INFRASTRUCTURE REQUIREMENTS TO DEVELOP AGRICULTURAL INDUSTRY IN CENTRAL AUSTRALIA

Water Control District	Aboriginal Land Trust (ALT) / Area	Potential Water Allocation (ML)	Potential jobs when fully developed	Approximate direct economic value ($m)	Bore Field & Infrastructure Requirements ($m)
Tennant Creek + Frewena	Karlantijpa ALT	1000	20	$12m	$3.94m
	Warumungu ALT (Frewena)	2000	40		

Water Control District	Aboriginal Land Trust (ALT) / Area	Potential Water Allocation (ML)	Potential jobs when fully developed	Approximate direct economic value ($m)	Bore Field & Infrastructure Requirements ($m)
Western Davenport	Illyarne ALT	1500	30	$26m	$2.9m (Already invested via ABA $3.5m)
	Warrabri ALT	4000	100		
	Murray Downs & Singleton Station	1000			

Water Control District	Aboriginal Land Trust (ALT) / Area	Potential Water Allocation (ML)	Potential jobs when fully developed	Approximate direct economic value ($m)	Bore Field & Infrastructure Requirements ($m)
Ti-Tree	Ahakeye ALT			$14.4m	$3.82m
	community farm	30	5		
	Adelaide bore	1000	20		
	Pine Hill 'B'	1800	20		
	Bushfoods precinct	70	5		
	6 mile farm	400	10		

Water Control District	Aboriginal Land Trust (ALT) / Area	Potential Water Allocation (ML)	Potential jobs when fully developed	Approximate direct economic value ($m)	Bore Field & Infrastructure Requirements ($m)
Alice Springs	A.S. sewerage	3000	60	$7.5m	$2m
	Santa Teresa	1000	20	$2.5m	$2m
	Deep Well	4000	80	$10m	$5m
	Undoolya	2500	50	$7.5m	$3m
	Orange Creek	2000	40	$5m	$3m

Water Control District	Aboriginal Land Trust (ALT) / Area	Potential Water Allocation (ML)	Potential jobs when fully developed	Approximate direct economic value ($m)	Bore Field & Infrastructure Requirements ($m)
Great Artesian Basin	Aputula ALT	5000 + indicated from GAB	100	$20m	$2.5m

TOTALS			
Potential Water Allocation (ML)	Potential jobs when fully developed	Approximate direct economic value ($m)	Bore Field & Infrastructure Requirements ($m)
28,500 +	600	$104.9m	$28.1m

Horticulture
- Aboriginal Land Trust Sites
- Existing Growers
- Native Title Sites

0 20 40 60 Kilometers
GDA94 Geographic
1: 2 500 000

Water Control Districts
- Alice Springs
- Tennant Creek + Frewena
- Ti-Tree
- Western Davenport
- Great Artesian Basin

Land Tenure
- Aboriginal Freehold
- Crown Lease Term
- Freehold
- Perpetual Pastoral Lease
- Reserve
- Vacant Crown

Central Land Council
The Land is Always Alive

Map Number 2010-118c
Print Date 13-12-2010

Central Land Council

- Land Information -

Map Number: 2013-200

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Warumungu Pastoral Project

DATA SOURCES: This map incorporates data which is © Commonwealth of Australia, Geoscience Australia 2006; DPI and DPIFM, NT Govt; Geoimage; AAPA; CLC.

300000 320000 340000 360000 380000 400000 420000 440000 460000 480000 500000 520000 540000 560000 580000

8000000 7980000 7960000 7940000 7920000 7900000 7880000 7860000 7840000 7820000

Powell Creek
Helen Springs
Eva Downs
Anthony Lagoon
Cresswell Downs
Muckaty ALT
Banka Banka West
Barkly Tableland
Brunette Downs
Rockhampton Downs
Brunchilly
Karlantijpa North ALT
Warumungu ALT
Kalumpitja 2 ALT
Kalumpitja ALT
Phillip Creek
Tennant Creek
Warrumungu ALT
Kurnturlpara ALT
Alroy Downs
Dalmore Downs
South ALT

Vegetation Legend

Class

- ACACIA WITH GRASS UNDERSTOREY
- EUCALYPT WITH GRASS UNDERSTOREY
- EUCALYPT WITH HUMMOCK GRASS UNDERSTOREY
- HUMMOCK GRASSLANDS

Description

- 65 A. aneura (Mulga) tall open-shrubland with Eragrostis eriopoda (Woolybutt) open-grassland understorey.
- 69 A. aneura (Mulga) tall sparse-shrubland with Aristida contorta (Bunched Kerosene Grass) or Triodia open-tussock/hummock grassland understorey.
- 95 Astrebla pectinata (Barley Mitchell grass) grassland.
- 107 Chenopodium auricomum (Bluebush) low open-shrubland with ephemeral grassland understorey.
- 34 E. dichromophloia (Variable-barked Bloodwood) low open-woodland with Triodia pungens (Soft Spinifex) hummock grassland understorey.
- 36 E. leucophloia (Snappy Gum) low open-woodland with Triodia pungens (Soft Spinifex), Plectrachne pungens (Curly Spinifex) open-hummock grassland understorey.
- 28 E. microtheca (Coolibah) low open-woodland with Chenopodium auricomum (Bluebush) sparse-shrubland understorey.
- 27 E. microtheca (Coolibah) low open-woodland with open-grassland understorey.
- 96 E. microtheca (Coolibah) low-open woodland with Eulalia aurea (Silky Browntop), Astrebla (Mitchell Grass) grassland understorey.
- 41 E. opaca (Bloodwood) low open-woodland with Plectrachne pungens (Curly Spinifex) hummock grassland understorey.
- 42 E. opaca (Bloodwood) low open-woodland with Triodia pungens (Soft Spinifex) hummock grassland understorey.
- 23 E. prunosa (Silver Box) low woodland with Eulalia aurea (Silky Browntop), Sehima nervosum (White Grass) grassland understorey.
- 39 E. prunosa (Silver Box), Lysiphyllum cunninghamii (Bauhinia) low open-woodland with hummock/tussock grassland understorey.
- 111 Halosarcia (Samphire) low open-shrubland fringing bare salt pans.
- 101 Seasonal grassland with Muehlenbeckia cunninghamii (Lignum) low sparse-shrubland overstorey.
- 75 Triodia pungens (Soft Spinifex) hummock grassland understorey with A. lysiphloia (Turpentine) tall open-shrubland overstorey.
- 76 Triodia pungens (Soft Spinifex), Plectrachne schinzii (Curly Spinifex) hummock grassland with Acacia tall sparse-shrubland overstorey.
- 77 Triodia pungens (Soft Spinifex), Plectrachne schinzii (Curly Spinifex), hummock grassland with Acacia tall sparse-shrubland overstorey between dunes.

Legend

Communities
Major (> 100)
Minor (20-100)
Family (< 20)
Town Camp

Place Names
Landmark
Mountain
Homestead
Populated Place

Landing Ground
Petroleum Well
Storage Tank
Mine
Yard

Cave/Sinkhole
Pinnacle
Cemetery
Building
Ruin

Waterhole
Rockhole/Soak etc
Spring
Windpump
Tank or Dam

Bore
Sand Dune
Contour
Cliff
Levee

Creek (Intermit.)
River (Intermit.)
Pipeline
Pipeline (Undergr.)
Creek
River
Canal

Fence
Major Rd (Sealed)
Major Rd (Unsealed)
Other Rd (Sealed)
Other Rd (Unsealed)
Seismic/Cleared Line
Railway
Track

Walking Track
Recreation Area
Rocky Outcrop
Mine Area
Reserve

Watercourse
Watercourse (Intermit.)
Lake
Lake (Intermittent)
Pondage

Reservoir
Subject to Inundation
Swamp

Warumungu Pastoral Project
10km bore buffer

YIELD (L/s)
0.05 - 4.00
4.50 - 13.00
16.00 - 25.00
50.00

1:250,000
(at A0 Page Size)
0 2.5 5 10 15 20
Kilometers
Projection: UTM Zone 53
Datum: GDA94
N