

1. World Heritage Property Data

1.1 - Name of World Heritage Property

Australian Fossil Mammal Sites (Riversleigh / Naracoorte)

1.2 - World Heritage Property Details

State(s) Party(ies)

- Australia

Type of Property

natural

Identification Number

698

Year of inscription on the World Heritage List

1994

Comment

Natural is spelt incorrectly



1.3 - Geographic Information Table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
	0 / 0	?	?	?	
	0 / 0	?	?	?	
	0 / 0	?	?	?	
	0 / 0	?	?	?	
Riversleigh , Queensland , Australia	-19.033 / 138.667	10000	?	10000	1994
Naracoorte , South Australia , Australia	-37.05 / 140.8	300	?	300	1994
Total (ha)		10300	0	10300	

Comment

There are no buffer zones for this property (Buffer zone (ha)).

1.4 - Map(s)

Title	Date	Link to source
Riversleigh: boundary of the nominated property	30/09/1993	
Naracoorte: boundary of the nominated property	30/09/1993	

1.5 - Governmental Institution Responsible for the Property

Comment

Change to: Mr Peter burnett First Assistant Secretary Heritage and Wildlife Division Department of Sustainability, Environment, Water, Population and Communities GPO Box 787 ACT 2601 Australia Ph: +61 2 6274 1111 Fax: +61 2 6274 2095 Email: Peter.Burnett@environment.gov.au

1.6 - Property Manager / Coordinator, Local Institution / Agency

Dept of Environment & Heritage Bourne Steven
PO Box 134

NARACOORTE SA 5271 Australia
sbourne@dehaa.sa.gov.au +61 8 8762 2340 +61 8 8762 1231 "Land Management Branch Ogilvie Peter "PO Box 15155, CITY EAST BRISBANE QLD 4002 " Australia peter.ogilvie@derm.qld.gov.au (07) 3330 5386 (07) 3330 5342

Comment

CHANGE CONTACTS TO: Deborah Craven-Carden Manager, Naracoorte Caves National Park Department of Environment & Natural Resources PO Box 134 NARACOORTE SA 5271 deborah.craven-carden@sa.gov.au James Newman Regional Manager, Cape York / Savanna Queensland Parks and Wildlife Service Department of Environment and Resource Management PO Box 2066 CAIRNS QLD 4870 James.Newman@derm.qld.gov.au

1.7 - Web Address of the Property (if existing)

1. [The Official Site for Australian Travel and Tourism Australia](#)
2. [Riversleigh \(Queensland Parks and Wildlife Service\)](#)
3. [Naracoorte Caves National Park \(South Australia Parks and Wildlife\)](#)
4. [Natural site datasheet from WCMC](#)
5. [Australian Fossil Mammal Sites \(Department of the Environment, Water, Heritage and the Arts\)](#)

Comment

Change to: 1. Riversleigh (Queensland Parks and Wildlife Service) [http://www.derm.qld.gov.au/parks/boodjamulla-riversleigh/index.html] 2. Naracoorte Caves National Park (South Australia Parks and Wildlife) [http://www.environment.sa.gov.au/parks/sanpr/naracoortecaves/index.html] 3. Australian Fossil Mammal Sites (Department of Sustainability, Environment, Water, Population and Communities) 4. The Official Site for Australian Travel and Tourism Australia

1.8 - Other designations / Conventions under which the property is protected (if applicable)

2. Statement of Outstanding Universal Value

2.1 - Statement of Outstanding Universal Value / Statement of Significance

Comment

A Retrospective Statement of Outstanding Universal Value was submitted to the World Heritage Centre on 1 February 2011, awaiting World Heritage Committee approval in June 2012.

2.2 - The criteria (2005 revised version) under which the property was inscribed

(viii)(ix)

2.3 - Attributes expressing the Outstanding Universal Value per criterion

Riversleigh:
www.environment.gov.au/heritage/places/world/fossil-riversleigh/values
Naracoorte:
www.environment.gov.au/heritage/places/world/fossil-naracoorte/values

2.4 - If needed, please provide details of why the Statement of Outstanding Universal Value should be revised

The knowledge of the fossil values of the property has increased since inscription through further research and advances in technology used for analysis of fossil material.

**2.5 - Comments, conclusions and / or
recommendations related to Statement of
Outstanding Universal Value**

3. Factors Affecting the Property

3.14. Other factor(s)

3.14.1 - Other factor(s)

3.15. Factors Summary Table

3.15.1 - Factors summary table

Name	Impact	Origin
3.1 Buildings and Development		
3.1.5 Interpretative and visitation facilities		
3.2 Transportation Infrastructure		
3.2.1 Ground transport infrastructure		
3.8 Social/cultural uses of heritage		
3.8.1 Ritual / spiritual / religious and associative uses		
3.8.2 Society's valuing of heritage		
3.8.3 Indigenous hunting, gathering and collecting		
3.8.4 Changes in traditional ways of life and knowledge system		
3.8.6 Impacts of tourism / visitor / recreation		
3.11 Sudden ecological or geological events		
3.11.5 Erosion and siltation/ deposition		
3.11.6 Fire (wildfires)		
3.13 Management and institutional factors		
3.13.1 Low impact research / monitoring activities		
3.13.2 High impact research / monitoring activities		
3.13.3 Management activities		
Legend	Current	Potential
	Negative	Positive
	Inside	Outside

3.16. Assessment of current negative factors

3.16.1 - Assessment of current negative factors

	Spatial scale	Temporal scale	Impact	Management response	Trend
3.1 Buildings and Development					
3.1.5 Interpretative and visitation facilities	restricted	frequent	minor	medium capacity	increasing
3.8 Social/cultural uses of heritage					
3.8.1 Ritual / spiritual / religious and associative uses	restricted	one off or rare	insignificant	high capacity	static
3.8.2 Society's valuing of heritage	restricted	frequent	minor	medium capacity	increasing
3.8.4 Changes in traditional ways of life and knowledge system	widespread	on-going	significant	low capacity	static
3.11 Sudden ecological or geological events					
3.11.5 Erosion and siltation/ deposition	localised	intermittent or sporadic	minor	medium capacity	static
3.11.6 Fire (wildfires)	localised	intermittent or sporadic	minor	low capacity	static
3.13 Management and institutional factors					
3.13.1 Low impact research / monitoring activities	restricted	one off or rare	insignificant	high capacity	static
3.13.2 High impact research / monitoring activities	localised	frequent	minor	high capacity	static

3.17. Comments, conclusions and / or recommendations related to factors affecting the property

3.17.1 - Comments

Some of the factors apply to Riversleigh and Naracoorte sites equally; some to both but not equally; some to one but not the other. E.g. 3.8.1 & 3.8.2 Naracoorte only; 3.8.4, 3.11.5, 3.13.2 Riversleigh only. The Commonwealth and State Governments recognise the importance of research to identify, protect and present World Heritage values and, at the same time, regulate the excavation and removal of fossiliferous material for research so that the World Heritage values are not adversely affected.

4. Protection, Management and Monitoring of the Property

4.1. Boundaries and Buffer Zones

4.1.1 - Buffer zone status

There is no buffer zone, and it is not needed

4.1.2 - Are the boundaries of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The boundaries of the World Heritage property are **adequate** to maintain the property's Outstanding Universal Value

4.1.3 - Are the buffer zone(s) of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The property had no buffer zone at the time of its inscription on the World Heritage List

4.1.4 - Are the boundaries of the World Heritage property known?

The boundaries of the World Heritage property are known by both the management authority and local residents / communities / landowners.

4.1.5 - Are the buffer zones of the World Heritage property known?

The property had **no buffer zone** at the time of its inscription on the World Heritage List

4.1.6 - Comments, conclusions and / or recommendations related to boundaries and buffer zones of the World Heritage property

The World Heritage sites are within the boundaries of national parks. National environment legislation protects World Heritage values from significant impacts that may originate from outside as well as within the property.

4.2. Protective Measures

4.2.1 - Protective designation (legal, regulatory, contractual, planning, institutional and / or traditional)

The *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) is the Australian Government legislation for the protection of World Heritage Properties.

Other Australian Government legislation relevant to activities within the Australian Fossil Mammal Sites is the *Australian Heritage Commission Act 1975* and the *Native Title Act 1993*.

The *Australian Heritage Commission Act 1975* prohibits Ministers or Australian Government Departments from taking an action that adversely affects a place in the Register of the National Estate unless satisfied that there is no prudent and feasible alternative to taking the action. Before undertaking an action that might affect, to a significant extent, a place in the Register of the National Estate, a Minister or Australian Government Department must inform the Australian Heritage Commission and give the Commission an opportunity to provide advice or comment on the action. The Act has been effective in promoting heritage in the community through promotion of the Register of the National Estate and has contributed to promoting the heritage status of the fossil fields.

Comment

Legal Protective Measures: The Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act) is the Australian Government legislation for the protection of the World Heritage values of its World Heritage Properties. Riversleigh is also protected by Nature Conservation Act 1992 (Queensland) Naracoorte is also protected by the National Parks and Wildlife Act 1972 (South Australia).

4.2.2 - Is the legal framework (i.e. legislation and / or regulation) adequate for maintaining the Outstanding Universal Value including conditions of Integrity and / or Authenticity of the property?

The legal framework for the maintenance of the Outstanding Universal Value including conditions of Authenticity and / or Integrity of the World Heritage property provides **an adequate or better basis** for effective management and protection

4.2.3 - Is the legal framework (i.e. legislation and / or regulation) adequate in the buffer zone for maintaining the Outstanding Universal Value including conditions of Integrity and / or Authenticity of the property?

The property had **no buffer zone at the time of inscription** on the World Heritage List

4.2.4 - Is the legal framework (i.e. legislation and / or regulation) adequate in the area surrounding the World Heritage property and buffer zone for maintaining the Outstanding Universal Value including conditions of Integrity and / or Authenticity of the property?

The legal framework for the area surrounding the World Heritage property and the buffer zone provides **an adequate or better basis** for effective management and protection of the property, contributing to the maintenance of its Outstanding Universal Value including conditions of Authenticity and / or Integrity

4.2.5 - Can the legislative framework (i.e. legislation and / or regulation) be enforced?

There is **acceptable** capacity / resources to enforce legislation and / or regulation in the World Heritage property but some deficiencies remain

4.2.6 - Comments, conclusions and / or recommendations related to protective measures

For both sites the legal frameworks are effective and enforceable. There is no one permanently based at Riversleigh due to the remoteness of the location. However, regular patrols of the area are conducted.

4.3. Management System / Management Plan

4.3.1 - Management System

The Boodjamulla (Lawn Hill) National Park is administered by the Environmental Protection Agency (Qld). The Queensland Parks and Wildlife Service is a Division within the EPA responsible for the management of protected areas within Queensland. The Senior Ranger is based at Lawn Hill and directs the management of the protected area. The Senior Ranger reports to the District Manager Savanna, based in Townsville, who reports to Director QPWS Northern Region in Cairns.

The Naracoorte Caves National Park is administered by the Department for Environment and Heritage (SA). The Manager, Naracoorte Caves National Park reports to the Regional Manager who in turn reports to the Director NPWSA. The Manager for Conservation Strategies in Head Office provides support in World Heritage matters.

Comment

Riversleigh Management Strategy is currently under review. An interpretation strategy for Riversleigh has recently been completed. A Boodjamulla National Park Management plan is in the preparatory stage (includes Riversleigh). Day to Day management of Naracoorte is provided by South Australian Department of Environment and Natural Resources Park's staff in accordance with the provisions of the Management Plan (see

<http://www.environment.sa.gov.au/parks/sanpr/naracoortecaves/park.html>)

4.3.2 - Management Documents

Comment

Riversleigh Management Strategy (under review), Riversleigh Interpretation Strategy Naracoorte Caves National Park Management Plan

4.3.3 - How well do the various levels of administration (i.e. national / federal; regional / provincial / state; local / municipal etc.) coordinate in the management of the World Heritage Property ?

There is coordination between the range of administrative bodies / levels involved in the management of the property **but it could be improved**

4.3.4 - Is the management system / plan adequate to maintain the property's Outstanding Universal Value ?

The management system / plan is **fully adequate** to maintain the property's Outstanding Universal Value

4.3.5 - Is the management system being implemented?

The management system is **only partially** being implemented

4.3.6 - Is there an annual work / action plan and is it being implemented?

An annual work / action plan exists and **most or all activities** are being implemented and monitored

4.3.7 - Please rate the cooperation / relationship with World Heritage property managers / coordinators / staff of the following

Local communities / residents	Fair
Local / Municipal authorities	Fair
Indigenous peoples	Good
Landowners	Fair
Visitors	Fair
Researchers	Good
Tourism industry	Good
Industry	Fair

4.3.8 - If present, do local communities resident in or near the World Heritage property and / or buffer zone have input in management decisions that maintain the Outstanding Universal Value?

Local communities **directly contribute** to some decisions relating to management

4.3.9 - If present, do indigenous peoples resident in or regularly using the World Heritage property and / or buffer zone have input in management decisions that maintain the Outstanding Universal Value?

Indigenous peoples directly contribute to **some decisions** relating to management but their involvement could be improved

4.3.10 - Is there cooperation with industry (i.e. forestry, mining, agriculture, etc.) regarding the management of the World Heritage property, buffer zone and / or area surrounding the World Heritage property and buffer zone?

There is contact but only **some cooperation** with industry regarding the management of the World Heritage property, buffer zone and / or area surrounding the World Heritage property and buffer zone

4.3.11 - Comments, conclusions and / or recommendations related to human resources, expertise and training

Both sites operate cooperatively with local authorities and communities. Riversleigh sits within Boodjamulla National Park. Park Management plan is in the preparatory stage. Consultation with stakeholders occurs through a Community and Scientific Advisory Committee and the Waanyi (Indigenous) Ministerial Advisory Committee. Naracoorte's interaction with stakeholders including local authorities and communities occurs through a system of consultative committees operating through the National Park

4.3.12 - Please report any significant changes in the legal status and / or contractual / traditional protective measures and management

arrangements for the World Heritage property since inscription or the last Periodic report

4.4. Financial and Human Resources

4.4.1 - Costs related to conservation, based on the average of last five years (relative percentage of the funding sources)

Multilateral funding (GEF, World Bank, etc)	
International donations (NGO's, foundations, etc)	
Governmental (National / Federal)	5%
Governmental (Regional / Provincial / State)	95%
Governmental (Local / Municipal)	
In country donations (NGO's, foundations, etc)	
Individual visitor charges (e.g. entry, parking, camping fees, etc.)	
Commercial operator payments (e.g. filming permit, concessions, etc.)	
Other grants	

4.4.2 - International Assistance received from the World Heritage Fund (USD)

4.4.3 - Is the current budget sufficient to manage the World Heritage property effectively?

The available budget is **acceptable** but could be further improved to fully meet the management needs

4.4.4 - Are the existing sources of funding secure and likely to remain so?

The existing sources of funding are **secure** in the medium-term and planning is underway to secure funding in the long-term

4.4.5 - Does the World Heritage property provide economic benefits to local communities (e.g. income, employment)?

There is **some flow** of economic benefits to local communities

4.4.6 - Are available resources such as equipment, facilities and infrastructure sufficient to meet management needs?

There are **adequate** equipment and facilities

4.4.7 - Are resources such as equipment, facilities and infrastructure adequately maintained?

Equipment and facilities are **well maintained**

4.4.8 - Comments, conclusion, and / or recommendations related to finance and infrastructure

The economic benefits that flow to local communities from Riversleigh are limited by its remoteness.

4.4.9 - Distribution of employees involved in managing the World Heritage property (% of total)

Full-time	70%
Part-time	30%

4.4.10 - Distribution of employees involved in managing the World Heritage property (% of total)

Permanent	95%
Seasonal	5%

4.4.11 - Distribution of employees involved in managing the World Heritage property (% of total)

Paid	100%
Volunteer	0%

4.4.12 - Are available human resources adequate to manage the World Heritage property?

Human resources are **adequate** for management needs

4.4.13 - Considering the management needs of the World Heritage property, please rate the availability of professionals in the following disciplines

Research and monitoring	Good
Promotion	Good
Community outreach	Fair
Interpretation	Fair
Education	Good
Visitor management	Good
Conservation	Good
Administration	Good
Risk preparedness	Good
Tourism	Good
Enforcement (custodians, police)	Fair

4.4.14 - Please rate the availability of training opportunities for the management of the World Heritage property in the following disciplines

Research and monitoring	High
Promotion	Medium
Community outreach	High
Interpretation	Medium
Education	High
Visitor management	Medium
Conservation	Medium
Administration	Medium
Risk preparedness	High
Tourism	Medium
Enforcement (custodians, police)	Medium

4.4.15 - Do the management and conservation programmes at the World Heritage property help develop local expertise?

A capacity development plan or programme is **in place and fully implemented**; all technical skills are being transferred to those managing the property locally, who are assuming leadership in management

4.4.16 - Comments, conclusions and / or recommendations related to human resources, expertise and training

Q 4.4.14 & 4.4.15: The management capacity for the Property is effective. Both sites fall within National Parks and the managing agencies have effective capacity, training and development systems in place. Specialist capacity is brought

in when not locally available (noting that Riversleigh is a remote locality with limited staff)

4.5. Scientific Studies and Research Projects

4.5.1 - Is there adequate knowledge (scientific or traditional) about the values of the World Heritage property to support planning, management and decision-making to ensure that Outstanding Universal Value is maintained?

Knowledge about the values of the World Heritage property is sufficient

4.5.2 - Is there a planned programme of research at the property which is directed towards management needs and / or improving understanding of Outstanding Universal Value?

There is considerable research but it is not directed towards management needs and / or improving understanding of Outstanding Universal Value

4.5.3 - Are results from research programmes disseminated?

Research results are shared widely with the local, national and international audiences

4.5.4 - Please provide details (i.e. authors, title, and web link) of papers published about the World Heritage property since the last Periodic Report

Peer reviewed journal articles Boles, WE (2008). Systematics of the fossil Australian giant megapodes Progora (Aves: Megapodiidae). *Oryctos* 7:191–211. Darrenougue, N, et al. (2009) Travouillon, et al. (2009) Palaeoecological analyses of Riversleigh's Oligo-Miocene sites, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 276: 24-37. See also www.rivsoc.org.au/RivSoc/Display.asp?page=4

4.5.5 - Comments, conclusions and / or recommendations related to scientific studies and research projects

NARACOORTE A long-standing relationship exists between Naracoorte Caves NP & WHA and Flinders University, Adelaide as well as with other SA universities. Linkages to other Australian and international institutions accrues from these relationships. RIVERSLEIGH Relationship exists between Queensland Parks and Wildlife Service and the University of New South Wales.

4.6. Education, Information and Awareness Building

4.6.1 - At how many locations is the World Heritage emblem displayed at the property?

In many locations and easily visible to visitors

4.6.2 - Please rate the awareness and understanding of the existence and justification for inscription of the World Heritage property amongst the following groups

Local communities / residents	Poor
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Local / Municipal authorities within or adjacent to the property	Average
Local Indigenous peoples	Average
Local landowners	Average
Visitors	Average
Tourism industry	Average
Local businesses and industries	Poor

4.6.3 - Is there a planned education and awareness programme linked to the values and management of the World Heritage property?

There is a planned and effective education and awareness programme that contributes to the protection of the World Heritage property

4.6.4 - What role, if any, has designation as a World Heritage property played with respect to education, information and awareness building activities?

World Heritage status has influenced education, information and awareness building activities, but it could be improved

4.6.5 - How well is the information on Outstanding Universal Value of the property presented and interpreted?

The Outstanding Universal Value of the property is adequately presented and interpreted but improvements could be made

4.6.6 - Please rate the adequacy for education, information and awareness building of the following visitor facilities and services at the World Heritage property

Visitor centre	Excellent
Site museum	Not needed
Information booths	Adequate
Guided tours	Adequate
Trails / routes	Poor
Information materials	Adequate
Transportation facilities	Poor
Other	

4.6.7 - Comments, conclusions and / or recommendations related to education, information and awareness building

Both sites are involved in education, information and awareness building with their respective audiences. RIVERSLEIGH There are limited opportunities for local information, interpretation and transport at Riversleigh owing to its very remote location Naracoorte has better facilities including an animatronic display constructed since listing.

4.7. Visitor Management

4.7.1 - Please provide the trend in annual visitation for the last five years

Last year	Static
Two years ago	Static
Three years ago	Static
Four years ago	Static
Five years ago	Static

4.7.2 - What information sources are used to collect trend data on visitor statistics?

Entry tickets and registries
Accommodation establishments
Tourism industry
Visitor surveys

4.7.3 - Visitor management documents

Comment

NARACOORTE Naracoorte National Park Management Plan
Dept of Environment and Natural Resources Visitor Strategy
2009 RIVERSLEIGH Riversleigh Management Strategy.
Riversleigh does not have entry tickets, accommodation ,or
transport services within the World Heritage Area.

4.7.4 - Is there an appropriate visitor use management plan (e.g. specific plan) for the World Heritage property which ensures that its Outstanding Universal Value is maintained?

Visitor use of the World Heritage property is **effectively managed** and does not impact its Outstanding Universal Value

4.7.5 - Does the tourism industry contribute to improving visitor experiences and maintaining the values of the World Heritage property?

There is **limited co-operation** between those responsible for the World Heritage property and the tourism industry to present the Outstanding Universal Value and increase appreciation

4.7.6 - If fees (i.e. entry charges, permits) are collected, do they contribute to the management of the World Heritage property?

The fee is collected, and makes **some contribution** to the management of the World Heritage property

4.7.7 - Comments, conclusions and / or recommendations related to visitor use of the World Heritage property

NARACOORTE Naracoorte has sound relationships with local, regional and State tourism agencies. RIVERSLEIGH 4.7.5 - 4.7.5.2 There is very good contact between those responsible for the WH property and some sectors of the tourism industry. 4.7.6 - 4.7.6.1 Small fees for commercial operators are collected.

4.8. Monitoring

4.8.1 - Is there a monitoring programme at the property which is directed towards management needs and / or improving understanding of Outstanding Universal Value?

There is a **small amount** of monitoring, but it is not planned

4.8.2 - Are key indicators for measuring the state of conservation used to monitor how the Outstanding Universal Value of the property is maintained?

Information on the values of the World Heritage property is sufficient to define key indicators, **but this has not been done**

4.8.3 - Please rate the level of involvement in monitoring of the following groups

World Heritage managers / coordinators and staff	Average
Local / Municipal authorities	Not applicable
Local communities	Average
Researchers	Average
NGOs	Not applicable
Industry	Average
Local indigenous peoples	Excellent

4.8.4 - Has the State Party implemented relevant recommendations arising from the World Heritage Committee?

No relevant Committee recommendations to implement

4.8.5 - Please provide comments relevant to the implementation of recommendations from the World Heritage Committee

4.8.6 - Comments, conclusions and / or recommendations related to monitoring

NARACOORTE Site condition monitoring programme planned, to be implemented in 2010/11 FY. RIVERSLEIGH There is low level of monitoring and no one permanently located at site due to remoteness. However regular patrols conducted by National Park staff and the values are relatively robust. Cultural monitoring is undertaken during annual palaeontological excavations. Research activities are monitored.

4.9. Identification of Priority Management Needs

4.9.1 - Please select the top 6 managements needs for the property (if more than 6 are listed below)

Please refer to question 5.2

5. Summary and Conclusions

5.1. Summary - Factors affecting the Property

5.1.1 - Summary - Factors affecting the Property

	World Heritage criteria and attributes affected	Actions	Monitoring	Timeframe	Lead agency (and others involved)	More info / comment	
3.1	Buildings and Development						
3.1.5	Interpretative and visitation facilities	Limited presentation of the World Heritage values to the public.	Riversleigh has no formal interpretation centre. Implementation of the Riversleigh Interpretation Strategy should resolve this issue.	Visitor surveys via track counters.	2011-2013.	State and Commonwealth Governments.	none
3.8	Social/cultural uses of heritage						
3.8.2	Society's valuing of heritage	In addition to World Heritage values, the Riversleigh region has significant Indigenous cultural values.	The Indigenous heritage values are protected through continuing to facilitate the Waanyi Ministerial Advisory Committee and the Riversleigh Community and Scientific Advisory Committees.	Minutes of the meetings of the two Committees.	The Committees meet quarterly.	State and Commonwealth Governments.	none
3.8.4	Changes in traditional ways of life and knowledge system	In addition to World Heritage values, the Riversleigh region has significant Indigenous cultural values.	The Indigenous heritage values are protected through continued facilitation of the Waanyi Ministerial Advisory Committee and the Riversleigh Community and Scientific Advisory Committee.	Cultural monitoring takes place in the World Heritage Area and during the Palaeontological annual dig.	The Committees meet annually. The palaeontological excavation is conducted annually.	State and Commonwealth Governments.	Riversleigh is situated 340kms from Mount Isa, due to its remoteness consultation with the traditional owners is through both the Waanyi Ministerial Advisory Committee and representation on the Riversleigh Community Scientific Advisory Committee.
3.11	Sudden ecological or geological events						
3.11.5	Erosion and siltation/ deposition						
3.11.6	Fire (wildfires)	At Naracoorte, there is a risk that fossils stored in the site's Fossil Laboratory could be impacted in a wildfire or a building fire. Naracoorte's fossil deposits – found below ground – would not be affected by a fire. Riversleigh criteria and attributes not likely to be affected by fire.	South Australia DENR has fire management programs. Slashing to reduce a build-up of fuel loads occurs annually.	Annual audits of the Fossil Laboratory. Fire extinguishers and water hoses available.	Annually	State Agencies.	none
3.13	Management and institutional factors						
3.13.2	High impact research / monitoring activities						

5.2. Summary - Management Needs

5.2.2 - Summary - Management Needs

4.8 Monitoring				
	Actions	Timeframe	Lead agency (and others involved)	More info / comment

4.8.1	Some monitoring, but it is not planned	NARACOORTE: Site condition monitoring is planned and will be implemented in 2010/11 financial year. ex not req low impact monitoring RIVERSLEIGH: Low levels of monitoring frequently undertaken.	NARACOORTE: Implementation start: 2011: Ongoing	NARACOORTE: Dept of Environment and Natural Resources	NARACOORTE: Site condition monitoring will assist protection of outstanding universal values
4.8.2	Key indicators have not been defined	NARACOORTE: Site condition monitoring will reconfirm key indicators	NARACOORTE: 2010-11 and beyond.	NARACOORTE: Dept of Environment and Natural Resources	NARACOORTE: Links to monitoring programme

5.3. Conclusions on the State of Conservation of the Property

5.3.1 - Current state of Authenticity

Not applicable (for sites inscribed exclusively under criteria vii to x)

5.3.2 - Current state of Integrity

The integrity of the World Heritage property is **intact**

5.3.3 - Current state of the World Heritage property's Outstanding Universal Value

The World Heritage property's Outstanding Universal Value has been **maintained**.

5.3.4 - Current state of the property's other values

Other important cultural and / or natural values and the state of conservation of the World Heritage property are **predominantly intact**

5.4. Additional comments on the State of Conservation of the Property

5.4.1 - Comments

Fossil Mammal Sites are generally a robust value, require limited day-to-day management for their maintenance, and are within National Parks. In addition, Riversleigh is in a remote locality, limiting opportunities for interpretation and facilities

6. World Heritage Status and Conclusions on Periodic Reporting Exercise

6.1 - Please rate the impacts of World Heritage status of the property in relation to the following areas

Conservation	Positive
Research and monitoring	Positive
Management effectiveness	Very positive
Quality of life for local communities and indigenous peoples	Negative
Recognition	Positive
Education	Positive
Infrastructure development	Positive
Funding for the property	Positive
International cooperation	Positive
Political support for conservation	Positive
Legal / Policy framework	No impact
Lobbying	Positive
Institutional coordination	Positive
Security	Positive
Other (please specify)	Not applicable

6.2 - Comments, conclusions and / or recommendations related to World Heritage status

Conclusions related to World Heritage status are similar for both sites.

6.3 - Entities involved in the preparation of this Section of the Periodic Report

Governmental institution responsible for the property
Site Manager/Coordinator/World Heritage property staff
Staff from other World Heritage properties
Non Governmental Organization
Indigenous peoples
Local community
External experts
Advisory bodies

6.4 - Was the Periodic Reporting questionnaire easy to use and clearly understandable?

no

6.5 - Please provide suggestions for improvement of the Periodic Reporting questionnaire

In the main the questionnaire is understandable though it is lengthy. Suggestions for Improvement: Populate the spreadsheet with data from the previous report.

6.6 - Please rate the level of support for completing the Periodic Report questionnaire from the following entities

UNESCO	Good
State Party Representative	Fair
Advisory Body	Fair

6.7 - How accessible was the information required to complete the Periodic Report?

Most of the required information was accessible

6.8 - The Periodic Reporting process has improved the understanding of the following

Monitoring and reporting

6.9 - Please rate the follow-up to conclusions and recommendations from previous Periodic Reporting exercise by the following entities

UNESCO	None
State Party	Satisfactory
Site Managers	Satisfactory
Advisory Bodies	Satisfactory

6.10 - Summary of actions that will require formal consideration by the World Heritage Committee

• Statement of Outstanding Universal Value / Statement of Significance

Reason for update: A Retrospective Statement of Outstanding Universal Value was submitted to the World Heritage Centre on 1 February 2011, awaiting World Heritage Committee approval in June 2012.

• Geographic Information Table

Reason for update: There are no buffer zones for this property (Buffer zone (ha)).

**6.11 - Comments, conclusions and / or
recommendations related to the Assessment of the
Periodic Reporting exercise**

The Australian Fossil Mammal Sites are in different parts of Australia and have significantly different management needs – Riversleigh is, for example, much more isolated