on areas with deg There will be no impact on any of the above dur	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r	Low  Low  anking  sted water (ground or surface). hort drilling program.		
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	Negligible High  Medium Resilience  Yes  Partly N/A  Wastes & Emissions: Impacts on areas with deg There will be no impact on any of the above dur  Above ground sump used for water management	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r	Low  Low  anking  Ited water (ground or surface).  hort drilling program.		
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	Negligible High  Medium Resilience  Yes  Partly N/A  Wastes & Emissions: Impacts on areas with deg There will be no impact on any of the above dur  Above ground sump used for water managements of the Bogan River are located on the eastern locations will be drilled more than 100m away from the statement of the s	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r	Low  Low  anking  ated water (ground or surface).  hort drilling program.  be nearest watercourses, the Box Cowal peries of this approval area. Actual collar see.		
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	Negligible High  Medium Resilience  Yes  Partly N/A  Wastes & Emissions: Impacts on areas with deg There will be no impact on any of the above dur  Above ground sump used for water managemers Surface water should not be affected by the product of the Bogan River are located on the eastern locations will be drilled more than 100m away for Drillholes will not be advanced within 40m of an	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r	Low  Low  anking  ated water (ground or surface).  hort drilling program.  the nearest watercourses, the Box Cowal there is of this approval area. Actual collar is es.  s. Specific access to sites will be		
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	Negligible High  Medium Resilience  Yes  Partly N/A  Wastes & Emissions: Impacts on areas with deg There will be no impact on any of the above dur  Above ground sump used for water managements of the Bogan River are located on the eastern locations will be drilled more than 100m away from the statement of the s	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r	Low  Low  anking  ated water (ground or surface).  hort drilling program.  the nearest watercourses, the Box Cowal there is of this approval area. Actual collar is es.  s. Specific access to sites will be		
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	Negligible High  Medium Resilience  Yes  Partly N/A  Wastes & Emissions: Impacts on areas with deg There will be no impact on any of the above dur  Above ground sump used for water managemers Surface water should not be affected by the product of the Bogan River are located on the eastern locations will be drilled more than 100m away for Drillholes will not be advanced within 40m of an	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r	Low  Low  anking  ated water (ground or surface).  hort drilling program.  the nearest watercourses, the Box Cowal there is of this approval area. Actual collar is ese.  s. Specific access to sites will be		
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	Negligible High  Medium Resilience  Yes  Partly N/A  Wastes & Emissions: Impacts on areas with deg There will be no impact on any of the above dur  Above ground sump used for water managemer Surface water should not be affected by the procand the Bogan River are located on the eastern locations will be drilled more than 100m away f Drillholes will not be advanced within 40m of ar undertaken in close consultation with the landh	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r  raded or contaminaring this proposed s  int. poosed activities. The and western peripherom any watercour ny existing drainage tolder who knows the	Low  Low  anking  ated water (ground or surface).  hort drilling program.  the nearest watercourses, the Box Cowal theries of this approval area. Actual collar see.  s. Specific access to sites will be the ground conditions the best.		
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	Negligible High  Medium Resilience  Yes  Partly N/A  Wastes & Emissions: Impacts on areas with deg There will be no impact on any of the above dur  Above ground sump used for water managemer Surface water should not be affected by the procand the Bogan River are located on the eastern locations will be drilled more than 100m away f Drillholes will not be advanced within 40m of ar undertaken in close consultation with the landh  Groundwater sources should not be adversely a	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r  raded or contamina ring this proposed s  int. poosed activities. The and western peripherom any watercour ny existing drainage solder who knows the affected by the proper	Low  Low  anking  ated water (ground or surface).  hort drilling program.  the nearest watercourses, the Box Cowal theries of this approval area. Actual collar see.  s. Specific access to sites will be the ground conditions the best.		
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	Negligible High  Medium Resilience  Yes  Partly N/A  Wastes & Emissions: Impacts on areas with deg There will be no impact on any of the above dur  Above ground sump used for water managemer Surface water should not be affected by the procand the Bogan River are located on the eastern locations will be drilled more than 100m away f Drillholes will not be advanced within 40m of ar undertaken in close consultation with the landh	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r  raded or contaminaring this proposed s  nt. posed activities. The and western peripherom any watercour ny existing drainage solder who knows the offected by the propas siting around 15	Low  Low  anking  Ited water (ground or surface).  hort drilling program.  Ite nearest watercourses, the Box Cowal heries of this approval area. Actual collar see.  S. Specific access to sites will be the ground conditions the best.  Items of the program of the		
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	Negligible High  Medium Resilience  Yes  Partly N/A  Wastes & Emissions: Impacts on areas with deg There will be no impact on any of the above dur  Above ground sump used for water managemer Surface water should not be affected by the product of the Bogan River are located on the eastern locations will be drilled more than 100m away for Drillholes will not be advanced within 40m of ar undertaken in close consultation with the landhal Groundwater sources should not be adversely a Groundwater from the nearby bore is recorded	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r  raded or contaminaring this proposed s  nt. posed activities. The and western peripherom any watercour ny existing drainage solder who knows the offected by the propas siting around 15	Low  Low  anking  Ited water (ground or surface).  hort drilling program.  Ite nearest watercourses, the Box Cowal heries of this approval area. Actual collar see.  S. Specific access to sites will be the ground conditions the best.  Items of the program of the		
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	Negligible High  Medium Resilience  Yes  Partly N/A  Wastes & Emissions: Impacts on areas with deg There will be no impact on any of the above dur  Above ground sump used for water managemer Surface water should not be affected by the proportion of the Bogan River are located on the eastern locations will be drilled more than 100m away for brillholes will not be advanced within 40m of ar undertaken in close consultation with the landhold Groundwater sources should not be adversely a Groundwater from the nearby bore is recorded area. Suitable drilling methods will be utilised to	studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for r  raded or contaminaring this proposed s  nt. posed activities. The and western peripherom any watercour ny existing drainage solder who knows the offected by the propas siting around 15	Low  Low  anking  Ited water (ground or surface).  hort drilling program.  Ite nearest watercourses, the Box Cowal heries of this approval area. Actual collar see.  S. Specific access to sites will be the ground conditions the best.  Items of the program of the		

Proposed management controls	Clean up any minor spills immediately and dispo	ose of any contamir	nated materials to an appropriately
	managed licenced facility.	,	,
Duration	3-5		
Application ranking	Negligible		
What is the confidence in predicting	High	Are further	N/A
impacts?		studies	
-		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Low
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	Uncertain	Ranking of	Low
,		potential	
		significance	
Can the impacts be mitigated?	Partly	Justification for r	anking
Do the operations comply with	Yes		
standards, plans, policies?	. 65		
Criteria	Vegetation: Any clearing or modification of veg	ı etation (including in	nnacts on wildlife corridors, remnant
- Criteria	vegetation & habitat for species of conservation		inpacts on whalife corridors, reminant
Potential impacts	The area is predominantly open grazing land wi		n Any areas of vegetation will be avoided
i otentiai impacto	and do not need to be disturbed for this drilling		m. 7 my dreas or vegetation will be avoided
	Above ground sumps and so no excavations are	, , ,	
	LANDUSE	. required.	
	The land is currently utilised for agricultural gra	zing nurnoses. The	land use will not be changed during or
	after the proposed drilling works.	zing parposes. The	iana ase wiii not se changea aaning or
	Earthworks and vegetation clearance is not req	uired for this drilling	nrogram Sites are relatively flat and
	open.	an earor tins arming	5 program. Sites are relatively flat and
	Drill pad areas, affecting approximately 10 x 20m may require minor clearing of grass from the surface, should this be necessary care will be taken to ensure to leave root stock to enable existing vegetation regrowth.  DISTURBANCE		
	600sqm for application		
	ooosqiii tot appiication		
Proposed management controls	Any areas of vegetation will be avoided.		
Duration	3-5		
Application ranking	Positive		
What is the confidence in predicting	High	Are further	N/A
impacts?		studies	
•		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Low
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of	Low
can the impacts be reversed.		potential	2011
		significance	
Can the impacts be mitigated?	Partly	Justification for r	l anking
Do the operations comply with	Yes	Justinication for f	w
standards, plans, policies?	163		
Criteria	Threatened Fauna Species: Any adverse effect of	I on the life cycle of a	ny threatened species such that a viable
Citteria	local population of the species is likely to be pla		
	Tiocal population of the species is likely to be pla	iced at risk of extino	LUOII.

Potential impacts			171 . 15 1 . 10 1		
. Occide impacts	On the MNES search there are 27 listed Threatened species, 4 listed Threatened Ecological Communities an 7 Listed Migratory Species.  Of the 27 threatened species the Curlew Sandpiper, Swift Parrot, Plains Wanderer and the Silver Perch are considered to be critically endangered (the link in the MNES states the Curlew Sandpiper, Swift Parrot and Plains Wanderer to be endangered and not critical specifically for NSW, and the Silver Perch is recorded as Vulnerable).  There are no critically endangered listings in the threatened ecological communities category, all four are classified as endangered; Coolibah, Grey Box, Poplar Box Grassy Woodland and Weeping Myall Woodlands. The 7 listed migratory species has the Curlew Sandpiper listed as critically endangered – however the link to this species differs stating for NSW this is endangered.  The temporary proposed drilling activities will be undertaken with due care within cropping and/or grazing paddocks, will not be undertaken in periods of wet ground conditions, do not need to affect any vegetation and as such adverse affects to the flora and fauna are not anticipated.  The BioNet Search has listed threatened species in the areas around the proposed drilling location and thes should not be adversely impacted with the proposed works. Major Mitchells Cockatoo is listed as vulnerable and protected and was sighted in 2001 with no accurate location details.  Note that Black Box woodland wetland on NSW central and northern floodplains including the Darling Riverine Plains Bioregion and Brigalow Belt South Bioregion is listed endangered in MNES and mapped within exploration area proposed.				
Proposed management controls	Drilling during dry conditions only, the sites will with the landholders will continue regularly pric favourable. Works are proposed within the pad	or to proposed drilli	ng to ensure that access conditions are		
Duration	affects to threatened species in this area.  3-5				
Application ranking	Negligible				
What is the confidence in predicting	High	Are further	No		
impacts?		studies required on impacts or			
		mitigation?			
How resilient is the environment to cope with impacts?	LowResilience	What is the level of public concern?	Medium		
Can the impacts be reversed?	No	Ranking of potential significance	Medium		
		Justification for ranking			
Can the impacts be mitigated?	Partly	Justification for ra	anking		
Do the operations comply with	Partly Yes	Justification for ra Impacts on Threa			
·	Yes  Threatened Flora Species: Any adverse effect or local population of the species is likely to be pla	Impacts on Threat the life cycle of an ced at risk of extinc	tened species.  y threatened species such that a viable tion.		
Do the operations comply with standards, plans, policies?	Yes  Threatened Flora Species: Any adverse effect or	Impacts on Threat Impacts on Threat In the life cycle of an ced at risk of extince Imper, Swift Parrot, Pl in the MNES states cal specifically for N In the threatened ecolog cycle and piper listed as cr ingered. In the undertaken with of the undertaken with of the are not anticipate is in the areas around cosed works. Major accurate location di central and norther	trened species.  y threatened species such that a viable tion.  d Threatened Ecological Communities and ains Wanderer and the Silver Perch are the Curlew Sandpiper, Swift Parrot and ISW, and the Silver Perch is recorded as ical communities category, all four are codland and Weeping Myall Woodlands. itically endangered – however the link to due care within cropping and/or grazing ins, do not need to affect any vegetation ed.  d the proposed drilling location and these Mitchells Cockatoo is listed as vulnerable etails.  In floodplains including the Darling		
Do the operations comply with standards, plans, policies? Criteria	Threatened Flora Species: Any adverse effect or local population of the species is likely to be pla On the MNES search there are 27 listed Threater 7 Listed Migratory Species.  Of the 27 threatened species the Curlew Sandpi considered to be critically endangered (the link Plains Wanderer to be endangered and not critivally endangered istings in the classified as endangered; Coolibah, Grey Box, Pother are no critically endangered listings in the classified as endangered; Coolibah, Grey Box, Pother 7 listed migratory species has the Curlew Sathis species differs stating for NSW this is endar The temporary proposed drilling activities will be paddocks, will not be undertaken in periods of and as such adverse affects to the flora and faur The BioNet Search has listed threatened species should not be adversely impacted with the propand protected and was sighted in 2001 with no Note that Black Box woodland wetland on NSW Riverine Plains Bioregion and Brigalow Belt Sout exploration area proposed.  Drilling during dry conditions only, the sites will with the landholders will continue regularly pricing favourable. Works are proposed within the pad	Impacts on Threat Impacts on Threat In the life cycle of an ced at risk of extinct Inned species, 4 listed Inned species, 9 listed Inned species, 9 listed Inned species, 10 listed	tened species.  y threatened species such that a viable tion.  d Threatened Ecological Communities and ains Wanderer and the Silver Perch are the Curlew Sandpiper, Swift Parrot and ISW, and the Silver Perch is recorded as ical communities category, all four are podland and Weeping Myall Woodlands. itically endangered — however the link to due care within cropping and/or grazing ans, do not need to affect any vegetation ed.  d the proposed drilling location and these Mitchells Cockatoo is listed as vulnerable etails.  In floodplains including the Darling I endangered in MNES and mapped within aring times of flood. Close consultation and to ensure that access conditions are		
Do the operations comply with standards, plans, policies?  Criteria  Potential impacts	Threatened Flora Species: Any adverse effect or local population of the species is likely to be pla On the MNES search there are 27 listed Threater 7 Listed Migratory Species.  Of the 27 threatened species the Curlew Sandpi considered to be critically endangered (the link Plains Wanderer to be endangered and not critivally endangered istings in the classified as endangered; Coolibah, Grey Box, Pother 7 listed migratory species has the Curlew Sathis species differs stating for NSW this is endar The temporary proposed drilling activities will be paddocks, will not be undertaken in periods of and as such adverse affects to the flora and faur The BioNet Search has listed threatened species should not be adversely impacted with the propand protected and was sighted in 2001 with no Note that Black Box woodland wetland on NSW Riverine Plains Bioregion and Brigalow Belt Sout exploration area proposed.  Drilling during dry conditions only, the sites will with the landholders will continue regularly price.	Impacts on Threat Impacts on Threat In the life cycle of an ced at risk of extinct Inned species, 4 listed Inned species, 9 listed Inned species, 9 listed Inned species, 10 listed	tened species.  y threatened species such that a viable tion.  d Threatened Ecological Communities and ains Wanderer and the Silver Perch are the Curlew Sandpiper, Swift Parrot and ISW, and the Silver Perch is recorded as ical communities category, all four are podland and Weeping Myall Woodlands. itically endangered — however the link to due care within cropping and/or grazing ans, do not need to affect any vegetation ed.  d the proposed drilling location and these Mitchells Cockatoo is listed as vulnerable etails.  In floodplains including the Darling I endangered in MNES and mapped within aring times of flood. Close consultation and to ensure that access conditions are		

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?	LowResilience	What is the level of public concern?	Medium		
Can the impacts be reversed?	No	Ranking of potential significance	Medium		
Can the impacts be mitigated?	Partly	Justification for r	anking		
Do the operations comply with standards, plans, policies?	Yes	Impacts on Threatened species.			
Criteria	Areas of outstanding biodiversity value/Critical habitat: This includes: a. declared areas of outstanding biodiversity value under the Biodiversity Conservation Act 2016 b. areas declared critical habitat under Fisheries Management Act 1994.				
Proposed management controls	There are no areas of critical habitat/area of outstanding biodiversity within the approval area.  Extreme care will be taken on this site to avoid uncontrolled fires. Weather conditions and bush fire alert levels will be monitored. Local emergency services contact details will be readily available for the duration the activity. All equipment will be maintained to high standards and processes will be in place to minimise				
Duration	risk. All vehicles are appropriately prepared and	requipped to minim	iise iii e risk.		
Duration	3-5				
Application ranking  What is the confidence in predicting impacts?	Negligible High	Are further studies required on impacts or mitigation?	No		
How resilient is the environment to cope with impacts?	LowResilience	What is the level of public concern?	Medium		
Can the impacts be reversed?	No	Ranking of potential significance	Medium		
Can the impacts be mitigated?	Partly	Justification for ra	anking		
Do the operations comply with	Yes	Impacts on Threa	tened species.		
standards, plans, policies?		,			
Criteria  Potential impacts	Endangered ecological community or critically e is likely to have an adverse effect on th occurrence is likely to be placed at risk of extinc modify the composition of the ecological comm risk of extinction.  There will be no impact to any of the four poter occur within the proposed drilling area on the N Riverine Plains and the Brigalow Belt South Bior Weeping Myall Woodlands.	e extent of the ecol tion, or ② i unity such that its l unity occurring end MNES search; Coolib	ogical community such that its local is likely to substantially and adversely ocal occurrence is likely to be placed at langered communities listed as likely to ah – Black Box Woodlands of the Darling		
Proposed management controls	All proposed drilling is within open paddocks. D	rillholes can be mov	ved to avoid any and all vegetation.		
Duration	3-5		-		
Application ranking	Negligible				
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No		
How resilient is the environment to	LowResilience	What is the	Medium		
cope with impacts?		level of public concern?			
Can the impacts be reversed?	No	Ranking of potential significance	Medium		
Can the impacts be mitigated?	Partly	Justification for ra	anking		
Do the operations comply with standards, plans, policies?	N/A	Impacts on Threa	tened species.		
Criteria	Habitat of a threatened species or ecological co	mmunity			
Potential impacts	There will be no impact to any threatened speciopen grazing paddocks.	es or ecological cor	nmunity as all drilling will be progressed in		

Proposed management controls	All proposed drilling is within open paddocks. D	rillholes can be mov	ved to avoid any and all vegetation.	
	There are several flora and fauna records that come up on the BioNet search as being of protected or vulnerable status – the majority of which are outside of the proposed drilling area around the named watercourses. Areas where the majority of these BioNet sightings occur, are the more vegetated areas around the waterways. Drillholes are planned in consultation with landholders, mapped information and vegetation is avoided, once on the ground drill collars will be moved should vegetation be nearby. Collars may be moved slightly within the approval polygon, however all sensitivities noted in this application will be considered.  There are several freshwater fish threatened species recorded within the Bogan River – Olive Perchlet, Eel Tailed Catfish and Darling River Snail. The Bogan River will not be within 200m of any drilling, likely much further away, and so no adverse effects to these species is envisaged.			
Duration	3-5			
Application ranking	Negligible			
What is the confidence in predicting	High	Are further	No	
impacts?	_	studies		
		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	LowResilience	What is the	Medium	
cope with impacts?		level of public		
Can the impacts be reversed?	No	concern? Ranking of	Medium	
can the impacts be reversed:	NO	potential	iviedidili	
		significance		
Can the impacts be mitigated?	Partly	Justification for ranking		
Do the operations comply with	Yes	Impacts on Threa	<u> </u>	
standards, plans, policies?			·	
Criteria	Habitat of protected aquatic species or those w	ith conservation sta	tus.	
Potential impacts	There will be no impact to any threatened species or ecological community as all drilling will be progressed open grazing paddocks.  Surface water should not be affected by the proposed activities. The nearest watercourses, the Box Cowal and the Bogan River are located on the eastern and western peripheries of this approval area. Actual collar locations will be drilled more than 100m away from any watercourse.  Drillholes will not be advanced within 40m of any existing drainages. Specific access to sites will be undertaken in close consultation with the landholder who knows the ground conditions the best.  There are several freshwater fish threatened species recorded within the Bogan River — Olive Perchlet, Eel Tailed Catfish and Darling River Snail. The Bogan River will not be within 200m of any drilling, likely much further away, and so no adverse effects to these species is envisaged.			
Proposed management controls	All proposed drilling is within open paddocks. D	rillholes can be mov	ved to avoid any and all vegetation.	
Duration	3-5			
Application ranking	Negligible	ı		
What is the confidence in predicting	High	Are further	No	
impacts?		studies required on		
		impacts or		
		mitigation?		
How resilient is the environment to	Medium Resilience	What is the	Low	
cope with impacts?		level of public		
		concern?		
Can the impacts be reversed?	No	Ranking of	Low	
·		potential		
		significance		
Can the impacts be mitigated?	Partly	Justification for ra	anking	
Do the operations comply with	Yes			
standards, plans, policies?				
Criteria	Key Threatening Processes: As outlined in Scheo		•	
	alteration, removal, clearly or degradation of ha		-	
	c. removal of dead wood and dead trees d. invasion and establishment of exotic species.			

Potential impacts	The small drilling program does not require vegetation clearance. Minor areas of disturbance will be rehabilitated within a couple of months and so minimal impact is envisaged.  LANDUSE  The land is currently utilised for agricultural grazing purposes. The land use will not be changed during or after the proposed drilling works.  Earthworks and vegetation clearance is not required for this drilling program. Sites are relatively flat and open.  Drill pad areas, affecting approximately 10 x 20m may require minor clearing of grass from the surface, should this be necessary care will be taken to ensure to leave root stock to enable existing vegetation regrowth.  DISTURBANCE  600sqm for application				
Proposed management controls	Drill site locations are determined based on area of least impact to the environment. Rehabilitation will be undertaken as soon as is reasonably practicable but within the timeframe of this drilling approval application.				
Duration	3-5				
Application ranking	Negligible	T			
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No		
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Low		
Can the impacts be reversed?	Uncertain	Ranking of potential significance	Low		
Can the impacts be mitigated?	Partly	Justification for ra	anking		
Do the operations comply with standards, plans, policies?	Yes				
Criteria	Barriers to movement of fauna: Any potential to conservation significance) or create a barrier to	Barriers to movement of fauna: Any potential to endanger, displace or disturb fauna (including fauna of			
Potential impacts	The small drilling program does not require vegetation clearance. Minor areas of disturbance will be rehabilitated within a couple of months and so minimal impact is envisaged.  LANDUSE  The land is currently utilised for agricultural grazing purposes. The land use will not be changed during or after the proposed drilling works.  Earthworks and vegetation clearance is not required for this drilling program. Sites are relatively flat and open.  Drill pad areas, affecting approximately 10 x 20m may require minor clearing of grass from the surface, should this be necessary care will be taken to ensure to leave root stock to enable existing vegetation regrowth.  DISTURBANCE  600sqm for application				
Proposed management controls	Drill site locations are determined based on area of least impact to the environment. Rehabilitation will be undertaken as soon as is reasonably practicable but within the timeframe of this drilling approval application.				
Duration	3-5				
Application ranking	Negligible				
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	N/A		
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Low		
Can the impacts be reversed?	Yes	Ranking of potential significance	Low		
Can the impacts be mitigated?	No	Justification for ra	anking		
Do the operations comply with standards, plans, policies?	Yes				
Criteria	Ecological & Biosecurity Impacts: Any threat to the biological diversity or ecological integrity of an ecological community.				

Potential impacts	No impact envisaged  The majority of the drilling area is recorded within the Bogan LEP 2011 as terrestrial biodiversity – of moderate, high sensitivity and also unclassified. The high sensitivity areas align quite well with the lightly wooded/ vegetated areas around the watercourses. The moderate sensitivity and unclassified areas are predominantly the paddocks where proposed drilling will take place. The temporary drilling program is proposed within the paddocks and no vegetation to be damaged, therefore is not anticipated to have adverse impacts on the flora and fauna.			
Proposed management controls	Extreme care will be taken on this site to avoid uncontrolled fires. Weather conditions and bush fire alert levels will be monitored. Local emergency services contact details will be readily available for the duration of the activity. All equipment will be maintained to high standards and processes will be in place to minimise risk. All vehicles are appropriately prepared and equipped to minimise fire risk.			
Duration	3-5			
Application ranking	Negligible		Γ	
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No	
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Medium	
Can the impacts be reversed?	Uncertain	Ranking of potential significance	Low	
Can the impacts be mitigated?	Partly	Justification for r	anking	
Do the operations comply with	Yes			
standards, plans, policies? Criteria	Ecological & Biosecurity Impacts: Creates a bios an area. Includes impacts from the introduction pests and diseases, d. animal diseases, e. no	of: a. mobilisatio	on of pollutants b. animal pests, c. plant	
Potential impacts	No impact envisaged Above ground sumps and so no excavations are LANDUSE The land is currently utilised for agricultural gra after the proposed drilling works. Earthworks and vegetation clearance is not requopen. Drill pad areas, affecting approximately 10 x 20 should this be necessary care will be taken to en regrowth. DISTURBANCE 600sqm for application	zing purposes. The uired for this drilling m may require mino	g program. Sites are relatively flat and or clearing of grass from the surface,	
Proposed management controls	Extreme care will be taken on this site to avoid levels will be monitored. Local emergency servithe activity. All equipment will be maintained to risk. All vehicles are appropriately prepared and	ces contact details on high standards and	will be readily available for the duration of d processes will be in place to minimise	
Duration	3-5			
Application ranking	Negligible	Anc finals :	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?	Medium Resilience	What is the level of public concern?	Low	
Can the impacts be reversed?	Uncertain	Ranking of potential significance	Low	
Can the impacts be mitigated?	No	Justification for r	anking	
Do the operations comply with standards, plans, policies?	N/A	o cignificant le de	iro viele	
Criteria	Ecological & Biosecurity Impacts: Likely to cause	e a significant bushf	ire risk.	
Potential impacts	No impact envisaged			

	Eller and the second of the se	A A A A LONG HAND COMMAN	At and become a 1910 and a solid because the fitting at a sign
Proposed management controls	Extreme care will be taken on this site to avoid levels will be monitored. Local emergency servithe activity. All equipment will be maintained t	ces contact details v	vill be readily available for the duration of
	risk. All vehicles are appropriately prepared and	d equipped to minim	nise fire risk.
Duration	3-5		
Application ranking	Negligible		
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	No
How resilient is the environment to	LowResilience	What is the	Medium
cope with impacts?	Lowitesinetice	level of public concern?	Wedulii
Can the impacts be reversed?	No	Ranking of potential significance	Medium
Can the impacts be mitigated?	Partly	Justification for ra	anking
Do the operations comply with	Yes	Extended bushfire	<u> </u>
standards, plans, policies?	. 65		
Criteria Criteria	Community Resources: Any degradation of infr	astructure or signific	cant increase in the demand for services
Potential impacts	There will be no impact to the demand or use of Equipment will comprise a diamond drilling rig field technician and geologist.		
Proposed management controls	ACCESS  Access to proposed drilling locations will be along station tracks and along the edges of paddocks if necessary, in line with relevant landholder specifications. No new tracks are required to be constructed.		
Duration	3-5		
Application ranking	Positive		
What is the confidence in predicting	High	Are further	N/A
impacts?		studies required on impacts or mitigation?	
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	Low
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Partly	Justification for ra	anking
Do the operations comply with standards, plans, policies?	N/A		<u> </u>
Criteria	Community Resources: Any diversion of resour	ces to the detriment	t of other communities or natural systems.
Potential impacts	No diversion of resources required. Equipment will comprise a diamond drilling rig and support vehicles. A light vehicle will also be used by the field technician and geologist.		
Proposed management controls	Work will be undertaken in dry conditions and not during wet weather. Vehicle movement will be kept to minimum to minimise vehicle damage as much as possible.  ACCESS  Access to proposed drilling locations will be along station tracks and along the edges of paddocks if necessary, in line with relevant landholder specifications. No new tracks are required to be constructed. LANDUSE  The land is currently utilised for agricultural grazing purposes. The land use will not be changed during or after the proposed drilling works.		
Duration	3-5		
Application ranking			
What is the confidence in predicting impacts?	High	Are further studies required on impacts or	N/A

Can the impacts be reversed? Yes  Can the impacts be mitigated? Partly Do the operations comply with standards, plans, policies?  Criteria Natura  Potential impacts The proposed management controls Work of the controls of the control of the contr	al Resources: Any disruption, depletion or roposed drilling program is not anticipated		J	
Can the impacts be reversed? Yes  Can the impacts be mitigated? Partly Do the operations comply with standards, plans, policies?  Criteria Natura  Potential impacts The proposed management controls Work of the control of the contro	al Resources: Any disruption, depletion or roposed drilling program is not anticipated USE nd is currently utilised for agricultural graz	concern? Ranking of potential significance Justification for raddestruction of nature	anking	
Can the impacts be reversed? Yes  Can the impacts be mitigated? Partly Do the operations comply with standards, plans, policies?  Criteria Natura  Potential impacts The proposed management controls Work of the control of the contro	al Resources: Any disruption, depletion or roposed drilling program is not anticipated USE nd is currently utilised for agricultural graz	concern? Ranking of potential significance Justification for raddestruction of nature	anking	
Can the impacts be mitigated? Partly  Do the operations comply with standards, plans, policies?  Criteria Natura  Potential impacts The price LANDU. The lar after the proposed management controls Work of the proposed was a second to the proposed management controls Work of the proposed management controls	al Resources: Any disruption, depletion or roposed drilling program is not anticipated USE nd is currently utilised for agricultural graz	Ranking of potential significance Justification for raddestruction of nature	anking	
Can the impacts be mitigated? Partly  Do the operations comply with standards, plans, policies?  Criteria Natura  Potential impacts The price LANDU. The lar after the proposed management controls Work of the proposed was a second to the proposed management of the proposed was a second to the proposed management controls Work of the proposed management controls	al Resources: Any disruption, depletion or roposed drilling program is not anticipated USE nd is currently utilised for agricultural graz	potential significance Justification for raddestruction of nature	anking	
Do the operations comply with standards, plans, policies?  Criteria Natura  Potential impacts The proposed management controls Work of the proposed with the proposed was a standard or th	al Resources: Any disruption, depletion or roposed drilling program is not anticipated USE nd is currently utilised for agricultural graz	significance Justification for ra	J	
Do the operations comply with standards, plans, policies?  Criteria Natura  Potential impacts The proposed management controls Work of the proposed with the proposed was a standard or th	al Resources: Any disruption, depletion or roposed drilling program is not anticipated USE nd is currently utilised for agricultural graz	Justification for radiation destruction of natural	J	
Do the operations comply with standards, plans, policies?  Criteria Natura  Potential impacts The proposed management controls Work of the proposed with the proposed was a standard or th	al Resources: Any disruption, depletion or roposed drilling program is not anticipated USE nd is currently utilised for agricultural graz	destruction of natu	J	
Do the operations comply with standards, plans, policies?  Criteria Natura  Potential impacts The proposed management controls Work of the proposed with the proposed was a standard or th	al Resources: Any disruption, depletion or roposed drilling program is not anticipated USE nd is currently utilised for agricultural graz		ral resources.	
standards, plans, policies?  Criteria Natura  Potential impacts The pri LANDU The lar after the proposed management controls Work of the proposed was a second to the proposed management controls work of the proposed management controls which is the proposed management control of the proposed management	roposed drilling program is not anticipated USE nd is currently utilised for agricultural graz		ral resources.	
Potential impacts  The proposed management controls  Natura  The proposed management controls  Natura  The proposed management controls  Work of the proposed management controls	roposed drilling program is not anticipated USE nd is currently utilised for agricultural graz		ral resources.	
Potential impacts  The proposed management controls  The proposed management controls  Work of the proposed management controls	roposed drilling program is not anticipated USE nd is currently utilised for agricultural graz		rai resources.	
LANDU. The lar after the state of the state	USE nd is currently utilised for agricultural graz	d to disrupt, deplete		
Proposed management controls Work v	nd is currently utilised for agricultural graz		, or destroy any natural resources.	
Proposed management controls Work v		LANDUSE		
Proposed management controls Work v	he proposed drilling works.	zing purposes. The I	and use will not be changed during or	
Proposed management controls Work v				
	will be undertaken in dry conditions and n	ot during wat wast	hor Vahiala mayamant will be kent to a	
I minim			her. Venicie movement will be kept to a	
	num to minimise vehicle damage as much a	as possible.		
Duration 3-5				
Application ranking Negligi	ible			
What is the confidence in predicting High		Are further	N/A	
impacts?		studies		
iiipacts:				
		required on		
		impacts or		
		mitigation?	<u> </u>	
How resilient is the environment to High R	Resilience	What is the	Low	
cope with impacts?		level of public		
30ps		concern?		
Con the immedia have recorded 2. Vec				
Can the impacts be reversed? Yes		Ranking of	Low	
		potential		
		significance		
Can the impacts be mitigated? Partly		Justification for ra	anking	
Do the operations comply with Yes				
standards, plans, policies?				
	l Pasaursos: Any disruption of oxisting as	l tivitios which roly o	n natural recourses, including forestry	
	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).			
		•		
·	roposed program will be undertaken at a t			
existin	ng activities. The drill holes are to be collar	ed in paddocks whi	ch are used for grazing purposes.	
LANDU	JSE			
The lar	nd is currently utilised for agricultural graz	zing purposes. The I	and use will not be changed during or	
	the proposed drilling works.	6 h h		
arter ti	The proposed drilling works.			
	****			
	will be undertaken in dry conditions and n		her. Vehicle movement will be kept to a	
minim	num to minimise vehicle damage as much a	as possible.		
Duration 3-5				
Application ranking Negligi	ible			
What is the confidence in predicting High		Are further	N/A	
			IN/A	
impacts?		studies		
		required on		
		impacts or		
		mitigation?		
l l	Resilience	What is the	Low	
How resilient is the environment to High R			 	
How resilient is the environment to cope with impacts?		level of public	1	
cope with impacts?		concern?		
			Low	
cope with impacts?		concern?	Low	
cope with impacts?		concern? Ranking of potential	Low	
cope with impacts?  Can the impacts be reversed? Yes		concern? Ranking of potential significance		
cope with impacts?  Can the impacts be reversed? Yes  Can the impacts be mitigated? Partly		concern? Ranking of potential		
Can the impacts be reversed? Yes  Can the impacts be mitigated? Partly  Do the operations comply with Yes		concern? Ranking of potential significance		
Can the impacts be reversed? Yes  Can the impacts be mitigated? Partly  Do the operations comply with standards, plans, policies?		concern? Ranking of potential significance Justification for ra	anking	

Potential impacts	The area is identified of moderate and high sensitivity for Terrestrial Biodiversity in the Bogan Local Environmental Plan 2011. The low impact nature of the drilling and small footprint will not result in the degradation of the sensitive areas. Mineral exploration drilling is not declared as designated development in the Bogan LEP. The proposed works will only be conducted in dry conditions, and access will be discussed in close consultation with affected landholders.  Bogan Local Environmental Plan 2011 - NSW Legislation- Condition 7.4 Terrestrial Biodiversity The majority of the drilling area is recorded within the Bogan LEP 2011 as terrestrial biodiversity – of moderate, high sensitivity and also unclassified. The high sensitivity areas align quite well with the lightly wooded/ vegetated areas around the watercourses. The moderate sensitivity and unclassified areas are predominantly the paddocks where proposed drilling will take place. The temporary drilling program is proposed within the paddocks and no vegetation to be damaged, therefore is not anticipated to have adverse impacts on the flora and fauna.				
Proposed management controls	Work will be undertaken in dry conditions and not during wet weather. Vehicle movement will be kept to a minimum to minimise vehicle damage as much as possible.				
Duration	3-5				
Application ranking	Negligible				
What is the confidence in predicting impacts?	High	Are further studies required on impacts or	No		
	A4 1: D 11:	mitigation?	A		
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Medium		
Can the impacts be reversed?	Uncertain	Ranking of potential significance	Medium		
Can the impacts be mitigated?	Partly	Justification for r			
Do the operations comply with standards, plans, policies?	Yes	Biodiversity could	be affected.		
Criteria	Sensitive Land Impacts: Impacts on National parties the National Parks and Wildlife Act 1974.	rks and other areas	reserved or dedicated or acquired under		
Potential impacts	N/A				
Proposed management controls	N/A				
Duration	N/A				
Application ranking	N/A				
What is the confidence in predicting impacts?	N/A	Are further studies required on impacts or mitigation?	N/A		
How resilient is the environment to	N/A	What is the	N/A		
cope with impacts?	N/A	level of public concern?	N/A		
Can the impacts be reversed?	N/A	Ranking of potential significance	N/A		
Can the impacts be mitigated?	N/A	Justification for r	ı anking		
Do the operations comply with standards, plans, policies?	N/A	Justinication for f	anning.		
Criteria	Sensitive Land Impacts: Land subject to a 'conse 1974 and/or the Biodiversity Conservation Act 2 under the now repealed Threatened Species Co agreement established under the Biodiversity Cestablished under the Biodiversity Conservation continue to have effect even where legislation how repealed Nature Conservation Trust Act 20 repealed Native Vegetation Act 2003 Reg Vegetation Conservation Act 1997	2016. This includes: Inservation Act 1999 Inservation Act 203 In Act 2016. c. Exist Inas been repealed: In 1900 Property ve	a. Biobanking agreement (established 5) or a Biodiversity Stewardship L6. b. Wildlife Refuge agreement ing conservation agreements that Trust agreements under the		
Potential impacts	N/A				
Proposed management controls	N/A				
Duration	N/A				
Application ranking	N/A				
What is the confidence in predicting	N/A	Are further	N/A		
impacts?	,	studies required on impacts or			
		mitigation?			

How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	N/A
		potential significance	
Can the impacts be mitigated?	N/A	Justification for r	 anking
Do the operations comply with	N/A	Justinication for t	anking
standards, plans, policies?	N/A		
Criteria	Sensitive Land Impacts: Impacts on aquatic rese	erves or marine par	ks declared under the Marine Estate
	Management Act 2014. Impacts on Coastal Zon	e as defined in the (	Coastal Management Act 2016.
Potential impacts	N/A		
Proposed management controls	N/A		
Duration	N/A		
Application ranking	N/A	A confinition	1 21/2
What is the confidence in predicting impacts?	N/A	Are further studies	N/A
impacts:		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?	,	level of public	,
		concern?	
Can the impacts be reversed?	N/A	Ranking of	N/A
		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for r	anking
Do the operations comply with standards, plans, policies?	N/A		
Criteria	Sensitive Land Impacts: Fishing grounds and cor	 mmercial fish hreed	ing or nursery areas
Potential impacts	The area is identified of moderate and high sen		
	the Bogan LEP. The proposed works will only be close consultation with affected landholders.  Drillholes will not be advanced within 40m of all undertaken in close consultation with the land! There are several freshwater fish threatened sp. Tailed Catfish and Darling River Snail. The Bogan	ny existing drainage nolder who knows the pecies recorded with n River will not be w	s. Specific access to sites will be he ground conditions the best. hin the Bogan River – Olive Perchlet, Eel vithin 200m of any drilling, likely much
Burn and management and the latest	further away, and so no adverse effects to thes  Work will be undertaken in dry conditions and i		
Proposed management controls	minimum to minimise vehicle damage as much	•	ther. Vehicle movement will be kept to a
Duration	3-5		
Application ranking	Negligible		
What is the confidence in predicting	High	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
Harris and in the consideration the	LowPariliana	mitigation?	Levi
How resilient is the environment to cope with impacts?	LowResilience	What is the level of public	Low
cope with impacts:		concern?	
Can the impacts be reversed?	No	Ranking of	Low
can the impacts be reversed.		potential	25.0
		significance	
Can the impacts be mitigated?	Partly	Justification for r	anking
Do the operations comply with	No		
standards, plans, policies?	Constitution of the second of	 	a final objects of the second
Criteria	Sensitive Land Impacts: Impacts on other sensi	_	
	under the Forestry Act 2012 for conservation va (and other) zones. b. Drinking water catchmer		,
	a 'special area' under the Water NSW Act 2014,	•	
	Hunter Water Act 1991. c. Waterfront land as	•	
	, manter vvater het 1991. C. vvatermont land as	actifica affact tile	Water Management Act 2000.

Potential impacts				
	The area is identified of moderate and high sensitivity for Terrestrial Biodiversity in the Bogan Local Environmental Plan 2011. The low impact nature of the drilling and small footprint will not result in the degradation of the sensitive areas. Mineral exploration drilling is not declared as designated development in the Bogan LEP. The proposed works will only be conducted in dry conditions, and access will be discussed in close consultation with affected landholders.			
Proposed management controls	Work will be undertaken in dry conditions and not during wet weather. Vehicle movement will be kept to a minimum to minimise vehicle damage as much as possible.			
Duration	3-5			
Application ranking	Negligible			
What is the confidence in predicting	High	Are further	No	
impacts?		studies		
		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	LowResilience	What is the	Medium	
cope with impacts?	LOWINESITIETICE	level of public	Wediam	
cope with impacts:		concern?		
Con the impacts he reversed?	No		Medium	
Can the impacts be reversed?	NO .	Ranking of	Iviediditi	
		potential		
0 11 1 11 11 12		significance		
Can the impacts be mitigated?	Partly	Justification for r		
Do the operations comply with	Yes	Impacts on Terres	strial Biodiversity in the Bogan Local area	
standards, plans, policies?				
Criteria	Sensitive Land Impacts: Impacts on land reserv 1989/Crown Lands Management Act 2016 for protection purposes.			
Potential impacts	N/A	<u> </u>		
Proposed management controls	N/A			
Duration	N/A			
Application ranking	N/A			
What is the confidence in predicting	N/A	Are further	N/A	
impacts?		studies	1477	
impacts.		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	N/A	What is the	N/A	
	N/A	level of public	N/A	
cope with impacts?		concern?		
Can the impacts be reversed?	N/A	Ranking of	N/A	
can the impacts be reversed:	N/A	potential	IV/A	
		significance		
	21/0			
	N/A	Justification for r	anking	
Can the impacts be mitigated?	NI/A			
Do the operations comply with	N/A			
Do the operations comply with standards, plans, policies?		find an wildowness ar	declared a wilderness area under the	
Do the operations comply with standards, plans, policies?	Sensitive Land Impacts: Impacts on land identi	fied as wilderness or	declared a wilderness area under the	
Do the operations comply with standards, plans, policies? Criteria	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.	fied as wilderness or	declared a wilderness area under the	
Do the operations comply with standards, plans, policies? Criteria Potential impacts	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987. N/A	fied as wilderness or	declared a wilderness area under the	
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  N/A  N/A	fied as wilderness or	declared a wilderness area under the	
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  N/A  N/A  N/A	fied as wilderness or	declared a wilderness area under the	
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  N/A  N/A  N/A  N/A  N/A			
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  N/A  N/A  N/A	fied as wilderness or  Are further	declared a wilderness area under the	
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  N/A  N/A  N/A  N/A  N/A	Are further studies		
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  N/A  N/A  N/A  N/A  N/A	Are further studies required on		
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  N/A  N/A  N/A  N/A  N/A	Are further studies		
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  N/A  N/A  N/A  N/A  N/A	Are further studies required on		
Do the operations comply with standards, plans, policies? Criteria Potential impacts Proposed management controls Duration Application ranking What is the confidence in predicting	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  N/A  N/A  N/A  N/A  N/A	Are further studies required on impacts or		
Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  N/A  N/A  N/A  N/A  N/A  N/A	Are further studies required on impacts or mitigation?	N/A	
Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  N/A  N/A  N/A  N/A  N/A  N/A	Are further studies required on impacts or mitigation?	N/A	
Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  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	N/A	
Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  N/A  N/A  N/A  N/A  N/A  N/A  N/A	Are further studies required on impacts or mitigation? What is the level of public concern?	N/A	
Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  N/A  N/A  N/A  N/A  N/A  N/A  N/A	Are further studies required on impacts or mitigation? What is the level of public concern?	N/A	
Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	N/A N/A	
Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  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 N/A	
Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be mitigated?  Do the operations comply with	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance	N/A N/A	
Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be mitigated?  Do the operations comply with standards, plans, policies?	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  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 r	N/A N/A N/A	
Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be mitigated?  Do the operations comply with	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  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 r	N/A  N/A  N/A  Anking  designated under the Ramsar Convention	
Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be mitigated?  Do the operations comply with standards, plans, policies?	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  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 r	N/A  N/A  N/A  Anking  designated under the Ramsar Convention	
Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be mitigated?  Do the operations comply with standards, plans, policies?	Sensitive Land Impacts: Impacts on land identify Wilderness Act 1987.  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 r	N/A  N/A  N/A  Anking  designated under the Ramsar Convention	

	T		
Duration	N/A		
Application ranking	N/A		
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
·		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	N/A
		potential	
		significance	
Can the impacts be mitigated?	N/A		ankina
Can the impacts be mitigated?	· ·	Justification for ra	alikilig
Do the operations comply with	N/A		
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Impacts on land identifi	ed in an environme	ntal planning instrument as being of
	biodiversity / conservation significance or zone	d for environmental	conservation, protection and/or
	management. Includes Coastal Wetlands and Li		
	(Resilience and Hazards) 2021.	u	- Chey
Detential impacts			
Potential impacts	N/A		
Proposed management controls	N/A		
Duration	N/A		
Application ranking	N/A		
What is the confidence in predicting	N/A	Are further	N/A
impacts?	,	studies	,
impacts.			
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?	1,7.1	level of public	.,,
cope with impacts:			
0 11 1 11 12	21/2	concern?	21/2
Can the impacts be reversed?	N/A	Ranking of	N/A
		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for ra	anking
Do the operations comply with	N/A		
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Impacts on Aboriginal h	eritage protection a	areas: a. Aboriginal places and objects
	under the National Parks and Wildlife Act 1974		
	environmental planning instrument.	b. Aleas of Aborig	inar culturar significance identified in an
B			
Potential impacts	N/A		
Proposed management controls	N/A		
Duration	N/A		
Application ranking	N/A		
What is the confidence in predicting	N/A	Are further	N/A
impacts?	.,	studies	.,,
mpacts.		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
30 po paoto:		concern?	
Can the impacts be reversed?	N/A		N/A
can the impacts be reversed?	N/A	Ranking of	N/A
		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for ra	anking
Do the operations comply with	N/A		
standards, plans, policies?	<u>'</u>		
Criteria	Sensitive Land Impacts: Impacts on heritage pro	tection areas (histo	ric or naturally as Nationally and
Citeria		•	•
	internationally recognised heritage sites or area		
	Commonwealth Heritage List) b. Items listed of	on State Heritage	c. Heritage items and conservation areas
	identified in an environmental planning instrum	ent	
Potential impacts	N/A		
Proposed management controls	N/A		
Duration	N/A		
Application ranking	N/A		

What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	N/A
		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for ra	anking
Do the operations comply with	N/A		
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Impacts on community		r the Local Government Act 1993 (for
	which a plan of management has been prepared	d).	
Potential impacts	N/A		
Proposed management controls	N/A		
Duration	N/A		
Application ranking	N/A	Ī	
What is the confidence in predicting	N/A	Are further	N/A
impacts?		studies	
		required on	
		impacts or	
		mitigation?	
How resilient is the environment to	N/A	What is the	N/A
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	N/A	Ranking of	N/A
		potential	
		significance	
Can the impacts be mitigated?	N/A	Justification for ra	anking
Do the operations comply with	N/A		
standards, plans, policies?			
Criteria	Sensitive Land Impacts: Impacts on bushfire pro		
	The area is identified of moderate and high sens	sitivity for Terrestria	,
Criteria	The area is identified of moderate and high sense Environmental Plan 2011. The low impact nature	sitivity for Terrestria re of the drilling and	small footprint will not result in the
Criteria	The area is identified of moderate and high sense Environmental Plan 2011. The low impact nature degradation of the sensitive areas. Mineral exp	sitivity for Terrestria re of the drilling and loration drilling is n	d small footprint will not result in the ot declared as designated development in
Criteria	The area is identified of moderate and high sense Environmental Plan 2011. The low impact nature degradation of the sensitive areas. Mineral expethe Bogan LEP. The proposed works will only be	sitivity for Terrestria re of the drilling and loration drilling is n	d small footprint will not result in the ot declared as designated development in
Criteria Potential impacts	The area is identified of moderate and high sens Environmental Plan 2011. The low impact natural degradation of the sensitive areas. Mineral exp the Bogan LEP. The proposed works will only be close consultation with affected landholders.	sitivity for Terrestria re of the drilling and loration drilling is n conducted in dry co	d small footprint will not result in the ot declared as designated development in onditions, and access will be discussed in
Criteria	The area is identified of moderate and high sens Environmental Plan 2011. The low impact natural degradation of the sensitive areas. Mineral exp the Bogan LEP. The proposed works will only be close consultation with affected landholders. Work will be undertaken in dry conditions and r	sitivity for Terrestria re of the drilling and loration drilling is n conducted in dry co not during wet weat	d small footprint will not result in the ot declared as designated development in onditions, and access will be discussed in
Proposed management controls	The area is identified of moderate and high sens Environmental Plan 2011. The low impact natural degradation of the sensitive areas. Mineral exp the Bogan LEP. The proposed works will only be close consultation with affected landholders. Work will be undertaken in dry conditions and r minimum to minimise vehicle damage as much	sitivity for Terrestria re of the drilling and loration drilling is n conducted in dry co not during wet weat	d small footprint will not result in the ot declared as designated development in onditions, and access will be discussed in
Criteria  Potential impacts  Proposed management controls  Duration	The area is identified of moderate and high sens Environmental Plan 2011. The low impact nature degradation of the sensitive areas. Mineral exp the Bogan LEP. The proposed works will only be close consultation with affected landholders.  Work will be undertaken in dry conditions and r minimum to minimise vehicle damage as much 3-5	sitivity for Terrestria re of the drilling and loration drilling is n conducted in dry co not during wet weat	d small footprint will not result in the ot declared as designated development in onditions, and access will be discussed in
Criteria  Potential impacts  Proposed management controls  Duration  Application ranking	The area is identified of moderate and high sens Environmental Plan 2011. The low impact natur degradation of the sensitive areas. Mineral exp the Bogan LEP. The proposed works will only be close consultation with affected landholders.  Work will be undertaken in dry conditions and r minimum to minimise vehicle damage as much 3-5  Negligible	sitivity for Terrestria re of the drilling and loration drilling is n conducted in dry co not during wet weat as possible.	d small footprint will not result in the ot declared as designated development in onditions, and access will be discussed in ther. Vehicle movement will be kept to a
Proposed management controls  Duration Application ranking What is the confidence in predicting	The area is identified of moderate and high sens Environmental Plan 2011. The low impact nature degradation of the sensitive areas. Mineral exp the Bogan LEP. The proposed works will only be close consultation with affected landholders.  Work will be undertaken in dry conditions and r minimum to minimise vehicle damage as much 3-5	sitivity for Terrestria re of the drilling and loration drilling is n conducted in dry co not during wet weat as possible.  Are further	d small footprint will not result in the ot declared as designated development in onditions, and access will be discussed in
Proposed management controls  Duration Application ranking	The area is identified of moderate and high sens Environmental Plan 2011. The low impact natur degradation of the sensitive areas. Mineral exp the Bogan LEP. The proposed works will only be close consultation with affected landholders.  Work will be undertaken in dry conditions and r minimum to minimise vehicle damage as much 3-5  Negligible	sitivity for Terrestria re of the drilling and loration drilling is n conducted in dry co not during wet weat as possible.  Are further studies	d small footprint will not result in the ot declared as designated development in onditions, and access will be discussed in ther. Vehicle movement will be kept to a
Proposed management controls  Duration Application ranking What is the confidence in predicting	The area is identified of moderate and high sens Environmental Plan 2011. The low impact natur degradation of the sensitive areas. Mineral exp the Bogan LEP. The proposed works will only be close consultation with affected landholders.  Work will be undertaken in dry conditions and r minimum to minimise vehicle damage as much 3-5  Negligible	sitivity for Terrestria re of the drilling and loration drilling is n conducted in dry co not during wet weat as possible.  Are further studies required on	d small footprint will not result in the ot declared as designated development in onditions, and access will be discussed in ther. Vehicle movement will be kept to a
Proposed management controls  Duration Application ranking What is the confidence in predicting	The area is identified of moderate and high sens Environmental Plan 2011. The low impact natur degradation of the sensitive areas. Mineral exp the Bogan LEP. The proposed works will only be close consultation with affected landholders.  Work will be undertaken in dry conditions and r minimum to minimise vehicle damage as much 3-5  Negligible	sitivity for Terrestria re of the drilling and loration drilling is n conducted in dry co not during wet weat as possible.  Are further studies required on impacts or	d small footprint will not result in the ot declared as designated development in onditions, and access will be discussed in ther. Vehicle movement will be kept to a
Proposed management controls  Duration Application ranking  What is the confidence in predicting impacts?	The area is identified of moderate and high sense Environmental Plan 2011. The low impact nature degradation of the sensitive areas. Mineral expective Bogan LEP. The proposed works will only be close consultation with affected landholders.  Work will be undertaken in dry conditions and minimum to minimise vehicle damage as much 3-5  Negligible  High	sitivity for Terrestria re of the drilling and loration drilling is n conducted in dry co not during wet weat as possible.  Are further studies required on impacts or mitigation?	d small footprint will not result in the ot declared as designated development in onditions, and access will be discussed in ther. Vehicle movement will be kept to a
Proposed management controls  Duration Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to	The area is identified of moderate and high sens Environmental Plan 2011. The low impact natur degradation of the sensitive areas. Mineral exp the Bogan LEP. The proposed works will only be close consultation with affected landholders.  Work will be undertaken in dry conditions and r minimum to minimise vehicle damage as much 3-5  Negligible	sitivity for Terrestria re of the drilling and loration drilling is n conducted in dry co not during wet weat as possible.  Are further studies required on impacts or mitigation? What is the	d small footprint will not result in the ot declared as designated development in onditions, and access will be discussed in ther. Vehicle movement will be kept to a
Proposed management controls  Duration Application ranking  What is the confidence in predicting impacts?	The area is identified of moderate and high sense Environmental Plan 2011. The low impact nature degradation of the sensitive areas. Mineral expective Bogan LEP. The proposed works will only be close consultation with affected landholders.  Work will be undertaken in dry conditions and minimum to minimise vehicle damage as much 3-5  Negligible  High	sitivity for Terrestria re of the drilling and loration drilling is n conducted in dry co not during wet weat as possible.  Are further studies required on impacts or mitigation?  What is the level of public	d small footprint will not result in the ot declared as designated development in onditions, and access will be discussed in ther. Vehicle movement will be kept to a
Proposed management controls  Duration Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?	The area is identified of moderate and high sense Environmental Plan 2011. The low impact nature degradation of the sensitive areas. Mineral expective Bogan LEP. The proposed works will only be close consultation with affected landholders.  Work will be undertaken in dry conditions and minimum to minimise vehicle damage as much 3-5  Negligible  High  LowResilience	sitivity for Terrestria re of the drilling and loration drilling is n conducted in dry co not during wet weat as possible.  Are further studies required on impacts or mitigation? What is the level of public concern?	d small footprint will not result in the ot declared as designated development in conditions, and access will be discussed in ther. Vehicle movement will be kept to a N/A
Proposed management controls  Duration Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to	The area is identified of moderate and high sense Environmental Plan 2011. The low impact nature degradation of the sensitive areas. Mineral expective Bogan LEP. The proposed works will only be close consultation with affected landholders.  Work will be undertaken in dry conditions and minimum to minimise vehicle damage as much 3-5  Negligible  High	sitivity for Terrestria re of the drilling and loration drilling is n conducted in dry co not during wet weat as possible.  Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of	d small footprint will not result in the ot declared as designated development in onditions, and access will be discussed in ther. Vehicle movement will be kept to a
Proposed management controls  Duration Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?	The area is identified of moderate and high sense Environmental Plan 2011. The low impact nature degradation of the sensitive areas. Mineral expective Bogan LEP. The proposed works will only be close consultation with affected landholders.  Work will be undertaken in dry conditions and minimum to minimise vehicle damage as much 3-5  Negligible  High  LowResilience	sitivity for Terrestria re of the drilling and loration drilling is n conducted in dry co not during wet weat as possible.  Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential	d small footprint will not result in the ot declared as designated development in conditions, and access will be discussed in ther. Vehicle movement will be kept to a N/A
Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?	The area is identified of moderate and high sense Environmental Plan 2011. The low impact nature degradation of the sensitive areas. Mineral expective Bogan LEP. The proposed works will only be close consultation with affected landholders.  Work will be undertaken in dry conditions and minimum to minimise vehicle damage as much 3-5  Negligible  High  LowResilience	sitivity for Terrestriate of the drilling and loration drilling is not conducted in dry con	d small footprint will not result in the ot declared as designated development in onditions, and access will be discussed in ther. Vehicle movement will be kept to a N/A  Medium  Medium
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?	The area is identified of moderate and high sense Environmental Plan 2011. The low impact nature degradation of the sensitive areas. Mineral expective Bogan LEP. The proposed works will only be close consultation with affected landholders.  Work will be undertaken in dry conditions and minimum to minimise vehicle damage as much 3-5  Negligible  High  LowResilience	sitivity for Terrestriate of the drilling and loration drilling is not conducted in dry con	d small footprint will not result in the ot declared as designated development in conditions, and access will be discussed in ther. Vehicle movement will be kept to a N/A  Medium  Medium
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	The area is identified of moderate and high sense Environmental Plan 2011. The low impact nature degradation of the sensitive areas. Mineral expective Bogan LEP. The proposed works will only be close consultation with affected landholders.  Work will be undertaken in dry conditions and minimum to minimise vehicle damage as much 3-5  Negligible  High  LowResilience	sitivity for Terrestriate of the drilling and loration drilling is not conducted in dry con	d small footprint will not result in the ot declared as designated development in conditions, and access will be discussed in ther. Vehicle movement will be kept to a N/A  Medium  Medium
Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the operations comply with standards, plans, policies?	The area is identified of moderate and high sense Environmental Plan 2011. The low impact nature degradation of the sensitive areas. Mineral expective Bogan LEP. The proposed works will only be close consultation with affected landholders.  Work will be undertaken in dry conditions and minimum to minimise vehicle damage as much 3-5  Negligible  High  LowResilience  No  Partly  N/A	sitivity for Terrestriate of the drilling and loration drilling is not conducted in dry con	small footprint will not result in the ot declared as designated development in conditions, and access will be discussed in ther. Vehicle movement will be kept to a N/A  Medium  Medium  anking es.
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	The area is identified of moderate and high sense Environmental Plan 2011. The low impact nature degradation of the sensitive areas. Mineral expective Bogan LEP. The proposed works will only be close consultation with affected landholders.  Work will be undertaken in dry conditions and minimum to minimise vehicle damage as much 3-5  Negligible  High  LowResilience  No  Partly  N/A  Social Impacts: Any impacts which result in a ch	sitivity for Terrestriate of the drilling and loration drilling is not conducted in dry con	small footprint will not result in the ot declared as designated development in onditions, and access will be discussed in ther. Vehicle movement will be kept to a N/A  Medium  Medium  anking es. aphic structure of the community,
Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the operations comply with standards, plans, policies?	The area is identified of moderate and high sense Environmental Plan 2011. The low impact nature degradation of the sensitive areas. Mineral expective Bogan LEP. The proposed works will only be close consultation with affected landholders.  Work will be undertaken in dry conditions and minimum to minimise vehicle damage as much 3-5  Negligible  High  LowResilience  No  Partly  N/A	sitivity for Terrestriate of the drilling and loration drilling is not conducted in dry con	small footprint will not result in the ot declared as designated development in onditions, and access will be discussed in ther. Vehicle movement will be kept to a N/A  Medium  Medium  anking es.  aphic structure of the community, gion. Including change in demand for

Potential impacts	The proposed program is small and will not affect the demographics of the local communities.  LANDUSE  The land is currently utilised for agricultural grazing purposes. The land use will not be changed during or after the proposed drilling works.  Earthworks and vegetation clearance is not required for this drilling program. Sites are relatively flat and open.  DISTURBANCE 600sqm for application			
Proposed management controls	Exploration has been conducted in this area by ACGH during recent years with no issues raised to date.  Community consultation has been initiated with affected landholders and the community. A regular flow of information will be provided, and any concerns will be addressed immediately.			
Duration	3-5			
Application ranking	Negligible			
What is the confidence in predicting impacts?	High	Are further studies required on impacts or	N/A	
How resilient is the environment to cope with impacts?	Medium Resilience	mitigation? What is the level of public concern?	Low	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Partly	Justification for ra	anking	
Do the operations comply with standards, plans, policies?	N/A			
Criteria	Social Impacts: Any environmental impact that (including loss of facilities or loss of community		ial change or disruption to the community	
	There will be no impact or change to the community following the proposed drilling program LANDUSE  The land is currently utilised for agricultural grazing purposes. The land use will not be changed during or after the proposed drilling works.  Earthworks and vegetation clearance is not required for this drilling program. Sites are relatively flat and open.  DISTURBANCE 600sqm for application  ACCESS: Access to proposed drilling locations will be along station tracks and along the edges of paddocks, necessary, in line with relevant landholder specifications. No new tracks are required to be constructed.			
Proposed management controls	Exploration has been conducted in this area by ACGH during recent years with no issues raised to date.  Community consultation has been initiated with affected landholders and the community. A regular flow information will be provided, and any concerns will be addressed immediately.			
Duration	3-5		,	
Application ranking	Negligible			
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	N/A	
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Low	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Partly	Justification for ra	anking	
Do the operations comply with standards, plans, policies?	N/A			
Criteria	Social Impacts: Any impacts which result in som disadvantaged (e.g. change to community facilit		- · · · · · · · · · · · · · · · · · · ·	
Potential impacts	The small program will not disadvantage the co	mmunity or individu	uals in the area	
	Since, program with not discarrantage the community of materialds in the area			

Proposed management controls	Exploration has been conducted in this area by ACGH during recent years with no issues raised to date.  Community consultation has been initiated with affected landholders and the community. A regular flow of information will be provided, and any concerns will be addressed immediately.  ACCESS: Access to proposed drilling locations will be along station tracks and along the edges of paddocks, if necessary, in line with relevant landholder specifications. No new tracks are required to be constructed.			
Duration	3-5			
Application ranking	Negligible			
What is the confidence in predicting impacts?	High	N/A		
How resilient is the environment to	Medium Resilience	What is the	Medium	
cope with impacts?		level of public concern?		
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Partly	Justification for r	anking	
Do the operations comply with	N/A			
standards, plans, policies?				
Criteria	Social Impacts: Any impacts on the health, safet factors such as pollution, odour, noise, vibration	n, lighting, visual im	pacts, etc).	
Potential impacts	The impacts are minimal and not within proximity to sensitive receptors or communities.  TIMING/NOISE  12hr shifts 6am-6pm, 7 days a week. Drilling is expected to take approximately 3-5 weeks to complete, or 1-2 weeks per drillhole. Not all collars may be drilled.  29 April-8 Nov 2025  There is one homestead, River Ridge Homestead, located within the proposed drilling area. The relevant landholders in this area are fully informed with the proposed drilling and appropriate access agreements will be in place prior to any works. There are no further sensitive receptors nearby. The town of Nyngan is located approximately 2km south of the proposed drilling area.			
Proposed management controls	Exploration has been conducted in this area by Community consultation has been initiated with information will be provided, and any concerns	affected landholde	ers and the community. A regular flow of	
Duration	3-5			
Application ranking	Negligible			
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	N/A	
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Low	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Partly	Justification for r	anking	
Do the operations comply with	Yes			
standards, plans, policies? Criteria	Social Impacts: Effect on a locality, place or building having aesthetic, anthropological, archaeological, architectural, cultural, historical, scientific or social significance or other special value for present or future generations?			
Potential impacts	There will be no detrimental effect on the aesthetics, or any other special value.  PROJECT 3km north from Nyngan.  DISTURBANCE/LANDUSE: 600sqm for application. The land is currently utilised for agricultural grazing purposes.			
Proposed management controls	Exploration has been conducted in this area by ACGH during recent years with no issues raised to date.  Community consultation has been initiated with affected landholders and the community. A regular flow of information will be provided, and any concerns will be addressed immediately.			
Duration	3-5			
Application ranking	Negligible			
What is the confidence in predicting impacts?	High	Are further studies required on impacts or mitigation?	N/A	

How resilient is the environment to			T
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 ra	l anking
Do the operations comply with	N/A	Justilication for it	unking
standards, plans, policies?	N/A		
Criteria	Social Impacts: Impacts on communities with s	trong sense of identi	ity.
Potential impacts	There will be no impact or change to the comn		<u>'</u>
Proposed management controls	Exploration has been conducted in this area by ACGH during recent years with no issues raised to date Community consultation has been initiated with affected landholders and the community. A regular flinformation will be provided, and any concerns will be addressed immediately.		
Duration	3-5		
Application ranking	Negligible		
What is the confidence in predicting	High	Are further	N/A
impacts?		studies required on impacts or mitigation?	
How resilient is the environment to	Medium Resilience	What is the	Low
cope with impacts?		level of public	
		concern?	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low
Can the impacts be mitigated?	Partly	Justification for ra	anking
Do the operations comply with	N/A		
Do the operations comply with			
standards, plans, policies?			
	Social Impacts: Impacts on disadvantaged com	munities.	
standards, plans, policies? Criteria Potential impacts	There will be no impact or change to the comn	nunity following the	
standards, plans, policies?  Criteria  Potential impacts  Proposed management controls	There will be no impact or change to the comme Exploration has been conducted in this area by Community consultation has been initiated with information will be provided, and any concerns	nunity following the ACGH during recent the affected landholder	years with no issues raised to date. ers and the community. A regular flow of
standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration	There will be no impact or change to the comme Exploration has been conducted in this area by Community consultation has been initiated with information will be provided, and any concerns 3-5	nunity following the ACGH during recent the affected landholder	years with no issues raised to date. ers and the community. A regular flow of
standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking	There will be no impact or change to the comn Exploration has been conducted in this area by Community consultation has been initiated wit information will be provided, and any concerns 3-5  Negligible	nunity following the ACGH during recent that affected landholdes will be addressed in	eyears with no issues raised to date.  ers and the community. A regular flow of mmediately.
standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration	There will be no impact or change to the comme Exploration has been conducted in this area by Community consultation has been initiated with information will be provided, and any concerns 3-5	nunity following the ACGH during recent the affected landholder	years with no issues raised to date. ers and the community. A regular flow of
standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting	There will be no impact or change to the comn Exploration has been conducted in this area by Community consultation has been initiated wit information will be provided, and any concerns 3-5  Negligible	Are further studies required on impacts or i	eyears with no issues raised to date.  ers and the community. A regular flow of mmediately.
standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to	There will be no impact or change to the comm Exploration has been conducted in this area by Community consultation has been initiated wit information will be provided, and any concerns 3-5 Negligible High	Are further studies required on impacts or mitigation?  What is the level of public concern?  Ranking of potential	eyears with no issues raised to date.  ers and the community. A regular flow of mmediately.  N/A
standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?	There will be no impact or change to the comm Exploration has been conducted in this area by Community consultation has been initiated wit information will be provided, and any concerns 3-5 Negligible High  Medium Resilience	Are further studies required on impacts or mitigation?  What is the level of public concern?  Ranking of potential significance	ers and the community. A regular flow of mmediately.  N/A  Low
standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?	There will be no impact or change to the comm Exploration has been conducted in this area by Community consultation has been initiated wit information will be provided, and any concerns 3-5 Negligible High  Medium Resilience  Yes	Are further studies required on impacts or mitigation?  What is the level of public concern?  Ranking of potential	ers and the community. A regular flow of mmediately.  N/A  Low
standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?	There will be no impact or change to the comm Exploration has been conducted in this area by Community consultation has been initiated wit information will be provided, and any concern:  3-5 Negligible High  Medium Resilience  Yes  Partly N/A  Economic Impacts: Any impacts which may affer	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re	ers and the community. A regular flow of mmediately.  N/A  Low  Low  anking
standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be mitigated?  Do the operations comply with standards, plans, policies?  Criteria	There will be no impact or change to the comm Exploration has been conducted in this area by Community consultation has been initiated wit information will be provided, and any concern:  3-5 Negligible High  Medium Resilience  Yes  Partly N/A  Economic Impacts: Any impacts which may affedecrease to net economic welfare.	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re	ers and the community. A regular flow of mmediately.  N/A  Low  Low  anking
standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be mitigated?  Do the operations comply with standards, plans, policies?  Criteria  Potential impacts	There will be no impact or change to the comm Exploration has been conducted in this area by Community consultation has been initiated wit information will be provided, and any concerns 3-5 Negligible High  Medium Resilience  Yes  Partly N/A  Economic Impacts: Any impacts which may affedecrease to net economic welfare. n/a	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re	ers and the community. A regular flow of mmediately.  N/A  Low  Low  anking
standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be mitigated?  Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls	There will be no impact or change to the comm Exploration has been conducted in this area by Community consultation has been initiated wit information will be provided, and any concern:  3-5 Negligible High  Medium Resilience  Yes  Partly N/A  Economic Impacts: Any impacts which may afforderease to net economic welfare. n/a n/a	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re	ers and the community. A regular flow of mmediately.  N/A  Low  Low  anking
standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be mitigated?  Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration	There will be no impact or change to the comm Exploration has been conducted in this area by Community consultation has been initiated wit information will be provided, and any concern:  3-5 Negligible High  Medium Resilience  Yes  Partly N/A  Economic Impacts: Any impacts which may affedecrease to net economic welfare. n/a n/a 3-5	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re	ers and the community. A regular flow of mmediately.  N/A  Low  Low  anking
standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be mitigated?  Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking	There will be no impact or change to the comm Exploration has been conducted in this area by Community consultation has been initiated wit information will be provided, and any concern:  3-5 Negligible High  Medium Resilience  Yes  Partly N/A  Economic Impacts: Any impacts which may affedecrease to net economic welfare. n/a n/a 3-5 Positive	Are further studies required on impacts or mitigation? What is the level of public concern? Ranking of potential significance Justification for re	ers and the community. A regular flow of immediately.  N/A  Low  Low  anking  ( positive or negative), including a
standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be mitigated?  Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration	There will be no impact or change to the comm Exploration has been conducted in this area by Community consultation has been initiated wit information will be provided, and any concern:  3-5 Negligible High  Medium Resilience  Yes  Partly N/A  Economic Impacts: Any impacts which may affedecrease to net economic welfare. n/a n/a 3-5	Are further studies required on potential significance  Justification for recent at a further studies required on impacts or mitigation?  What is the level of public concern?  Ranking of potential significance  Justification for recent ect economic activity  Are further studies required on impacts or	ers and the community. A regular flow of mmediately.  N/A  Low  Low  anking
standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be mitigated?  Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?	There will be no impact or change to the comm Exploration has been conducted in this area by Community consultation has been initiated wit information will be provided, and any concerns 3-5 Negligible High  Medium Resilience  Yes  Partly N/A  Economic Impacts: Any impacts which may affedecrease to net economic welfare. n/a n/a 3-5 Positive N/A	Are further studies required on potential significance  Justification for recent at affected landholdes will be addressed in a feet a further studies required on impacts or mitigation?  What is the level of public concern?  Ranking of potential significance  Justification for recent activity.	ers and the community. A regular flow of mmediately.  N/A  Low  Low  (positive or negative), including a
standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting impacts?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be mitigated?  Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Proposed management controls  Duration  Application ranking  What is the confidence in predicting	There will be no impact or change to the comm Exploration has been conducted in this area by Community consultation has been initiated wit information will be provided, and any concern:  3-5 Negligible High  Medium Resilience  Yes  Partly N/A  Economic Impacts: Any impacts which may affedecrease to net economic welfare. n/a n/a 3-5 Positive	Are further studies required on potential significance  Justification for recent at a further studies required on impacts or mitigation?  What is the level of public concern?  Ranking of potential significance  Justification for recent ect economic activity  Are further studies required on impacts or	ers and the community. A regular flow of immediately.  N/A  Low  Low  anking  ( positive or negative), including a

Can the impacts be mitigated?	N/A	Justification for ra	anking	
Do the operations comply with	N/A			
standards, plans, policies?				
Criteria	Economic Impacts: Any impacts that result in a decrease in the economic stability of the community.			
Potential impacts	LANDUSE			
1 Otential Impacts	The land is currently utilised for agricultural grazing purposes. The land use will not be changed during			
	after the proposed drilling works.			
	and the property animals are an			
Proposed management controls	n/a			
Duration	3-5			
Application ranking	Positive			
What is the confidence in predicting	High	Are further	N/A	
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 ra	anking	
Do the operations comply with	N/A			
standards, plans, policies?		l		
Criteria	Economic Impacts: Any impacts which result in	a change to the pub	olic sector revenue or expenditure base.	
Potential impacts	LANDUSE			
	The land is currently utilised for agricultural gra	zing purposes. The l	and use will not be changed during or	
	after the proposed drilling works.			
<del></del>	,			
Proposed management controls	n/a			
Duration	3-5			
Application ranking	Positive		1 21/2	
What is the confidence in predicting	High	Are further	N/A	
impacts?		studies		
		required on		
		impacts or mitigation?		
How resilient is the environment to	High Resilience	What is the	Low	
cope with impacts?	Trigit Nesilience	level of public	LOW	
cope with impacts:		concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
can the impacts be reversed.	163	potential	2011	
		significance		
Can the impacts be mitigated?	Fully	Justification for ra	anking	
Do the operations comply with	N/A			
standards, plans, policies?				
Criteria	Heritage Impacts: Any impacts on a locality, pla	ce, landscape, build	ing or archaeological relic of heritage	
	significance.			
Potential impacts	There are no listed heritage items, places, or are			
	AHIMS: No records. There is one tentatively pro	posed collar locate	d 110m from the Box Cowal.	
	HERITAGE: No records.			
Proposed management controls	n/a			
Duration Application replies	3-5			
Application ranking	Positive	٠ - المار ال	NI/A	
What is the confidence in predicting	High	Are further studies	N/A	
impacts?		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	LowResilience	What is the	Low	
cope with impacts?	LOWINGSHIEFICE	level of public	LOW	
cope with impacts:		concern?		
Can the impacts be reversed?	No	Ranking of	Low	
can the impacts be reversed:		potential	2011	
		significance		
Can the impacts be mitigated?	Partly	Justification for ra	anking	
the impacts be intigated:	11			

Do the operations comply with standards, plans, policies?	Yes			
Criteria	Aesthetic Impacts: Any impacts on the visual or scenic landscape, including lighting, venting or flaring of gas			
Potential impacts	The proposed drilling will be of short duration and no night works are proposed so no disturbance from			
	lights. One homestead within the approval area	, no drilling will be	undertaken within 400m of the property.	
Proposed management controls	No drilling within 400m of homestead.			
Duration	3-5			
Application ranking	Negligible	Are further	T	
What is the confidence in predicting	High	N/A		
impacts?		studies required on		
		impacts or		
		mitigation?		
How resilient is the environment to	High Resilience	What is the	Low	
cope with impacts?		level of public		
		concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
		potential		
Can the impacts he mitigated?	Partly	significance Justification for r	anking	
Can the impacts be mitigated?  Do the operations comply with	N/A	Justification for f	anking	
standards, plans, policies?	N/A			
Criteria	Aesthetic Impacts: Areas or items of high aesthe	etic or scenic value.		
Potential impacts	The proposed drilling will be of short duration a	nd no night works a	are proposed so no disturbance from	
• ***	lights. One homestead within the approval area	•	·	
Proposed management controls	No drilling within 400m of homestead.			
Duration	3-5			
Application ranking	Negligible			
What is the confidence in predicting	High	Are further	N/A	
impacts?		studies		
		required on impacts or		
		mitigation?		
How resilient is the environment to	High Resilience	What is the	Low	
cope with impacts?	0 11 11	level of public		
		concern?		
Can the impacts be reversed?	No	Ranking of	Low	
		potential		
Con the important and initiated	rll.	significance		
Can the impacts be mitigated?  Do the operations comply with	Fully N/A	Justification for r	anking	
standards, plans, policies?	N/A			
Criteria	Cultural Impacts: Any disturbance of the ground	ı I surface or any cult	curally modified trees (e.g. a scar tree).	
Potential impacts	There are no recorded aboriginal objects or place			
p	conducted.		gp.	
	AHIMS: No records. There is one tentatively pro	posed collar locate	d 110m from the Box Cowal.	
Proposed management controls	Even though no recorded Aboriginal Sites are w		, 0	
	staff will inform the management team who wil		•	
	Heritage NSW preferred method of recording).		,	
	around it. Any concerns regarding new sites and NSW on 02 9873 8500.	a working in the are	a will be raised directly with heritage	
Duration	3-5			
Application ranking	Positive			
What is the confidence in predicting	High	Are further	N/A	
impacts?		studies		
		required on		
		impacts or		
Harring all the state of the st	Law-Davilianas	mitigation?	D.A. o. discore	
How resilient is the environment to	LowResilience	What is the	Medium	
cope with impacts?		level of public concern?		
Can the impacts be reversed?	No	Ranking of	Medium	
can the impacts be reversed:		potential		
		significance		
Can the impacts be mitigated?	Partly	Justification for r	anking	
Do the operations comply with	N/A	Displacement or o	destruction aboriginal of objects or places.	
standards, plans, policies?				
Criteria	Cultural Impacts: Any impacts on known Aborig	inal objects or Abor	iginal places.	

Potential impacts	There are no recorded aboriginal objects or place	ces within the propo	osed drilling area as per the AHIMS search	
	conducted.  AHIMS: No records. There is one tentatively proposed collar located 110m from the Box Cowal.			
Proposed management controls	Even though no recorded Aboriginal Sites are within the area, should any new Aboriginal sites be discovered staff will inform the management team who will record the information on the AHIMS Mobile APP (which is Heritage NSW preferred method of recording). This site would then be avoided by placing a 30m buffer around it. Any concerns regarding new sites and working in the area will be raised directly with Heritage NSW on 02 9873 8500.			
Duration	3-5			
Application ranking	Positive			
What is the confidence in predicting	High	Are further	N/A	
impacts?				
How resilient is the environment to cope with impacts?	LowResilience	mitigation? What is the level of public concern?	Medium	
Can the impacts be reversed?	No	Ranking of potential significance	High	
Can the impacts be mitigated?	Partly	Justification for r	anking	
Do the operations comply with	N/A		destruction of Aboriginal objects or	
standards, plans, policies?	N/A	Aboriginal places.	9 ,	
Criteria	Cultural Impacts: Affects areas where the lands			
	objects.			
Potential impacts	There are two named watercourses on the eastern and western periphery of this drilling area, the Bogan River and Box Cowal. No drilling will be conducted within 200m of this river. There is one collar tentatively proposed 110m from Box Cowal which only hosts running water in times of excessive rainfall / flood in the region. There are no other landscape features as listed above.			
Proposed management controls	Even though no recorded Aboriginal Sites are within the area, should any new Aboriginal sites be discove staff will inform the management team who will record the information on the AHIMS Mobile APP (which Heritage NSW preferred method of recording). This site would then be avoided by placing a 30m buffer around it. Any concerns regarding new sites and working in the area will be raised directly with Heritage NSW on 02 9873 8500.			
Duration	3-5			
Application ranking	Positive			
What is the confidence in predicting impacts?	High	Are further studies required on impacts or		
How resilient is the environment to	LowResilience	mitigation? What is the	Medium	
cope with impacts?	Lownesinence	level of public concern?	Wedium	
Can the impacts be reversed?	No	Ranking of potential significance	Medium	
Can the impacts be mitigated?	Partly	Justification for r	anking	
Do the operations comply with	N/A		destruction of Aboriginals objects.	
standards, plans, policies? Criteria	Cultural Impacts: Affects areas subject to native title claims, indigenous land use agreements or joint management arrangements.			
Potential impacts	The proposed drilling area is not within an area where native title may exist. All drilling is proposed on Freehold land and not within parcels of Crown Land.  Register of Native Title Claims			
Proposed management controls	Even though no recorded Aboriginal Sites are within the area, should any new Aboriginal sites be discovered staff will inform the management team who will record the information on the AHIMS Mobile APP (which is Heritage NSW preferred method of recording). This site would then be avoided by placing a 30m buffer around it. Any concerns regarding new sites and working in the area will be raised directly with Heritage NSW on 02 9873 8500.			
Duration	3-5			
Application ranking	Positive			
What is the confidence in predicting impacts?	High	Are further studies required on	N/A	
		impacts or mitigation?		

How resilient is the environment to	Medium Resilience	What is the	Low	
cope with impacts?		level of public		
		concern?		
Can the impacts be reversed?	N/A	Ranking of	Low	
		potential		
		significance		
Can the impacts be mitigated?	N/A	Justification for ra	anking	
Do the operations comply with	N/A			
standards, plans, policies?				
Criteria	Cultural Impacts: Impacts on Aboriginal commu	nities or areas subje	ect to land rights claims.	
Potential impacts	There are no recorded aboriginal objects or place	inal objects or places within the proposed drilling area as p		
	conducted.			
	There is one tentatively proposed collar located	c Cowal.		
Proposed management controls	Even though no recorded Aboriginal Sites are within the area, should any new Aboriginal site staff will inform the management team who will record the information on the AHIMS Mobi Heritage NSW preferred method of recording). This site would then be avoided by placing a			
	around it. Any concerns regarding new sites and NSW on 02 9873 8500.		,	
Duration	3-5			
Application ranking	Positive			
What is the confidence in predicting	High	Are further	N/A	
impacts?		studies	147.1	
		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	LowResilience	What is the	Medium	
cope with impacts?		level of public		
		concern?		
Can the impacts be reversed?	No	Ranking of	Low	
,		potential		
		significance		
Can the impacts be mitigated?	No	Justification for ra	anking	
Do the operations comply with	N/A			
standards, plans, policies?				
Criteria	Cultural Impacts: Impacts on areas or items of heritage, historical, recreational or scientific val		, archaeological, architectural, cultural,	
Potential impacts	There are no recorded aboriginal objects or place	ces within the propo	osed drilling area as per the AHIMS search	
	conducted.			
	AHIMS: No records. There is one tentatively pro	posed collar locate	d 110m from the Box Cowal.	
	HERITAGE: No records.			
	PROJECT 3km north from Nyngan			
Proposed management controls	Even though no recorded Aboriginal Sites are w	•	,	
	staff will inform the management team who wil		,	
	Heritage NSW preferred method of recording).			
	around it. Any concerns regarding new sites and	d working in the are	a will be raised directly with Heritage	
	NSW on 02 9873 8500.			
Duration	3-5			
Application ranking	Positive			
What is the confidence in predicting	High	Are further	N/A	
impacts?		studies		
		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	LowResilience	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 ra	anking	
Do the operations comply with	N/A			
standards, plans, policies?				
Criteria	Land Use Impacts: Any major changes in land us	se, including curtailr	ment of other beneficial land uses.	

Potential impacts	LANDUSE The land is currently utilised for agricultural grazing purposes. The land use will not be changed during or after the proposed drilling works.  Earthworks and vegetation clearance is not required for this drilling program. Sites are relatively flat and open.  Drill pad areas, affecting approximately 10 x 20m may require minor clearing of grass from the surface, should this be necessary care will be taken to ensure to leave root stock to enable existing vegetation regrowth.  REHABILITATION The drillhole will be backfilled and rehabilitated in accordance with the requirements of the Exploration Cod of Practice – Rehabilitation. The top of the hole will be backfilled with surface soil and topsoil. Above ground sumps will be emptied, and contents disposed of at a suitable facility.  DISTURBANCE 600sqm for application 3 EDH proposed. ROCCs included.			
Proposed management controls	Return to pre-existing landuse.			
Duration	3-5			
Application ranking	Positive			
What is the confidence in predicting	High	Are further	No	
impacts?	піві	studies required on impacts or mitigation?	NO	
How resilient is the environment to cope with impacts?	Medium Resilience	What is the level of public concern?	Low	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Partly	Justification for r	anking	
Do the operations comply with standards, plans, policies?	Yes		. 0	
Criteria	Transportation Impacts: Substantial impacts on alter present patterns of circulation or moveme		tion systems (road, rail, pedestrian) which	
Potential impacts	There will be no significant impact on transport	ation from a small t	emporary drilling program	
Proposed management controls	ACCESS  Access to proposed drilling locations will be along station tracks and along the edges of paddocks if necessary, in line with relevant landholder specifications. No new tracks are required to be constructed Equipment will comprise a diamond drilling rig and support vehicles. A light vehicle will also be used by field technician and geologist.			
Duration	3-5			
Application ranking	Positive			
What is the confidence in predicting	High	Are further	N/A	
impacts?		studies required on impacts or mitigation?		
How resilient is the environment to cope with impacts?	High Resilience	What is the level of public concern?	Low	
Can the impacts be reversed?	Yes	Ranking of potential significance	Low	
Can the impacts be mitigated?	Partly	Justification for r	anking	
Do the operations comply with standards, plans, policies?	Yes			
Criteria	Transportation Impacts: Impacts associated wit	h direct or indirect	additional traffic.	
Potential impacts				
Proposed management controls	There will be no significant impact on transportation from a small temporary drilling program  ACCESS  Access to proposed drilling locations will be along station tracks and along the edges of paddocks if necessary, in line with relevant landholder specifications. No new tracks are required to be constructed. Equipment will comprise a diamond drilling rig and support vehicles. A light vehicle will also be used by the field technician and geologist.			
Duration	3-5			
Application ranking	Positive			

What is the confidence in predicting	High	Are further	N/A		
impacts?		studies			
		required on			
		impacts or			
		mitigation?			
How resilient is the environment to	Medium Resilience	What is the	Low		
cope with impacts?		level of public			
		concern?			
Can the impacts be reversed?	Yes	Ranking of	Low		
		potential			
		significance			
Can the impacts be mitigated?	Partly	Justification for r	anking		
Do the operations comply with	Yes				
standards, plans, policies?					
Criteria	Consistency with applicable local strategic plan	Consistency with applicable local strategic planning statements, regional strategic plans or district strategic			
	plans.				
Potential impacts	The drilling area is classified as terrestrial biodiv	The drilling area is classified as terrestrial biodiversity under the Bogan LEP 2011. The temporary drilling			
	program is not anticipated to have adverse imp		·		
	1	to the Bogan area Terrestrial Biodiversity are attached to the APO.			
	Bogan Local Environmental Plan 2011 - NSW Legislation- Condition 7.4 Terrestrial Biodiversity				
	The majority of the drilling area is recorded wit	•	· · · · · · · · · · · · · · · · · · ·		
	moderate, high sensitivity and also unclassified				
	wooded/ vegetated areas around the watercou		•		
	predominantly the paddocks where proposed d	-			
	proposed within the paddocks and no vegetation to be damaged, therefore is not anticipated to have adverse impacts on the flora and fauna.				
Proposed management controls	Works occur only during dry season. Limit vehicle movement and stick to tracks where possible. Drive slowly				
	on tracks. Undertake rehabilitation as soon as p				
	site, but otherwise prior to APO expiry. Strong knowledge of the area and good relationships with landholders will ensure rehabilitation methods are undertaken efficiently and effectively.  Ensure all staff and contractors maintain high standards of work and care for the environment.				
	All rubbish and equipment removed from site as soon as practicable.				
Duration	3-5				
Application ranking	Negligible		I		
What is the confidence in predicting	High	Are further	N/A		
impacts?		studies			
		required on			
		impacts or			
		mitigation?			
How resilient is the environment to	Medium Resilience	What is the	Medium		
cope with impacts?		level of public			
		concern?			
Can the impacts be reversed?	Yes	Ranking of	Medium		
		potential			
		significance			
Can the impacts be mitigated?	Partly	Justification for ranking			
Do the operations comply with	Yes	Impact on Biodive	ersity.		
standards, plans, policies?		[			
Criteria	Matters of National Environmental Significance: Impacts on MNES under the Commonweal				
	Protection and Biodiversity Conservation Act 1999:				

7 Listed Migratory Socies. Of the 27 threatends species the Curlew Sandpiper, Swift Parrota, Plains Wanderer and the Silver Perch ar considered to be critically endangered (the link in the MNES states the Curlew Sandpiper, Swift Parrot an Plains Wanderer to be endangered and not critical specifically for NSW, and the Silver Perch is recorded a Vulnerable).  There are no critically endangered listings in the threatened ecological communities category, all four are classified as endangered. Coolibah, Grey Box, Poplar Box Grassy Woodland and Weeping Myall Woodland The 7 listed migratory species has the Curlew Sandpiper listed as critically endangered – however the link this species differs stating for NSW this is endangered.  The temporary proposed drilling activities will be undertaken with due care within cropping and/or grazin paddocks, will not be undertaken in periods of wer ground conditions, do not need to affect any vegetatic and as such adverse affects to the flora and fauna are not anticipated.  The folloket Search has listed threatened species in the areas around the proposed drilling location and should not be adversely impacted with the proposed works. Major Mitchels Cockatoo is listed as vulneral and protected and was sighted in 2001 with no accurate location details.  Note that Black Box woodland wetland on NSW central and northern floodplains including the Darling Riverine Plains Bioregion and Brigalow Bell South Bioregion is listed endangered in MNES and mapped with exploration area proposed.  Proposed management controls  Agricultural properties that have already been cleared were selected for this drilling program to significant reduce the risk of impacting threatened ecological communities, threatened species and threatened migratory species. Vegetation is not to be cleared as part of the program therefore not damaging threatened ecological communities. Threatened ecological communities are instructed to not interact with wildlife or vegetation during the drilling activities.  Potential impacts						
Note that Black Box woodland wetland on NSW central and northern floodplains including the Darling Riverine Palans Bloregion and Brigalow Belt South Bloregion is listed endangered in MNES and mapped wie exploration area proposed.  Proposed management controls  Agricultural properties that have already been cleared were selected for this drilling program to significan reduce the risk of impacting threatened ecological communities, threatened singingatory species.  Vegetation is not to be cleared as part of the program therefore not damaging threatened ecological communities, and the habitats of threatened species and threatened migratory species.  Crews are instructed to not interact with wildlife or vegetation during the drilling activities.  Application ranking  What is the confidence in predicting impacts?  How resillent is the environment of cope with impacts?  Can the impacts be reversed?  No  Ranking of potential significance  Can the impacts be environment of the program therefore not damaging the administration of the public concern?  No  Ranking of Medium potential significance  Criteria  Criteria  Criteria  ANDUSE  ANDUSE  The land is currently utilised for agricultural grazing purposes. The land use will not be changed during or after the proposed drilling works.  Earthworks and vegetation clearance is not required for this drilling program. Sites are relatively flat and oppen.  Drill pad areas, affecting approximately 10 x 20m may require minor clearing of grass from the surface, should this be necessary care will be taken to ensure to leave root stock to enable existing vegetation of Practice - Rehabilitation. The top of the hole will be backfilled and rehabilitated in accordance with the requirements of the Exploration of Practice - Rehabilitation. The top of the hole will be backfilled and rehabilitated in accordance with the requirements of the Exploration of Practice - Rehabilitation. The top of the hole will be backfilled and rehabilitated in accordance with the requirements of the Exploration	Potential impacts	Of the 27 threatened species the Curlew Sandpiper, Swift Parrot, Plains Wanderer and the Silver Perch are considered to be critically endangered (the link in the MNES states the Curlew Sandpiper, Swift Parrot and Plains Wanderer to be endangered and not critical specifically for NSW, and the Silver Perch is recorded as Vulnerable).  There are no critically endangered listings in the threatened ecological communities category, all four are classified as endangered; Coolibah, Grey Box, Poplar Box Grassy Woodland and Weeping Myall Woodlands. The 7 listed migratory species has the Curlew Sandpiper listed as critically endangered – however the link to this species differs stating for NSW this is endangered.  The temporary proposed drilling activities will be undertaken with due care within cropping and/or grazing paddocks, will not be undertaken in periods of wet ground conditions, do not need to affect any vegetation and as such adverse affects to the flora and fauna are not anticipated.  The BioNet Search has listed threatened species in the areas around the proposed drilling location and these should not be adversely impacted with the proposed works. Major Mitchells Cockatoo is listed as vulnerable				
Agricultural properties that have already been cleared were selected for this drilling program to significant frequency and the program to significant frequency and the program therefore not damaging threatened species, and threatened migratory species.  Vegetation is not to be cleared as part of the program therefore not damaging threatened ecological communities and the habitats of threatened species and threatened migratory species.  Crews are instructed to not interact with wildlife or vegetation during the drilling activities.  Application ranking  What is the confidence in predicting impacts?  High  Are further studies required on impacts or mitigation?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  Can the impacts be reversed?  Can the impacts be mitigated?  Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  LANDUSE  LANDUSE  LANDUSE  Landusitive impacts: Cumulative environmental effects with other existing or likely future activities.  Lardusitive impacts: Cumulative environmental effects with other existing or likely future activities.  Lardusitive impacts are relatively flat and open.  Drill pad areas, affecting approximately 10 x 20m may require minor clearing of grass from the surface, should this be necessary care will be taken to ensure to leave root stock to enable existing vegetation regrowth.  REHABILITATION The drillhole will be backfilled and rehabilitated in accordance with the requirements of the Exploration C of Practice—Rehabilitation. The top of the hole will be backfilled with surface soil and topsoil. Above growths.  Beturn to pre-existing landuse.  Als. level 1  Reviewed by RR on 16/4/2024- No issues detected.  "Proposed exploration activities will not impact either agricultural resources or local enterprises with activities expected to take approximately 3-5 weeks to complete (should all 3 holes be drilled)."		Note that Black Box woodland wetland on NSW central and northern floodplains including the Darling Riverine Plains Bioregion and Brigalow Belt South Bioregion is listed endangered in MNES and mapped within				
Duration   3-5   Negligible	Proposed management controls	Agricultural properties that have already been cleared were selected for this drilling program to significantly reduce the risk of impacting threatened ecological communities, threatened species, and threatened migratory species.  Vegetation is not to be cleared as part of the program therefore not damaging threatened ecological communities and the habitats of threatened species and threatened migratory species.				
What is the confidence in predicting impacts?  High Studies required on impacts or mitigation?  How resilient is the environment to cope with impacts?  Can the impacts be reversed?  No Ranking of potential significance  Can the impacts be mitigated?  Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  Ciriteria  Potential impacts  LANDUSE  The land is currently utilised for agricultural grazing purposes. The land use will not be changed during or after the proposed drilling works.  Earthworks and vegetation clearance is not required for this drilling program. Sites are relatively flat and open.  Drill pad areas, affecting approximately 10 x 20m may require minor clearing of grass from the surface, should this be necessary care will be taken to ensure to leave root stock to enable existing vegetation regrowth.  REHABILITATION The drillinole will be backfilled and rehabilitated in accordance with the requirements of the Exploration C of Practice – Rehabilitation. The top of the hole will be backfilled with surface soil and topsoil. Above grous sumps will be emptied, and contents disposed of at a suitable facility.  DISTURBANCE 600sgm for application 3 EDH proposed. ROCCs included.  Proposed management controls  Return to pre-existing landuse. AIS-level 1  Reviewed by RR on 16/4/2024- No issues detected.  "Proposed exploration activities will not impact either agricultural resources or local enterprises with activities expected to take approximately 3-5 weeks to complete (should all 3 holes be drilled)."	Duration					
How resilient is the environment to cope with impacts?   LowResilience   What is the level of public concern?	Application ranking	Negligible				
Constitution   Cons		High	studies required on impacts or	No		
Can the impacts be mitigated?  Do the operations comply with standards, plans, policies?  Criteria  Cumulative Impacts: Cumulative environmental effects with other existing or likely future activities.  LANDUSE The land is currently utilised for agricultural grazing purposes. The land use will not be changed during or after the proposed drilling works. Earthworks and vegetation clearance is not required for this drilling program. Sites are relatively flat and open. Drill pad areas, affecting approximately 10 x 20m may require minor clearing of grass from the surface, should this be necessary care will be taken to ensure to leave root stock to enable existing vegetation regrowth.  REHABILITATION The drillhole will be backfilled and rehabilitated in accordance with the requirements of the Exploration C of Practice — Rehabilitation. The top of the hole will be backfilled with surface soil and topsoil. Above grous sumps will be emptied, and contents disposed of at a suitable facility.  DISTURBANCE 600sqm for application 3 EDH proposed. ROCCs included.  Proposed management controls  Return to pre-existing landuse. AIS- level 1 Reviewed by RR on 16/4/2024- No issues detected. "Proposed exploration activities will not impact either agricultural resources or local enterprises with activities expected to take approximately 3-5 weeks to complete (should all 3 holes be drilled)."		LowResilience	What is the level of public	Medium		
Do the operations comply with standards, plans, policies?  Criteria  Potential impacts  LANDUSE The land is currently utilised for agricultural grazing purposes. The land use will not be changed during or after the proposed drilling works.  Earthworks and vegetation clearance is not required for this drilling program. Sites are relatively flat and open.  Drill pad areas, affecting approximately 10 x 20m may require minor clearing of grass from the surface, should this be necessary care will be taken to ensure to leave root stock to enable existing vegetation regrowth.  REHABILITATION The drillhole will be backfilled and rehabilitated in accordance with the requirements of the Exploration C of Practice — Rehabilitation. The top of the hole will be backfilled with surface soil and topsoil. Above grous sumps will be emptied, and contents disposed of at a suitable facility.  DISTURBANCE 600sqm for application 3 EDH proposed. ROCCs included.  Proposed management controls  Return to pre-existing landuse. AIS- level 1 Reviewed by RR on 16/4/2024- No issues detected. "Proposed exploration activities will not impact either agricultural resources or local enterprises with activities expected to take approximately 3-5 weeks to complete (should all 3 holes be drilled)."	Can the impacts be reversed?	No	potential	Medium		
Criteria  Cumulative Impacts: Cumulative environmental effects with other existing or likely future activities.  LANDUSE The land is currently utilised for agricultural grazing purposes. The land use will not be changed during or after the proposed drilling works.  Earthworks and vegetation clearance is not required for this drilling program. Sites are relatively flat and open.  Drill pad areas, affecting approximately 10 x 20m may require minor clearing of grass from the surface, should this be necessary care will be taken to ensure to leave root stock to enable existing vegetation regrowth.  REHABILITATION The drillhole will be backfilled and rehabilitated in accordance with the requirements of the Exploration C of Practice – Rehabilitation. The top of the hole will be backfilled with surface soil and topsoil. Above grous sumps will be emptied, and contents disposed of at a suitable facility.  DISTURBANCE 600sqm for application 3 EDH proposed. ROCCs included.  Proposed management controls  Return to pre-existing landuse.  AIS- level 1 Reviewed by RR on 16/4/2024- No issues detected.  "Proposed exploration activities will not impact either agricultural resources or local enterprises with activities expected to take approximately 3-5 weeks to complete (should all 3 holes be drilled)."	Can the impacts be mitigated?	Partly	Justification for r	anking		
Potential impacts  LANDUSE The land is currently utilised for agricultural grazing purposes. The land use will not be changed during or after the proposed drilling works.  Earthworks and vegetation clearance is not required for this drilling program. Sites are relatively flat and open.  Drill pad areas, affecting approximately 10 x 20m may require minor clearing of grass from the surface, should this be necessary care will be taken to ensure to leave root stock to enable existing vegetation regrowth.  REHABILITATION The drillhole will be backfilled and rehabilitated in accordance with the requirements of the Exploration C of Practice – Rehabilitation. The top of the hole will be backfilled with surface soil and topsoil. Above grous sumps will be emptied, and contents disposed of at a suitable facility.  DISTURBANCE 600sqm for application 3 EDH proposed. ROCCs included.  Proposed management controls  Return to pre-existing landuse. AIS-level 1 Reviewed by RR on 16/4/2024- No issues detected.  "Proposed exploration activities will not impact either agricultural resources or local enterprises with activities expected to take approximately 3-5 weeks to complete (should all 3 holes be drilled)."	standards, plans, policies?		·			
The land is currently utilised for agricultural grazing purposes. The land use will not be changed during or after the proposed drilling works.  Earthworks and vegetation clearance is not required for this drilling program. Sites are relatively flat and open.  Drill pad areas, affecting approximately 10 x 20m may require minor clearing of grass from the surface, should this be necessary care will be taken to ensure to leave root stock to enable existing vegetation regrowth.  REHABILITATION  The drillhole will be backfilled and rehabilitated in accordance with the requirements of the Exploration C of Practice – Rehabilitation. The top of the hole will be backfilled with surface soil and topsoil. Above grousumps will be emptied, and contents disposed of at a suitable facility.  DISTURBANCE 600sqm for application 3 EDH proposed. ROCCs included.  Proposed management controls  Return to pre-existing landuse. AIS- level 1 Reviewed by RR on 16/4/2024- No issues detected.  "Proposed exploration activities will not impact either agricultural resources or local enterprises with activities expected to take approximately 3-5 weeks to complete (should all 3 holes be drilled)."		'	effects with other existing or likely future activities.			
AIS- level 1 Reviewed by RR on 16/4/2024- No issues detected.  "Proposed exploration activities will not impact either agricultural resources or local enterprises with activities expected to take approximately 3-5 weeks to complete (should all 3 holes be drilled)."	Potential impacts	The land is currently utilised for agricultural grazing purposes. The land use will not be changed during or after the proposed drilling works.  Earthworks and vegetation clearance is not required for this drilling program. Sites are relatively flat and open.  Drill pad areas, affecting approximately 10 x 20m may require minor clearing of grass from the surface, should this be necessary care will be taken to ensure to leave root stock to enable existing vegetation regrowth.  REHABILITATION  The drillhole will be backfilled and rehabilitated in accordance with the requirements of the Exploration Code of Practice — Rehabilitation. The top of the hole will be backfilled with surface soil and topsoil. Above ground sumps will be emptied, and contents disposed of at a suitable facility.  DISTURBANCE  600sqm for application 3 EDH proposed. ROCCs included.				
Duration 3-5	Proposed management controls	AIS- level 1 Reviewed by RR on 16/4/2024- No issues detected. "Proposed exploration activities will not impact either agricultural resources or local enterprises with				
Paration 33	Duration	3-5				
Application ranking Positive						

What is the confidence in predicting	High	Are further	No	
impacts?		studies		
		required on		
		impacts or		
		mitigation?		
How resilient is the environment to	Medium Resilience	What is the	Low	
cope with impacts?		level of public		
		concern?		
Can the impacts be reversed?	Yes	Ranking of	Low	
		potential		
		significance		
Can the impacts be mitigated?	Partly	Justification for r	Justification for ranking	
Do the operations comply with	Yes			
standards, plans, policies?				

FORM: Brief NonCEA (v3.4)

<sup>©</sup> State of New South Wales through Regional NSW 2023. The information contained in this publication is based on knowledge and understanding at the time of writing March, 2023. However, because of advances in knowledge, users are reminded of the need to ensure that the information upon which they rely is up to date and to check the currency of the information with the appropriate officer of the Regional NSW or the user's independent adviser.