

APO0001747

## Approval to undertake assessable prospecting operations

Sir Lancelot

6 May 2024

## Application summary

Detail	Application
Reference	APO0001747
Date of approval	6 May 2024
Title	EL 7355 (1992)
Contact	[REDACTED]
Project name	Sir Lancelot
Project location	Nymagee
Activity type	Complying exploration activity

## Important note

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## Project

### Project details

Assessable prospecting activity APO0001747 relates to the Sir Lancelot at Nymagee.

The project has the following approved characteristics.

Detail	Proposal
Activity description	Drill hole collar location will be pegged with pre-drilling site photos taken. Existing farm access tracks will be repaired to allow access to drill rig and ancillary vehicles. The drill site will be levelled using a front-end loader or equivalent. The site will be set up with small footprint track-mounted LM90 diamond drill rig, rod handling equipment, 2-3 above-ground sumps (tanks) and access for refueling trailer, water truck and/or vacuum truck. Rehabilitation will commence immediately after the drill rig moves off each site with post-drilling photos taken. The following rehab work will follow the Exploration Code of Practice: Rehabilitation and be undertaken in consultation with the Aurelia Metals environment team.
Earthworks or vegetation clearing	Minimal earthworks will involve removing regrowth and minor levelling of existing access tracks and levelling of the drill pads adjacent to track.
Access to exploration activities	The drill sites will be accessed by existing farm tracks on Ironbark property. The existing tracks will be leveled to remove any scrub regrowth and/or level any rough/rutted sections.
Ancillary activities	None.
Anticipated start date	1 June 2024
Expected duration (weeks)	4 weeks
Expected rehabilitation completion date	1 June 2025

Detail	Proposal
Proposed hours of operation	Continuous work hours (24 hours a day, 7 days a week).
On-site employee or contractor numbers	3

## Exempted areas

The Sir Lancelot has not proposed prospecting in an exempted area.

## State conservation areas

The Sir Lancelot has not proposed prospecting in a State Conservation Area.

## Site description and existing environment

### The project comprises the following existing land uses:

The exploration activity will be conducted on a large Western Land Lease grazing property. Stock typically grazed may include goats, sheep or cattle. There will be no impact on the existing land use by the proposed activities.

### The project is located near the following sensitive receptors:

There are no sensitive receptors in a 5km radius around the proposed activity. The activity will be located 12km south east from the small village of Nymagee. The population in 2021 was recorded as 96 people and 50 private dwellings.

### The project is located with the following soil types and properties:

The soils are classified as “Kandosols”. Kandosols are non texture contrast soils (with little or gradual increase in clay content with depth) that have massive (i.e. weakly to non structured) subsoils (B horizons). Kandosols are soils without a strong increase in clay content between topsoil and subsoil, without strong structure in the subsoil, and which are not calcareous. They generally have a sandy to loamy-surface soil, grading to porous sandy-clay subsoils with low fertility and poor water-holding capacity. These soils have negligible (rudimentary) pedological organisation apart from the minimal development of an A1 horizon or the presence of less than 10% of B horizon material (including pedogenic carbonate) in fissures in the parent rock or saprolite. The soils are apedal or only weakly structured in the A1 horizon and show no pedological colour change apart from darkening of an A1 horizon. Generally, Kandosols have low to moderate agricultural potential with moderate chemical fertility and water-holding capacity. Kandosols are prone to erosion if disturbed. Parent material of Kandosols ranges from highly siliceous, siliceous to intermediate in composition. These soils are found in poorly drained sites (yellow and grey kandosol) with rainfall between 300mm and 1400mm and in well-drained sites (brown and red kandosol) with rainfall between 250mm and 1400mm. There are no acid sulfate soils in the exploration area. Acid sulfate soils occur naturally in both coastal and inland settings where waterlogged conditions with sufficient organic matter, iron and sulfate is, or has previously been, present.

### The project has the following existing surface water sources in the area that are likely to be affected by the activity:

Publicly available topographic data presented suggest that auger holes are to be drilled in proximity to drainage lines, noting that these features are second and third order streams and drainage lines, with rare seasonal flow. The position of these features in the available topographic data is very approximate. The drill sites are at least 100m distant from any ephemeral watercourse or drainage line. Vehicle access through drainage lines will only be completed along existing farm tracks and areas of low slope to avoid excess damage and disturbance to the

soil profile. Due to the nature of the exploration activity and proposed minimal level of disturbance, minimal impact to surface water usage, sources, storage and disposal/reuse is foreseen.

**The project has the following existing groundwater sources that occur in the area that are likely to be affected by the activity:**

No ground water sources will be affected by the activity.

**The project is in an area with the following topography, vegetation cover type, density and condition:**

All proposed diamond drill holes are located on areas of land previously cleared for livestock grazing within class 89 Inland Rocky Hill woodlands topography, formation 14 semi-arid woodlands (Shrubby subformation) vegetation.

**The project will impact the following matters of national environmental significance:**

No matters of national environmental significance will be impacted by the activity.

**The project is in an area with the following threatened species, ecological communities (or habitats):**

There are 101 threatened species in the Nymagee IRBA sub-region as listed in the website <https://www.environment.nsw.gov.au/threatenedSpecies>.

**The project is in an area with the following historic cultural or natural heritage items:**

There are no historic cultural or natural heritage items in the heritage lists and registers that may be impacted by the activity.

**The project is in an area with the following critical habitat/area of outstanding biodiversity value:**

There are no critical habitats or areas of outstanding biodiversity value that are likely to be affected by the activity.

**The project is located in an area with the following location, type and distance to the nearest Aboriginal heritage sites:**

There is no Aboriginal cultural heritage is likely to be affected by the activity, as listed on the AHIMS register. Is the proposed activity: • within 200 metres of waters - No • located within a sand dune system - No • located on a ridge top, ridge line or headland - No • located within 200 metres below or above a cliff face -No • within 20 metres of or in a cave, rock shelter, or a cave mouth and is on land that is not disturbed land -No

## Exploration activities

The following exploration activities have been approved.

### Drill holes

Id/ Regulator no.	Type	Surface disturbance (m <sup>2</sup> )	Veg. Clearing (m <sup>2</sup> )	Excavations (m <sup>3</sup> )	Produced water (ml)	Depth (m)	Block number	Unit letters
LNDD003 EDH00150 39	DDH drill hole	400				500	102	g
LNDD004 EDH00150 40	DDH drill hole	400				500	102	f
LNDD001 EDH00150 30	DDH drill hole	400				500	102	g

Id/ Regulator no.	Type	Surface disturbance (m <sup>2</sup> )	Veg. Clearing (m <sup>2</sup> )	Excavations (m <sup>3</sup> )	Produced water (ml)	Depth (m)	Block number	Unit letters
LNDD002 EDH00150 31	DDH drill hole	400				500	102	f

## Other exploration activities

Id/ Regulator no.	Type	Surface disturbance (m <sup>2</sup> )	Veg. Clearing (m <sup>2</sup> )	Excavations (m <sup>3</sup> )	Produced water (ml)	Block number	Unit letters
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## Impact management

### The project includes the following measures to manage surface water impacts:

Water for drilling will be sourced from nearby farm tanks/dams and transported by water truck or pumped via agricultural pipeline. Drilling water will be stored in above ground sumps and water trucks only. The drill sites are located at least 100m from any watercourse (ephemeral only) or drainage line.

### The project includes the following measures to manage groundwater impacts:

During drilling, any produced water and drill cuttings will be stored at the drill site in above-ground sumps. At hole completion any remaining water will be pumped back down the drill hole and/or transported to Hera mine tailings facility for storage.

### The project includes the following measures to manage waste and excess materials:

Diamond drill cuttings will be pumped back down the drillhole or transported to Hera mine tailings facility for storage. Waste materials (e.g. drilling consumables) will be taken for disposal in the Hera mine waste stream.

### The project includes the following measures regarding the handling, use, storage and transportation of any chemicals and hydrocarbons:

Industry standard biodegradable polymers will be used as necessary in drill muds. Any hydrocarbons will be stored on banded pallets or on vehicles with sumps. The drill-rig will be underlaid with plastic sheeting to contain material from any fluid leaks.

### The project includes the following measures of how noise impacts will be managed to minimise impacts on nearby sensitive receptors:

The drill sites are located remote to any residence or populated centre. Noise is not expected to have any impact on local accommodation, business or agricultural activities.

### The project includes the following measures to manage air quality impacts:

The mechanical drilling equipment includes diesel engines which are rated for mine site compliance. The work is to be carried out in open sites to allow any exhaust gases to easily dissipate. Minimal dust will be generated, and only from vehicle movements on unsealed roads and farm tracks.

## Sensitivity of the land to be disturbed

Question	Yes/no
<b>Conservation areas</b>	
Land reserved under the <i>National Parks and Wildlife Act 1974</i> ?	No
Land acquired by the Minister under Part 11 of the <i>National Parks and Wildlife Act 1974</i> ?	No

Question	Yes/no
Land subject to a 'conservation agreement' under the <i>National Parks and Wildlife Act 1974</i> and/or the <i>Biodiversity Conservation Act 2016</i> ?	No
Land declared as an aquatic reserve under the <i>Marine Estate Management Act 2014</i> ?	No
Land declared as a marine park under the <i>Marine Estate Management Act 2014</i> ?	No
Land within State Forests set aside under the <i>Forestry Act 2012</i> for conservation values, including Flora Reserves or Special Management (and other) Zones?	No
Land reserved or dedicated under the <i>Crown Lands Act 1989/Crown Lands Management Act 2016</i> (as applicable) for the preservation of flora, fauna, geological formations or other environmental protection purposes?	No
Land identified as wilderness or declared a wilderness area under the <i>Wilderness Act 1987</i> ?	No
Land subject to a Biobanking agreement (established under the now repealed <i>Threatened Species Conservation Act 1995</i> ) or a Biodiversity Stewardship agreement established under the <i>Biodiversity Conservation Act 2016</i> ?	No
Land subject to a Wildlife Refuge agreement under the <i>Biodiversity Conservation Act 2016</i> ?	No
Land subject to existing conservation agreements on private land under repealed legislation that continue to have effect (e.g. trust agreements under <i>Native Conservation Trust Act 2001</i> , Property vegetation plans under <i>Native Vegetation Act 2003</i> , Registered property agreements under <i>Native Vegetation Conservation Act 1997</i> )?	No
<b>Drinking water catchment protection areas</b>	
Land declared to be a 'controlled area' or a 'special area' under the <i>Water NSW Act 2014</i> ?	No
Land declared to be a 'special area' under the <i>Water Management Act 2000</i> or <i>Hunter Water Act 1991</i> ?	No
<b>Sensitive areas</b>	
Land declared as area of outstanding biodiversity value under the <i>Biodiversity Conservation Act 2016</i> or critical habitat under Part 7A of the <i>Fisheries Management Act 1994</i> ?	No
Wetlands of international significance listed under the Ramsar Wetlands Convention?	No
Land designated as a nationally important wetland in the Directory of Important Wetlands?	No
Coastal wetlands mapped under <i>State Environmental Planning Policy (Resilience and Hazards) 2021</i> ?	No
Littoral rainforests mapped under <i>State Environmental Planning Policy (Resilience and Hazards) 2021</i> ?	No
Coastal zone as defined in the <i>Coastal Management Act 2016</i> ?	No
Land identified in an environmental planning instrument as being of biodiversity/conservation significance or zoned for environmental conservation, protection and/or management?	No
Waterfront land defined under the <i>Water Management Act 2000</i> ?	No
Land with a slope greater than 18 degrees measured from the horizontal?	No
<b>Land with potential for soil and water contamination</b>	
Land mapped as Actual Acid Sulfate Soils (AASS) or Potential Acid Sulfate Soils (PASS) on the Acid Sulfate Soils Risk Maps for NSW?	No
<b>Aboriginal protection areas</b>	
Land identified in an environmental planning instrument (such as a State Environmental Planning Policy or Local Environment Plan) as being of Aboriginal cultural significance?	No
Land declared as an Aboriginal place under the <i>National Parks and Wildlife Act 1974</i> ?	No
<b>Historic or natural heritage protection areas</b>	
Land listed on the World Heritage List, National Heritage List or Commonwealth Heritage List?	No
Land, places, buildings or structures listed on the NSW State Heritage Register?	No

Question	Yes/no
Land identified in an environmental planning instrument (such as a State Environmental Planning Policy or Local Environment Plan) as being of heritage significance or a heritage conservation area?	No
<b>Critical industry clusters</b>	
Land identified as Critical Industry Cluster under <i>State Environmental Planning Policy (Resources and Energy) 2021</i> ?	No
<b>Community land</b>	
Public land classified as community land under the <i>Local Government Act 1993</i> ?	No
<b>Other areas</b>	
Land identified on the authority (e.g. exploration licence or assessment lease) as environmentally sensitive land?	No
<b>Ecology</b>	
Will the activity have a significant effect on threatened species or their habitats?	No
Will the activity have a significant effect on threatened ecological communities or their habitats?	No
Will vegetation be removed as part of access track upgrade works in waterfront land?	No
<b>Aboriginal and European heritage</b>	
Will the activity harm Aboriginal objects as defined under the <i>National Parks and Wildlife Act 1974</i> ?	No
Will the activity damage any listed heritage items?	No

## Attachment 1 – Statement of commitments

Item	Commitment
<b>Activity type</b>	<p>Exploration activity comprising:</p> <ul style="list-style-type: none"> <li>• 4 diamond drill holes</li> <li>• 0 reverse circulation drill holes</li> <li>• 0 other drill holes</li> <li>• 0 cubic metres of bulk sampling</li> <li>• 0 square metres of new access tracks</li> <li>• 0 lines of seismic testing</li> <li>• 0 square metres of air core drilling</li> <li>• 0 square metres of other drilling</li> </ul>
<b>Activity location</b>	Nymagee, within EL 7355 (1992).
<b>Activity scope (including any ancillary activities)</b>	<p>Drill hole collar location will be pegged with pre-drilling site photos taken. Existing farm access tracks will be repaired to allow access to drill rig and ancillary vehicles. The drill site will be levelled using a front-end loader or equivalent. The site will be set up with small footprint track-mounted LM90 diamond drill rig, rod handling equipment, 2-3 above-ground sumps (tanks) and access for refueling trailer, water truck and/or vacuum truck. Rehabilitation will commence immediately after the drill rig moves off each site with post-drilling photos taken. The following rehab work will follow the Exploration Code of Practice: Rehabilitation and be undertaken in consultation with the Aurelia Metals environment team.</p> <p>None.</p>
<b>Hours of operation</b>	Continuous work hours (24 hours a day, 7 days a week).
<b>Expected duration (weeks)</b>	4 weeks
<b>Anticipated start date</b>	1 June 2024
<b>Expected rehabilitation completion date</b>	Estimated 1 June 2025
<b>Maximum area of disturbance</b>	1,600 square metres
<b>Air quality</b>	The title holder must implement all measures to prevent, so far as practicable, pollution caused by dust and other air pollutants.
<b>Protection of water sources</b>	<p>The title holder must implement all measures to prevent, so far as practicable, causing adverse impacts on water quality and quantity, including groundwater levels and pressure.</p> <p>Prior to the construction and use of any borehole, the holder of a coal prospecting title must prepare a Groundwater Monitoring and Modelling Plan in consultation with the Water Division of the NSW Department of Planning and Environment.</p>
<b>Erosion, sediment and soil controls</b>	<p>The title holder must implement all measures to prevent, so far as is practicable, causing any land degradation or pollution of land or water.</p> <p>The title holder must implement all practicable measures to prevent harm to the environment when disturbing land in areas of potential acid sulfate soils and actual acid sulfate soils.</p>
<b>Noise and vibration</b>	The titleholder must implement all practicable noise management measures to ensure that noise levels meet acceptable noise criteria for sensitive receivers.



Item	Commitment
	Unless otherwise agreed with relevant landholders, the title holder must notify any potentially affected landholders at least 24 hours prior to detonating explosives.
<b>Use of chemicals, fuels and lubricants</b>	<p>The titleholder must implement all measures to prevent, so far as is practicable, causing contamination of the environment by the release of chemicals, fuels, lubricants and other potential pollutants.</p> <p>The title holder must ensure that all chemicals, fuels and lubricants, excluding those contained within plant and equipment, are:</p> <ol style="list-style-type: none"> <li>stored and handled in accordance with any relevant Safety Data Sheet and Australian Standards for the material, and</li> <li>stored in appropriate containers that are in good condition and labelled to clearly identify the stored product, and</li> <li>kept in a facility or area which is capable of containing at least 110% of the largest container capacity stored within that area.</li> </ol> <p>The title holder must:</p> <ol style="list-style-type: none"> <li>ensure that adequate spill prevention and absorbent materials required to manage spills and leaks for all potential pollutants which are on site are readily available at all times, and</li> <li>use appropriate equipment and materials to capture any drips and spills which occur during the transfer of potential pollutants, and when carrying out maintenance of hydrocarbon filled plant and equipment.</li> </ol>
<b>Waste</b>	The titleholder must manage all waste in a manner which does not cause harm to the environment.
<b>Vegetation clearing and surface disturbance</b>	<p>The title holder must minimise the extent of any vegetation clearing and surface disturbance to as low as practicable.</p> <p>The boundaries of any areas of vegetation clearing and surface disturbance must be demarcated.</p> <p>The title holder must implement all measures to prevent, so far as practicable, adverse impacts to fauna caused by vegetation clearing or surface disturbance.</p> <p>The title holder must inspect trees and canopy branches for fauna prior to felling or branch removal, and clearly demarcate any hollows or active bird nests.</p> <p>The title holder must not proceed with tree felling or branch removal until any resident fauna have been relocated by an ecologist or other competent party.</p>
<b>Roads and tracks</b>	<p>The title holder must consult with relevant landholders prior to establishing any new roads or tracks.</p> <p>The title holder must plan, design, construct, maintain and use roads and tracks in a manner which minimises the area and duration of disturbance to the environment and landholders to as low as practicable.</p> <p>The title holder must construct any crossings of rivers, permanent and intermittent water lands and wetlands to prevent, so far as practicable, impacts on fish habitats.</p> <p>The title holder must refrain from using any unsealed road or track during wet conditions to prevent damage to that road or track, unless the road or track has been designed and constructed for use in wet conditions, or the landholder expressly consented to the use of that road or track in wet conditions.</p> <p>Unless otherwise agreed with the relevant landholder, the title holder must repair all damage to existing roads and tracks resulting from exploration activities.</p>
<b>Aboriginal and other cultural heritage</b>	The titleholder must implement all measures to prevent, so far as practicable, harm to Aboriginal cultural heritage and non-indigenous cultural heritage.
<b>Weeds, pest animals and diseases</b>	The titleholder must implement all practicable measures to prevent the introduction and spread of weeds, pest animals and animal and plant diseases.

Item	Commitment
<b>Livestock protection</b>	The title holder must implement all measures to prevent, so far as practicable, causing adverse impacts to livestock.
<b>Fire prevention</b>	The title holder must implement all measures to prevent, as far as practicable, the ignition and spread of fire.
<b>Rehabilitation commitments</b>	The activity will be undertaken in accordance with the rehabilitation objectives and targets provided for this project.
<b>Risk assessments</b>	The title holder must monitor the risks associated with activities and, if the risk associated with an activity changes, implement revised environmental management controls.
<b>Incident management</b>	The NSW Resources Regulator will be notified of all incidents in accordance with the requirements of EL 7355 (1992).
<b>Reporting</b>	Reporting to the NSW Resources Regulator and Mining, Exploration and Geoscience – Department of Regional NSW will be in accordance with the legislation and conditions of EL 7355 (1992).
<b>Codes of Practice</b>	<p>Sir Lancelot will be operated in accordance with:</p> <ul style="list-style-type: none"> <li>• Exploration Code of Practice: Environmental Management    Exploration Code of Practice: Rehabilitation</li> </ul>
<b>Other (as applicable)</b>	1. No additional terms specified.

## Attachment 2 – Definitions

To search for NSW legislation, visit [www.legislation.nsw.gov.au](http://www.legislation.nsw.gov.au). Commonwealth legislation can be found at [www.legislation.gov.au](http://www.legislation.gov.au).

Word	Definition
<b>Aboriginal object</b>	Has the same meaning as it has in the <i>National Parks and Wildlife Act 1974</i> .
<b>Aboriginal place</b>	Has the same meaning as it has in the <i>National Parks and Wildlife Act 1974</i> .
<b>Acid Sulfate Soils</b>	Sediments and soils containing iron sulfides which, when exposed to oxygen, generate sulfuric acid.  Acid sulfate soils include actual acid sulfate soils (AASS) or potential acid sulfate soils (PASS).
<b>Activity</b>	Any activity carried out in connection with exploration, including: <ul style="list-style-type: none"> <li>the use of land</li> <li>means of accessing land</li> <li>the carrying out of a work.</li> </ul>
<b>Activity approval</b>	An approval to carry out assessable prospecting operations granted under the <i>Mining Act 1992 / Petroleum (Onshore) Act 1991</i> – as relevant.
<b>Actual Acid Sulfate Soils (AASS)</b>	Sediments and soils containing highly acidic soil horizons or layers resulting from the aeration of sediments and soils that are rich in iron sulfides, primarily sulphide.
<b>Applicant</b>	In relation to an exploration activity, the person proposing to carry out the exploration activity.
<b>Aquatic reserve</b>	Has the same meaning as it has in the <i>Marine Estate Management Act 2014</i> .
<b>Areas of Outstanding Biodiversity Value (AOBVs)</b>	Has the same meaning as it has in the <i>Biodiversity Conservation Act 2016</i> .  Note: Areas of declared critical habitat under the now repealed <i>Threatened Species Conservation Act 1995</i> have become Areas of Outstanding Biodiversity Value (AOBVs) under the <i>Biodiversity Conservation Act 2016</i> .
<b>Assessable prospecting operation</b>	Any prospecting operation that is not exempt development within the meaning of <i>State Environmental Planning Policy (Resources and Energy) 2021</i> .
<b>Clearing of vegetation</b>	Any one or more of the following: <ul style="list-style-type: none"> <li>cutting down, felling, thinning, lopping, logging or removing vegetation, or</li> <li>killing, destroying, poisoning, ringbarking, uprooting or burning vegetation.</li> </ul>
<b>Complying exploration activities (CEA)</b>	Exploration activities that are considered unlikely to significantly affect the environment as set out in <i>Exploration guideline: Application and assessment process for exploration activities</i> .
<b>Critical habitat</b>	Has the same meaning as it has in the <i>Fisheries Management Act 1994</i> .  Areas of declared critical habitat under the now repealed <i>Threatened Species Conservation Act 1995</i> have become Areas of Outstanding Biodiversity Value (AOBVs) under the <i>Biodiversity Conservation Act 2016</i> .
<b>Drill hole</b>	A hole made by drilling or boring, but excludes: <ul style="list-style-type: none"> <li>sampling and coring using handheld equipment</li> <li>petroleum wells.</li> </ul>
<b>Drilling</b>	The perforation of the earth's surface crust by mechanical means to form a hole, whether the hole caused by the perforation is vertical, inclined or horizontal, and

Word	Definition
	includes all operations for preventing collapse of the sides of such hole or for preventing it from being filled with extraneous materials including water
<b>Environment</b>	Has the same meaning as it has in the <i>Mining Act 1992 / Petroleum (Onshore) Act 1991</i> – as relevant.
<b>Environmentally sensitive area of State significance</b>	Has the same meaning as it has in <i>State Environmental Planning Policy (Resources and Energy) 2021</i> .
<b>Excavation</b>	The removal of the surface layer to a depth greater than 500 mm from the natural surface level.
<b>Exempt development</b>	Has the same meaning as it has in <i>State Environmental Planning Policy (Resources and Energy) 2021</i> .
<b>Exploration</b>	Has the same meaning as it has in <i>State Environmental Planning Policy (Resources and Energy) 2021</i> .
<b>Fauna</b>	Has the same meaning as it has in the <i>National Parks and Wildlife Act 1974</i> .
<b>Groundwater</b>	Water that occurs beneath the ground surface in the saturated zone.
<b>Habitat</b>	Has the same meaning as it has in the <i>Biodiversity Conservation Act 2016</i> or the <i>Fisheries Management Act 1994</i> (as relevant).
<b>Harm</b>	<p>In relation to matters of national environmental significance, has the same meaning as 'significant impact' as provided by the 'Significant Impact Guidelines' used to determine whether assessment and approval is required under the <i>Commonwealth Environment Protection and Biodiversity Conservation Act 1999</i>.</p> <p>In relation to the environment, has the same meaning as it has in the <i>Protection of the Environment Operations Act 1997</i>.</p> <p>In relation to threatened species or ecological communities, has the same meaning as:</p> <ul style="list-style-type: none"> <li>• 'harm an animal' in the <i>National Parks and Wildlife Act 1974</i></li> <li>• 'pick a native plant' in the <i>National Parks and Wildlife Act 1974</i></li> <li>• 'harm' in the <i>Fisheries Management Act 1994</i>.</li> </ul> <p>In relation to an aquifer or waterfront land, has the same meaning as it has in the <i>Water Management Act 2000</i>.</p> <p>In relation to Aboriginal places or Aboriginal objects has the same meaning as it has in the <i>National Parks and Wildlife Act 1974</i>.</p> <p>In relation to items of heritage significance, has the same meaning as it has in the <i>Heritage Act 1977</i>.</p> <p>In relation to protected marine vegetation, has the same meaning as it has in the <i>Fisheries Management Act 1994</i>.</p>
<b>Items of heritage significance</b>	<p>Means:</p> <ul style="list-style-type: none"> <li>• any heritage items listed in one or more of the following: <ul style="list-style-type: none"> <li>— the Commonwealth Heritage List</li> <li>— the World Heritage List</li> <li>— the National Heritage List</li> <li>— the State Heritage Register</li> <li>— an Environmental Planning Instrument</li> </ul> </li> </ul>

Word	Definition
	<ul style="list-style-type: none"> <li>• any relic (being any deposit, object or material evidence which relates to the settlement of the area that comprises New South Wales, not being Aboriginal settlement, and which is 50 or more years old), or</li> <li>• within State Conservation Areas: <ul style="list-style-type: none"> <li>— items that are listed on the DECC Historic Heritage Information Management System, or</li> <li>— any deposit, object or material evidence relating to the settlement or occupation of New South Wales or a part of New South Wales (not being Aboriginal settlement or occupation) if the deposit, object or material evidence is more than 25 years old at the date of the interference or removal.</li> </ul> </li> </ul>
<b>Land</b>	<p>Includes:</p> <ul style="list-style-type: none"> <li>• the sea or an arm of the sea</li> <li>• a bay, inlet, lagoon, lake or body of water, whether inland or not and whether tidal or non-tidal</li> <li>• a river, stream or watercourse, whether tidal or non-tidal, and</li> <li>• a building erected on the land</li> </ul>
<b>Marine vegetation</b>	Has the same meaning as it has in the <i>Fisheries Management Act 1994</i> .
<b>Matters of national environmental significance</b>	'Matters of national environmental significance' protected under the <i>Commonwealth Environment Protection and Biodiversity Conservation Act 1999</i> .
<b>Minister</b>	The Minister administering the <i>Mining Act 1992 / Petroleum (Onshore) Act 1991</i> – as relevant.
<b>Native vegetation</b>	Has the same meaning as it has in the <i>Local Land Services Act 2013</i> .
<b>Potential acid sulphate soils (PASS)</b>	Sediments and soils that contain iron sulfides or sulfidic material which have not been exposed to air and oxidised
<b>Produced water</b>	Any form of groundwater that is actively extracted from a borehole or excavation, excluding incidental groundwater mixed with drilling fluids.
<b>Rehabilitation</b>	Has the same meaning as it has in the <i>Mining Act 1992 / Petroleum (Onshore) Act 1991</i> – as relevant.
<b>Seismic survey</b>	The use of shock waves (generated in the ground using either small explosive charges detonated below the surface, hand-held mechanical hammers or vehicle-mounted hammers) and an array of geophones, which are connected to measuring instruments, to differentiate the geophysical properties of the subsurface of the earth.
<b>Sensitive receiver</b>	<p>Includes:</p> <ul style="list-style-type: none"> <li>• dwellings</li> <li>• libraries</li> <li>• educational and research institutions (including schools, colleges and universities)</li> <li>• childcare centres</li> <li>• kindergartens</li> <li>• hospitals, surgeries and other medical institutions</li> <li>• places of worship</li> </ul>

Word	Definition
	<ul style="list-style-type: none"> <li>• milking sheds and holding yards associated with dairies</li> <li>• animal boarding or training establishments</li> <li>• aquaculture</li> <li>• intensive livestock agriculture</li> </ul>
<b>Site</b>	The land on which an activity is located.
<b>State Conservation Area</b>	Has the same meaning as it has in the <i>National Parks and Wildlife Act 1974</i> .
<b>Surface disturbance</b>	Means: <ul style="list-style-type: none"> <li>• disturbance or exposure of the soil or surface rock layer, or</li> <li>• degradation or deterioration in any manner of the physical surface of land.</li> </ul>
<b>Terms</b>	In relation to activity approvals, the terms imposed by the decision-maker on the grant of an activity approval.
<b>Threatened species or ecological communities</b>	Has the same meaning as it has in the <i>Biodiversity Conservation Act 2016</i> or <i>Fisheries Management Act 1994</i> (as relevant).
<b>Title</b>	An authority under the <i>Mining Act 1992</i> / a title under the <i>Petroleum (Onshore) Act 1991</i> – as relevant.
<b>Titleholder</b>	A person or company to whom a title has been issued.
<b>Track</b>	All unsealed routes that will be traversed multiple times, but does not include single pass (ingress and egress) routes or seismic shot and receiver lines.
<b>Waste</b>	Has the same meaning as it has in the <i>Protection of the Environment Operations Act 1997</i> .
<b>Water source</b>	Has the same meaning as it has in the <i>Water Management Act 2000</i> .
<b>Water land</b>	Has the same meaning as it has in the <i>Fisheries Management Act 1994</i> .
<b>Waterfront land</b>	Has the same meaning as it has in the <i>Water Management Act 2000</i> .
<b>Wetlands</b>	Has the same meaning as it has in the <i>Fisheries Management Act 1994</i> .
<b>Wilderness</b>	Lands identified as wilderness under the <i>Wilderness Act 1987</i> .
<b>Wilderness area</b>	Lands (including subterranean lands) declared to be a wilderness area under the <i>Wilderness Act 1987</i> or the <i>National Parks and Wildlife Act 1974</i> .

## Attachment 3 – List of supporting documents

- AHIMS\_Search\_Lancelot\_13Apr24.pdf
  - APO0001747\_Submission Report\_24 Apr 2024 5:59pm.pdf
  - Lancelot\_Access\_Plan\_13Apr24.jpg
  - Lancelot\_site\_photos.zip
  - Map showing Biodiversity values and threshold tool map.JPG
  - PMST\_Search\_Lancelot.jpg
  - Possible Threatened species - Nymagee\_ProfileSearch\_20230731105809.zip
  - SEED\_heritage\_Lancelot.pdf

FORM: APO\_C\_Apvl v3.1