

Appendix C

Errata

The following are corrections and changes to the National Radioactive Waste Repository Draft EIS.

Main Report

Summary, page 18

Under 'Frequency of Shipments' it is stated that 'Shipments of future waste are also expected to be very low, equivalent to about five 6 m shipping container loads per year.'

This should state 'Shipments of future waste are also expected to be very low, equivalent to about four 6 m shipping container loads per year.'

Section 3.1, page 60

The list of international conventions should also include:

- *Convention for the transboundary movement of hazardous (and other) wastes* (Basel Convention)

Section 3.2, page 61 — second paragraph

The reference to the '*Australian Radiation Protection and Nuclear Safety Act 1999*' should state the '*Australian Radiation Protection and Nuclear Safety Act 1998*'.

Section 3.2.1, page 62

The list of Commonwealth legislation should also include:

- *Hazardous Waste (Regulation of Exports and Imports) Act 1989*.

Section 4.1, page 70 — final paragraph second sentence

Part of the sentence is missing. The sentence should read 'The total inventory is 3700 m³, of which 2228 m³ (60%) is held in South Australia.'

Figure 7.1, page 128 — Principal potential transport routes

The figure is incorrectly labelled as Figure 7.2.

Figure 8.2 — Geology and Watertable Contours

Figure 8.2 is reproduced at a slightly larger scale to improve legibility.

Section 8.5.1, page 161 — fourth paragraph, lines 6 and 8

The abbreviation for Cambrian Andamooka Limestone (Ca) is incorrectly written as Ca.

Section 8.10.3, page 181

The second bullet point at the top of the page states:

- Caesium-137 (¹³⁷Cs) is relatively mobile, with a half-life of 3 x 10⁶ years.

It should state:

- Caesium-135 (¹³⁵Cs) is relatively mobile, with a long half-life of 3×10^6 years. It was chosen as an example of an isotope with a long half life.

Section 9.2.7, page 198

The third paragraph should end as: ‘... and are shown in Figure 7.2.’

The last sentence of the fourth paragraph (Site 40a) should read: Watercourse crossings may be sandy, rocky or clay.

Section 9.3.5, page 204 — last paragraph under heading ‘Murids’

Re the *Notomys fuscus* (dusky hopping-mouse) reported by Kinhill (1997) from near Olympic Dam. The Kinhill reference actually correctly states that due to the absence of recent recordings the probability of it occurring in the region is low or nil.

Section 10.4.3, page 226

Chances Swamp is listed as a formal landing ground. It was reported by a respondent to the Draft EIS that, in fact, the airstrip has been deregistered due to liability issues.

Section 12.1.4, page 263 — under the heading ‘Biota Survey’

The scientific name of the meat ant should be *Iridomyrmex purpureus*.

Section 12.5.4, page 275

The first heading under ‘Aircraft crash’ should read **Case 1 — No Dilution**

References, page 3

International Atomic Energy Agency. 1984. Site investigations, design, construction, operation, operation, shutdown and surveillance of repositories for low and intermediate-level radioactive wastes in rock cavities. Safety Series No. 62. IAEA, Vienna. (correct title and number)

References, page 9

Badman, F.J. 1999. Published by Royal Geographical Society of South Australia Inc. (not Australian)

References, page 10

Brock, B.J. 1999. Add page numbers: pp 227–37.

Appendices

Appendix B — Radioactive Waste Inventory

The inventory has been updated based on more recent information. The updated inventory has no effect on the repository design, nor on potential environmental or other impacts. The updated inventory is presented on the following page.

Appendix C5, Section C5.6

Point 3 refers to Caesium (Cs-147), with a half-life of 3×10^6 years. It should refer to Caesium (Cs-135), with a long half-life of 3×10^6 years. It was chosen as an example of an isotope with a long half life.

Appendix D1, page 9

The last sentence of the second last paragraph should read: ‘These data were mainly from the Arcoona Tableland and the Painted/Breakaway land system.’

Appendix D1, page 12 — Site Vegetation, Results

A footnote has been omitted from the end of the first sentence. There should only be 39 sites (13x3); the footnote explains the additional site and reads: ‘Thirteen sites were monitored at each of the potential repository sites but because of initial confusion over the location of the corners of Site 40A an extra site was surveyed here.’

Appendix D1, page 21 — Site 40a

The last sentence of the first paragraph should read: ‘Watercourse crossings may be sandy, rocky or clay.’ The statement in the second paragraph that the ‘route does not encounter any vegetation that is significantly different ...’ might be true but the actual route of the road has not been surveyed to verify this.

Appendix D1, page 21 — Site 45a

This section omits the discussion on safety of the current winding track and the damage to pines that would result from straightening the track to make it safe enough to operate semi-trailers or road trains.

Appendix D2 — Fauna Tables

Some entries in the fauna tables were lost in the file conversion process for printing. The corrected tables are presented on pages 5–19 of this appendix.

Appendix E4, Section E4.2

Eragrostis australasica should be in italics.

Appendix F, Figure F1

This figure shows Roxby Downs where Olympic Dam is actually located. It should be further south where the Andamooka road joins the Olympic Dam to Woomera road.

Appendix G.2.7

The second bullet point states:

- Australian Radiation and Nuclear Safety Agency

It should state:

- Australian Radiation Protection and Nuclear Safety Agency

This table presents the revised radioactive waste inventory and replaces Table B.1 in Appendix B of the draft EIS.

TABLE C.1 Estimated inventory of current waste to be disposed of at the repository

State / Waste holder	Estimated total volume (m ³) ⁽¹⁾	Activity (GBq) in total volume ⁽²⁾	Activity of key radionuclides (GBq)									
			³ H	⁶⁰ Co	⁹⁰ Sr	¹³⁷ Cs	²²⁶ Ra	²³² Th	²³⁸ U	²⁴¹ Am	²²⁶ Ra/Be	²⁴¹ Am/Be
Queensland	45 ⁽¹⁾	880	297	86	56	440	5.3	2.0E-06	2.40E-06	1.03	0.07	
Victoria	26 ⁽¹⁾	260	70	1.8	17	36	22	8.4E-04	0.007	105	22	4.1
NSW	26 ⁽¹⁾	1350	610	5.3	370	240	81		0.004	3.3		37
Tasmania	15 ⁽¹⁾	410	60	0.008		320	14			3.8	0.7	19
South Aust.	20 ⁽¹⁾	2.0		0.003	1.7E-05	1.0	0.4	0.4		0.2		
ACT	3 ⁽¹⁾	430	400	0.02	20	0.09	0.02	0.02	0.05	10		
NT	16 ⁽¹⁾	905	900	2.6	3.5E-5	2.2	3.0E-04		2.0E-04	0.004		
Defence:												
– St Marys (SA)	20	36		8.2	8.0	1.2	6.7					
– Other (SA/Vic/NSW)	190	725	560	1.1			6.3	0.2	41			
ANSTO (NSW)	1320	671	17	330	14.4	280	2.8	3.1	14.0	2.4		
CSIRO – Soils (SA)	2010	0.3					0.01	0.2	0.01			
CSIRO – Other (Vic/ACT/NSW)	9	700	1.7E-04	190	3.6	500						
TOTAL	3700	6367	2914	625	489	1820	143	3.9	55	125	23	60

- (1) State/Territory estimated volumes are nominal quantities held by the regulator, plus hospitals/universities and industry volumes. It includes all waste that is expected to be disposed of in the repository (for estimated categories A, B and C). The volumes are in conditioned form.
- (2) Activities and volumes given are for items that have been previously classed as category A, B or C and those that have been provisionally estimated as being category A, B and C. (There are neither mass nor volume data for Queensland and NT wastes, and no mass data for SA and NSW wastes.)

The following table provides corrected information for Attachments A, B and C of Appendix D2 of the draft EIS.

Table C.2 Mammal species recorded in the region, Arcoona Tableland and Project Area

Scientific name	Common name	Status	Regional occurrence ¹	Arcoona Tableland ²	Recorded in field survey		
					40A	45A	52A
Tachyglossidae							
<i>Tachyglossus aculeatus</i>	Short-beaked echidna	✓	✓	✓	✓		
Dasyuridae							
<i>Antechinomys laniger</i>	Kultarr		✓	✓			
<i>Planigale gilesi</i>	Giles' planigale		✓	✓			
<i>Planigale tenuirostris</i>	Narrow-nosed planigale		✓	✓	✓	✓	
<i>Sminthopsis crassicaudata</i>	Fat-tailed dunnart		✓	✓	✓		✓
<i>Sminthopsis macroura</i>	Striped-faced dunnart		✓	✓	✓	✓	✓
Macropodidae							
<i>Macropus fuliginosus</i>	Western grey kangaroo		✓		✓	✓	✓
<i>Macropus robustus</i>	Euro		✓	✓			✓
<i>Macropus rufus</i>	Red kangaroo		✓	✓	✓	✓	✓
Molossidae							
<i>Mormopterus planiceps</i>	Southern freetail-bat		✓		✓		✓
<i>Nyctinomus australis</i>	White-striped freetail-bat		✓		✓	✓	✓
Vespertilionidae							
<i>Chalinolobus gouldii</i>	Gould's wattle bat		+				
<i>Nyctophilus geoffroyi</i>	Lesser long-eared bat		✓		✓	✓	✓
<i>Nyctophilus timoriensis</i>	Greater long-eared bat	SA V	+				
<i>Saccolaimus flaviventris</i>	Yellow-bellied sheath-tail-bat	SA R	+				
<i>Scotorepens balstoni</i>	Inland broad-nosed bat		✓				
<i>Scotorepens greyii</i>	Little broad-nosed boat		✓				
<i>Vespadelus baverstocki</i>	Inland forest bat		✓	✓	✓		

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Scientific name	Common name	Status	Regional occurrence ¹	Arcoona Tableland ²	Recorded in field survey		
					40A	45A	52A
<i>Vespadelus pumilis</i>	Eastern forest bat		+				
<i>Vespadelus vulturnus</i>	Little forest bat		✓				
Muridae							
<i>Leggadina forresti</i>	Forrest's mouse		✓	✓	✓	✓	
* <i>Mus musculus</i>	House mouse		✓	✓			
<i>Notomys fuscus</i>	Dusky hopping-mouse	Aus V; SA V	+				
<i>Pseudomys australis</i>	Plains rat	Aus V; SA V	✓	✓	✓	✓	
<i>Pseudomys bolami</i>	Bolam's mouse		✓	✓			
<i>Pseudomys desertor</i>	Desert mouse		✓				
<i>Pseudomys hermannsburgensis</i>	Sandy inland mouse			✓			
* <i>Rattus rattus</i>	Black rat		✓				
Canidae							
<i>Canis lupus dingo</i>	Dingo		✓		✓	✓	
* <i>Vulpes vulpes</i>	Fox			✓	✓	✓	✓
Felidae							
* <i>Felis catus</i>	Cat		✓				✓
Leporidae							
* <i>Oryctolagus cuniculus</i>	European rabbit		✓	✓	✓	✓	✓
Bovidae							
* <i>Bos taurus</i>	Cattle		✓	✓		✓	
* <i>Capra hircus</i>	Feral goat		✓	✓			
* <i>Ovis aries</i>	Sheep		✓		✓	✓	✓

1 — Kinhill (1997) and SA Museum records

+ — Species potentially occurs in the region, but it is not confirmed

2 — Brandle (1998) and SA Museum records

* — Introduced species

Table C.3: Avifauna of the region, Arcoona Tableland and Project Area

Scientific name ¹	Common name	Status	Regional occurrence ²	Arcoona Tablelands ³	Habit ⁴	Recorded in field survey ⁵		
						40A	45A	52A
Casuariidae								
<i>Dromaius novaehollandiae</i>	Emu		✓	✓	N/Re	✓		✓
Phasianidae								
<i>Coturnix pectoralis</i>	Stubble quail		✓	✓	N	✓	✓	✓
Turnicidae								
<i>Turnix velox</i>	Little button-quail		✓		N			✓
Pelecanidae								
<i>Pelecanus conspicillatus</i>	Australian pelican		✓	✓	N			
Anhingidae								
<i>Anhinga melanogaster</i>	Darter		✓	✓	N			
Phalacrocoracidae								
<i>Phalacrocorax varius</i>	Pied cormorant		✓	✓	N			
<i>Phalacrocorax melanoleucos</i>	Little pied cormorant		✓	✓	N			
<i>Phalacrocorax carbo</i>	Great cormorant		✓	✓	N			
<i>Phalacrocorax sulcirostris</i>	Little black cormorant		✓	✓	N			
Podicipedidae								
<i>Podiceps cristatus</i>	Great-crested grebe	SA R	✓	✓	N/Va			
<i>Poliiocephalus poliocephalus</i>	Hoary-headed grebe		✓	✓	N/Re			
<i>Tachybaptus novaehollandiae</i>	Australasian grebe		✓	✓	N/Re			
Anatidae								
<i>Cygnus atratus</i>	Black swan		✓	✓	N			
<i>Tadorna tadornoides</i>	Australian shelduck		✓	✓	N			
<i>Anas superciliosa</i>	Pacific black duck		✓	✓	N			

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Scientific name ¹	Common name	Status	Regional occurrence ²	Arcoona Tablelands ³	Habit ⁴	Recorded in field survey ⁵		
						40A	45A	52A
<i>Anas gracilis</i>	Grey teal		✓	✓	N			
<i>Anas castanea</i>	Chestnut teal		✓	✓	N			
<i>Anas rhynchos</i>	Australian shoveler	SA R	✓	✓	N			
<i>Malacorhynchus membranaceus</i>	Pink-eared duck		✓	✓	N			
<i>Aythya australis</i>	Hardhead		✓	✓	N			
<i>Chenonetta jubata</i>	Wood duck		✓	✓	N			
<i>Stictonetta naevosa</i>	Freckled duck	SA V	✓	✓	N			
<i>Oxyura australis</i>	Blue-billed duck	SA R	✓	✓	N			
<i>Biziura lobata</i>	Musk duck	SA R	✓	✓	N			
Rallidae								
<i>Gallirallus philippensis</i>	Buff-banded rail		✓		N			
<i>Porzana pusilla</i>	Baillon's crake	SA R	✓		N/Va			
<i>Porzana fluminea</i>	Australian spotted crake		✓		N			
<i>Gallinula ventralis</i>	Black-tailed native-hen		✓	✓	N	✓	✓	✓
<i>Gallinula tenebrosa</i>	Dusky moorhen		✓		N			
<i>Porphyrio porphyrio</i>	Purple swamphen		✓		N			
<i>Fulica atra</i>	Eurasian coot		✓	✓	N			
Ardeidae								
<i>Ardea pacifica</i>	White-necked heron			✓	N			
<i>Egretta novaehollandiae</i>	White-faced heron		✓	✓	N			
<i>Ardea ibis</i>	Cattle egret		✓		N/Va			
<i>Ardea alba</i>	Great egret		✓	✓	N			
<i>Egretta garzetta</i>	Little egret		✓	✓	N			
<i>Ardea intermedia</i>	Intermediate egret	SA R	✓		N			
<i>Nycticorax caledonicus</i>	Nankeen night heron		✓	✓	N/Va			

Scientific name ¹	Common name	Status	Regional occurrence ²	Arcoona Tablelands ³	Habit ⁴	Recorded in field survey ⁵		
						40A	45A	52A
Threskiornithidae								
<i>Plegadis falcinellus</i>	Glossy ibis	SA R	✓	✓	N			
<i>Threskiornis molucca</i>	Sacred ibis		✓	✓	N			
<i>Threskiornis spinicollis</i>	Straw-necked ibis		✓	✓	N			
<i>Platalea flavipes</i>	Yellow-billed spoonbill		✓	✓	N			
Gruidae								
<i>Grus rubicunda</i>	Brolga	SA V	✓		Va			
Otididae								
<i>Ardeotis australis</i>	Australian bustard	SA V	✓		N	✓	✓	
Pedionomidae								
<i>Pedionomus torquatus</i>	Plains-wanderer	Aus V; SA E	✓		Va			
Scolopacidae								
<i>Arenaria interpres</i>	Ruddy turnstone		✓	✓	S/Va			
<i>Numenius madagascariensis</i>	Eastern curlew	SA V	✓	✓	S/Va			
<i>Tringa glareola</i>	Wood sandpiper		✓	✓	S			
<i>Actitis hypoleucos</i>	Common sandpiper		✓	✓	S			
<i>Tringa nebularia</i>	Greenshank		✓	✓	S/Re			
<i>Tringa stagnatilis</i>	Marsh sandpiper		✓	✓	S			
<i>Gallinago hardwickii</i>	Latham's snipe	SA V	✓		S/Va			
<i>Limosa limosa</i>	Black-tailed godwit		✓	✓	S/Va			
<i>Calidris acuminata</i>	Sharp-tailed sandpiper		✓	✓	S			
<i>Calidris ruficollis</i>	Red-necked stint		✓	✓	S			
<i>Calidris ferruginea</i>	Curlew sandpiper		✓	✓	S			
Glareolidae								
<i>Glareola maldivarum</i>	Oriental pratincole		✓		S/Va			
<i>Stiltia isabella</i>	Australian pratincole		✓		S/Va			

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						40A	45A	52A
Charadriidae								
<i>Vanellus miles</i>	Masked lapwing		✓	✓	Re			
<i>Vanellus tricolor</i>	Banded lapwing		✓	✓	N	✓	✓	✓
<i>Pluvialis squatarola</i>	Grey plover		✓	✓	S/Va			
<i>Erythrogonys cinctus</i>	Red-kneed dotterel		✓	✓	N			
<i>Charadrius ruficapillus</i>	Red-capped plover		✓	✓	N			✓
<i>Euseyornis melanops</i>	Black-fronted dotterel		✓	✓	S/Re			✓
<i>Charadrius australis</i>	Inland dotterel		✓	✓	N	✓	✓	✓
Recurvirostridae								
<i>Himantopus himantopus</i>	Black-winged stilt		✓	✓	N/Re			
<i>Cladorhynchus leucocephalus</i>	Banded stilt		✓	✓	N			
<i>Recurvirostra novaehollandiae</i>	Red-necked avocet		✓	✓	N			
Laridae								
<i>Larus novaehollandiae</i>	Silver gull		✓	✓	N/Re	✓		✓
<i>Chlidonias hybridus</i>	Whiskered tern		✓	✓	N			
<i>Sterna caspia</i>	Caspian tern		✓	✓	N			
<i>Sterna nilotica</i>	Gull-billed tern		✓	✓	N			
Accipitridae								
<i>Elanus axillaris</i>	Black-shouldered kite		✓		N		✓	✓
<i>Hamirostra melanosternon</i>	Black-breasted buzzard	SA R	✓		N			
<i>Milvus migrans</i>	Black kite		✓	✓	S/Re	✓	✓	
<i>Haliastur sphenurus</i>	Whistling kite		✓		Re			
<i>Aquila audax</i>	Wedge-tailed eagle		✓	✓	Re	✓	✓	
<i>Hieraaetus morphnoides</i>	Little eagle		✓		Re			
<i>Accipiter fasciatus</i>	Brown goshawk		✓		N			

Scientific name ¹	Common name	Status	Regional occurrence ²	Arcoona Tablelands ³	Habit ⁴	Recorded in field survey ⁵		
						40A	45A	52A
<i>Accipiter cirrhocephalus</i>	Collared sparrowhawk		✓		N			✓
<i>Circus assimilis</i>	Spotted harrier		✓		N			
<i>Circus approximans</i>	Swamp harrier		✓		N			
Falconidae								
<i>Falco subniger</i>	Black falcon		✓		N			
<i>Falco peregrinus</i>	Peregrine falcon	SA R	✓		Va		✓	
<i>Falco longipennis</i>	Australian hobby		✓		N			
<i>Falco berigora</i>	Brown falcon		✓		Re		✓	✓
<i>Falco cenchroides</i>	Australian kestrel		✓	✓	Re	✓	✓	✓
Columbidae								
* <i>Columba livia</i>	Feral pigeon		✓		N			
<i>Geopelia striata</i>	Peaceful dove		✓		N			
<i>Geopelia cuneata</i>	Diamond dove		✓		N			
<i>Phaps chalcoptera</i>	Common bronzewing		✓	✓	N			
<i>Phaps histrionica</i>	Flock bronzewing	SA V	✓		N/Va			
<i>Ocyphaps lophotes</i>	Crested pigeon		✓	✓	Re		✓	✓
Cacatuidae								
<i>Cacatua roseicapilla</i>	Galah		✓	✓	Re	✓	✓	✓
<i>Cacatua sanguinea</i>	Little corella		✓	✓	Re			
<i>Cacatua leadbeateri</i>	Pink cockatoo	SA V	✓		N			
<i>Nymphicus hollandicus</i>	Cockatiel		✓		N	✓		✓
Psittacidae								
<i>Melopsittacus undulatus</i>	Budgerigar		✓		N		✓	
<i>Psephotus haematonotus</i>	Red-rumped parrot			✓	N			
<i>Psephotus varius</i>	Mulga parrot		✓	✓	N			
<i>Barnardius zonarius</i>	Ring-necked parrot		✓	✓	N			
<i>Northiella haematogaster</i>	Blue bonnet		✓		Re			

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						40A	45A	52A
<i>Neopsephotus bourkii</i>	Bourke's parrot		✓	✓	Re			
<i>Neophema chrysostoma</i>	Blue-winged parrot	SA V	✓		N/S			
Cuculidae								
<i>Cuculus saturatus</i>	Oriental cuckoo		✓		N/S			
<i>Cuculus pallidus</i>	Pallid cuckoo		✓		N			
<i>Chrysococcyx osculans</i>	Black-eared cuckoo		✓		N			
<i>Chrysococcyx basalis</i>	Horsfield's bronze-cuckoo		✓	✓	N			
Strigidae								
<i>Ninox novaeseelandiae</i>	Southern boobook		✓		N			
Tytonidae								
<i>Tyto alba</i>	Barn owl		✓	✓	N	✓	✓	✓
Podargidae								
<i>Podargus strigoides</i>	Tawny frogmouth		✓	✓	Re			
Aegothelidae								
<i>Aegotheles cristatus</i>	Australian owlet-nightjar		✓		Re		✓	
Caprimulgidae								
<i>Eurostopodus argus</i>	Spotted nightjar		✓		N			✓
Apodidae								
<i>Apus pacificus</i>	Fork-tailed swift		✓		Va			✓
Halcyonidae								
<i>Todiramphus pyrrhopygia</i>	Red-backed kingfisher		✓		S			
<i>Todiramphus sanctus</i>	Sacred kingfisher			✓	S			
Meropidae								
<i>Merops ornatus</i>	Rainbow bee-eater		✓		S	✓	✓	✓
Neosittidae								
<i>Daphoenositta chrysoptera</i>	Varied sittella		✓		N			

Scientific name ¹	Common name	Status	Regional occurrence ²	Arcoona Tablelands ³	Habit ⁴	Recorded in field survey ⁵		
						40A	45A	52A
Maluridae								
<i>Malurus splendens</i>	Splendid fairy-wren		✓		Re			
<i>Malurus lamberti</i>	Variigated fairy-wren		✓	✓	Re			
<i>Malurus leucopterus</i>	White-winged fairy-wren		✓	✓	Re	✓	✓	✓
<i>Amytornis textilis myall</i>	Thick-billed grasswren	Aus V; SA R	✓	✓	N			
Pardalotidae								
<i>Pardalotus rubricatus</i>	Red-browed pardalote		✓		N			
<i>Pardalotus striatus</i>	Striated pardalote		✓		N/S			
<i>Calamanthus campestris</i>	Rufous fieldwren		✓	✓	Re	✓	✓	✓
<i>Calamanthus fuliginosus</i>	Striated fieldwren		✓		Re			
<i>Acanthiza apicalis</i>	Inland thornbill		✓		Re			✓
<i>Acanthiza iredali</i>	Slender-billed thornbill	SA V		✓	N			
<i>Acanthiza uropygialis</i>	Chestnut-rumped thornbill		✓	✓	Re	✓		
<i>Acanthiza chrysorrhoa</i>	Yellow-rumped thornbill		✓	✓	N	✓		✓
<i>Aphelocephala leucopsis</i>	Southern whiteface		✓	✓	Re			
Meliphagidae								
<i>Acanthagenys rufogularis</i>	Spiny-cheeked honeyeater		✓	✓	Re			
<i>Manorina flavigula</i>	Yellow-throated miner		✓	✓	Re			
<i>Lichenostomus virescens</i>	Singing honeyeater		✓	✓	Re			
<i>Lichenostomus plumulus</i>	Grey-fronted honeyeater		✓		Va			
<i>Lichenostomus penicillatus</i>	White-plumed honeyeater		✓		Re			
<i>Phylidonyris albifrons</i>	White-fronted honeyeater		✓		N			
<i>Certhionyx variegatus</i>	Pied honeyeater		✓		N			
<i>Epthianura tricolor</i>	Crimson chat		✓	✓	N		✓	
<i>Epthianura aurifrons</i>	Orange chat		✓	✓	N	✓	✓	✓

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Scientific name ¹	Common name	Status	Regional occurrence ²	Arcoona Tablelands ³	Habit ⁴	Recorded in field survey ⁵		
						40A	45A	52A
<i>Epthianura albifrons</i>	White-fronted chat		✓		N			✓
<i>Ashbyia lovensis</i>	Gibberbird		✓		N			
Cinclosomatidae								
<i>Psophodes cristatus</i>	Chirruping wedgebill		✓		Re			
<i>Cinclosoma cinnamomeum</i>	Cinnamon quail-thrush		✓	✓	Re	✓	✓	✓
Pomatostomidae								
<i>Pomatostomus superciliosus</i>	White-browed babbler		✓	✓	Re	✓	✓	
Petroicidae								
<i>Microeca fascinans</i>	Jacky winter							✓
<i>Petroica goodenovii</i>	Red-capped robin		✓	✓	S		✓	
<i>Melanodryas cucullata</i>	Hooded robin		✓	✓	Re			
Pachycephalidae								
<i>Oreoica gutturalis</i>	Crested bellbird		✓	✓	Re			
<i>Colluricincla harmonica</i>	Grey shrike-thrush		✓	✓	Re			
<i>Pachycephala rufiventris</i>	Rufous whistler		✓		S/Va			
Dicruridae								
<i>Rhipidura fuliginosa</i>	Grey fantail		✓		N		✓	
<i>Rhipidura leucophrys</i>	Willie wagtail		✓	✓	Re			
<i>Myiagra inquieta</i>	Restless flycatcher		✓		N			
<i>Grallina cyanoleuca</i>	Magpie-lark		✓		Re			
Campephagidae								
<i>Coracina novaehollandiae</i>	Black-faced cuckoo-shrike		✓	✓	Re			✓
<i>Coracina maxima</i>	Ground cuckoo-shrike		✓	✓	N			
<i>Lalage sueurii</i>	White-winged triller		✓		S			

Scientific name ¹	Common name	Status	Regional occurrence ²	Arcoona Tablelands ³	Habit ⁴	Recorded in field survey ⁵		
						40A	45A	52A
Artamidae								
<i>Artamus leucorhynchus</i>	White-breasted woodswallow		✓		Re			
<i>Artamus personatus</i>	Masked woodswallow		✓		N			
<i>Artamus superciliosus</i>	White-browed woodswallow		✓		N			
<i>Artamus cinereus</i>	Black-faced woodswallow		✓	✓	Re		✓	
<i>Cracticus torquatus</i>	Grey butcherbird		✓	✓	Re			
<i>Gymnorhina tibicen</i>	Australian magpie		✓	✓	Re	✓		✓
Corvidae								
<i>Corvus coronoides</i>	Australian raven		✓	✓	Re	✓	✓	✓
<i>Corvus bennetti</i>	Little raven		✓	✓	Re			
Hirundinidae								
<i>Cheramoeca leucosternus</i>	White-backed swallow		✓		Re			
<i>Hirundo neoxena</i>	Welcome swallow		✓	✓	S	✓	✓	✓
<i>Hirundo nigricans</i>	Tree martin		✓		S			
<i>Hirundo ariel</i>	Fairy martin		✓		S			
Motacillidae								
<i>Anthus novaeseelandiae</i>	Richard's pipit		✓	✓	Re	✓	✓	✓
Sylviidae								
<i>Acrocephalus stentoreus</i>	Clamorous reed-warbler		✓		N/Re			
<i>Megalurus gramineus</i>	Little grassbird		✓	✓	N/Re			
<i>Cincloramphus mathewsi</i>	Rufous songlark		✓		N			
<i>Cincloramphus cruralis</i>	Brown songlark		✓	✓	N	✓	✓	✓
Passeridae								
* <i>Passer domesticus</i>	House sparrow		✓		Re			
<i>Taeniopygia guttata</i>	Zebra finch		✓	✓	Re		✓	✓

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Scientific name ¹	Common name	Status	Regional occurrence ²	Arcoona Tablelands ³	Habit ⁴	Recorded in field survey ⁵		
						40A	45A	52A
Dicaeidae								
<i>Dicaeum hirundinaceum</i>	Mistletoebird		✓		N/S			
Sturnidae								
* <i>Sturnus vulgaris</i>	Common starling		✓		N/Re			✓

1 Taxonomy after Christidis & Boles (1994) and Robinson et al. (2000)

2 Kinhill (1997) and SA Museum

3 Brandle (1998), Read and Ebdon (1998) J Read (pers. comm. 2002) and SA Museum

4 After Kinhill Engineers Pty Ltd (1997)

5 Species include those observed within 1 kilometre of the sites

N = nomadic (long-distance movements); Re = resident (may move small distances locally); S = seasonal visitor; Va = vagrant (outside normal recognised range)

*Introduced species

Table C.4 Herpetofauna of the region, Arcoona Tableland and Project Area

Scientific name	Common name	Status	Regional occurrence ¹	Arcoona Tableland ²	Recorded in field survey		
					40A	45A	52A
REPTILES							
Agamidae							
<i>Ctenophorus fionni</i>	Peninsula dragon		✓	✓			
<i>Ctenophorus fordi</i>	Mallee dragon		✓	✓			
<i>Ctenophorus nuchalis</i>	Central netted dragon		✓	✓			
<i>Ctenophorus pictus</i>	Painted dragon		✓	✓			
<i>Pogona vitticeps</i>	Central bearded dragon		✓	✓	✓	✓	✓
<i>Tympanocryptis intima</i>	Smooth-snouted earless dragon		✓	✓			
<i>Tympanocryptis lineata</i>	Five-lined earless dragon		✓				✓
<i>Tympanocryptis tetraporophora</i>	Eyrean earless dragon		✓	✓	✓	✓	✓
Boidae							
<i>Antaresia stimsoni</i>	Stimson's python	SA I	✓	✓			
<i>Aspidites ramsayi</i>	Woma python		✓				
Elapidae							
<i>Demansia reticulata</i>	Desert whipsnake		✓	✓			
<i>Pseudechis australis</i>	Mulga snake		✓	✓		✓	
<i>Pseudonaja modesta</i>	Five-ringed snake		✓	✓			
<i>Pseudonaja nuchalis</i>	Western brown snake		✓	✓			✓
<i>Simoselaps bertholdi</i>	Desert banded snake		✓	✓			
<i>Simoselaps fascioltus</i>	Narrow-banded snake		✓				
<i>Suta suta</i>	Curl snake		✓	✓			
Gekkonidae							
<i>Diplodactylus conspicillatus</i>	Fat-tailed gecko		✓				
<i>Diplodactylus damaeus</i>	Beaded gecko		✓	✓	✓		
<i>Diplodactylus stenodactylus</i>	Sandplain gecko		✓	✓			

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Scientific name	Common name	Status	Regional occurrence ¹	Arcoona Tableland ²	Recorded in field survey		
					40A	45A	52A
<i>Diplodactylus tessellatus</i>	Tessellated gecko		✓	✓	✓		✓
<i>Diplodactylus vittatus</i>	Eastern stone gecko		✓				
<i>Gehyra purpurascens</i>	Purple dtella		✓				
<i>Gehyra variegata</i>	Tree dtella		✓	✓			
<i>Heteronotia binoei</i>	Bynoe's gecko		✓	✓	✓	✓	
<i>Nephrurus levis</i>	Smooth knob-tailed gecko		✓	✓			
<i>Nephrurus milii</i>	Barking gecko		✓	✓		✓	✓
<i>Rhynchoedura ornata</i>	Beaked gecko		✓				
<i>Strophurus ciliaris</i>	Northern spiny-tailed gecko		✓	✓			
<i>Strophurus intermedius</i>	Southern spiny-tailed gecko		✓	✓			
Pygopodidae							
<i>Delma australis</i>	Barred snake-lizard		✓	✓			
<i>Pygopus lepidopodus</i>	Common scalyfoot		✓	✓			
<i>Pygopus nigriceps</i>	Black-headed scalyfoot		✓	✓			
Scincidae							
<i>Cryptoblepharus carnabyi</i>			✓	✓			
<i>Cryptoblepharus plagiocephalus</i>	Desert wall skink		✓	✓			
<i>Ctenotus brooksi taeniatus</i>	Sandhill ctenotus		✓	✓			
<i>Ctenotus leae</i>	Centralian coppertail		✓	✓			
<i>Ctenotus leonhardii</i>	Common desert ctenotus		✓				
<i>Ctenotus olympicus</i>	Saltbush ctenotus		✓	✓	✓	✓	✓
<i>Ctenotus regius</i>	Eastern desert ctenotus		✓	✓			
<i>Ctenotus robustus</i>	Eastern striped skink		✓	✓			
<i>Ctenotus schomburgkii</i>	Sandplain ctenotus		✓	✓			✓
<i>Ctenotus strauchii</i>	Short-legged ctenotus		✓	✓	✓	✓	
<i>Egernia stokesii</i>	Gidgee skink		✓	✓			
<i>Eremiascincus richardsonii</i>	Broad banded sandswimmer		✓	✓			

Scientific name	Common name	Status	Regional occurrence ¹	Arcoona Tableland ²	Recorded in field survey		
					40A	45A	52A
<i>Lerista bougainvillii</i>	Bougainville's skink		✓	✓			
<i>Lerista desertorum</i>	Great desert slider		✓				
<i>Lerista dorsalis (red tail)</i>	Southern four-toed slider		✓	✓	✓	✓	✓
<i>Lerista edwardsae</i>	Myall slider		✓	✓			
<i>Lerista labialis</i>	Eastern two-toed slider		✓	✓			
<i>Lerista muelleri</i>	Dwarf three-toed slider		✓	✓			
<i>Menetia greyii</i>	Dwarf skink		✓	✓		✓	✓
<i>Morethia adelaidensis</i>	Adelaide snake-eye		✓	✓	✓		
<i>Morethia boulengeri</i>	Common snake-eye		✓	✓			
<i>Tiliqua occipitalis</i>	Western bluetongue		✓	✓			
<i>Tiliqua rugosa</i>	Sleepy lizard		✓	✓	✓	✓	
Typhlopidae							
<i>Ramphotyphlops bituberculatus</i>	Rough-nosed blind snake		✓	✓			
<i>Ramphotyphlops endoterus</i>	Centralian blind snake		✓	✓			
Varanidae							
<i>Varanus gilleni</i>	Pygmy mulga goanna		✓	✓			
<i>Varanus gouldii</i>	Sand goanna		✓	✓	✓	✓	✓
AMPHIBIAN							
<i>Neobatrachus centralis</i>	Trilling frog		✓	✓	✓	✓	✓

1 Kinhill Engineers Pty Ltd (1997) and SA Museum

2 Brandle (1998) and SA Museum

