NT Por 2016	
WUBALAWUN	

ABORIGINAL LAND TRUST

POTENTIAL IRRIGATED AGRICULTURAL CROPS

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Irrigated Crop Group	Group No.	Potential Crops
Field crops	1	Cotton, grains (sorghum, maize, sweet corn, rice), pulses (mung bean, soybean)
	2	Peanut
Hay/Forage crops	3	Sub-tropical grass hay/forage (Rhodes grass, panics, forage sorghum)
Tree crops	4	Mango
	5	Citrus (lime, lemon, mandarin)
Row crops	6	Cucurbits (watermelon, hami melon, honeydew melon, rockmelon, pumpkin)
	7	Solanaceae (capsicum, chilli, eggplant, tomato), lettuce
Root crops	8T	(Trickle Tape) Carrot, onion, sweet potato
	8S	(Overhead Spray) Carrot, onion, sweet potato

	Class 1	Land with negligible limitations Highly productive land requiring only simple management practices to maintain sustainable production.
	Class 2	Suitable land with minor limitations
		Land with minor limitations that either constrain production or require more than the simple management practices of Class 1 land to maintain sustainable production.
	Class 3	Suitable land with moderate limitations
		Land with moderate limitations that further constrain production or require more than the management practices of Class 2 land to maintain sustainable production.
	Class 4	Unsuitable land with severe limitations
		Land with moderate limitations that further constrain production or require more than the management practices of Class 2 land to maintain sustainable production.

Class 5 Unsuitable land with extreme limitations Land with extreme limitations that preclude any possibility of successful or sustained use, either now or in the future.

GENERAL LAND CAPABILITY CLASS

Class 1	Land with negligible constraints that require only a basic level of inputs, expertise and investment to develop and manage the land sustainably.
	(Flood-free; gilgai absent, ECe <2 dS/m; ESP <6%; 0-1% slope; >1.0 m soil depth; rapid to well- drained soil; no surface rock)
Class 2	Land with minor to moderate limitations that require a greater level of inputs, expertise and investment than Class 1 to develop and manage the land sustainably.
	(Flooding extremely rare; and/or gilgai vertical interval <0.3 m; and/or ECe 2-4 dS/m; and/or ESP 6-15%; and/or 1-2% slope; and/or soil depth 0.5-1.0 m; and/or moderately drained soil; and/or 0-2% surface rock)
Class 3	Land with severe constraints that require a high level of inputs, expertise and investment to develop and manage the land sustainably.
	(Flooding rare; and/or gilgai vertical interval 0.3-0.6 m; and/or ECe 4-8 dS/m; and/or ESP 15-20%; and/or 2-3% slope; and/or 0.25-0.5 m soil depth; and/or imperfectly drained soil; and/or 2-10% surface rock)
Class 4	Land with extreme constraints that generally require an unacceptable level of inputs, expertise and investment to develop and manage the land sustainably; making it either impractical, uneconomic or environmentally unsound to proceed.

environmentally unsound to proceed (Regular to permanent flooding; and/or gilgai vertical interval >0.6 m; and/or ECe >8 dS/m; and/or ESP >20%; and/or >3% slope; and/or <0.25 m soil depth; and/or poor to very poorly drained soil; and/or >10% surface rock)

LAND CAPABILITY ASSESSMENT CRITERIA (used to derive the General Land Capability Class)

lusen it	derive the General Land Capabilit	y Classi		•	S
Flooding	g	Sodicity	,		1
	Class 1. Never		Class 1. Non-sodic		
	Class 2. Extremely rare		Class 2. Sodic *	<i>8</i> a1	L
	Class 3. Rare *		Class 3. Strongly sodic *	Landfor	
	Class 4. Regular to permanent		Class 4. Extremely sodic *	Low Rise	
Gilgai M	licrorelief	Soil Dep	oth	Plains	7
	Class 1. None		Class 1. Deep to very deep (>1m)	Tiunis	8
	Class 2. Negligible		Class 2. Moderately deep (0.5-1m)		8
	Class 3. Moderate		Class 3. Shallow (0.25-0.5m)		8
	Class 4. Severe *		Class 4. Very shallow (<0.25m)		0 8
Salinity		Soil Dra	inage	Alluvial I	
	Class 1. Non-saline		Class 1. Well to rapid		9
	Class 2. Slightly saline *		Class 2. Moderately well	Swamps	
	Class 3. Moderately saline *		Class 3. Imperfect		1
	Class 4. Highly to extremely saline *		Class 4. Poor to very poor	Domina	nt
Slope		Surface	Rock		ŀ
	Class 1. Level (0-1%)		Class 1. None (0%)		k
	Class 2. Gentle (1-2%)		Class 2. Negligible (0-2%)		т
	Class 3. Substantial (2-3%)		Class 3. Moderate (2-10%)		١
	Class 4. Excessive (>3%)		Class 4. Abundant (>10%)		
Erosion	Potential			Domina	nt
	Low				C c
	Moderate	LEGENI	D - OTHER Vehicle Tracks		C
	Moderate to high		Water Management Zones (in progress)		v
	High	677	Larrimah survey area		E C
			, Cadastre (Land Parcels)		E
lotes: Class is	not present in this survey.		Aboriginal Land (Scheduled under ALRA)		E
	pe criteria Acid Sulfate and sion were not assessed.	Cadastro	e - Tenure Type		E
	SIGH WEIE HUL USSESSEU.		Freehold		a r
			Pastoral Lease		n
			Crown Lease Perpetual		E c
					U

LAND F	RESOURCES
•	Soil profile sites
775	Larrimah survey area 2015
<i>8a1</i>	Land Units
Landfor	m Class
Low Rise	25
	7a1
Plains	
	8a1; 8a2
	8b1; 8b2; 8b3; 8b4
	8c1; 8c2; 8c3; 8c4; 8c5; 8c6
	8d1
Alluvial I	Plains
	9a2; 9a1
Swamps	
	11a1
Domina	nt Soil Order
	Hydrosols
	Kandosols
	Tenosols
	Vertosols
Domina	nt Vegetation Description
	Corymbia dichromophloia and Erythrophleum chlorostachys mid open woodland
	Corymbia dichromophloia mid open woodland
	Erythrophleum chlorostachys low to mid open woodland
	Eucalyptus microtheca low open woodland
	<i>Eucalyptus patellaris</i> low to mid open woodland
	Eucalyptus tetrodonta and Corymbia dichromophloia mid open woodland
	Eucalyptus tetrodonta and Corymbia setosa mid open woodland
	Eucalyptus tetrodonta and Erythrophleum chlorostachys low to mid open woodland

306000

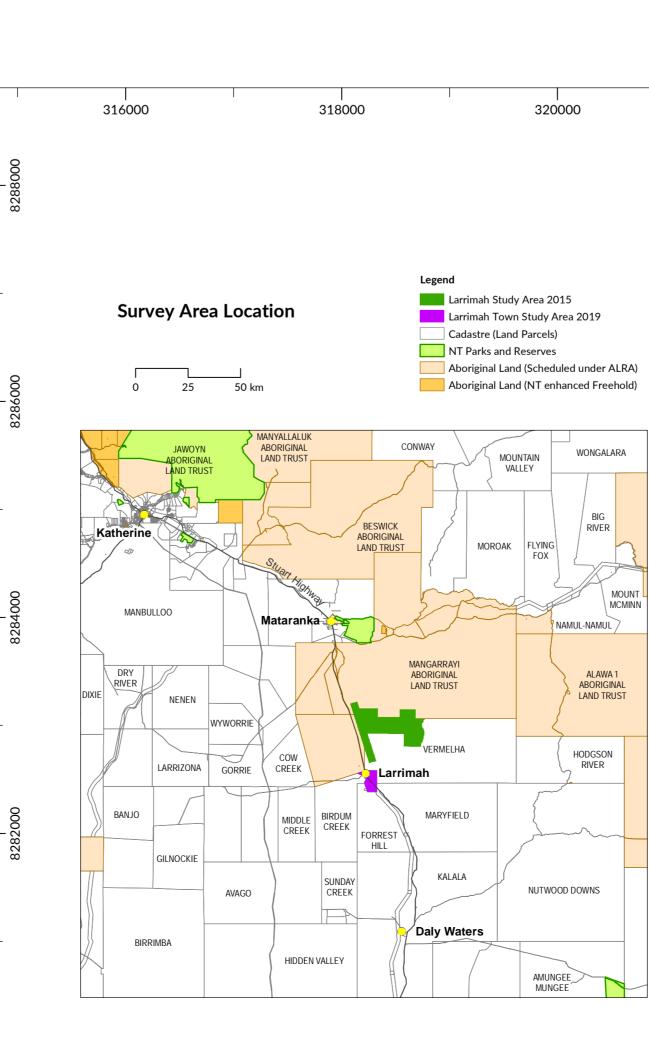
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ALAWA 1 ABORIGINAL LAND TRUST

HODGSON RIVER

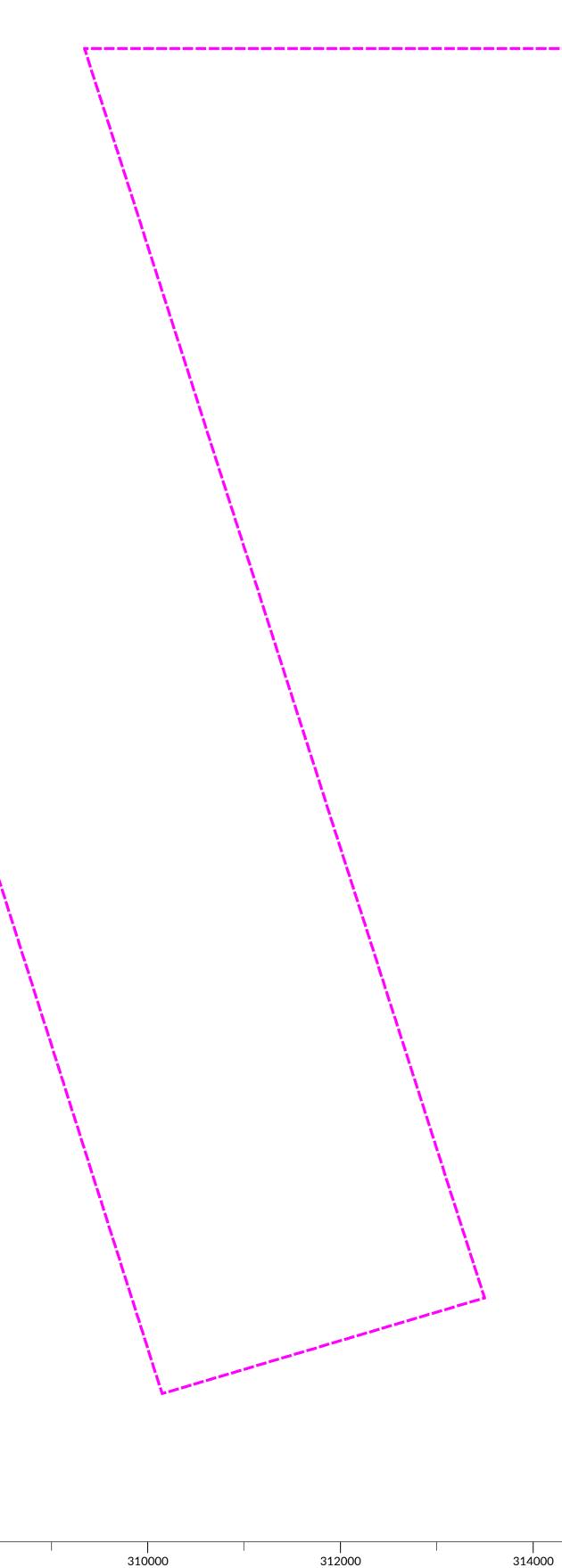
Northern Territory

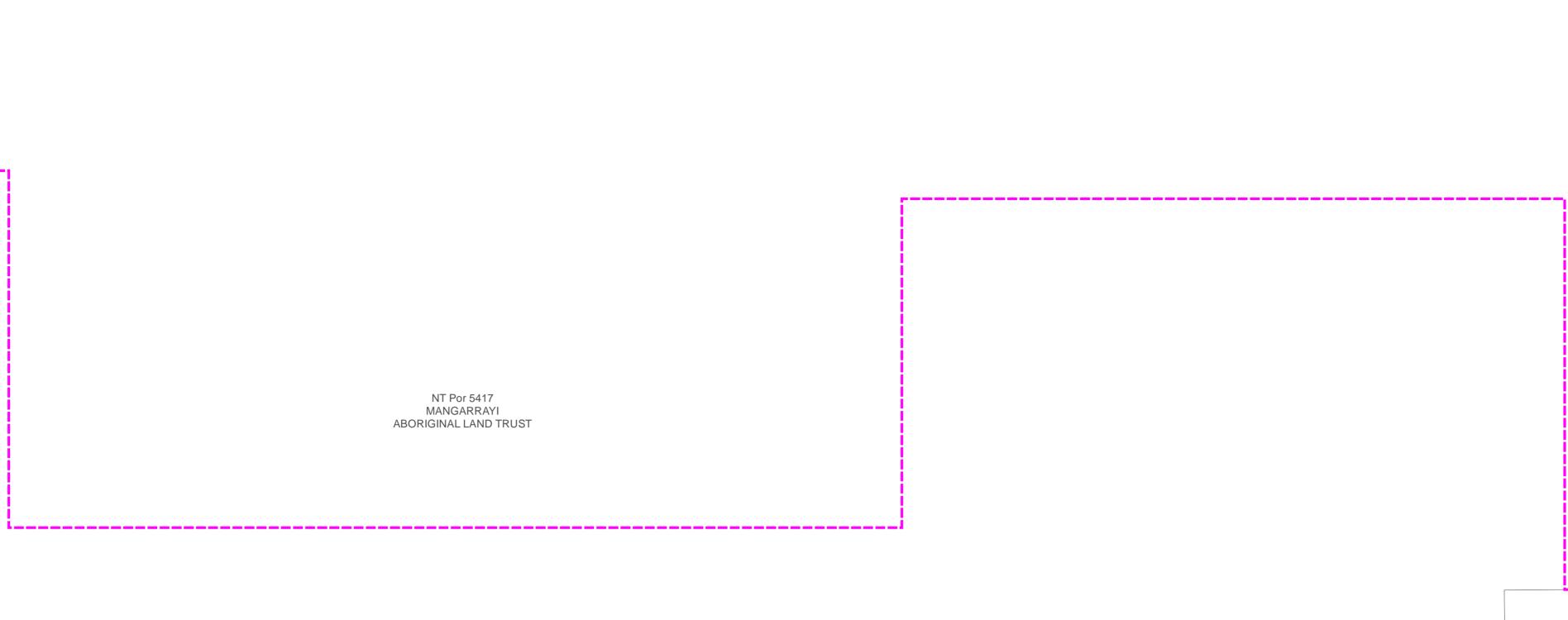
Alice

Springs

Tennant 🍯

Creek





322000 324000 326000

km 0 0.5 1 3 km Black numbered lines on the map grid are 2 000 metre intervals of: Projection - Universal Transverse Mercator (UTM) Map Grid of Australia (MGA), UTM Zone 53 Horizontal Datum - Geocentric Datum of Australia (GDA94)

328000

IMPORTANT NOTICE The Department of Environment, Parks and Water Security has made every reasonable effort to provide current and accurate information, but it does not make any guarantees regarding the accuracy, currency or completeness of the information. This information is intended as a guide only. It does not constitute professional advice and should not be relied upon for legal, development, investment or other decisions. You should obtain professional advice relevant to your specific circumstances and needs. This map does not indicate, imply or ascertain the likelihood of groundwater availability or the granting of appropriate water extraction licensing needed to satisfy potential

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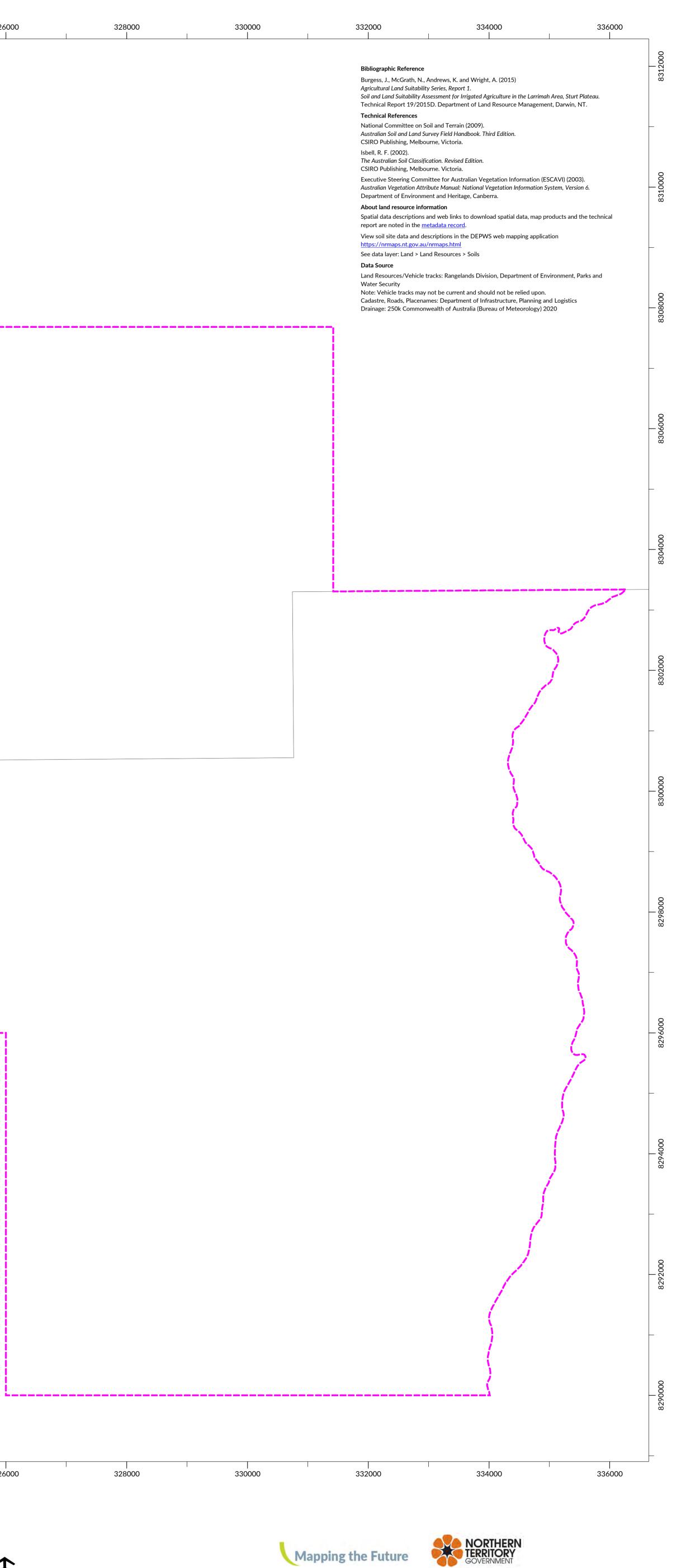
Department of Environment, Parks and Water Security

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About this PDF map This is an interactive PDF map best viewed on screen using Adobe reader. If using Adobe Reader DC protected view, enable all features. - Open folders in the left panel to view the map layers - Show or hide map layers - Turn off colour filled layers above, as they will mask the layer below - Titles will automatically turn on to match the layers - Only display one layer at a time, so the titles do not merge - Page size is 114 x 96 cm. To print, use size B0 with no scaling Land Unit Descriptions - Click on the Attachment icon in the left panel. - Land unit descriptions are attached to this PDF in an Excel spreadsheet.

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Mapping the Future Project - Larrimah

Soil and Land Suitability Assessment for Irrigated Agriculture in the Larrimah Area, Sturt Plateau, 2015

For further information, please contact: Department of Environment, Parks and Water Security (DEPWS) Rangelands Divsion Level 3, Goyder Centre, 25 Chung Wah Terrace, Palmerston Northern Territory of Australia. Phone: (08) 8999 4478
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 rangelands@nt.gov.au

 Web:
 https://depws.nt.gov.au/DevelopmentOpportunities
Map production: C. Green, November 2021. Drawing Ref: DEPWS2021195

Map layers are not visible via web view. Download the PDF map to your computer. Open with Adobe Reader.

Click here to view the interactive map

About viewing this interactive PDF map using Adobe Reader

1. This interactive PDF map contains layers.

- Using Adobe Reader, open the left side panel.
- Click the Layers icon to reveal the folders of map layers.
- Open each folder to see the individual map layers.
- Click the check box to show or hide map layers.
- 2. Turn off colour filled layers above, as they will mask the layer below.
 - Titles will automatically display for most layers.
 - Only display one layer as the titles will merge.

3. View attachments

- Click the attachment icon in the left panel.
- View / download a complete set of land unit attributes in a spreadsheet format.

4. How to add new Adobe tools

Right mouse click on the grey menu toolbar to see Adobe PDF viewing tools.

Tick the tool to add to the menu bar.

The **Marquee Zoom tool** is useful to zoom to a small area on the map.

Show Select & Zoom Tools > Marquee Zoom

To use: Draw a rectangle on the map screen to zoom to that location.

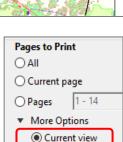
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5. Printing

This interactive PDF map is best viewed on the computer screen.

The map is 114×96 cm. To print to a large format plotter, use page size B0 with no scaling. Only turn on one layer so the titles do not merge.

A smaller area on the map may be printed using the Current View printing option.





Map Base

Land Resources

🛅 Land Capability

Open folders; Show/hide map layer

🛅 Larrimah Area - Land Suitability

Layers

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