



## Appendix I

Contamination database searches and historical aerial photos

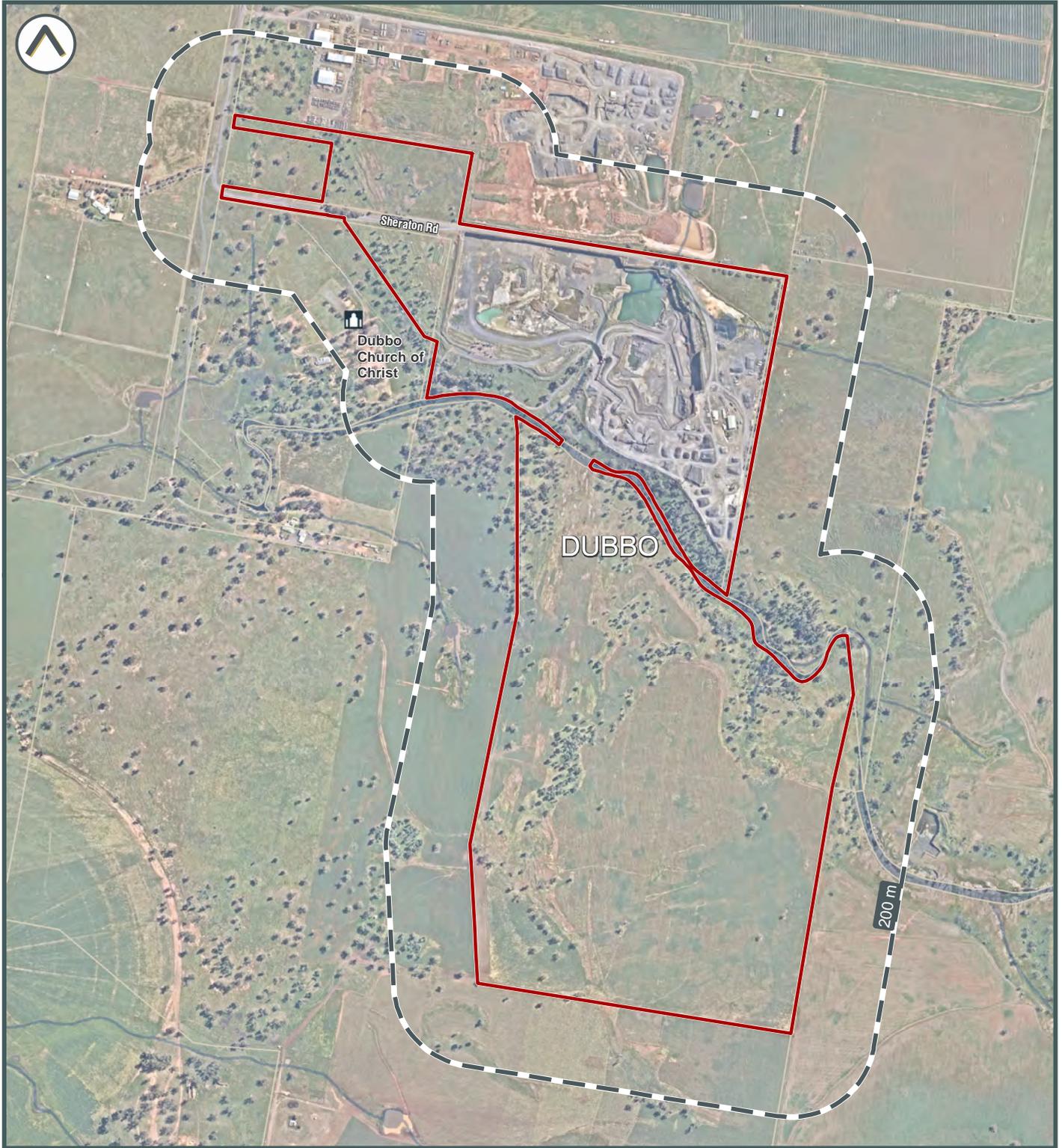




## ATTACHMENT A

### Report Maps





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- Subject area
- Transmission Line
- Stormwater channel
- Sewer Main
- Water Main
- Pipeline

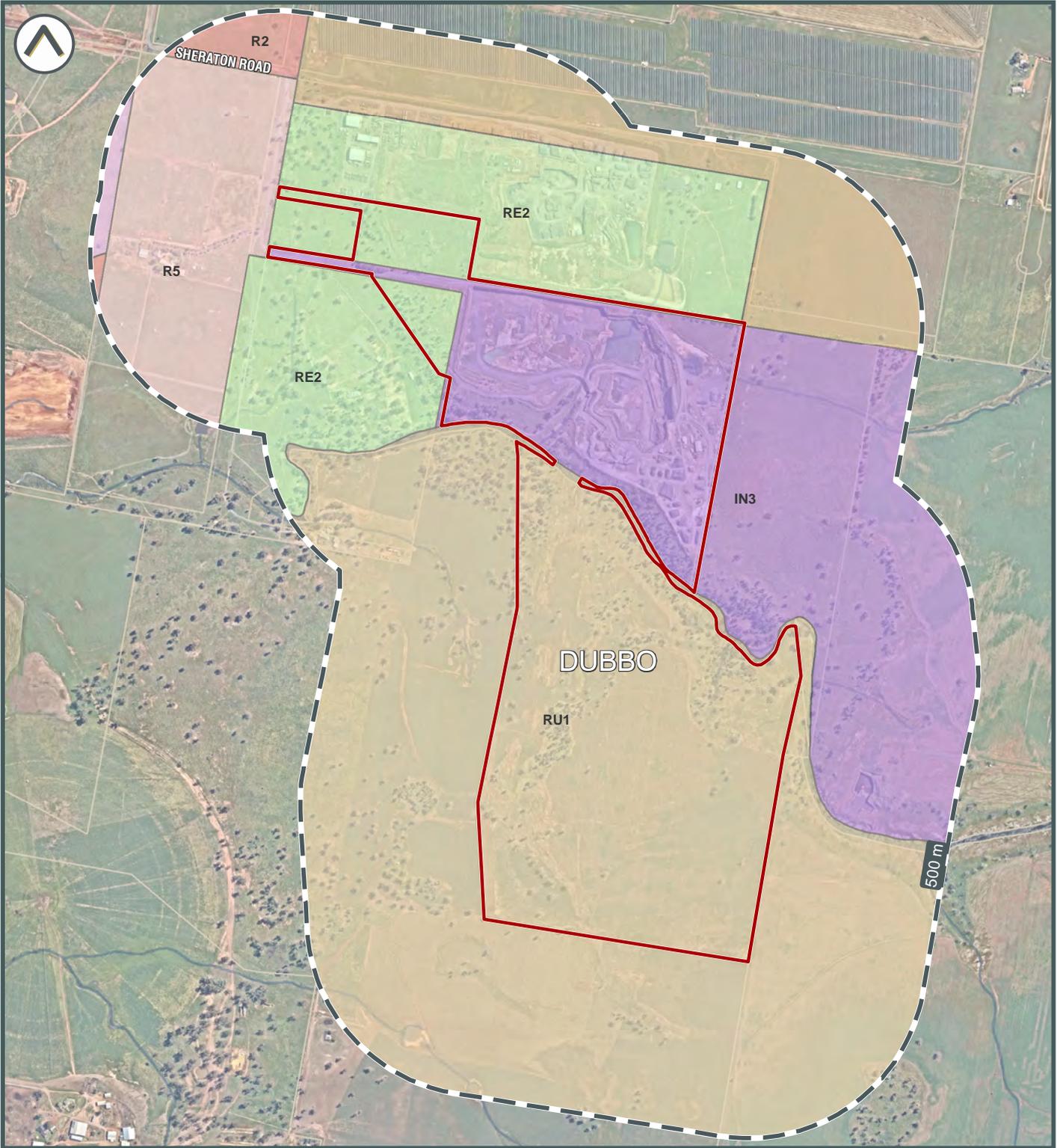
**Sensitive Receptors**  
 Places of Worship & Religious Organisations



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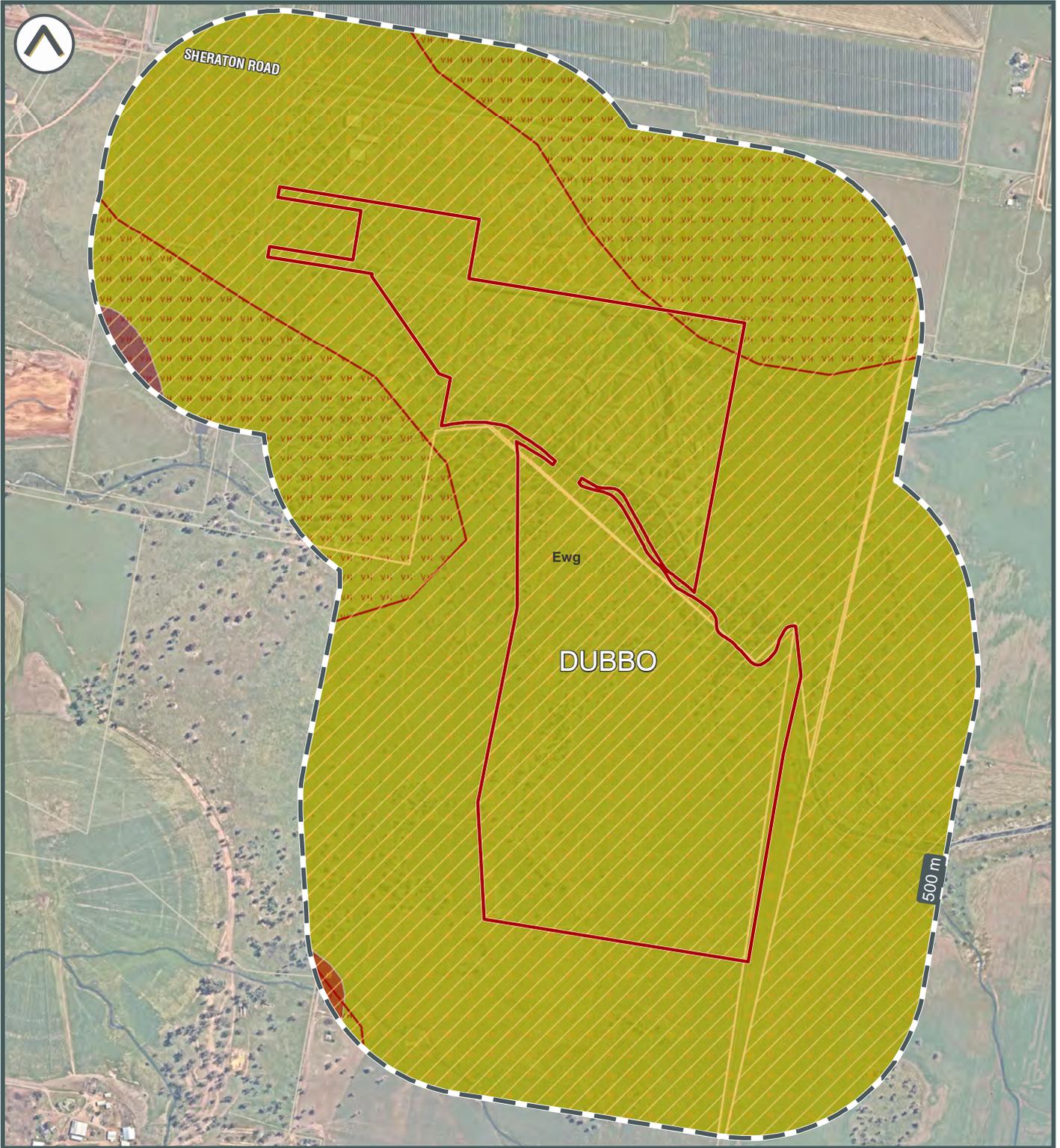
- Subject area
  
- Land Zoning**
- IN3 | Heavy Industrial
- R1 | General Residential
- R2 | Low Density Residential
- R5 | Large Lot Residential
- RE2
- RU1 | Primary Production
- RU2



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Subject area

**Salinity Hazard**

- Very High
- Moderate

**Soils Landscape**

- Ewg | EUCHROZEMS

RBEbg | RED-BROWN EARTHS

REel | RED EARTHS

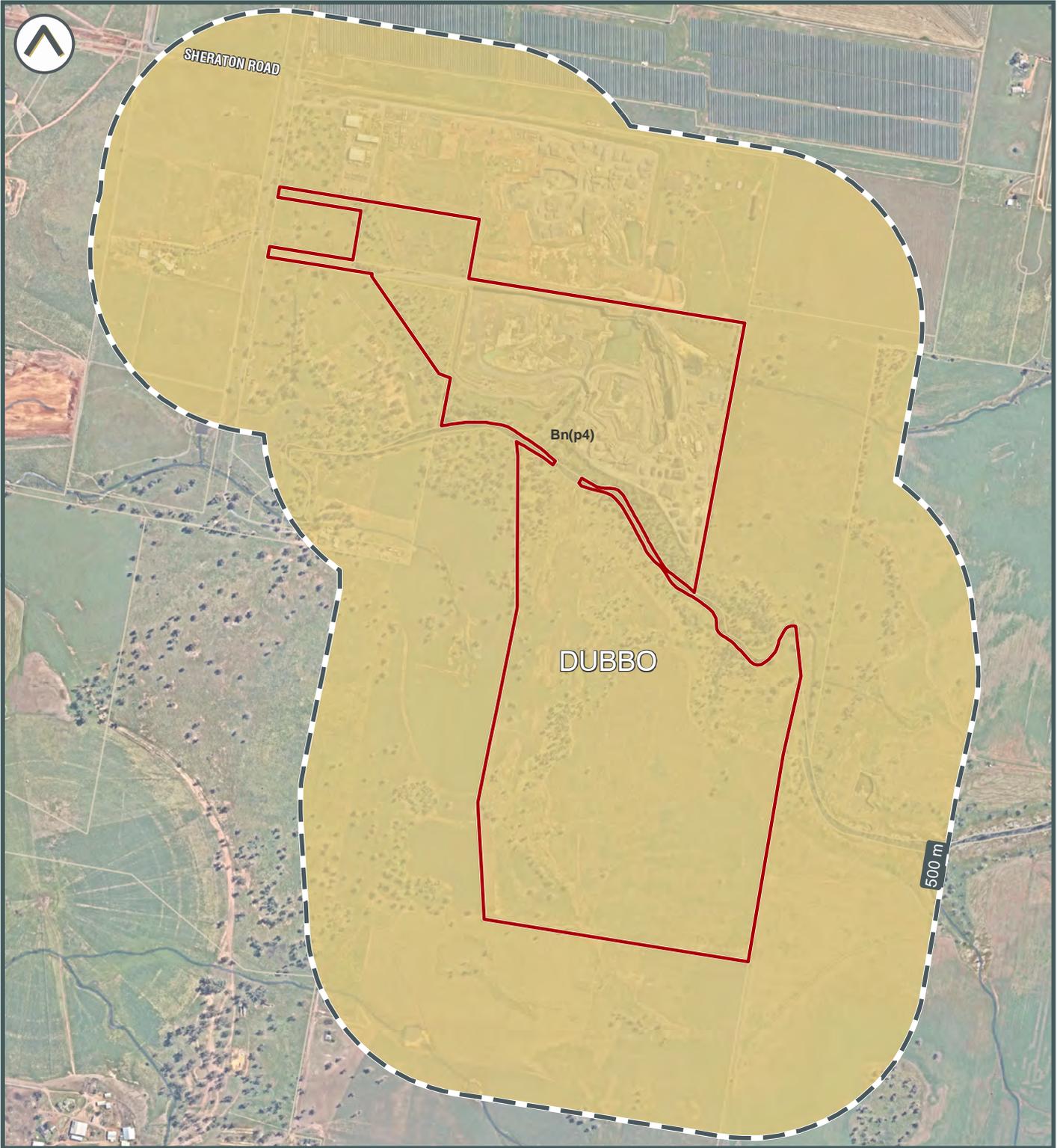
**Radon Level (Bq/m<sup>3</sup>)**

5-19



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 Subject area

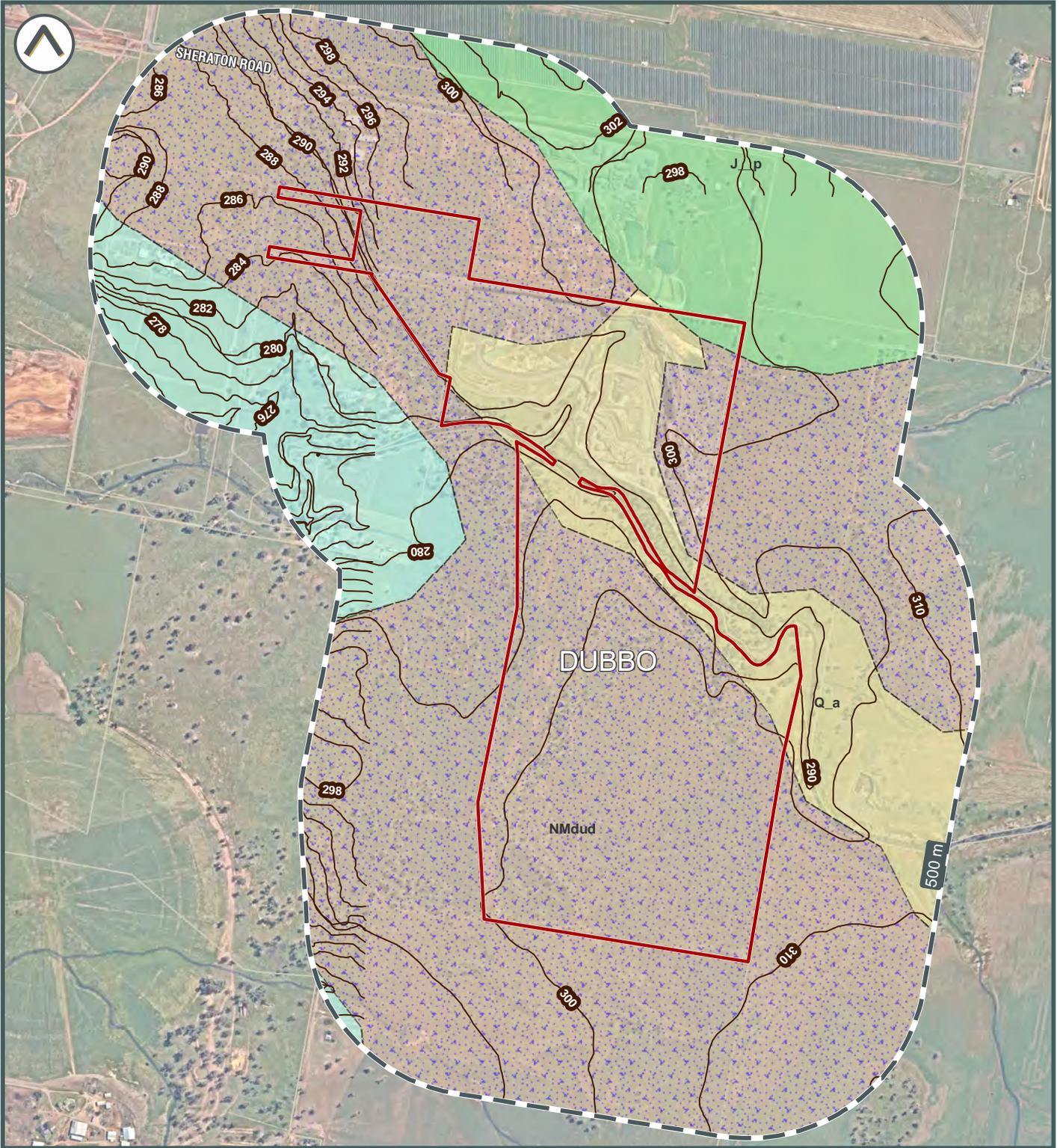
ASRIS Atlas of Australian Sulfate Soils

 Bn(p4) | ASS in inland lakes, waterways, wetlands and riparian zones



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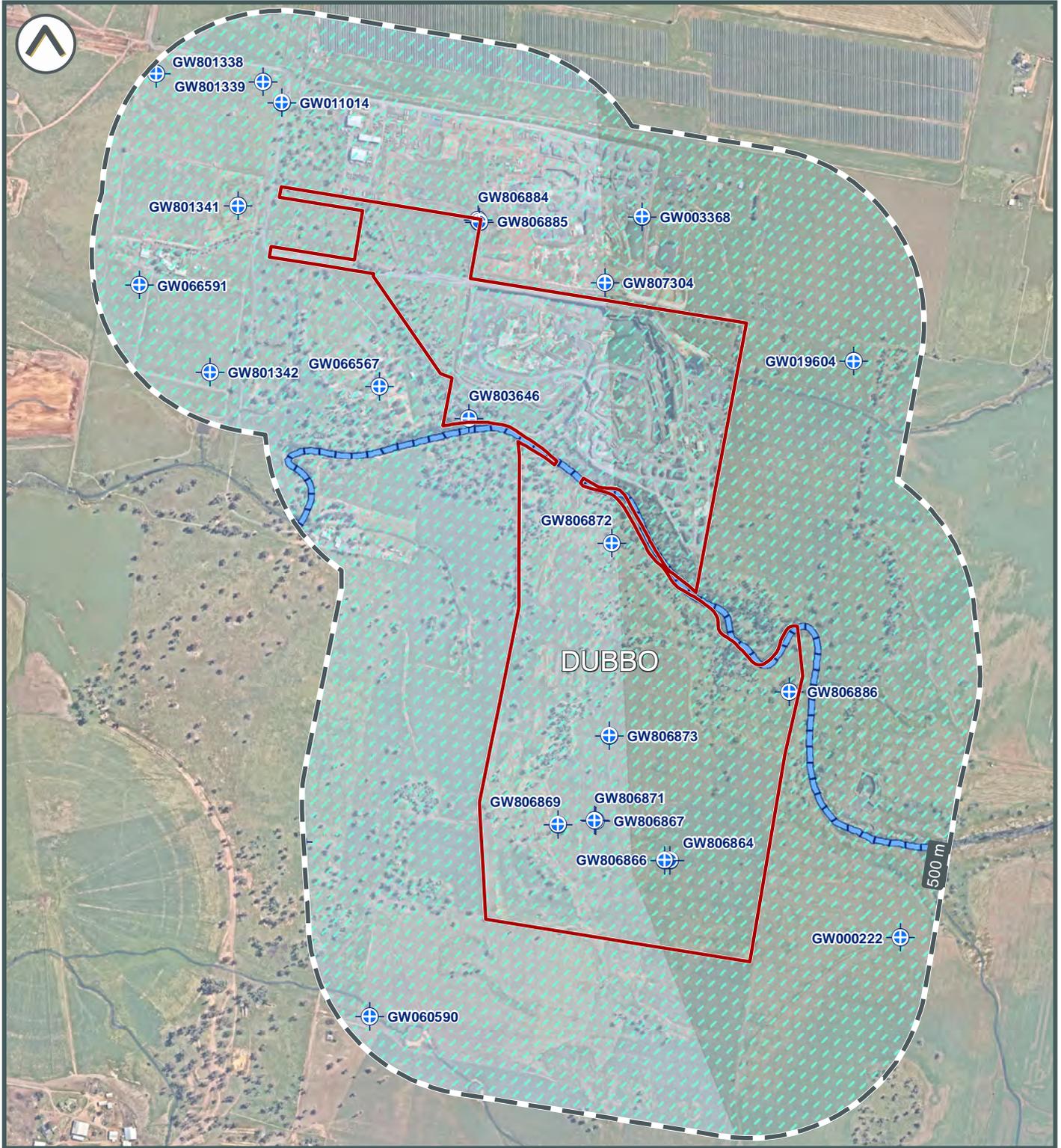
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- Subject area
- Protected riparian corridor
- UPSS Environmentally Sensitive Zone

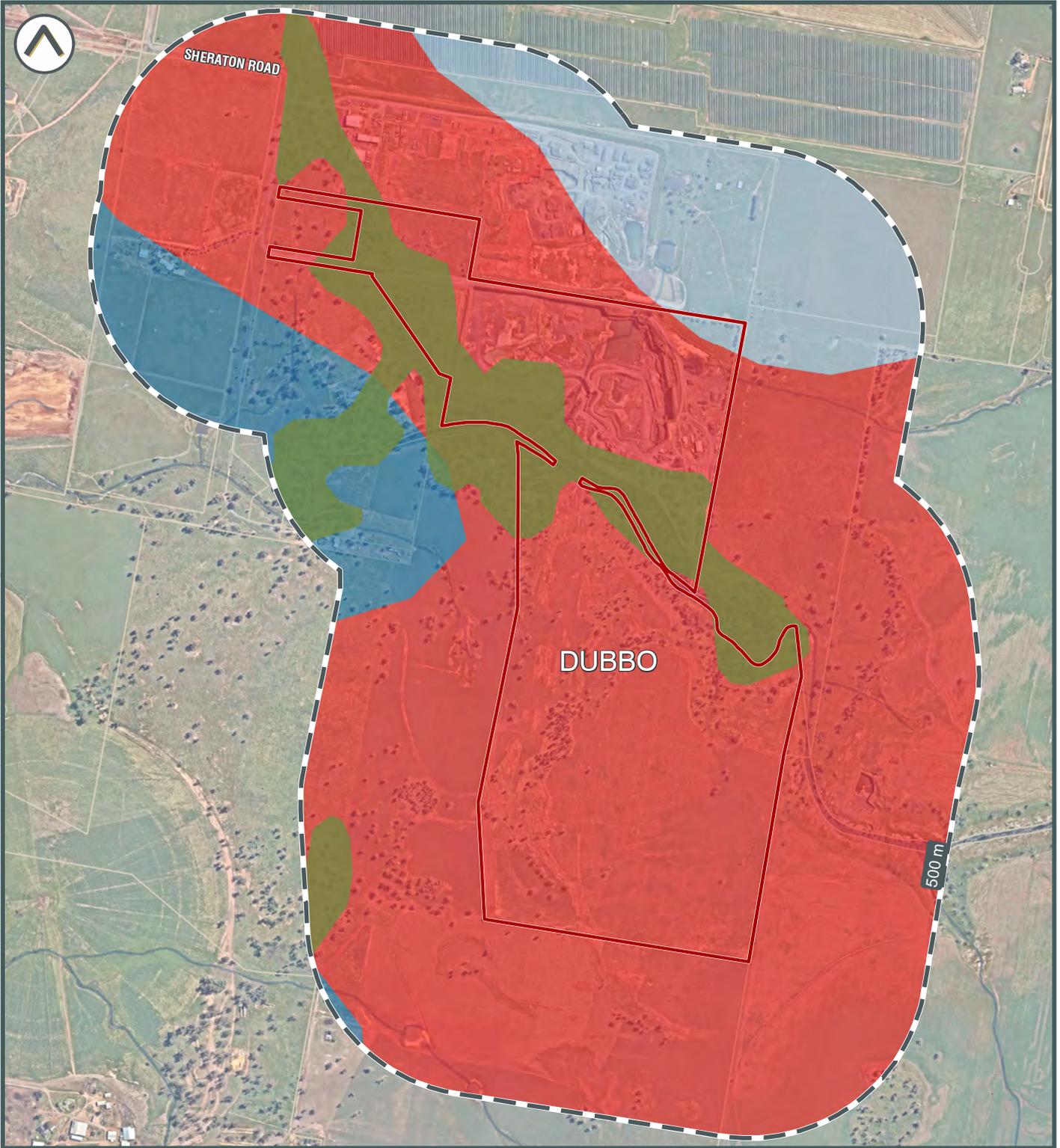
- + Groundwater bores
- Aquifer Type**
- Porous, extensive aquifers of low to moderate productivity
- Porous, extensive highly productive aquifers



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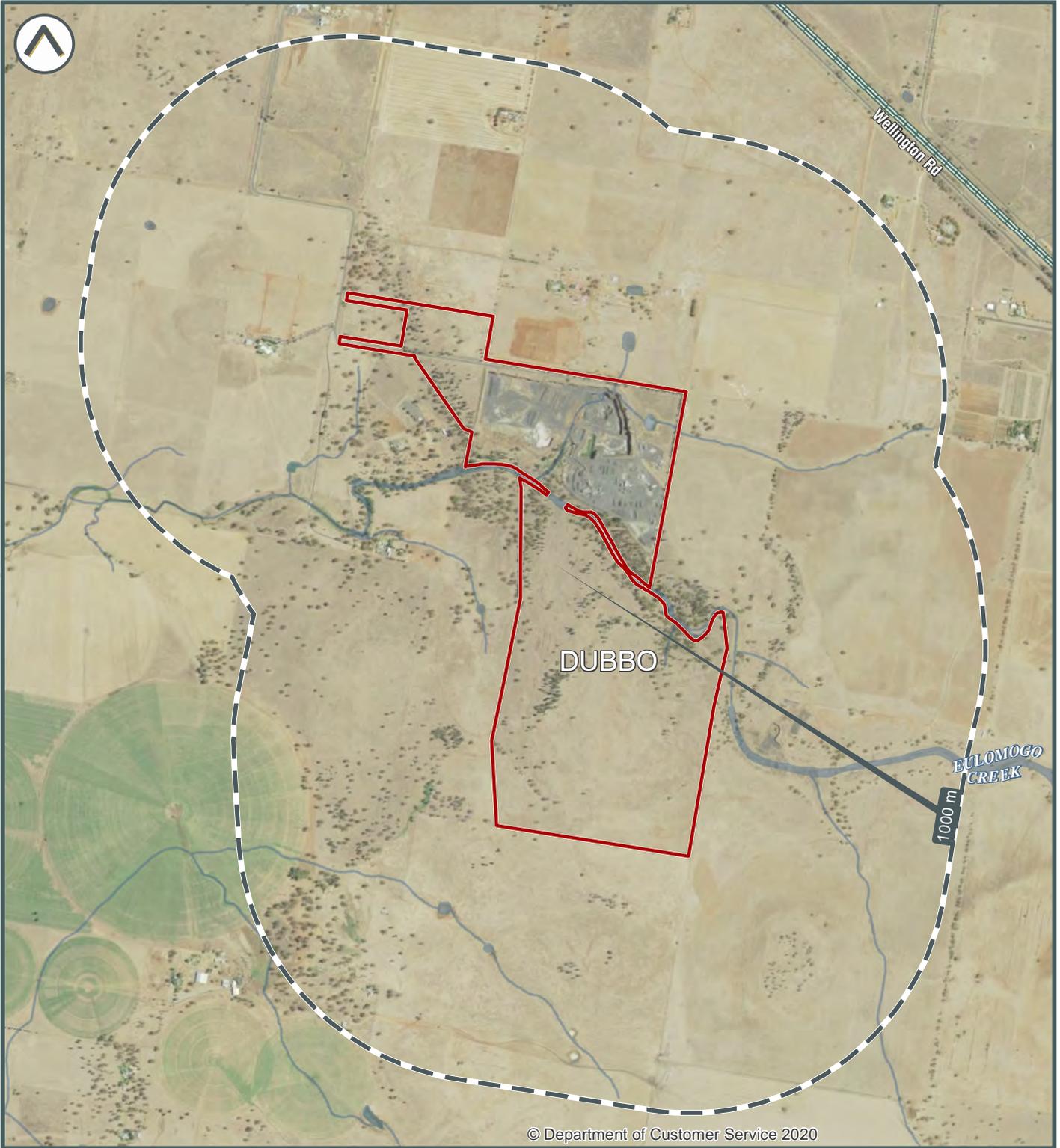
Subject area	<b>Hydrogeologic Unit</b>
Other borehole/monitoring well location	Tertiary Basalt Aquifer (fractured rock)
<b>Ecosystems that rely on Subsurface presence of Groundwater</b>	Late Permian/Triassic sediments (porous media - consolidated)
Moderate potential for GW interaction	Late Permian/Triassic intrusives and volcanics fractured rock aquifers



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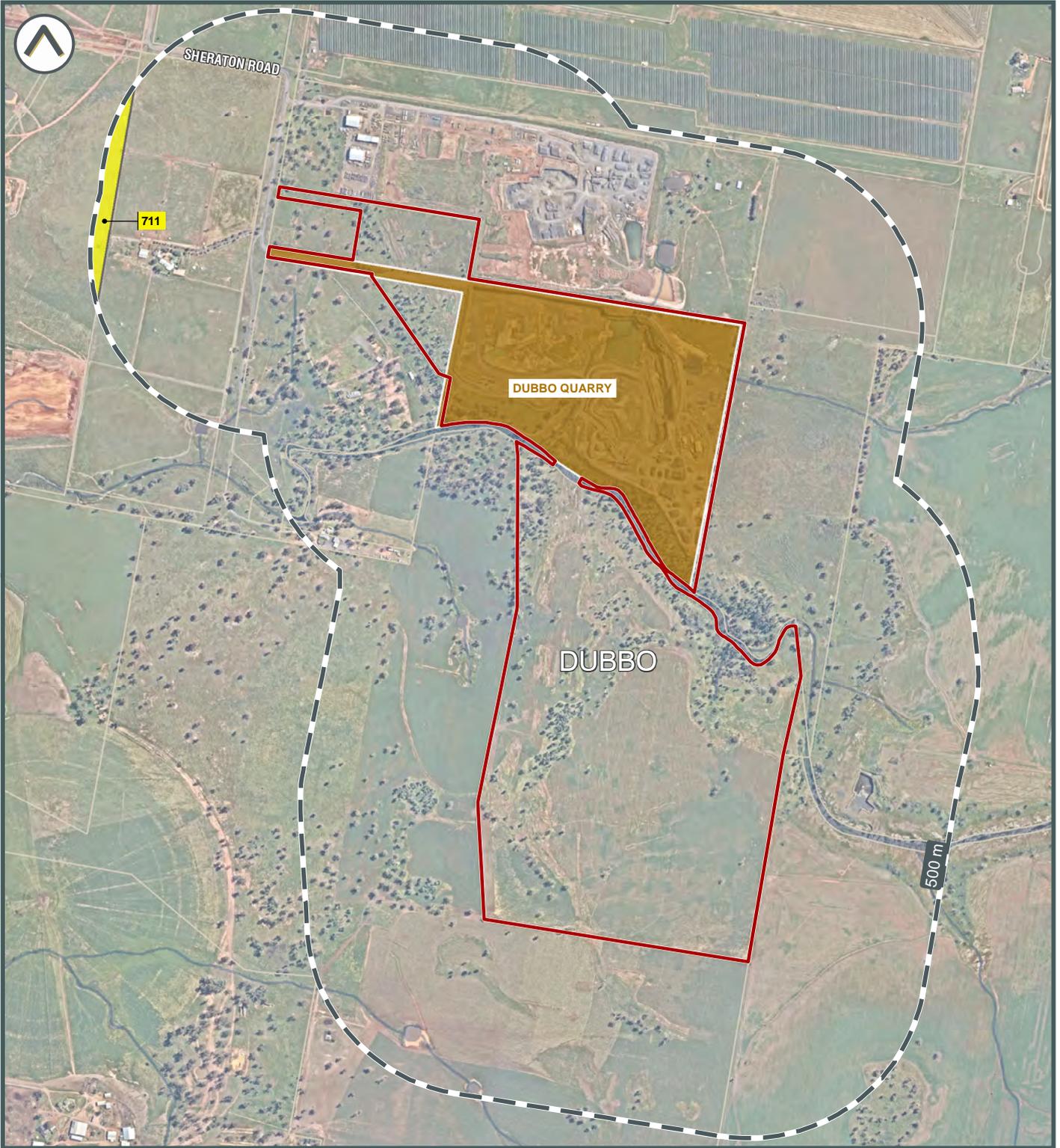
- Subject area
- Contaminated Land Register (EPA)**
- Current - Sites notified as contaminated
- Former - Sites notified as contaminated
- Contaminated Land Record of Notices
- PFAS Sites
- Potentially Contaminated Areas**
- Defence Sites
- Former Gasworks Sites



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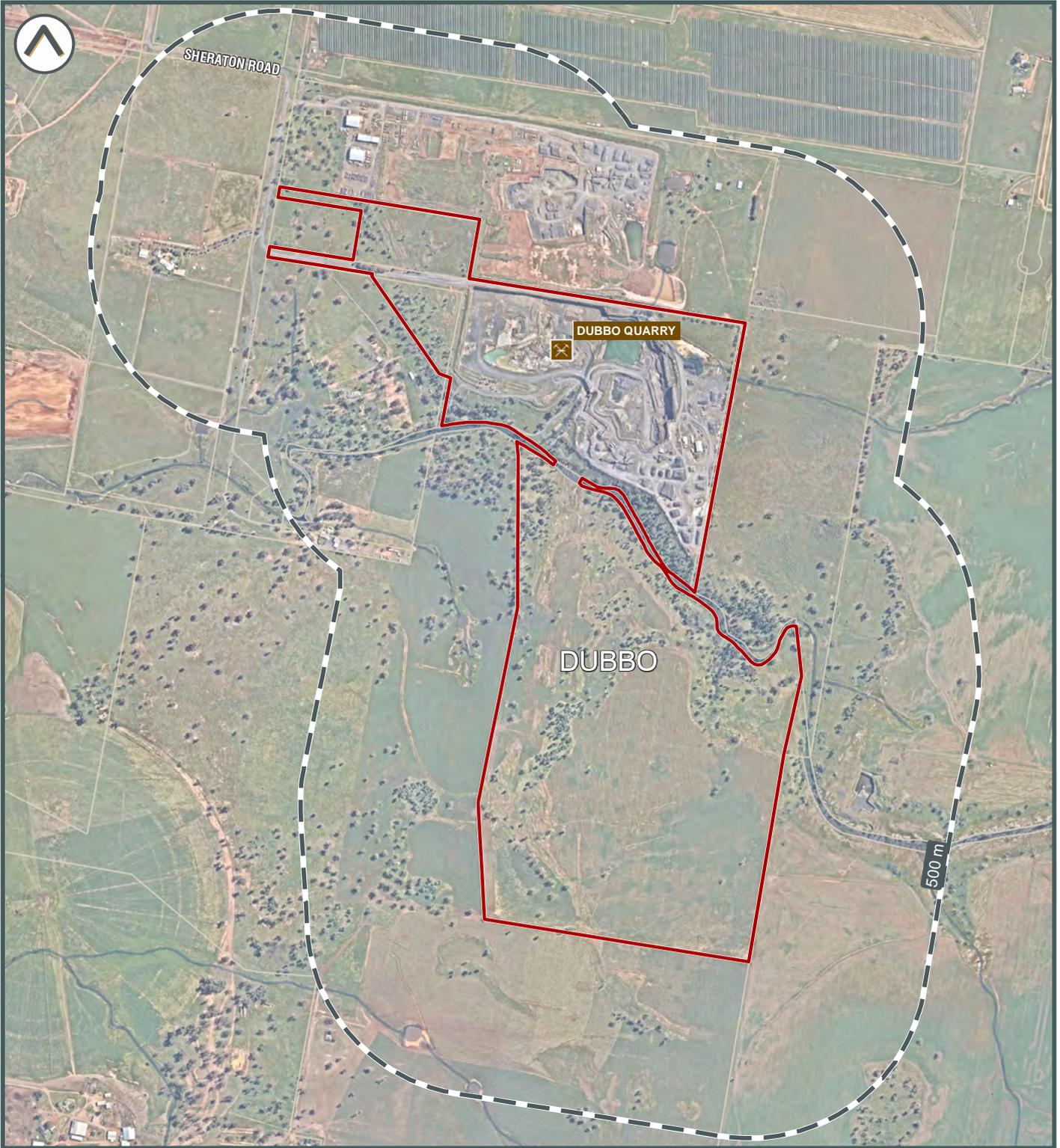
- Subject area
- NPI Facilities
- POEO Register**
- POEO licences
- Surrendered Licences still Regulated by EPA
- Clean Up and Penalty Notices



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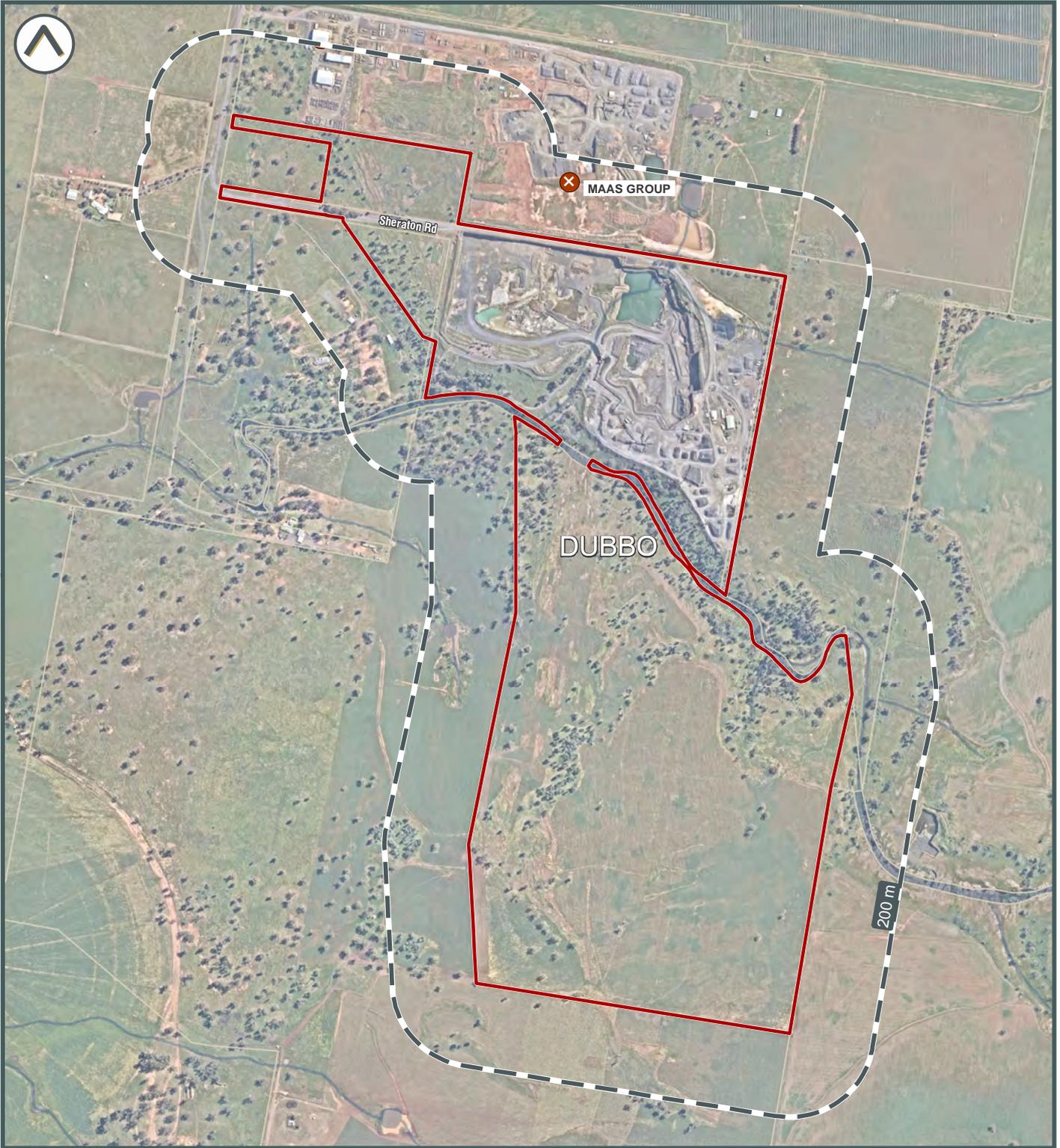
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- |                       |                                |                      |                               |
|-----------------------|--------------------------------|----------------------|-------------------------------|
| Subject area          | Gas supplier / terminals       | Petrol stations      | Telephone exchanges           |
| Cattle dip/ saleyards | Liquid fuel depots / terminals | Power stations       | Waste management facilities   |
| Dry cleaners          | Mine/quarry                    | Substation locations | Wastewater Treatment Facility |
| Fire Rescue sites     |                                |                      |                               |

Data is current as when this report was created. However due to the turnover of business locations, some addresses may be former.



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Subject area

**Commercial & Trade Directory**

- Other potentially contaminating activities
- Former potentially contaminating activities

**Tanks**

- Aboveground Storage Tank - Current
- Aboveground Storage Tank - Former

- Underground Storage Tank - Current
- Underground Storage Tank - Former/Unknown
- Unknown

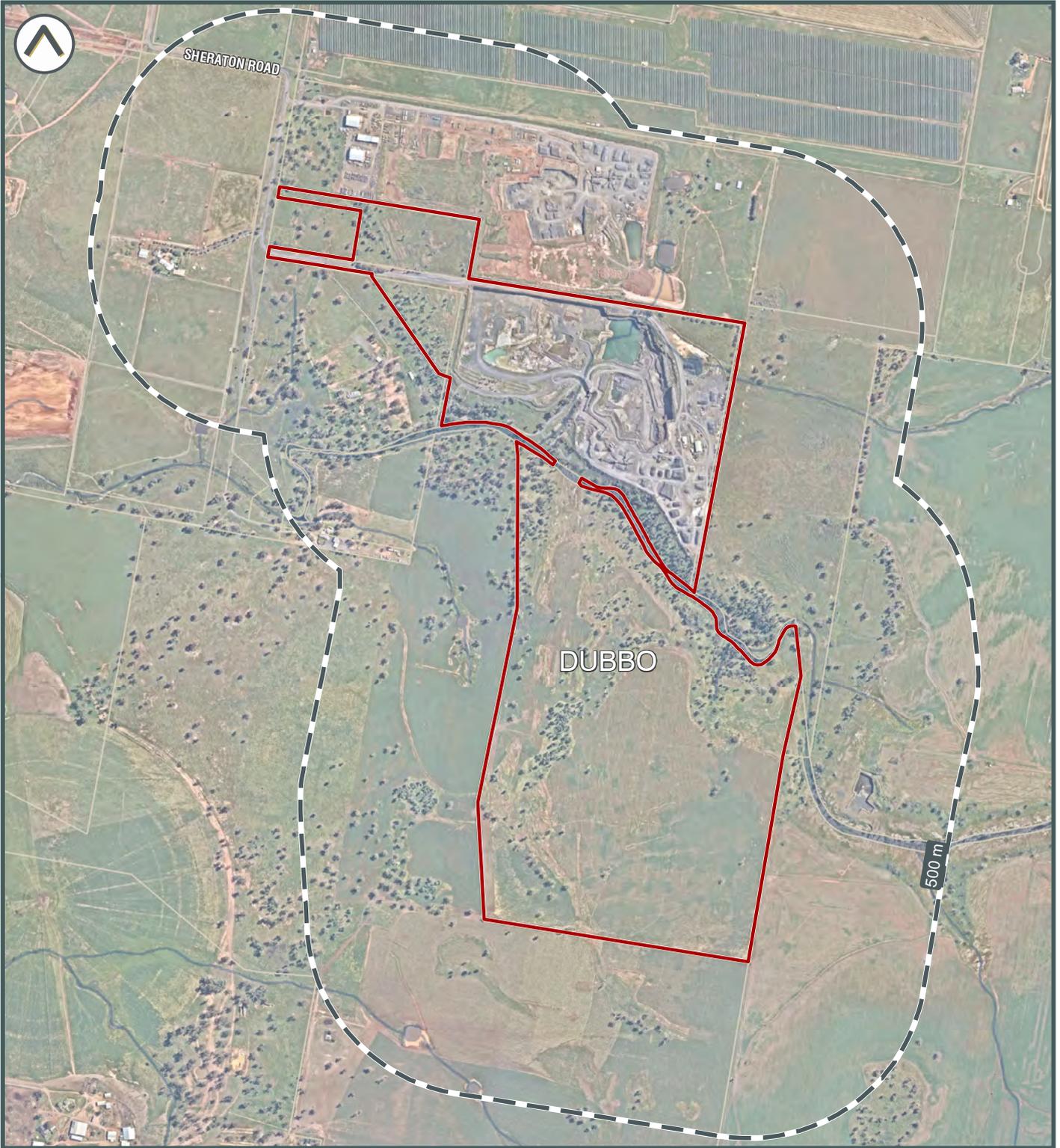
\*This is not an exhaustive list of all tanks.



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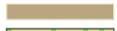
Due Diligence Insight



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 Subject area

Contaminated Legacy Areas

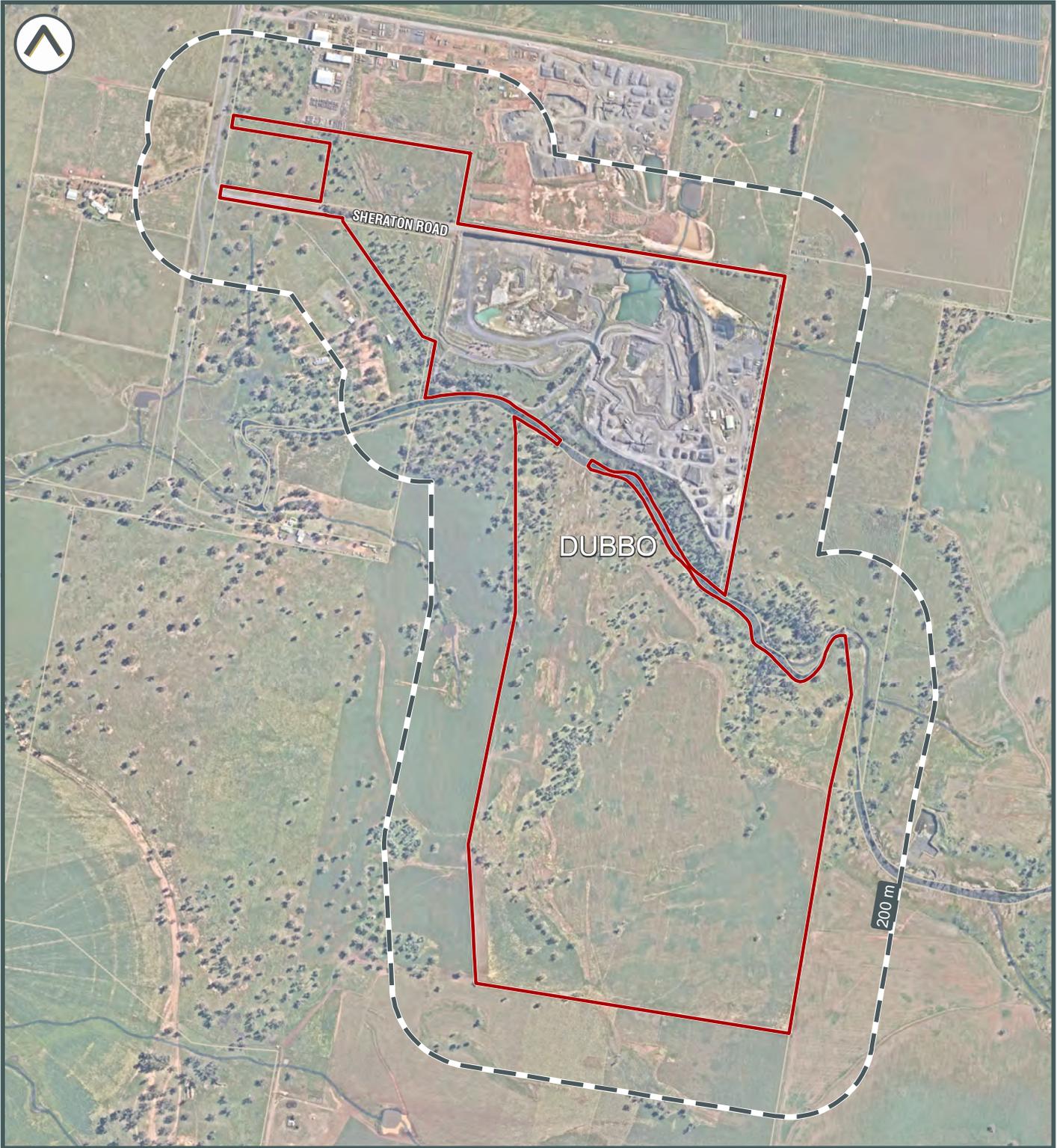
-  Contaminated Legacy Areas
-  Derelict Mines and Quarries
-  Historical (Legacy) Landfills

Unexploded Ordnance (UXO) Areas



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Subject area

Federal, State and Local Heritage

Heritage Area (LEP)

Register of the National Estate (RNE)

National Heritage List (NHL)

Non-Aboriginal heritage item (SHR)

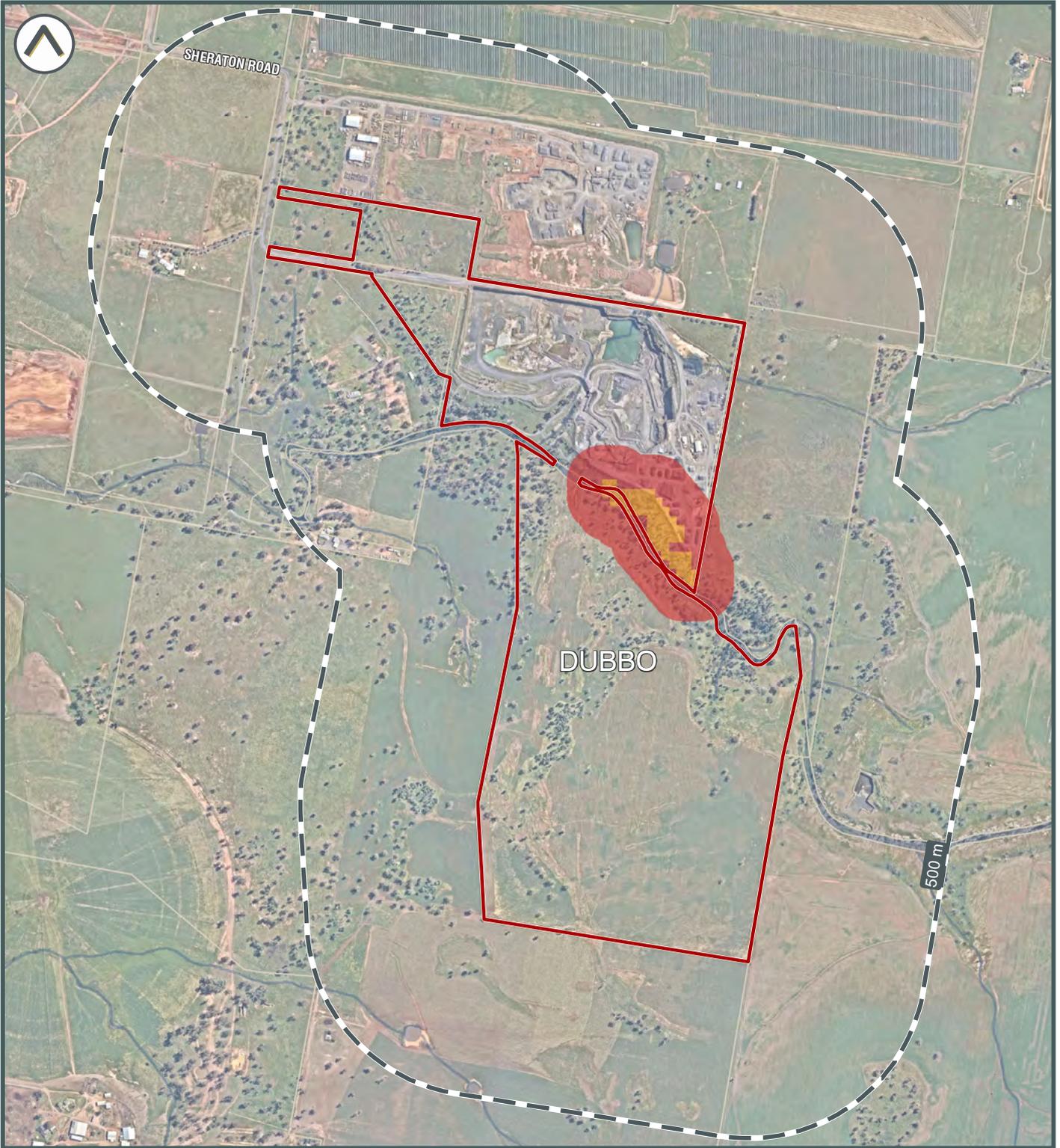
Commonwealth Heritage List (CHL)

World Heritage Area (WHA)



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 Subject area

Flood Hazard

Fire

Bush Fire Prone Land

 Vegetation Buffer

 Vegetation Category 1

Coastal Management



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## ENVIRO-SCREEN

### Property Details

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Sheraton Road, Eulomogo NSW

Search Date: 3 December 2020

# Executive Summary

Dataset	Identified	Not identified
Sensitive Receptors		
Planning Controls		
Soil Landscape		
Salinity		
Radon		
Acid Sulfate Soil		
Geology		
Naturally Occurring Asbestos Potential (NOA)		
Topography		
Hydrogeology		
Groundwater Bores		
Groundwater Dependent Ecosystems		
Other Bores		
<b>Environmental Registers, Licences and Incidents</b>		
Contaminated Land Record of Notices		
Sites Notified as Contaminated to the NSW EPA		
<b>Potentially Contaminated Areas</b>		
<i>Defence Sites (current, former and RCIP)</i>		
<i>Former Gasworks Sites</i>		
<i>PFAS Sites</i>		
<b>Licensing under the POEO Act</b>		
<i>Licences</i>		
<i>Surrendered Licences still Regulated by EPA</i>		
<i>Clean Up and Penalty Notices</i>		
<b>NPI Industrial Facilities</b>		
<b>Public Register of Properties Affected by Loose-Fill Asbestos Insulation</b>		
<b>Other Potentially Contaminating Activities</b>		
<i>Contamination Legacy Areas</i>		
<i>Derelict Mines and Quarries</i>		
<i>Historical Landfills</i>		
<i>Unexploded Ordnance (UXO) Sites - Department of Defence (DoD)</i>		
<i>Aviation Fuel Depots/Terminals</i>		
<i>Cattle Dip Sites</i>		
<i>Dry Cleaners</i>		
<i>Liquid Fuel Depots/Terminals</i>		
<i>Fire and Rescue Sites</i>		
<i>Gas Terminals</i>		
<i>Mines and Quarries</i>		
<i>Power Stations</i>		
<i>Service Stations</i>		
<i>Substation/Switching Station</i>		
<i>Telephone Exchanges</i>		
<i>Waste Management Facilities</i>		
<i>Wastewater Treatment Facilities</i>		
<b>Current Commercial &amp; Trade Directory Data</b>		
<b>Historic Commercial &amp; Trade Directory Data</b>		
<b>Other Environmental Constraints</b>		
<b>Federal, State and Local Heritage</b>		
<b>Natural Hazards</b>		
<b>State Environmental Planning Policy (Coastal Management)</b>		

---

# Understanding your Report

Your Report has been produced by Land Insight and Resources (Land Insight).

Your Report is based on information available from public databases and sources at the date of reporting. The information gathered relates to land that is within a **200 to 2000 m radius** (buffer zone) from the boundaries of the Property. A smaller or larger radius may be applied for certain records (as listed under records and as shown in report maps).

While every effort is made to ensure the details in your Report are correct, Land Insight cannot guarantee the accuracy or completeness of the information or data provided.

**The report provided by Land Insight includes** data listed on page 3 (table of contents). All sources of data and definitions are provided on the report maps and as listed in the Product Guide (Attached). For a full list of references, metadata, publications or additional information not provided in this report, please contact Land Insight at [info@liresources.com.au](mailto:info@liresources.com.au).

**The report does not include** title searches; dangerous good searches or; property certificates (unless requested); or information derived from a physical inspection, such as hazardous building materials, areas of infilling or dumping/spilling of potentially contaminated materials. It is important to note that these documents and an inspection can contain information relevant to contamination that may not be identified by this Report.

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# Section 1 - Property Setting

## 1.1 SITE LOCATION MAP AND SENSITIVE RECEPTORS

Map 1 (200m Buffer)

Sensitive receptor	Category	Distance (m)*	Direction
Dubbo Church of Christ	Place of worship	116	west

\*Distance from the sensitive receptor point feature to the site boundary centroid.

## 1.2 PLANNING CONTROLS

Map 2 (onsite)

### Zoning

Code	Classification
IN3 RE2 RU1	Heavy Industrial Private Recreation Primary Production

### Environmental Planning Instruments

Type	Local Environmental Plan	Classification
Not identified	-	-

## 1.3 SOIL AND LAND USE INFORMATION

Map 3a/3b (onsite)

### Soil Landscape

Soil Landscape	Ewg	WONGARBON	Soil Group	EUCHROZEMS
Description	213 km2 gently undulating rises and low hills with some stony hillocks. Basalt. Relief 20 - 60 m; slopes 3 - 8%. Soils include Euchrozems (Gn3.12; Gn3.13) and red (Ug5.37; Ug5.38) and brown (Ug5.32; Ug5.34) cracking clays often exhibiting linear gilgai on slopes. LIMITATIONS Moderate to high fertility; friable surface soils; high waterholding capacity; moderate to high erosion hazard under cultivation; moderate to high shrinkswell potential which may affect foundations.			

### Salinity

Salinity Hazard	Very High	Western Central West Hydrogeological Landscapes
	Moderate	Western Central West Hydrogeological Landscapes

### Radon

Radon Level	Bq/m3	14
-------------	-------	----

Typical radon levels in Australia are low and the values shown are the average values for each census district. For specific location, factors such as the local geology and house type could lead to different values. (ARPANSA).

## Acid Sulfate Soil

ASS Risk Maps (Table 1.3.1)	On the Property?		Within Buffer?	
Class	Not identified		Not identified	
Atlas of Australian Acid Sulfate Soil (Table 1.3.2)	Bn(p4)	ASS in inland lakes, waterways, wetlands and riparian zones	Probability of Occurrence	Low Probability of occurrence

Table 1.3.1. Classification scheme in the ASS Planning Maps

Class of Land as shown on ASS Planning Maps	
1	Any works.
2a	Works below the natural ground surface. Works by which the watertable is likely to be lowered.
2b	Works other than ploughing below the natural ground surface. Works by which the watertable is likely to be lowered.
3	Works more than 1 metre below the natural ground surface. Works by which the watertable is likely to be lowered more than 1 metre below the natural ground surface.
4	Works more than 2 metres below the natural ground surface. Works by which the watertable is likely to be lowered more than 2 metres below the natural ground surface.
5	Works within 500 metres of adjacent Class 1, 2a, 2b, 3 or 4 land that is below 5 metres Australian Height Datum and by which the watertable is likely to be lowered below 1 metre Australian Height Datum on adjacent Class 1, 2a, 2b, 3 or 4 land.

For each class of land, the maps identify the type of works likely to present an environmental risk if undertaken in the particular class of land. If these types of works are proposed, further investigation is required to determine if ASS are actually present and whether they are present in such concentrations as to pose a risk to the environment.

Table 1.3.2. Atlas of Australian Acid Sulfate Soils<sup>1</sup> (ASRIS) (CSIRO/NatCASS)

Code	Distinguishing soil/sediment properties, vegetation, landforms, or other characteristics
<b>Probability of Occurrence of ASS<sup>1</sup></b>	
<b>A</b>	<b>High Probability of occurrence</b> - (>70% chance of occurrence in mapping unit)
<b>B</b>	<b>Low Probability of occurrence</b> - (6-70% chance of occurrence in mapping unit)
<b>C</b>	<b>Extremely low probability of occurrence</b> - (1-5% chance of occurrence in mapping unit)
<b>D</b>	<b>No probability of occurrence</b> - (<1% chance of occurrence in mapping unit)
<b>x</b>	<b>Disturbed ASS<sup>1</sup> terrain</b> - (ASS <sup>1</sup> material present below urban development).
<b>u</b>	<b>Unclassified</b> - (Insufficient information to classify map unit)
<b>Zones</b>	
<b>a</b>	Potential acid sulfate soil material and/or Monosulfidic Black Ooze (MBO).
<b>b, c</b>	Potential acid sulfate soil generally within upper 1 m.
<b>c, d, e</b>	ASS <sup>1</sup> generally within upper 1 m.
<b>f</b>	ASS <sup>1</sup> generally below 1 m from the surface
<b>g</b>	ASS <sup>1</sup> , generally below 3 m from the surface.
<b>h</b>	ASS <sup>1</sup> generally within 1 m of the surface.
<b>i, j</b>	ASS <sup>1</sup> generally below 1 m of the surface.
<b>k</b>	ASS <sup>1</sup> material and/or Monosulfidic Black Ooze (MBO).
<b>l, m, n, o, p, q</b>	ASS <sup>1</sup> generally within upper 1 m in wet / riparian areas.
<b>Subscripts to codes</b>	
<b>(a)</b>	Actual acid sulfate soil (AASS) = sulfuric material.
<b>(p)</b>	Potential acid sulfate soil (PASS) = sulfidic material.
<b>(q)</b>	Monosulfidic Black Ooze (MBO) is organic ooze enriched by iron monosulfides.
<b>Confidence levels</b>	
<b>(1)</b>	All necessary analytical and morphological data are available
<b>(2)</b>	Analytical data are incomplete but are sufficient to classify the soil with a reasonable degree of confidence

Code	Distinguishing soil/sediment properties, vegetation, landforms, or other characteristics
<b>Probability of Occurrence of ASS<sup>1</sup></b>	
(3)	No necessary analytical data are available, but confidence is fair, based on a knowledge of similar soils in similar environments
(4)	No necessary analytical data are available, and classifier has little knowledge or experience with ASS, hence classification is provisional

<sup>1</sup>Acid Sulfate Soils (ASS) are all those soils in which sulfuric acid may be produced, is being produced, or has been produced in amounts that have a lasting effect on main soil characteristics (Pons 1973). Acid sulfate soil (ASS) may include PASS or AASS + PASS. Potential acid sulfate soil (PASS) = sulfidic material. Actual acid sulfate soil (AASS) = sulfuric material.

## 1.4 GEOLOGY AND TOPOGRAPHY

Map 4 (onsite)

### Geology

Map Sheet	Code	Formation	Group	Dominant Lithology	Description
Dubbo 1:100 000 Geological Map	Tutn	Napperby Formation	Ungrouped Triassic units	Sandstone	Finely laminated quartzose sandstone, claystone and siltstone interbedded with thick, massive or cross-bedded sandstone; minor conglomerate. Common bioturbation and mudcracks.
	J__p	Purlawaugh Formation	-	Sandstone	Fine- to medium-grained, lithic to labile sandstone, thinly interbedded with siltstone, mudstone and thin coal seams. Abundant carbonaceous fragments, thin beds of flint clay.
	NMdud	Dubbo Volcanics	Dubbo Volcanic Complex	Basalt	Dominantly high potassium (high-K) alkali olivine basalts and transitional to tholeiites with uncommon hawaiite and rare mugearites.
	Q_a	Alluvium	Alluvium	Clastic sediment	Unconsolidated grey to brown to beige humic ( $\pm$ )micaceous silty clay, quartz-( $\pm$ )lithic silt, fine- to medium-grained quartz-rich to quartz-lithic sand, polymictic pebble to cobble gravel (as sporadic lenses); sporadic palaeosol horizons.

### Naturally Occurring Asbestos Potential (NOA)

Category	On the Property?	Within Buffer?
Not identified	-	-

### Topography

Topography	284-300mAHD
------------	-------------

## Section 2 - Hydrogeology

### 2.1 HYDROGEOLOGY AND GROUNDWATER BORES

Map 5a (500m - 2000m Buffer)

	On the Property?	Within Buffer? <sup>1</sup>
<b>Aquifer Type</b>	Porous, extensive highly productive aquifers Porous, extensive aquifers of low to moderate productivity	Porous, extensive highly productive aquifers Porous, extensive aquifers of low to moderate productivity
<b>Drinking Water Catchments</b>	Not identified	Not identified
<b>Protected Riparian Corridor</b>	Eulomogo Creek	Eulomogo Creek
<b>UPSS Environmentally sensitive zone</b>	Yes	Yes
<b>Wetlands</b>	Not identified	Not identified
<b>Groundwater Bores</b>	Not identified	Yes, see 2.1.1 and 2.1.2

<sup>1</sup> - Groundwater bore buffer size will change depending on the number of GW bores found within buffer; if there are less than 7 bores within buffer, buffer will increase to max 2km until bores are found.

**Table 2.1.1. Groundwater Bore Details**

Groundwater Bore ID	Authorised Purpose	Completion Date	Bore Depth (m)	Drilled Depth (m)	SWL (m)	Salinity	Yield (L/s)	Distance (m)	Direction
GW806866	Null	N/A	20	20	17.5	-	-	0	onsite
GW806864	Null	N/A	31	31	21	-	-	0	onsite
GW806872	Null	N/A	25.9	25.9	21.3	-	-	0	onsite
GW806871	Null	N/A	39.2	37.2	27	-	-	0	onsite
GW803646	Manufacturing and industry	16-04-08	10	0	-	-	-	0	onsite
GW806867	Null	N/A	26.5	26.5	-	-	-	0	onsite
GW806869	Null	N/A	22.7	22.7	-	-	-	0	onsite
GW806873	Null	N/A	20.3	20.3	-	-	-	0	onsite
GW806884	Null	N/A	25	25	-	-	-	0	onsite
GW806885	Null	N/A	16.1	16.1	-	-	-	0	onsite
GW806886	Null	N/A	17	17	-	-	-	0	onsite
GW807304	Null	N/A	43	43	-	-	7.4	44.4	north

Groundwater Bore ID	Authorised Purpose	Completion Date	Bore Depth (m)	Drilled Depth (m)	SWL (m)	Salinity	Yield (L/s)	Distance (m)	Direction
GW801341	Unknown	12-01-92	0	83	-	-	-	126.4	west
GW066567	Household	12-03-90	30	30	8.2	-	2.1	162.2	south-west
GW011014	Water supply for livestock	01-08-54	67.1	67.1	-	-	-	216.4	north-west
GW003368	Unknown	01-10-35	49.68	49.68	34.7	Fresh	0.91	226.9	north
GW801339	Unknown	10-01-92	0	29	-	-	-	274.6	north-west
GW019604	Water supply for livestock	01-08-62	41.1	41.2	24.4	501-1000 ppm	1.52	334	east
GW801342	Unknown	22-04-91	0	72	-	-	-	343	south-west
GW066591	Unknown	27-03-90	0	93	-	-	-	394.6	west
GW060590	Unknown	01-01-34	11	0	-	-	-	426	south-west
GW000222	Unknown	01-06-18	17.5	17.5	-	-	-	429.9	east
GW801338	Unknown	08-01-92	0	149	-	-	-	474.2	north-west

**Table 2.1.2. Groundwater Bore Driller Lithology Details**

Groundwater Bore ID	From Depth – To Depth (m)	Lithology	Distance (m)	Direction
GW803646	#N/A		0.00	onsite
GW806864	#N/A		0.00	onsite
GW806866	#N/A		0.00	onsite
GW806867	#N/A		0.00	onsite
GW806869	#N/A		0.00	onsite
GW806871	#N/A		0.00	onsite
GW806872	#N/A		0.00	onsite
GW806873	#N/A		0.00	onsite
GW806884	#N/A		0.00	onsite
GW806885	#N/A		0.00	onsite
GW806886	#N/A		0.00	onsite
GW807304	#N/A		44.40	north
GW801341	0m-1m Topsoil 1m-4m Clay, red brown 4m-5m Clay, yellow 5m-21m Sandstone, damp 21m-36m Mudstone, grey 36m-38m Sandstone 38m-56m Mudstone, grey 56m-60m Sandstone 60m-78m Mudstone, grey 78m-83m Sandstone		126.40	west

GW066567	#N/A	162.20	south-west
GW011014	0m-3.05m Soil 3.05m-27.43m Clay coloured 27.43m-33.53m Coal shale 33.53m-57.91m Shale 57.91m-60.96m Sandstone white 60.96m-67.06m Shale	216.40	north-west
GW003368	0m-0.61m Boulders 0.61m-4.57m Basalt 4.57m-21.34m Clay 21.34m-27.74m Gravel 27.74m-28.35m Sand 28.35m-49.68m Sandstone water supply	226.90	north
GW801339	0m-1m Topsoil 1m-10m Basalt, weathered 10m-19m Clay, yellow 19m-25m Clay, yellow/brown 25m-29m Sand	274.60	north-west
GW019604	0m-1.52m Clay 1.52m-3.05m Basalt loose 3.05m-16.76m Pipe clay white 16.76m-23.16m Gravel clean 23.16m-26.21m Pipe clay white 26.21m-33.53m Shale 33.53m-41.15m Sandstone water supply	334.00	east
GW801342	0m-1m Topsoil 1m-8m Sandstone 8m-40m Siltstone 40m-46m Sandstone 46m-50m Siltstone 50m-55m Sandstone, fine 55m-72m Siltstone	343.00	south-west
GW066591	0m-1.5m Topsoil 1.5m-6.2m Hard siltstone with clay bands 6.2m-19m Sand & clay 19m-26m Sandstone 26m-71m Siltstone 71m-93m Basalt	394.60	west
GW060590	#N/A	426.00	south-west
GW000222	0m-1.52m Clay 1.52m-2.74m Boulders 2.74m-17.53m Basalt	429.90	east
GW801338	0m-1m Topsoil 1m-4m Clay, red brown 4m-5m Clay, yellow 5m-21m Sandstone, damp 21m-36m Mudstone, grey 36m-38m Sandstone 38m-56m Mudstone, grey 56m-60m Sandstone 60m-78m Mudstone, grey 78m-84m Sandstone 84m-119m Mudstone, brown, with sandstone layers 119m-143m Schist, weathered 143m-149m Schist, fresh	474.20	north-west

## 2.2 HYDROGEOLOGY AND OTHER BOREHOLES

Map 5b (500m Buffer)

	On the Property?	Within Buffer?
<b>Groundwater Vulnerability</b>	Not identified	Not identified
<b>Groundwater Exclusion Zones<sup>1,2</sup></b>	Not identified	Not identified
<b>Hydrogeologic Unit</b>	Tertiary Basalt Aquifer (fractured rock) Late Permian/Triassic intrusives and volcanics fractured rock aquifers	Tertiary Basalt Aquifer (fractured rock) Late Permian/Triassic sediments (porous media - consolidated) Late Permian/Triassic intrusives and volcanics fractured rock aquifers
<b>Other known borehole investigations</b>	Not identified	Not identified

<sup>1</sup> - Botany Groundwater Management Zones (BGMZ): Zone 1 – the use of groundwater remains banned; Zones 2 to 4 – domestic groundwater use is banned, especially for drinking water, watering gardens, washing windows and cars, bathing, or to fill swimming pools.

<sup>2</sup> - Williamstown Groundwater Management Zones (WGMZ): Primary Management Zone – this area has significantly higher levels of PFAS detected and therefore, the strongest advice applies. Secondary Management Zone – this area has some detected levels of PFAS; Broader Management Zone – the topography and hydrology of the area means PFAS detections could occur now and into the future.

### Groundwater Dependent Ecosystems

Site	On the Property?	Within Buffer?
Ecosystems that rely on the Surface expression of Groundwater	Moderate potential for GW interaction	Moderate potential for GW interaction
Ecosystems that rely on Subsurface presence of Groundwater	Not identified	Not identified

**Table 2.2.1. Other known borehole investigations (Coal Seam Gas (CSG), Petroleum Wells and Other Boreholes) (500m buffer)**

Borehole ID	Purpose	Project	Client/License	Date Drilled	Depth (m)	Distance (m)	Direction
Not identified	-	-	-	-	-	-	-

## Section 3 – Environmental Registers, Licences and Incidents

### 3.1 CONTAMINATED LAND PUBLIC REGISTER

Map 6 (1000m Buffer)

#### Contaminated Land Record of Notices

Site Name <sup>2</sup>	Area n <sup>0</sup>	Address <sup>1</sup>	Notices	Distance (m)	Direction
Not identified	-	-	-	-	-

1. Some addresses do not contain specific street numbers. Records identified as being in the surrounding area have been added for information.

2. Former NSW EPA sites. These sites have been removed from the Record of Notices and/or the Sites Notified lists and are kept here for information purposes only.

#### Sites Notified as Contaminated to the EPA

Site Name <sup>2</sup>	Address <sup>1</sup>	Activity that caused Contamination	EPA Site Management Class <sup>3</sup>	Distance (m)	Direction
Not identified	-	-	-	-	-

1. Some addresses do not contain specific street numbers. Records identified as being in the surrounding area have been added for information.

2. Former NSW EPA sites. These sites have been removed from the Record of Notices and/or the Sites Notified lists and are kept here for information purposes only.

3. The EPA maintains a record of sites that have been notified to the EPA by owners or occupiers as contaminated land. The sites notified to the EPA and recorded on the register are at various stages of the assessment and/or remediation process. Table 5 outlines the possible management status that can be attributed to a registered contaminated site.

Table 3.3.1. EPA Site Management Class Explanation

EPA Site Management Class	
<b>Under Assessment</b>	The contamination is being assessed by the EPA to determine whether regulation is required. The EPA may require further information to complete the assessment. For example, the completion of management actions regulated under the planning process or Protection of the Environment Operations Act 1997. Alternatively, the EPA may require information via a notice issued under s77 of the Contaminated Land Management Act 1997 or issue a Preliminary Investigation Order.
<b>Regulation under the CLM Act not required</b>	The EPA has completed an assessment of the contamination and decided that regulation under the Contaminated Land Management Act 1997 is not required.
<b>Regulation being finalised</b>	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation under the Contaminated Land Management Act 1997. A regulatory approach is being finalised.
<b>Contamination currently regulated under the CLM Act</b>	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation under the Contaminated Land Management Act 1997 (CLM Act). Management of the contamination is regulated by the EPA under the CLM Act. Regulatory notices are available on the EPA's Contaminated Land Public Record.
<b>Contamination currently regulated under the POEO Act</b>	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation. Management of the contamination is regulated under the Protection of the Environment Operations Act 1997 (POEO Act). The EPA's regulatory actions under the POEO Act are available on the POEO public register.
<b>Contamination being managed via the planning process (EP&amp;A Act)</b>	The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation. The contamination of this site is managed by the consent authority under the Environmental Planning and Assessment Act 1979 (EP&A Act) planning approval process, with EPA involvement as necessary to ensure significant contamination is adequately addressed. The consent authority is typically a local council or the Department of Planning and Environment.
<b>Contamination formerly regulated under the CLM Act</b>	The EPA has determined that the contamination is no longer significant enough to warrant regulation under the Contaminated Land Management Act 1997 (CLM Act). The contamination was addressed under the CLM Act.
<b>Contamination formerly regulated under the POEO Act</b>	The EPA has determined that the contamination is no longer significant enough to warrant regulation. The contamination was addressed by the appropriate consent authority via the planning process under the Environmental Planning and Assessment Act 1979 (EP&A Act).

### EPA Site Management Class

<b>Contamination was addressed via the planning process (EP&amp;A Act)</b>	The EPA has determined that the contamination is no longer significant enough to warrant regulation. The contamination was addressed by the appropriate consent authority via the planning process under the Environmental Planning and Assessment Act 1979 (EP&A Act).
<b>Ongoing maintenance required to manage residual contamination (CLM Act)</b>	The EPA has determined that ongoing maintenance, under the Contaminated Land Management Act 1997 (CLM Act), is required to manage the residual contamination. Regulatory notices under the CLM Act are available on the EPA's Contaminated Land Public Record.

## 3.2 POTENTIALLY CONTAMINATED AREAS

Map 6 (1000m Buffer)

### Defence Sites

Site name	RCIP*	Description	Source	Distance (m)	Direction
Not identified	-		-	-	-

\*RCIP (Regional Contamination Investigation Program)

### Former Gasworks Sites

Site name	Description	Source	Distance (m) *	Direction
Not identified	-	-	-	-

### PFAS Sites

Site name	Description	Source	Distance (m) *	Direction
Not identified	-	-	-	-

\*2km search. If the site is not within 1km buffer, it will not be shown on the map.

## 3.3 LICENSING UNDER THE POEO ACT

Map 7 (500m Buffer)

### Licences

EPL Number	Licence holder	Location Name	Premise Address <sup>1</sup>	Fee Based Activity	Distance (m)	Direction
Not identified	-		-	-	-	

<sup>1</sup>. Some sites do not contain specific addresses. Records identified as being in the surrounding area have been added for information.

### Surrendered Licences still Regulated by EPA

Licence N <sup>o</sup>	Licence holder	Location Name	Premise Address <sup>1</sup>	Fee Based Activity	Status	Distance (m)	Direction
Not identified	-		-	-	-	-	-

<sup>1</sup>. Some sites do not contain specific addresses. Records identified as being in the surrounding area have been added for information.

## Clean Up and Penalty Notices

Location ID	Notice N <sup>o</sup>	Notice Type	Licence holder	Location Name	Premise Address <sup>1</sup>	Distance (m)	Direction
711	1593259	s.91 Clean Up Notice	MAAS GROUP PROPERTIES SOUTHLAKES PTY LIMITED	Southlake's Residential Development	SOUTHLAKE'S RESIDENTIAL DEVELOPMENT SITE, DUBBO, NSW, 2830;	450	west

<sup>1</sup>. Some sites do not contain specific addresses. Records identified as being in the surrounding area have been added for information.

### 3.4 NATIONAL POLLUTANT INVENTORY (NPI)

Map 7 (500m Buffer)

Facility name	Address	Primary ANZSIC Class	Latest report	Distance (m)	Direction
Dubbo Quarry	Sheraton Road, Dubbo	Other Construction Material Mining	2018/2019	0	onsite

### 3.5 PUBLIC REGISTER OF PROPERTIES AFFECTED BY LOOSE-FILL ASBESTOS INSULATION

Map 7 (onsite)

Address	Match Found
Not identified	-

## Section 4 – Other Potentially Contaminating Activities

### 4.1 POTENTIALLY CONTAMINATING ACTIVITIES

Map 8a (500m Buffer)

#### Cattle Dip Sites

Site name	Location	Status*	Distance (m)	Direction
Not identified	-	-	-	-

#### Dry Cleaners

Site name	Location	Status*	Distance (m)	Direction
Not identified	-	-	-	-

#### Fire Rescue Sites

Site name	Location	Status*	Distance (m)	Direction
Not identified	-	-	-	-

#### Gas Terminals

Site name	Operator	Location	Status*	Distance (m)	Direction
Not identified	-	-	-	-	-

#### Liquid Fuel Depots/Terminals

Site name	Owner	Location	Status*	Distance (m)	Direction
Not identified	-	-	-	-	-

#### Mines and Quarries

Deposit Name	Method	Location	Status*	Distance (m)	Direction
Dubbo Quarry	Quarry	Sheraton Rd Dubbo NSW 2830	Current	0	onsite

#### Petrol Stations

Site name	Owner	Location	Status*	Distance (m)	Direction
Not identified	-	-	-	-	-

---

## Power Stations

Site name	Owner	Location	Status*	Distance (m)	Direction
Not identified	-	-	-	-	-

## Substation / Switching Stations

Site name	Owner	Location	Status*	Distance (m)	Direction
Not identified	-	-	-	-	-

## Telephone Exchanges

Site name	Location	Status*	Distance (m)	Direction
Not identified	-	-	-	-

## Waste Management Facilities

Site name	Owner	Location	Status*	Distance (m)	Direction
Not identified	-	-	-	-	-

## Wastewater Treatment Facilities

Site name	Operator	Location	Status*	Distance (m)	Direction
Not identified	-	-	-	-	-

### \*Status:

Data is current as when this report was created. However due to the turnover of business locations, some addresses may be former.

Current: business that are operational on the day this report was issued.

Former: business that have been closed or discontinued 1 to 2 years from the day this report was issued. All former sites older than 2 years will be reported in the 'Historical commercial and trade data' section in this report.

## 4.2 CURRENT COMMERCIAL AND TRADE DATA

Map 8b (200m Buffer)

### Current Commercial and Trade Data

Site name <sup>1</sup>	Category	Location	Status <sup>2</sup>	Distance (m)	Direction
MAAS Group	Industrial equipment supplier	20L Sheraton Rd, Dubbo NSW 2830	current	140	north

<sup>1</sup> Data includes categories associated with potentially contaminating activities. All negligible risk data is not reported.

<sup>2</sup> Status: Data is current as when this report was created. However due to the turnover of business locations, some addresses may be former.

Current: business that are operational on the day this report was issued.

Former: business that have been closed or discontinued 1 to 2 years from the day this report was issued. All former sites older than 2 years will be reported in the historical business section in this report.

### Tanks (AST/UST)

ID	Tank type	Description	Status	Distance (m)	Direction
Not identified	-		-	-	-

Note: This is not an exhaustive list of all existing tanks.

## 4.3 FORMER POTENTIALLY CONTAMINATED LAND

Map 8c (500m Buffer)

### Contaminated Legacy Areas

Site Name	Description	Source	Distance (m)	Direction
Not identified	-	-	-	-

Note: This section includes known contaminated areas such as James Hardies Asbestos waste legacy areas, Pasmenco Smelter and Uranium processing site.

### Derelict Mines and Quarries

Site name	Method	Description	Source	Distance (m)	Direction
Not identified	-	-	-	-	-

### Historical Landfills

Site name	Description	Source	Distance (m)	Direction
Not identified	-		-	-

### Unexploded Ordnance (UXO) Areas

Site name	Category	Description	Source	Distance (m)	Direction
Not identified	-	-	-	-	-

#### 4.4 HISTORICAL COMMERCIAL AND TRADE DATA

(not mapped)

##### 1930 Historical Commercial & Trade Directory Data

Activity	Name	Address	Positional accuracy	Distance (m)	Direction
Not identified	-	-	-	-	-

##### 1940 Historical Commercial & Trade Directory Data

Activity	Name	Address	Positional accuracy	Distance (m)	Direction
Not identified	-	-	-	-	-

##### 1950 Historical Commercial & Trade Directory Data

Activity	Name	Address	Positional accuracy	Distance (m)	Direction
Not identified	-	-	-	-	-

##### 1965 Historical Commercial & Trade Directory Data

Activity	Name	Address	Positional accuracy	Distance (m)	Direction
Not identified	-	-	-	-	-

##### 1970 Historical Commercial & Trade Directory Data

Activity	Name	Address	Positional accuracy	Distance (m)	Direction
Not identified	-	-	-	-	-

##### 1975 Historical Commercial & Trade Directory Data

Activity	Name	Address	Positional accuracy	Distance (m)	Direction
Not identified	-	-	-	-	-

##### 1980 Historical Commercial & Trade Directory Data

Activity	Name	Address	Positional accuracy	Distance (m)	Direction
Not identified	-	-	-	-	-

##### 1990 Historical Commercial & Trade Directory Data

Activity	Name	Address	Positional accuracy	Distance (m)	Direction
Not identified	-	-	-	-	-

## 2005 Historical Commercial & Trade Directory Data

Activity	Name	Address	Positional accuracy	Distance (m)	Direction
Not identified	-	-	-	-	-

## 2010 Historical Commercial & Trade Directory Data

Activity	Name	Address	Positional accuracy	Distance (m)	Direction
Not identified	-	-	-	-	-

### Historical data positional accuracy and georeferencing results explanation

Positional accuracy	Georeferenced	Description
<b>Address</b>	Located to the address level	<i>When street address and names fully match.</i>
<b>Street</b>	Located to the street centroid	<i>When street names match but no exact address was found. Location is approximate.</i>
<b>Place</b>	Located to the structure, building or complex	<i>When building, residential complex or structure name match but no exact address was found. Location is approximate.</i>
<b>Suburb</b>	Located to the suburb area	<i>When suburb name match but no exact address was found. Location is approximate.</i>
<b>Not georeferenced</b>	Not found	<i>When it was not georeferenced, and address could not be found.</i>

Land Insight and Resources use a number of different address georeferencing methods and characterised them according to the following criteria: completeness (match rates) and positional accuracy. When address do not contain specific street numbers or a match is not found, records identified as being in the surrounding areas are included for reference.

## Section 5 - Other Environmental Constraints

### 5.1 FEDERAL, STATE AND LOCAL HERITAGE

Map 9 (200m Buffer)

#### Local Environment Plan (LEP) Heritage

Site ID	Site Name	Class	Significance	Distance (m)*	Direction
Not identified	-	-	-	-	-

#### National Heritage List (NHL)

Site ID	Site Name	Class	Status	Distance (m)	Direction
Not identified	-	-	-	-	-

#### Register of the National Estate (RNE)

Site ID	Site Name	Class	Status	Distance (m)	Direction
Not identified	-	-	-	-	-

#### Non-Aboriginal heritage item (Local)

Site ID	Site Name	Class	Status	Distance (m)	Direction
Not identified	-	-	-	-	-

#### Non-Aboriginal heritage item (SHR)\*

Site ID	Site Name	Listing n <sup>o</sup>	Plan n <sup>o</sup>	Distance (m)	Direction
Not identified	-	-	-	-	-

\*State Heritage Register

#### Commonwealth Heritage List (CHL)

Site ID	Site Name	Class	Status	Distance (m)	Direction
Not identified	-	-	-	-	-

#### World Heritage Area (WHA)

Site ID	Site Name	Inscribed	Status	Distance (m)	Direction
Not identified	-	-	-	-	-

## 5.2 NATURAL HAZARDS

Map 10 (500m Buffer)

### Bush Fire Prone Land (BLP)

Category	On the Property?	Within Buffer?
Vegetation buffer	Yes	Yes
Vegetation category 1	Yes	Yes

### Fire History

Category	On the Property?	Within Buffer?
Not identified	-	-

### Flood Hazard

Category	On the Property?	Within Buffer?
Not identified	-	-

## 5.3 COASTAL MANAGEMENT (STATE ENVIRONMENTAL PLANNING POLICY)

Map 10 (500m Buffer)

Type	On the Property?	Within Buffer?
Coastal Wetlands Proximity Area	-	-
Coastal Wetlands	-	-
Coastal Environment Area Map	-	-
Coastal Use Area Map	-	-



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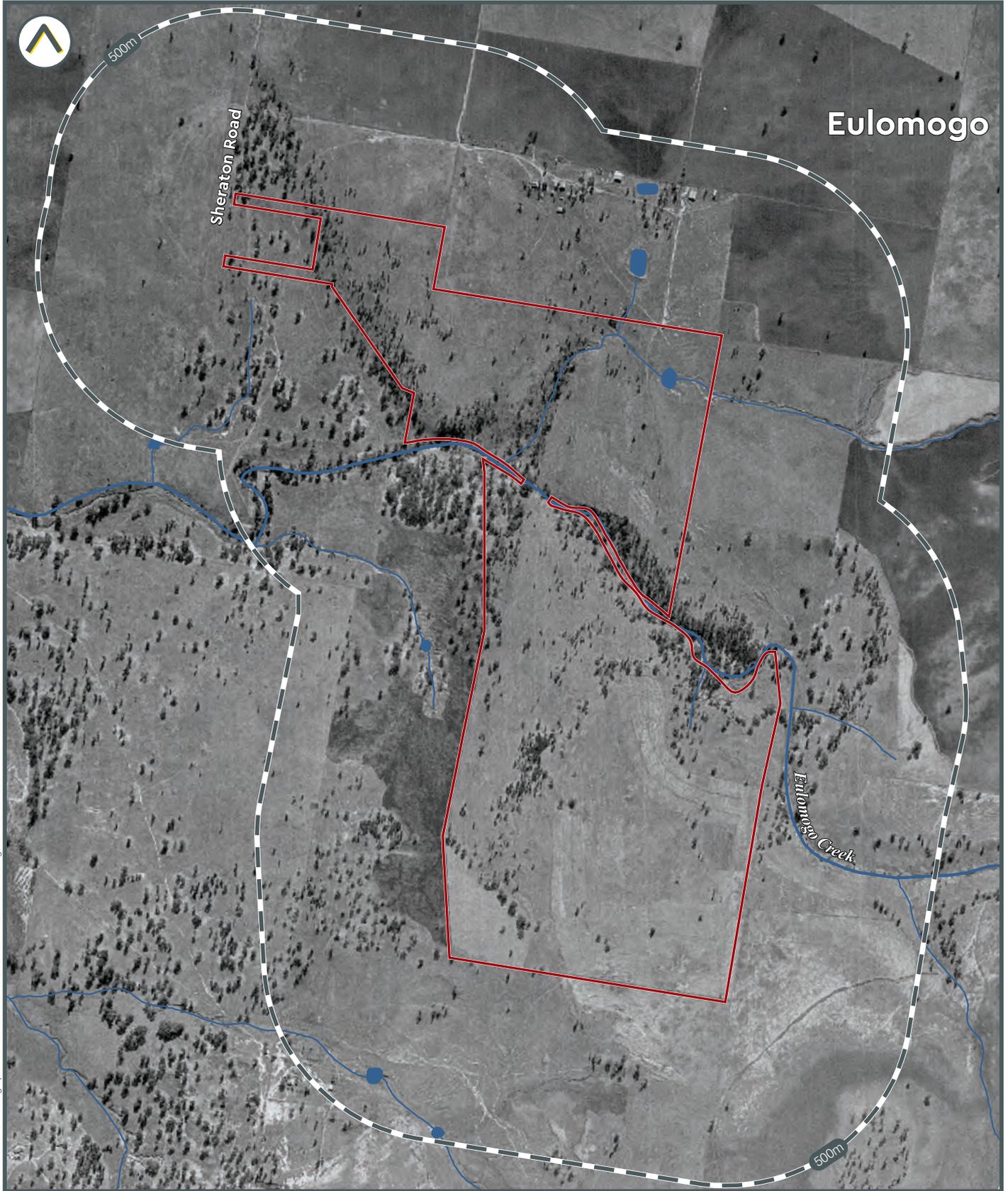
**A** Tower Three, Level 24, 300 Barangaroo Avenue  
Sydney NSW 2000 Australia  
**T** 02 8067 8870  
**E** [info@liresources.com.au](mailto:info@liresources.com.au)  
**W** [www.liresources.com.au](http://www.liresources.com.au)



## ATTACHMENT B

### Historical Imagery





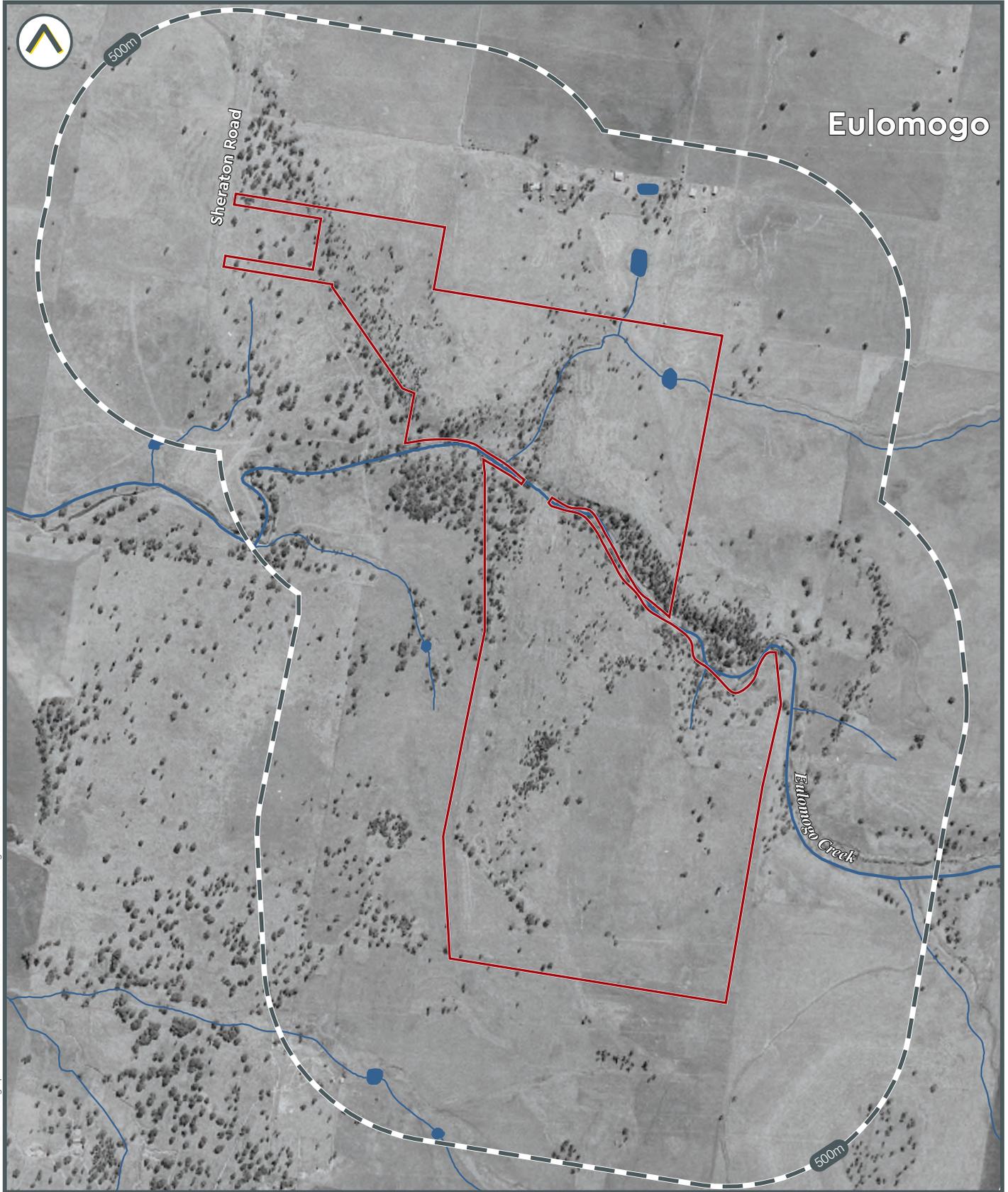
LIR-01590 Aerial Photograph 1964.03.12.2020. Data source: Please refer to 'Digital Data Sources' in the Product Guide

Subject area

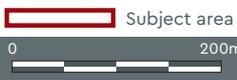
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Due Diligence Insight



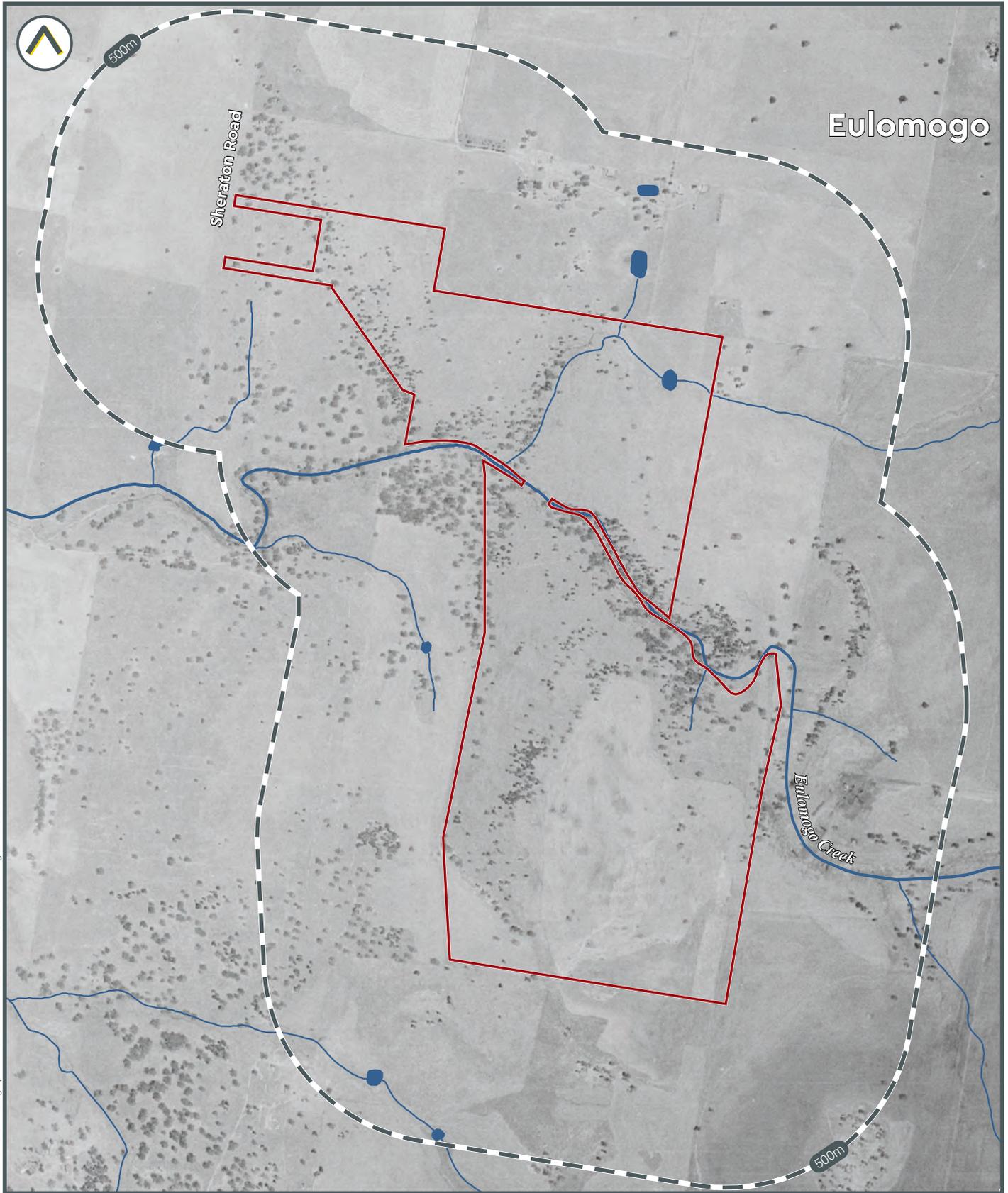
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Due Diligence Insight

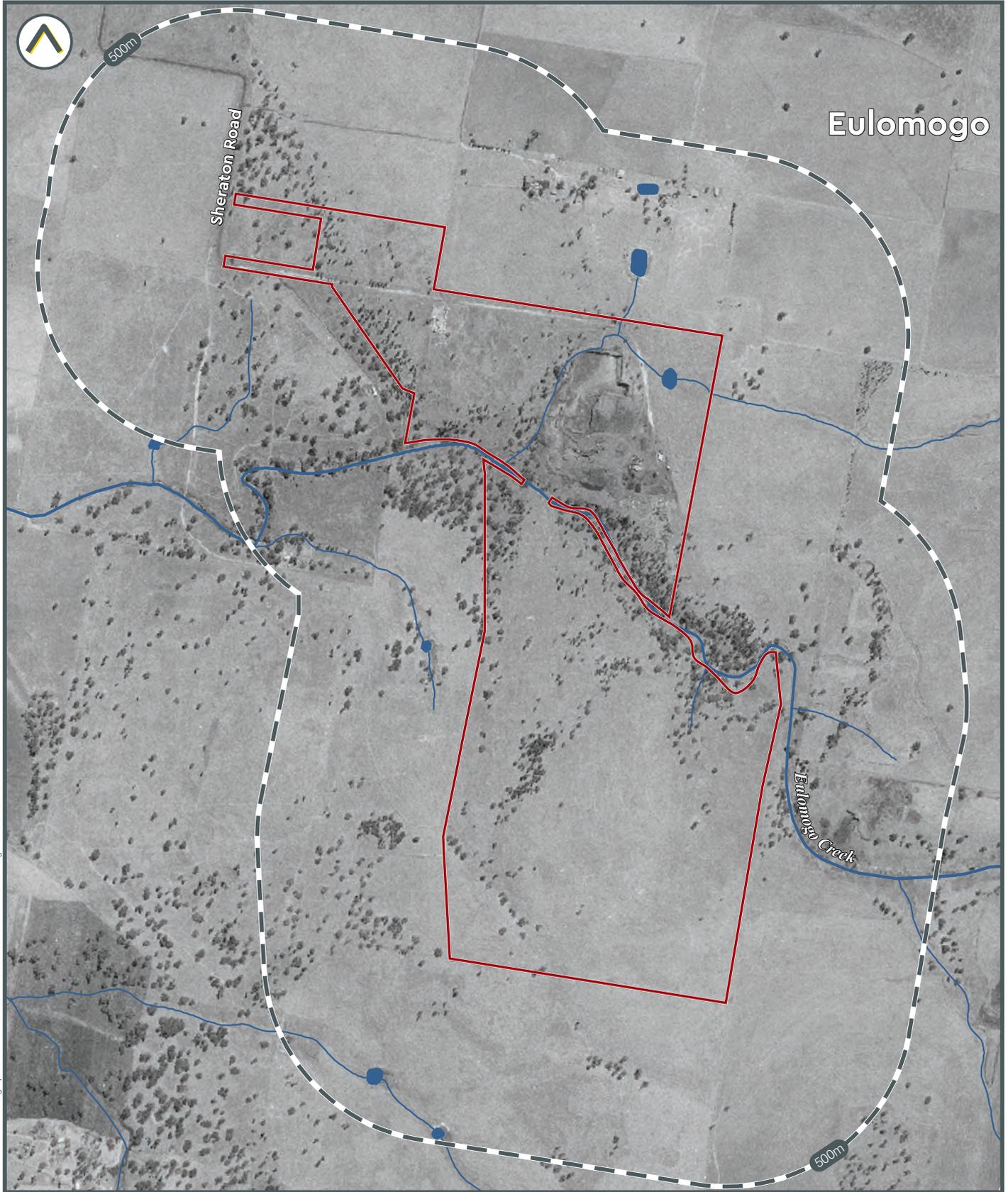


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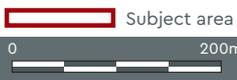
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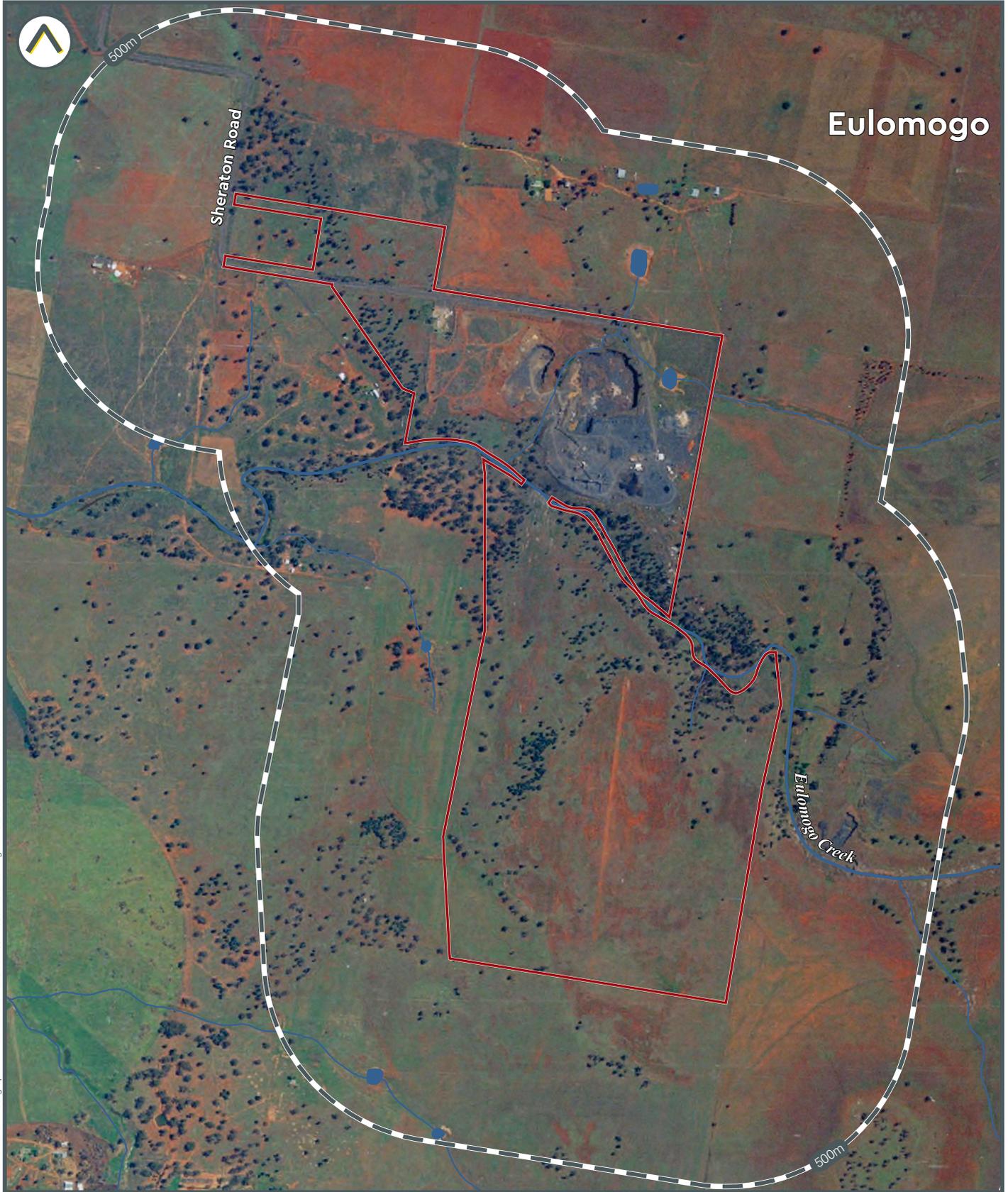


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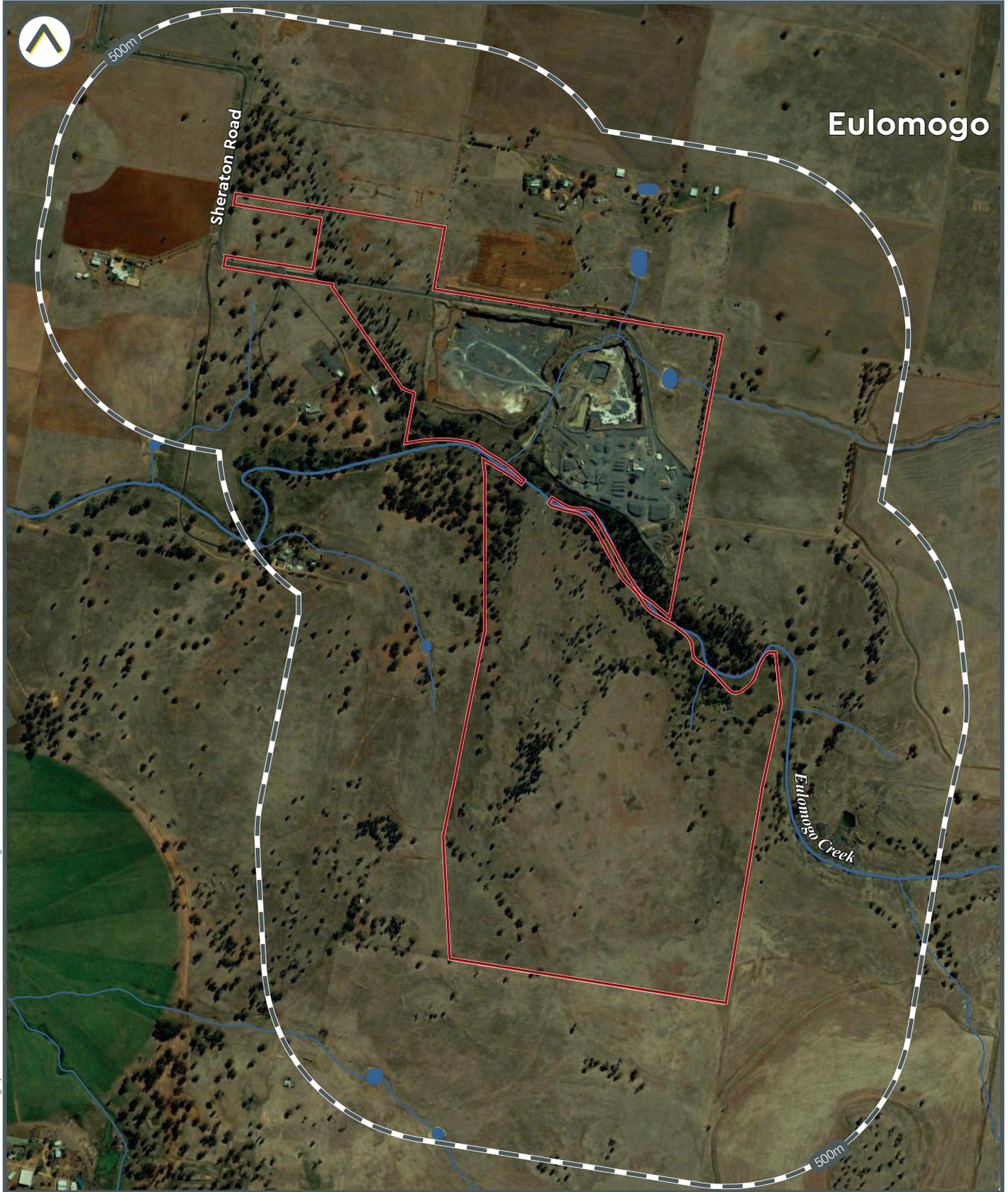
LIR-01590 Aerial Photograph 1995.03.12.2020. Data source: Please refer to "Digital Data Sources" in the Product Guide

Subject area

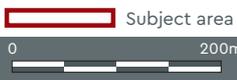


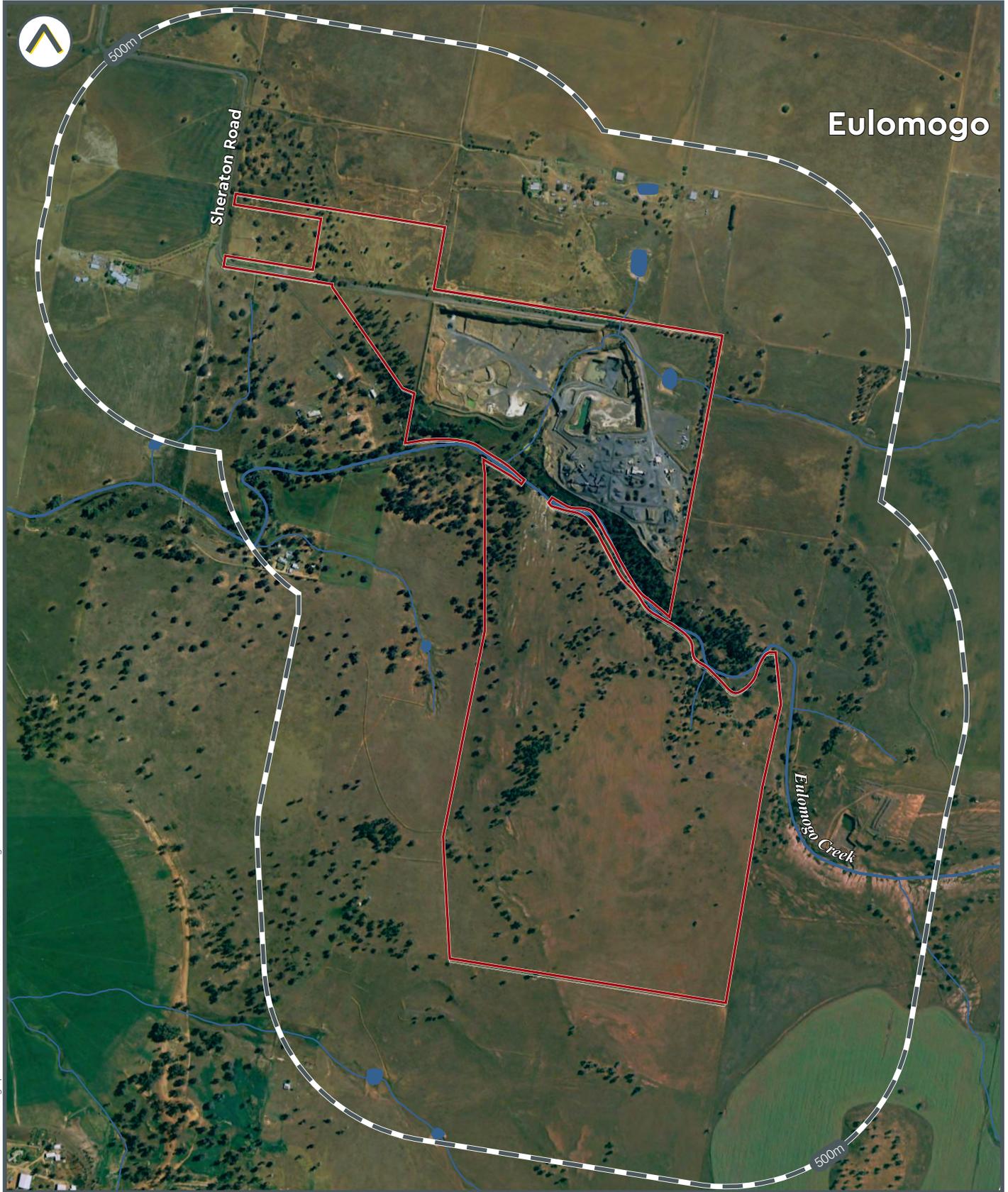
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LIR-01590 Aerial Photograph 2006 03 12 2020. Data source: Please refer to 'Digital Data Sources' in the Product Guide





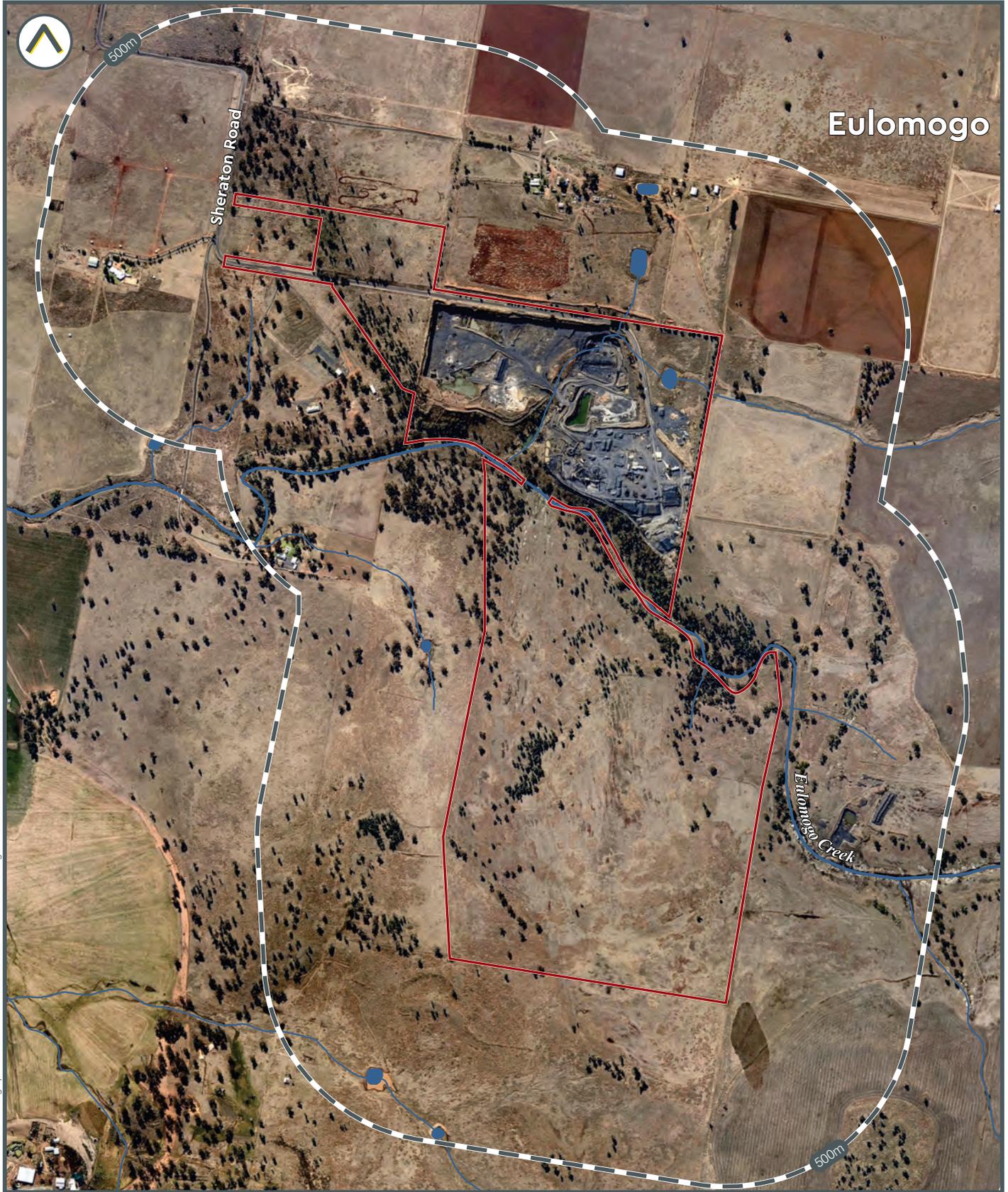
LIR-01590 Aerial Photograph 2009 03 12 2020. Data source: Please refer to 'Digital Data Sources' in the Product Guide

Subject area

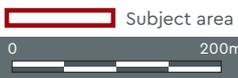


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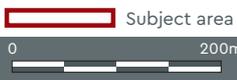


LIR-01590 Aerial Photograph 1971 03 19 2020. Data source: Please refer to 'Digital Data Sources' in the Product Guide



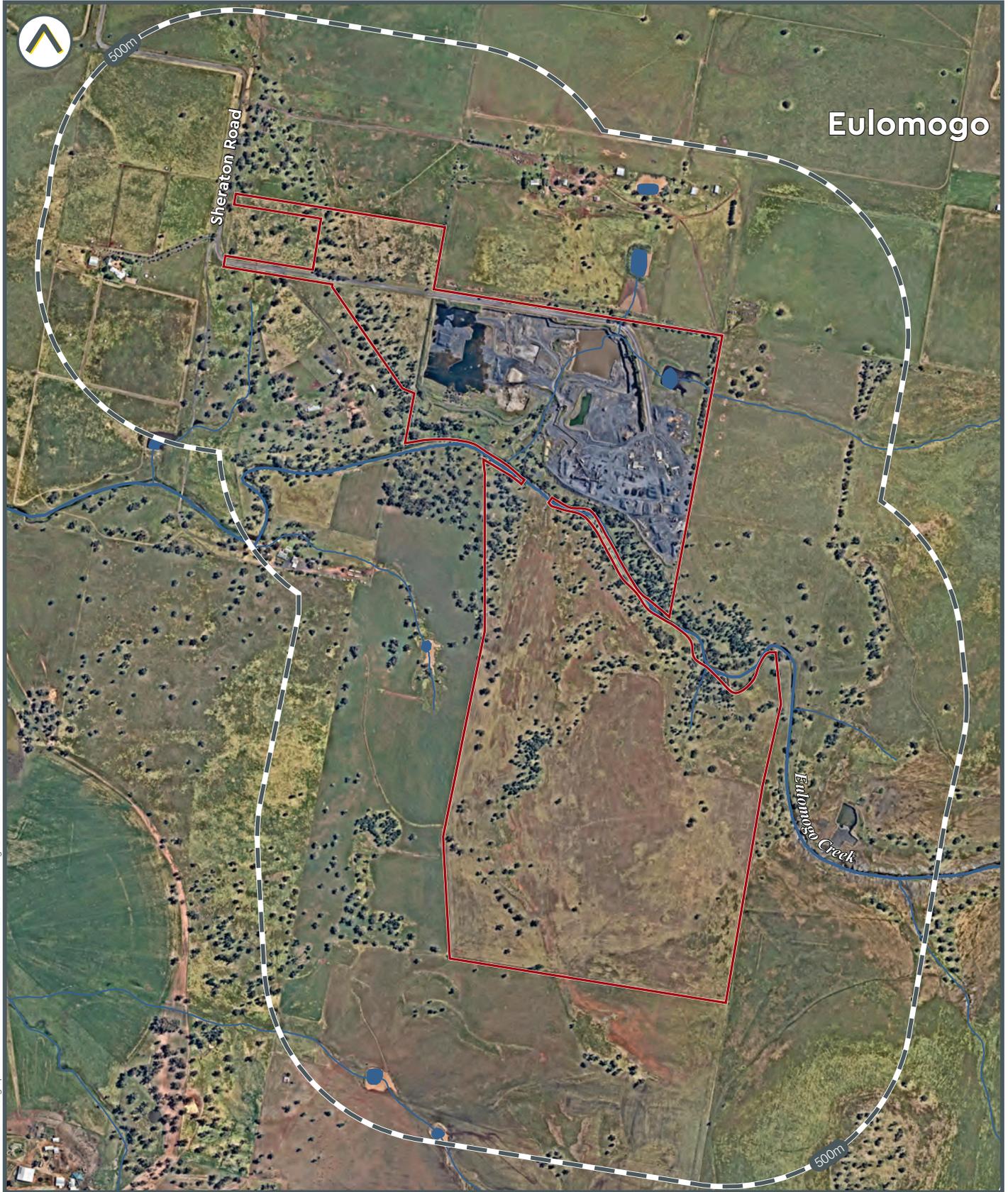


LIR-01590 Aerial Photograph 2014, 03.12.2020. Data source: Please refer to 'Digital Data Sources' in the Product Guide

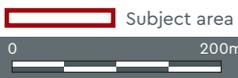


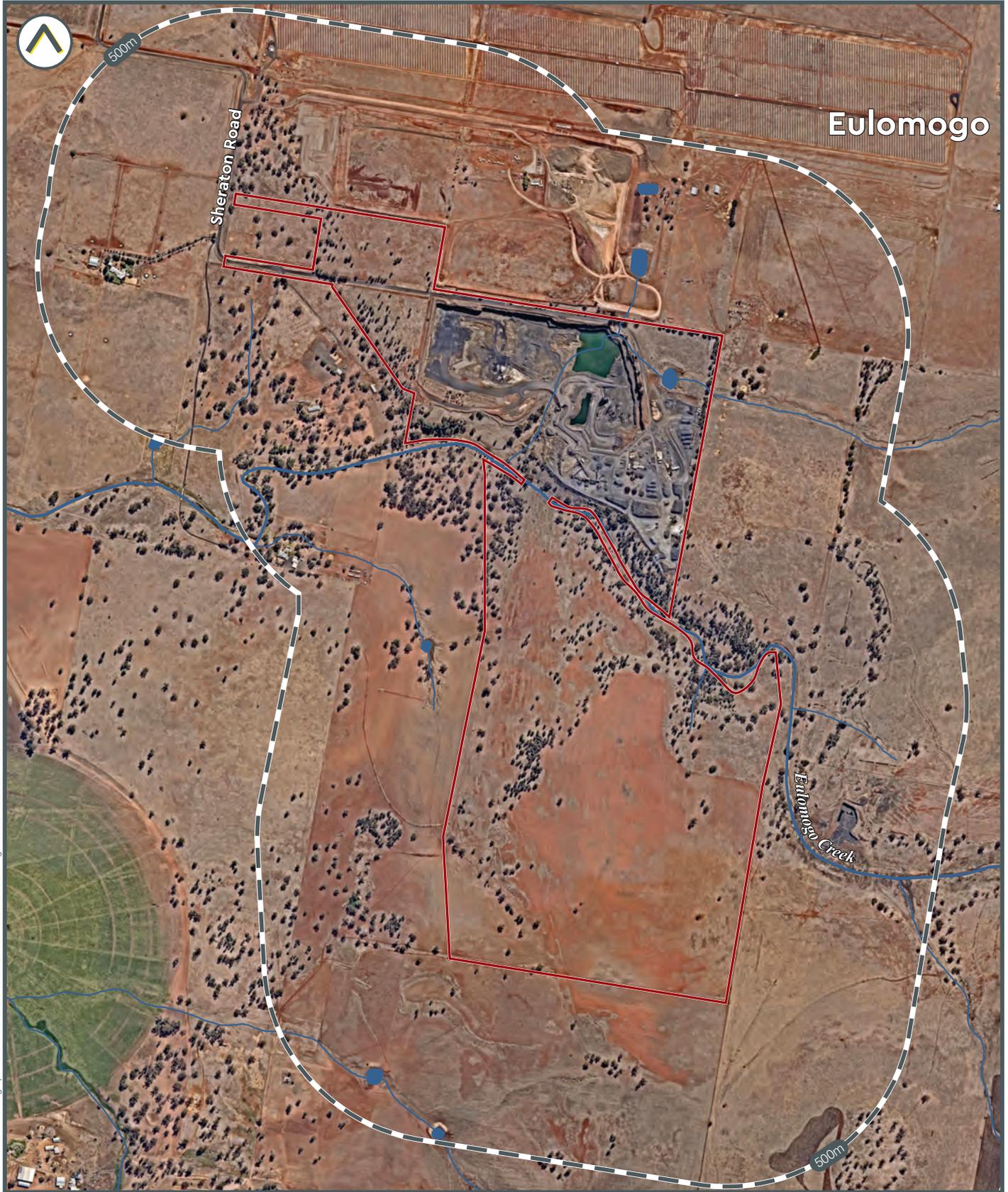
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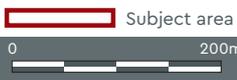


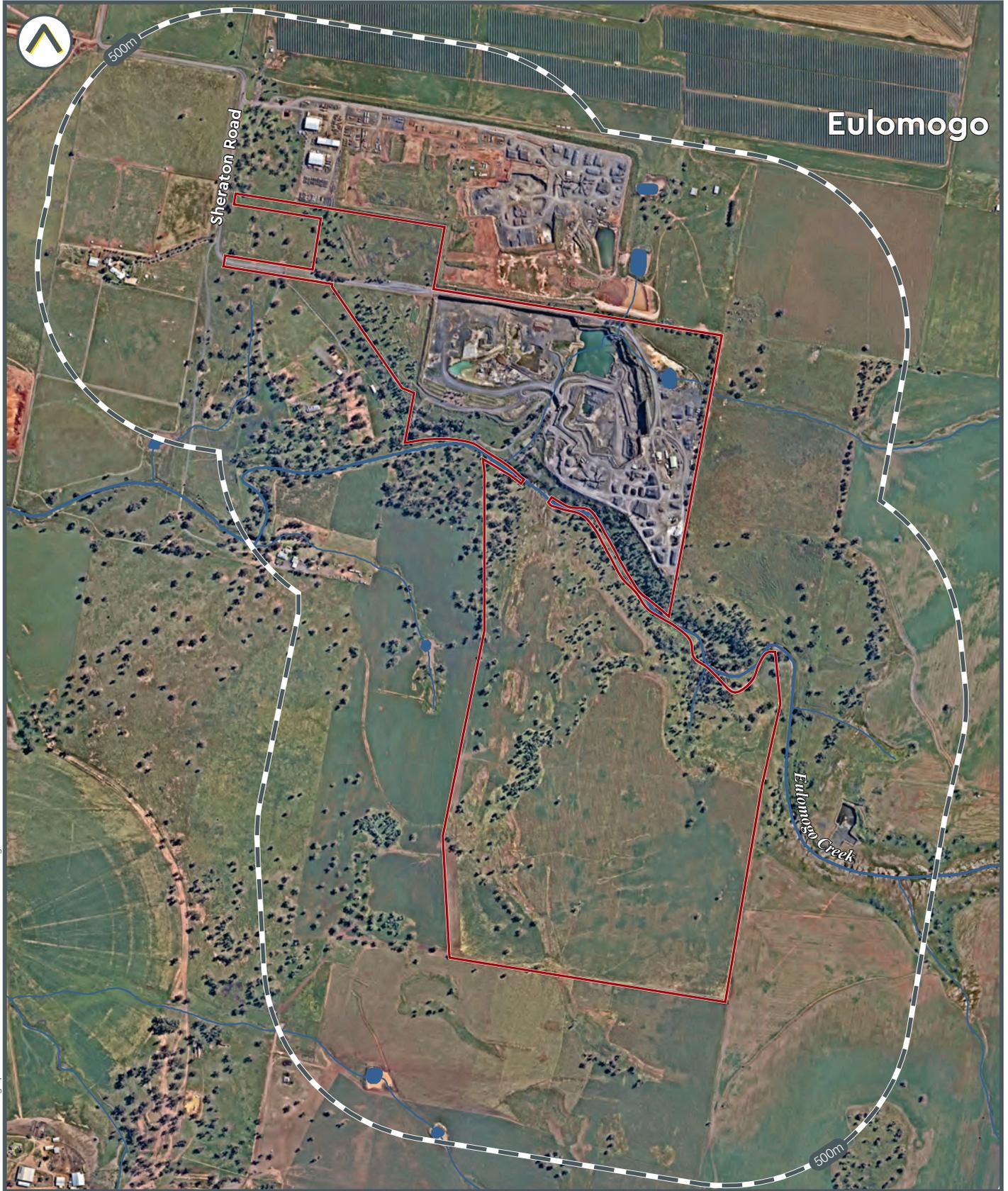
LIR-01590 Aerial Photograph 2016 03 12 2020. Data source: Please refer to 'Digital Data Sources' in the Product Guide





LIR-01590 Aerial Photograph 2018 03.12.2020. Data source: Please refer to "Digital Data Sources" in the Product Guide



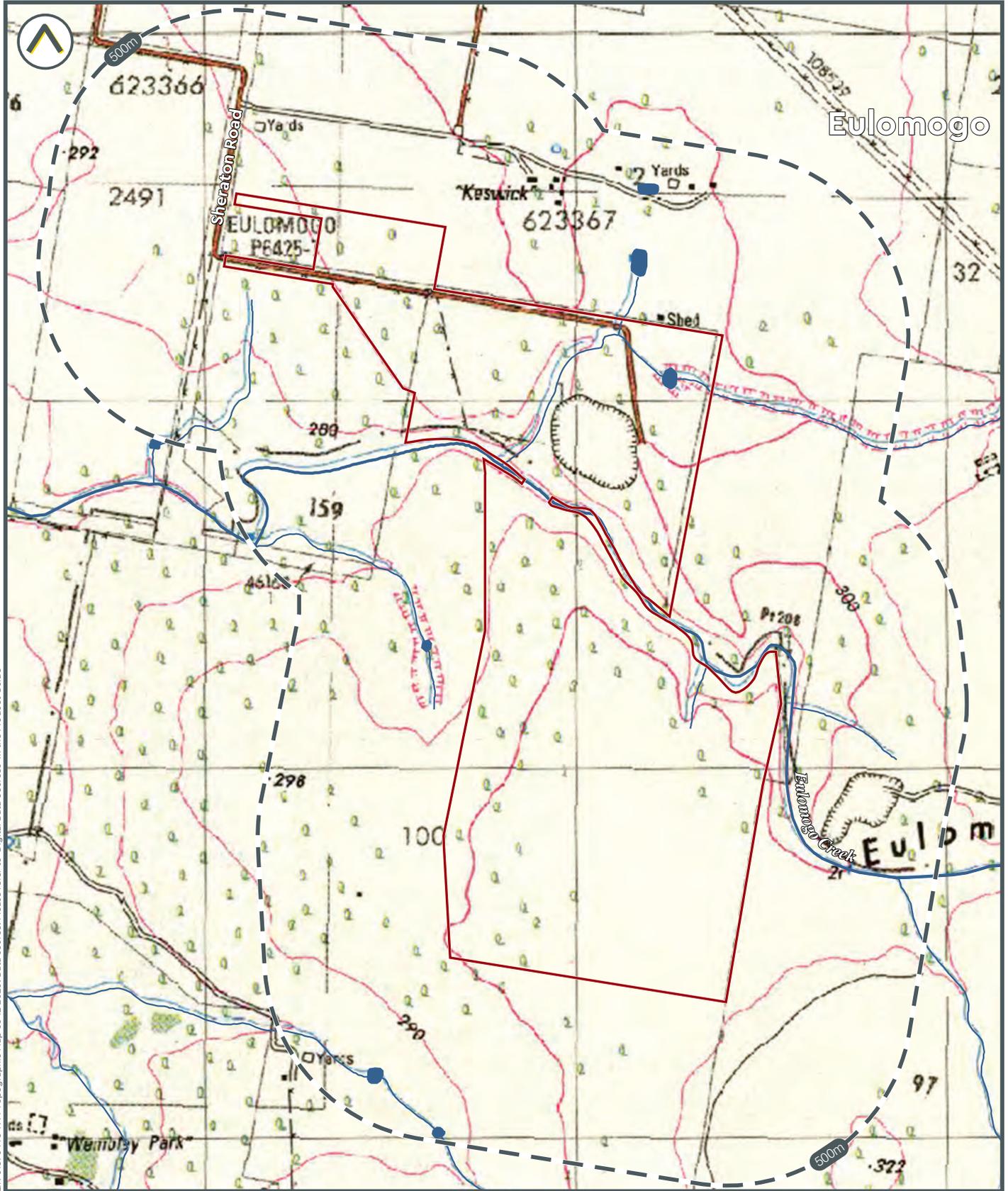


LIR-01590 Aerial Photograph 2020 03 12 2020. Data source: Please refer to 'Digital Data Sources' in the Product Guide

Subject area



Due Diligence Insight



LIR-01590 Pre-1991 Topographic Map 03.12.2020. Data source: Please refer to 'Digital Data Sources' in the Product Guide

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