

Gebel Barkal and the Sites of the Napatan Region

1. World Heritage Property Data

1.1 - Name of World Heritage property






Gebel Barkal and the Sites of the Napatan Region

1.2 - World Heritage property details

1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
Gebel Barkal	18.537 / 31.828	121	40	161	2003
El-Kurru	18.41 / 31.771	4.5	6.5	11	2003
Nuri	18.564 / 31.917	17	0	17	2003
Sanam	18.482 / 31.819	20	0	20	2003
Zuma	18.37 / 31.741	20	0	20	2003
Total (ha)		182.5	46.5	229	

1.4 - Map(s)

Title	Date	Link to source
Gebel Barkal and the Sites of the Napatan Region - map of Nuri	2003	
Gebel Barkal and the Sites of the Napatan Region - map of Sanam	2003	
Gebel Barkal and the Sites of the Napatan Region - map of Zuma	2003	
Gebel Barkal and the Sites of the Napatan Region - map of Gebel Barkal	2003	
Gebel Barkal and the Sites of the Napatan Region - map of El-Kurru	2003	

1.5 - Web and Social Media data of the property (if applicable)

1. [Société des Cultures Nubiennes](#)
2. Other Conventions/Programmes under which the World Heritage property is protected (if applicable)

2.1 - Records indicate that your World Heritage property (in whole or in part) is designated and/or protected under the Conventions/programmes shown in the prefilled table below. Please check and amend as necessary.

		The World Heritage property (in whole or in part) <u>is</u> designated and/or protected under this convention/programme	The World Heritage property (in whole or in part) <u>is not</u> designated and/or protected under this convention/programme
2.1.1	International Register of Cultural Property under Special Protection (1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		✗
2.1.2	List of Cultural Property under Enhanced Protection (Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		✗
2.1.3	The List of Wetlands of International Importance (The Ramsar List) (Convention on Wetlands of International Importance (Ramsar Convention))		✗
2.1.4	World Network of Biosphere Reserves Man and the Biosphere (MAB) Programme		✗
2.1.5	Global Geoparks Network UNESCO Global Geoparks		✗

2.2 - Please provide comments on 2.1 if necessary

Non

2.3 - Do your national authorities intend to request the granting of Enhanced Protection (if relevant) under the Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict for the World Heritage property in the next three years?

Yes

2.4 - Do your national authorities intend to designate whole or part of the World Heritage property for inclusion in the List of Wetlands of International Importance (The Ramsar List), if relevant, in the next three years?

No

2.5 - Do your national authorities intend to designate whole or part of the World Heritage property as a Man and Biosphere Reserve (if relevant) in the next three years?

Not applicable

2.6 - Do your national authorities intend to apply for whole or part of World Heritage property to be designated as a UNESCO Global Geopark (if relevant) in the next three years?

Not applicable

2.7 - Please indicate the level of cooperation at property level between designations under different Conventions/Programmes

2.7.1	1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	✕
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.2	Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	✕
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.3	Convention on Wetlands of International Importance (Ramsar Convention)	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.4	Man and the Biosphere (MAB) Programme	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	✕
2.7.4	The World Heritage Site Manager also manages this designation/programme.	
2.7.5	UNESCO Global Geoparks	
2.7.1	There is no contact with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager occasionally communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager regularly communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager also manages this designation/programme.	

2.8 - Please add any further comments on cooperation with the other designation(s)/programme(s)

Non

2.9 - Are you aware of any elements associated with the World Heritage property that have been inscribed on the Representative List of the Intangible Cultural Heritage?

Not aware

2.10 - Please list any elements associated with the World Heritage property inscribed under the Convention for the Safeguarding of the Intangible Cultural Heritage of which you are aware

Non

2.11 - Are you aware of any documentary heritage listed under the Memory of the World Programme associated with the World Heritage property?

Not aware

2.12 - Please list any documentary heritage associated with the World Heritage property listed under the Memory of the World Programme of which you are aware.

Non

3. Statement of Outstanding Universal Value

3.1 - Statement of Outstanding Universal Value for the property as adopted by the World Heritage Committee

Statement of Outstanding Universal Value

Brief synthesis

Gebel Barkal and the Sites of the Napatan Region comprise five archaeological sites on both sides of the Nile in an arid area considered part of Nubia. Together they cover an area more than 60 km long. The sites (Gebel Barkal, Kurru, Nuri, Sanam and Zuma) represent the Napatan (900 - 270 BC) and Meroitic (270 BC - 350 AD) cultures of the second kingdom of Kush. They include tombs, with and without pyramids, temples, burial mounds and chambers, living complexes and palaces. They exhibit an architectural tradition that shaped the political, religious, social and artistic scene of the Middle and Northern Nile Valley for more than 2000 years (1500 BC- 6th Century AD).

The pyramids, tombs, temples, palaces, burial mounds and funerary chambers set in the desert border landscape on the banks of the Nile, are unique in their typology and technique. The remains, with their art and inscriptions, are testimony to a great ancient culture that existed and flourished only in this region.

Gebel Barkal has been a sacred mountain since New Kingdom times (ca. 1500 BC). The Egyptians believed that their State God Amon resided in this "Holy Mountain". Today, the mountain is locally named (Gebel Wad el-Karsani) after a Muslim sheikh (saint) buried near the 100m high, flat-topped sandstone rock. The mountain is closely associated with religious traditions, since the tomb of this sheikh is still being visited by the local people for blessings.

Criterion (i): The pyramids, palaces, temples, burial chambers and funerary chapels of Gebel Barkal and the Sites of the Napatan Region and their related relief, writings and painted scenes on walls represent a masterpiece of creative genius demonstrating the artistic, social, political and religious values of a human group for more than 2000 years.

The corbel vaults of the tombs of Kurru constitute a new building technique which influenced Mediterranean architecture from the 7th Century BC onwards.

Criterion (ii): In terms of their architecture the sites of the Napatan Region testify to the revival of a once almost universal religion and related language: the Egyptian old script and the worship of the State God Amon.

Criterion (iii): Gebel Barkal and the other sites of the property bear an exceptional witness of the Napato-Meroitic (Kushite) civilization that prevailed in the Nile Valley from the 9th Century BC to the Christianization of the country in the 6th Century. This civilization had strong links to the northern Pharaonic and other African cultures.

Criterion (iv): The typology of the buildings, their details and the layout of the ensemble of the pyramids of Gebel Barkal, Nuri and Kurru with their steep angles and decorated sides, together with the painted rock-cut burial chambers, represent an outstanding example of funerary architecture and distinctive art that prevailed over a long period of time (9th Century BC- 4th Century AD). The mounds of Zuma represent a continuation of some aspects of this burial tradition up to the 6th Century AD.

Criterion (vi): Since antiquity the hill of Gebel Barkal has been strongly associated with religious traditions and local folklore. For this reason, the largest temples (Amon Temple for example) were built at the foot of the hill and are still considered by the local people as sacred places.

Integrity (2009)

The building materials and shapes of the pyramids, palaces, temples, burial chambers and funerary chapels have not been altered or modified. The relief, writings and painted scenes have equally preserved their original design, texture and color.

The high degree of intactness of the attributes expressing Outstanding Universal Value gives the serial site's great integrity. The archaeological buildings are only very slightly affected by modern urban extensions. However, careful monitoring of the developments around the property needs to be carried out, especially urban extension on the Desert side.

Authenticity (2009)

The five sites are located in an exceptional river and semi-desert landscape almost untouched by modern development.

Most of the pyramids of Gebel Barkal are still preserved in their original shape and height. The relief and paintings on the walls of temples and burial chambers are equally well preserved. Even the monuments affected by the action of nature and man still demonstrate the original pattern of human occupation of the territory.

The limited inadequate restoration interventions of the last century are easy to remove and replace by others according to modern scientific standards.

The material remains, such as the inscriptions (Mut Temple) and the paintings (Kurru), express the revival of a once almost universal religion and related language: the Egyptian old script and the worship of the State God Amon.

The scene preserved inside the rock-cut temple dedicated to the Goddess Mut and representing King Taharqa worshipping God Amon seated inside the flat topped mountain testifies to the sacred nature of this mountain.

The site is connected with the greatest Kings of the Middle Nile Region, whose political power extended up to the Egyptian Delta and Palestine. One of their famous

rulers, Taharqa, is the only Sudanese sovereign mentioned by name in the Old Testament.

All these attributes in terms of design, materials, art, inscriptions, location and setting express the Outstanding Universal Value of the property.

Protection and management requirements (2009)

The property is protected by the Antiquities Protection Ordinance of 1905, amended in 1952 and recently in 1999. A Management Council has been established and a resident site manager has been appointed. He is assisted by a group of technicians.

A management plan was prepared in 2007 and approved in 2009. This plan still needs to be fully implemented.

The sites are guarded by a military force from the Police of Tourism and Antiquities. Detailed topographic maps have been prepared showing clearly the boundaries of the property. A buffer zone which would provide a better protection to the property is still to be established on the five components of the property. This buffer zone is only partially established. A consultant company is preparing the design and cost for the fencing and basic infrastructure on the sites. A museum for the history of the region has been established within the compound of a tourist village at Sanam in cooperation with a local investor.

The Management Council will attract foreign partners to contribute to the ongoing efforts for the preservation of the archaeological heritage of the sites. There is still a considerable potential for research on the five components of the property.

3.2 - Please list the key attributes of Outstanding Universal Value of your property and give an assessment of their condition. As a guideline, it is suggested to focus on approximately five key attributes (no more than 15 overall).

	Brief identification of attribute	Preserved	Compromised	Seriously compromised	Lost
3.2.1	Historical features	✖			
3.2.2	Features of aesthetics	✖			
3.2.3	Natural features	✖			
3.2.4	Geographical location	✖			
3.2.5	Economic value	✖			
3.2.6					
3.2.7					
3.2.8					
3.2.9					
3.2.10					
3.2.11					
3.2.12					
3.2.13					
3.2.14					
3.2.15					

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

The Barkal site is of historical value as it dates back to ancient historical periods. The aesthetic value is concentrated in the great sites such as Jebel Barkal, temples and pyramids as it overlooks the Nile. The natural value of Jebel Barkal shows itself. It is characterized by a strategic geographical location overlooking the Nile from the direction and the desert from the direction. The state depends on the incoming tourism that visits Barkal sites.

4. Factors Affecting the Property

4.1. Buildings and Development

4.1.1 - Housing

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Current, Potential, Outside

✖ Relevant

Not relevant

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✖	✖	✖	✖	✖		→	

4.1.2 - Commercial development

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Potential, Outside

Relevant

✖ Not relevant

4.1.3 - Industrial areas

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	✗ Not relevant
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4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Potential, Outside

✗ Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive							
🔴 Negative ✗		✗					📈

4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	✗ Not relevant
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4.1.6 - Please comment as necessary on how the factors selected as relevant in 4.1 are affecting the property either negatively or positively

For the buildings and development can be said that the negatives more than the pros and may lead to these buildings to infringement and in the future may be a major cause of the deterioration of the site

4.2. Transportation Infrastructure

4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Current, Potential, Outside

✗ Relevant	Not relevant
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	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive							
🔴 Negative ✗	✗		✗			➡	

4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	✗ Not relevant
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4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	✗ Not relevant
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4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (31/07/2009):

- Relevant, Positive, Potential, Outside

Relevant	✗ Not relevant
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4.2.5 - Effects arising from use of transportation infrastructure

Relevant	✗ Not relevant
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4.2.6 - Please comment as necessary on how the factors selected as relevant in 4.2 are affecting the property either negatively or positively

With regard to the infrastructure of the site there are negative effects by visitors, especially in the absence of awareness.

4.3. Services Infrastructures

4.3.1 - Water infrastructure

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	✕ Not relevant
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4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	✕ Not relevant
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4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	✕ Not relevant
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4.3.4 - Localised utilities

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Potential, Outside

Relevant	✕ Not relevant
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4.3.5 - Major linear utilities

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Current, Inside, Outside

Relevant	✕ Not relevant
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4.3.6 - Please comment as necessary on how the factors selected as relevant in 4.3 are affecting the property either negatively or positively

Some sites that follow the Barkal site lack some infrastructure.

4.4. Pollution

4.4.1 - Pollution of marine waters

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	✕ Not relevant
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4.4.2 - Ground water pollution

Previous answer Cycle 2 (31/07/2009):

- Not relevant

✕ Relevant		Not relevant					
Impact	Impact		Origin		Trend of impact		
	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive							
🔴 Negative ✕	✕		✕				📈

4.4.3 - Surface water pollution

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	✕ Not relevant
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4.4.4 - Air pollution

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.4.5 - Solid waste

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Current, Potential, Inside, Outside

Relevant

✕ Not relevant

4.4.6 - Input of excess energy

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.4.7 - Please comment as necessary on how the factors selected as relevant in 4.4 are affecting the property either negatively or positively

There is clear increase in the level of ground water at Nuri affecting the burial chambers.

4.5. Biological resource use/modification

4.5.1 - Fishing/collecting aquatic resources

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.5.2 - Aquaculture

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.5.3 - Land conversion

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Current, Inside, Outside

Relevant

✕ Not relevant

4.5.4 - Livestock farming/Grazing of domesticated animals

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Current, Inside, Outside

Relevant

✕ Not relevant

4.5.5 - Crop production

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Current, Inside, Outside

Relevant

✕ Not relevant

4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.5.8 - Commercial hunting

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.5.9 - Subsistence hunting

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	✕ Not relevant
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4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	✕ Not relevant
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4.5.11 - Please comment as necessary on how the factors selected as relevant in 4.5 are affecting the property either negatively or positively

Non

4.6. Physical resource extraction

4.6.1 - Mining

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	✕ Not relevant
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4.6.2 - Quarrying

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	✕ Not relevant
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4.6.3 - Oil and gas

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	✕ Not relevant
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4.6.4 - Water (extraction)

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	✕ Not relevant
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4.6.5 - Please comment as necessary on how the factors selected as relevant in 4.6 are affecting the property either negatively or positively

Non

4.7. Local conditions affecting physical fabric

4.7.1 - Wind

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Current, Inside, Outside

✕ Relevant			Not relevant				
Impact	Impact		Origin		Trend of impact		
	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕		✕				

4.7.2 - Relative humidity

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Current, Potential, Inside, Outside

Relevant	✕ Not relevant
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4.7.3 - Temperature

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Current, Potential, Inside, Outside

Relevant	✕ Not relevant
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4.7.4 - Radiation/Light

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.7.5 - Dust

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Current, Inside, Outside

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.7.6 - Water (rain/water table)

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Current, Inside

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.7.7 - Pests

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Current, Inside

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.7.8 - Micro-organisms

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.7.9 - Please comment as necessary on how the factors selected as relevant in 4.7 are affecting the property either negatively or positively

Wind is the main factor of erosion and all monuments are with sand stone

4.8. Social/Cultural uses of heritage

4.8.1 - Ritual/Spiritual/Religious and associative uses

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Current, Potential, Inside

<input checked="" type="checkbox"/> Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				

4.8.2 - Society's valuing of heritage

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.8.4 - Changes in traditional ways of life and knowledge system

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.8.5 - Identity, social cohesion, changes in local population and community

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.8.6 - Impacts of tourism/Visitation/Recreation

Previous answer Cycle 2 (31/07/2009):

- Relevant, Positive, Potential, Inside, Outside

<input checked="" type="checkbox"/> Relevant	Not relevant						
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	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				

4.8.7 - Please comment as necessary on how the factors selected as relevant in 4.8 are affecting the property either negatively or positively

There is a negative impact of tourism need to be consider in managing and protection of the site

4.9. Other human activities

4.9.1 - Illegal activities

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Current, Inside

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (31/07/2009):

- Not relevant

<input checked="" type="checkbox"/> Relevant	Not relevant						
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	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>				

4.9.3 - Military training

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.9.4 - War

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.9.5 - Terrorism

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.9.6 - Civil unrest

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
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4.9.7 - Please comment as necessary on how the factors selected as relevant in 4.9 are affecting the property either negatively or positively

There are many negative attitude of the visitors like scratching name and graffiti in general

4.10. Climate change and severe weather events

4.10.1 - Storms

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.10.2 - Flooding

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Current, Inside, Outside

Relevant

✕ Not relevant

4.10.3 - Drought

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.10.4 - Desertification

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.10.6 - Temperature change

Previous answer Cycle 2 (31/07/2009):

- Relevant, Negative, Current, Potential, Inside

Relevant

✕ Not relevant

4.10.7 - Other climate change impacts

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.10.8 - Please comment as necessary on how the factors selected as relevant in 4.10 are affecting the property either negatively or positively

Non

4.11. Sudden ecological or geological events

4.11.1 - Volcanic eruption

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.11.2 - Earthquake

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.11.7 - Please comment as necessary on how the factors selected as relevant in 4.11 are affecting the property either negatively or positively

Non

4.12. Invasive/alien species or hyper-abundant species

4.12.1 - Translocated species

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.12.3 - Invasive/Alien freshwater species

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.12.6 - Modified genetic material

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.12.7 - Please comment as necessary on how the factors selected as relevant in 4.12 are affecting the property either negatively or positively











Non

4.13. Management and institutional factors

4.13.1 - Management system/Management plan

✕ Relevant

Not relevant

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕		✕	✕	✕			
 Negative							

4.13.2 - Legal framework

Relevant

✕ Not relevant

4.13.3 - Governance

Relevant

✕ Not relevant

4.13.4 - Management activities

Previous answer Cycle 2 (31/07/2009):

- Relevant, Positive, Negative, Current, Potential, Inside, Outside

✕ Relevant

Not relevant

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕		✕				
 Negative							

4.13.5 - Financial resources

Relevant

✕ Not relevant

4.13.6 - Human resources

Relevant

✕ Not relevant

4.13.7 - Low impact research/monitoring activities

Previous answer Cycle 2 (31/07/2009):

- Not relevant

✕ Relevant

Not relevant

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕	✕			
 Negative							

4.13.8 - High impact research/monitoring activities

Previous answer Cycle 2 (31/07/2009):

- Not relevant

Relevant

✕ Not relevant

4.13.9 - Please comment as necessary on how the factors selected as relevant in 4.13 are affecting the property either negatively or positively

Non










4.14. Other factor(s)














































4.14.1 - Other factor(s)

Non

4.15. Factors Summary Table

4.15.1 - Factors Summary Table







Name	Impact		Origin		Trend	
4.1 Buildings and Development						
4.1.1 Housing						
						
4.1.4 Major visitor accommodation and associated infrastructure						
						
4.2 Transportation Infrastructure						
4.2.1 Ground transport infrastructure						

						
4.4 Pollution						
4.4.2 Ground water pollution						
						
4.7 Local conditions affecting physical fabric						
4.7.1 Wind						
						
4.8 Social/Cultural uses of heritage						
4.8.1 Ritual/Spiritual/Religious and associative uses						
						
4.8.6 Impacts of tourism/Visitation/Recreation						
						
4.9 Other human activities						
4.9.2 Deliberate destruction of heritage						
						
4.13 Management and institutional factors						
4.13.1 Management system/Management plan						
						
4.13.4 Management activities						
						
4.13.7 Low impact research/monitoring activities						
						
Legend  Current  Potential  Negative  Positive  Inside  Outside						

4.16. Assessment of current and potential positive and negative factors

4.16.1 - Assessment of current and potential negative and positive factors

4.1 Buildings and Development

Name		Impact			Origin		Trend
4.1.1 Housing							
							
Spatial scale - Area affected by the factor							
	Restricted						
✕	Localised						
	Extensive						
	Widespread						
Temporal scale - Occurrence of the impact							
✕	One off or rare						
	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Impact on the attributes							
	Insignificant						

✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.1.4 Major visitor accommodation and associated infrastructure						
	⊖		📢			↗

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
✕	Decreasing
	Static
	Increasing

4.2 Transportation Infrastructure




Name		Impact			Origin		Trend
4.2.1 Ground transport infrastructure							
Spatial scale - Area affected by the factor							
	Restricted						
	Localised						
	Extensive						
	Widespread						
Temporal scale - Occurrence of the impact							
	One off or rare						
	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Impact on the attributes							
	Insignificant						
	Minor						
	Significant						
	Major						
Management response - Capacity of management to respond							
	High capacity						
	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Development over the last 6 years							
	Decreasing						
	Static						
	Increasing						

4.4 Pollution

Name		Impact			Origin		Trend
4.4.2 Ground water pollution							
Spatial scale - Area affected by the factor							
	Restricted						
	Localised						
	Extensive						
	Widespread						
Temporal scale - Occurrence of the impact							
	One off or rare						
	Intermittent or sporadic						
	Frequent						

✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing




4.7 Local conditions affecting physical fabric

Name	Impact			Origin		Trend
4.7.1 Wind						
						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing

	Static
✕	Increasing

4.8 Social/Cultural uses of heritage

Name	Impact	Origin	Trend
4.8.1 Ritual/Spiritual/Religious and associative uses			
	 		




Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
✕	Decreasing
	Static
	Increasing

Name	Impact	Origin	Trend
4.8.6 Impacts of tourism/Visitation/Recreation			
	 		

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare

	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing





4.9 Other human activities

Name	Impact	Origin	Trend
4.9.2 Deliberate destruction of heritage			
			

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Developement over the last 6 years	
	Decreasing
	Static
✕	Increasing

4.13 Management and institutional factors

Name	Impact	Origin	Trend
4.13.1 Management system/Management plan	 	 	





Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread

Temporal scale - Occurence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major







Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

Trend - Developement over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.13.4 Management activities	 		

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive

	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin		Trend
4.13.7 Low impact research/monitoring activities						

Spatial scale - Area affected by the factor	
	Restricted
	Localised
✕	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
✕	Significant
	Major
Management response - Capacity of management to respond	
✕	High capacity
	Medium capacity
	Low capacity

	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

4.17. Serial inscriptions (national or transnational)

4.17.1 - If your property is a serial inscription (national or transnational) please identify which components of the property are impacted by each factor

Jebel Barka: wind, tourism, Nuri: underground water Kuru: wind, tourism Sanam, Tourism Ez Zoma: Human factors

4.18. Prediction of the state of conservation at next cycle of Periodic Reporting.

4.18.1 - Please predict what the state of conservation of each attribute will be approximately 6 years from now (at the time of the next cycle of Periodic Reporting)

	Attribute	Preserved	Compromised	Seriously compromised	Lost
4.18.1.1	Jebel Barkal monuments		✕		
4.18.1.2	Nuri Pyramids		✕		
4.18.1.3	Kuru tombs	✕			
4.18.1.4	Sanam		✕		
4.18.1.5	Ez Zoma	✕			

5. Protection and Management of the Property

5.1. Boundaries and Buffer Zones

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

The boundaries **do not limit the ability to maintain** the property's Outstanding Universal Value but they **could be improved**

5.1.2 - Are the boundaries of the World Heritage property known and recognised?

The boundaries **are known** by the management authority **but are not known** by local communities/landowners

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

The property has **no buffer zone, but there is a need for one**

5.1.4 - Are the boundaries of the buffer zones known and recognised?

The buffer zones of the World Heritage property **are known and recognised** by the management authority **but are not known** by local communities/landowners

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

Some of the problems with the border are infringement by the local government and some citizens.

5.2. Protective Measures

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

Les cinq sites archéologiques proposés pour l'Inscription sont protégés par une législation sur les antiquités promulguée par les autorités d'occupation britannique, en 1905; de là est né « L'Antiquities Ordinance » actuellement en vigueur, après sa refonte respectivement en 1952 et 1999.

Source: Proposition d'inscription, IV.b

5.2.2 - Please list any legislation and other measures (regulatory -including spatial planning- contractual, institutional or traditional) not included in 5.2.1 and indicate the category

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

An **adequate legal framework** for maintaining of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists **but there are some deficiencies in implementation**

5.2.4 - 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?

An **adequate legal framework** in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists **but there are some deficiencies in implementation**

5.2.5 - Is the legal framework (i.e. legislation and/or regulation) in the broader setting of the World Heritage property adequate for

maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The **legal framework** for the broader setting of the World Heritage property provides an **adequate 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

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

There are **major deficiencies in capacity/resources** to enforce legislation and/or regulation in the World Heritage property

5.2.7 - Please provide a short summary of how the legislation, including spatial planning and other regulation, works in practice

Centralized laws that protect sites and non-interference from local governments.

5.2.8 - Comments, conclusions and/or recommendations about the information related to the measures taken to protect the World Heritage property

Full attention to registered sites and a plan of how to protect. Raise community awareness of the importance of the site.

5.3. Management System/Management Plan

5.3.1 - Please check the box which most closely match the character of the governance and management system of the property

Public management system at national level

If 'Other', please specify

5.3.2 - Management System: Please indicate which of the various management tools listed below are used to help protect the property.

A statutory Management Plan or zoning plan for the property.

A management plan

A visitor/visitation management plan

5.3.3 - Please give a brief description of the management system currently in place at your property

The work in conducting sustainable tourism plan for Jebel Barkal has been started

5.3.4 - Management Documents

Title	Status	Available	Date	Link to source
Management plan for the sites of the Napatan Region	N/A	Available	2001	

5.3.5 - Has any use been made of the 2011 Recommendation on the Historic Urban Landscape in developing policies and best practices for the protection of this property?

No use has been made of the 2011 Recommendation on the Historic Urban Landscape

5.3.6 - If the Historic Urban Landscape Recommendation has been used at this property, please describe briefly what has been done.

Non

5.3.7 - Has any use been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property?

Some use has been made of the World Heritage Policy for Climate Change

5.3.8 - If the Climate Change policy has been used, please briefly describe what has been done along with any research on the impacts of Climate Change on the property:

The effect of dam in the sites in increasing humidity in the area.

5.3.9 - Has any use been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property ?

No use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties

5.3.10 - If the Strategy for Reducing Risks from Disasters at World Heritage Properties has been used, please briefly describe what has been done

Non

5.3.11 - Rate the coordination between the various levels of administration (i.e. national/federal; regional/provincial/state; local/municipal etc.) involved in the management of the World Heritage property

There is **little coordination** between the range of administrative bodies involved in the management of the property

5.3.12 - 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

5.3.13 - Is the management system being implemented?

The management system is being **fully implemented and monitored**

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

An annual work/action plan **exists** and many of its activities are being implemented

5.3.15 - Does the management system include formal mechanisms and procedures that ensure participation and contribution of the following groups, living within or near the World Heritage property and/or buffer zone in management decisions that maintain the

Outstanding Universal Value of the property?

		Not applicable	No mechanisms for participation	Some participation	Direct participation	Transformative participation in all relevant decision processes
5.3.15.1	Local communities			✗		
5.3.15.2	Local authorities				✗	
5.3.15.3	Landowners in the property and the buffer zone			✗		
5.3.15.4	Indigenous peoples		✗			
5.3.15.5	Women	✗				
5.3.15.6	Other specific groups	✗				
	If you selected, 'Other specific groups' please specify					

5.3.16 - Please rate the cooperation/relationship between the World Heritage property managers/coordinators/staff and the following groups

		Not applicable	Non-existent	Poor	Fair	Good
5.3.16.1	Local communities					✗
5.3.16.2	Local/Municipal authorities				✗	
5.3.16.3	Indigenous peoples				✗	
5.3.16.4	Landowners					✗
5.3.16.5	Women					✗
5.3.16.6	Youth/Children					✗
5.3.16.7	Researchers					✗
5.3.16.8	Local Visitors/Tourists				✗	
5.3.16.9	National/International tourists					✗
5.3.16.10	Tourism Industry					✗
5.3.16.11	Local businesses and industries				✗	
5.3.16.12	NGOs					✗
5.3.16.13	Other specific groups				✗	
	If you selected 'Other specific groups', please specify					

5.3.17 - Please rate the extent to which the management system of your property contributes towards achieving the objectives of the World Heritage Committee's Policy for the Integration of a Sustainable Development Perspective into the Processes of the *World Heritage Convention*

		Not applicable	No contribution	Limited	Significant	Full achievement
5.3.17.1	The management system of the property contributes to gender equality				✗	
5.3.17.2	The management system of the property provides ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants)				✗	
5.3.17.3	The management system of the property contributes to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status					✗
5.3.17.4	The management system of the property integrates a human rights-based approach					✗
5.3.17.5	The management system of the property contributes to fostering inclusive local economic development, and to enhancing livelihood				✗	
5.3.17.6	The management system of the property contributes to conflict prevention, including respect for cultural diversity within and around the World Heritage property				✗	

5.3.18 - Please provide further details on the ratings of the management system given in the table above

Non

5.3.19 - Comments, conclusions and/or recommendations related to the management system/plan

The implementation of a management system at Jebel Barkal is facing some challenges , but there are now clear trend to move forward.The work on the sustainable tourism plan will also help in manging the site in more proper way

6. Financial and Human Resources

6.1. Funding

6.1.1 - If your funding sources do not exactly fit those shown, put the relevant amounts against the funding type that most closely represents your situation, and use the comment box below to provide more details.

		Project costs	Running costs
6.1.1.1	Multilateral funding (GEF, World Bank, etc.)	%	%
6.1.1.2	Bilateral international funding	%	%
6.1.1.3	World Heritage Fund (International Assistance)	0 %	0 %
6.1.1.4	Contribution from other conventions and programmes	%	%
6.1.1.5	International donations (NGOs, foundations, etc.)	10 %	5 %
6.1.1.6	Governmental (national/federal)	0 %	0 %
6.1.1.7	Governmental (regional/provincial/state)	0 %	0 %
6.1.1.8	Governmental (local/municipal)	%	%
6.1.1.9	In-country donations (NGOs, foundations, etc.)	%	%
6.1.1.10	Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)	0 %	0 %
6.1.1.11	Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.)	%	%
6.1.1.12	Other	%	%
		Total 10 %	Total 5 %

6.1.2 - Please comment here on any other aspects of funding sources not covered in the table above

There are not direct funding regarding managing the site. Only archaeological missions are running their project using their own fund

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

The available **budget is inadequate** for basic management needs and presents a serious constraint to the capacity to manage

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

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

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

Non

6.1.6 - Estimate the distribution of men and women involved in the management, conservation, interpretation of the World Heritage properties and the extent to which they are drawn from local communities.

		From local communities %	From elsewhere %
6.1.6.1	Men	30 %	20 %
6.1.6.2	Women	10 %	5 %
		Total 40 %	Total 25 %

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

Human resources are **inadequate** for management needs

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

Conservation	Poor
Environmental sustainability	Poor
Community participation and inclusion	Poor
Risk preparedness	Not available
Capacity development and education	Poor
Administration	Poor

Research and monitoring	Poor
Awareness raising and public information/communication	Poor
Marketing and promotion	Poor
Interpretation	Poor
Visitor management/tourism	Fair
Enforcement (custodians, police)	Fair

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

Conservation	Not available
Environmental sustainability	Not available
Community participation and inclusion	Not available
Risk preparedness	Not available
Capacity development and education	Not available
Administration	Not available
Research and monitoring	Not available
Awareness raising and public information/communication	Not available
Marketing and promotion	Not available
Interpretation	Not available
Visitor management/tourism	Poor
Enforcement (custodians, police)	Poor

6.1.10 - Has any use been made of the World Heritage Strategy for Capacity Building at the property?

No use has been made of the World Heritage Strategy for Capacity Building

6.1.11 - If the World Heritage Strategy for Capacity Building has been used, please briefly describe what has been done.

Non

6.1.12 - Are there site-specific capacity building plans or programmes that develop local expertise and that contribute to the transfer of skills for the conservation and management of the World Heritage property?

A site-based capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, **but most technical work is carried out by external staff**

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

Non

7. Scientific Studies and Research Projects

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

Knowledge about the values and attributes of the World Heritage property is **acceptable** for most key areas but there are gaps

7.2 - 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**

7.3 - Are results from research programmes publicly available and disseminated?

Research results **are shared** widely with **active outreach** to local communities and national and international audiences

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

The ongoing research projects at the property is providing considerable data. The next stage is to make use of these information in rising awareness and link that with today's needs

8. Education, Information and Awareness Building

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

Local communities	Poor
Local/municipal authorities	Poor

Indigenous peoples	Poor
Landowners	Poor
Women	Poor
Youth/children	Poor
Researchers	Fair
Local visitors	Poor
National/international tourists	Fair
Tourism industry	Fair
Local businesses and industries	Poor
NGOs	Poor
Other specific groups	Not applicable
If you selected 'Other specific groups', please describe	

8.2 - Does the property have a heritage education programme(s) for children and/or youth, that can contribute to a better understanding of heritage, promote diversity and foster intercultural dialogue?

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

8.3 - Who are the target audiences for education and awareness programmes at your property?

Local communities
Local/municipal authorities
Indigenous peoples
Landowners
Women
Youth/children
Researchers
Local Visitors
National/international tourists
Tourism industry
Local businesses and industries
NGOs
Other specific groups

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

Visitor centre	Fair
Site museum	Good
Information booths	Fair
Guided tours	Fair
Trails/routes	Poor
Printed information materials	Poor
Online (website, social media, etc.)	Poor
Transportation facilities	Fair
Other	Not needed
If 'Other' is selected, please specify	

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

No Comments

9. Visitor Management

9.1 - Please provide estimated annual visitor numbers (including national and international visitors) since the last Periodic Report

9.2 - What information sources are used to collect visitor statistics?

Entry tickets and registries

Accommodation establishments

Transportation services

9.3 - What is the average length stay of a visitor to the World Heritage property?

Two overnight stays

9.4 - Please provide the source of information

Tourism department registrations

9.5 - What is the approximate average daily visitor expenditure? (Please provide an estimated monetary figure in USD)

0 / 0 / 0 / 20 USD per site / 0 / 0 /

9.6 - Please provide the source of information

Tourism department tickets seal point

9.7 - Does the management system/plan for the World Heritage property include a strategy with an action plan to manage visitors, tourism activity and its derived economic, socio-cultural and environmental impacts?There is a planned and **effective strategy** to manage visitors, tourism activity and its derived impacts on the World Heritage property**9.8 - Please provide any comments relating to the answer provided above in question 9.7**

No comments

9.9 - Is visitor use effectively managed to maintain the Outstanding Universal Value of the property?Visitor use of the World Heritage property is **effectively managed** and **does not impact its Outstanding Universal Value****9.10 - Is the effectiveness of tourism management regularly monitored?**

Yes, through the UNESCO Tourism Management Assessment Tool

If a different system, please specify

9.11 - How does the tourism industry cooperate with the site management to improve visitor experiences and maintain the Outstanding Universal Value of the World Heritage property?There is **limited cooperation** between those responsible for the World Heritage property and the tourism industry to **present the Outstanding Universal Value and increase appreciation****9.12 - How well is the information on the Outstanding Universal Value of the property presented and interpreted?**The presentation and interpretation of the Outstanding Universal Value of the property is **acceptable but improvements could be made****9.13 - At how many locations is the World Heritage emblem displayed at the property?**In **one location** and **easily visible** to visitors**9.14 - How does visitor/tourism revenue (e.g. entry charges, permits) contribute to the management of the World Heritage property?****Fees are collected**, but make **no contribution** to the management of the World Heritage property**9.15 - Are there locally driven sustainable tourism initiatives?**

No

If 'Yes', please specify

9.16 - Are the benefits of tourism shared with local communities?

No

If 'Yes', please specify

9.17 - Comments, conclusions and/or recommendations related to visitation/tourism/public use of the World Heritage property

No comments

10. Monitoring**10.1 - Is there a monitoring programme at the property directed towards management needs and/or towards improving the understanding of the Outstanding Universal Value?**There is a **small amount of monitoring**, but it is not planned**10.2 - Is necessary information available in order to define key indicators for measuring the state of conservation and are they used in monitoring how the Outstanding Universal Value of the property is being maintained?**Information on the values of the World Heritage property is **adequate** and **key indicators have been defined** but **monitoring of the status of indicators could be improved****10.3 - Are key indicators defined and in place for the following principal aspects of the property?**

	Extend of indicators	Not applicable	No indicators	Indicators have been defined but are not yet in use	Indicators are in place and in use since the last Periodic Reporting cycle
10.3.1	State of conservation			✗	
10.3.2	Effectiveness of the management system			✗	
10.3.3	Character of governance			✗	
10.3.4	Appropriate synergy with other conservation designations			✗	
10.3.5	Contribution to sustainable development		✗		
10.3.6	Capacity development		✗		

10.4 - Please provide information on relevant key indicators adopted at the property

Work on sustainable tourism plan has started and that will allow some answers in the near future

10.5 - Please rate the level of involvement in monitoring of the following groups:

World Heritage managers/coordinators and staff	Fair
Local/municipal authorities	Poor
Local communities	Poor
Indigenous peoples	Non-existent
Landowners	Poor
Women	Fair
Researchers	Poor
Tourism industry	Poor
Local businesses and industry	Non-existent
NGOs	Poor
Other specific groups	Not applicable
If you selected 'Other specific groups', please specify	

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

Implementation is underway

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

No comments

10.8 - Comments, conclusions and/or recommendations related to Monitoring

Site monitoring program has recently been developed and will implemented

11. Identification of Priority Management Needs

11.1 - Identification of Priority Management Needs

5.1	Boundaries and Buffer Zones	
5.1.2	The boundaries of the World Heritage property are known by the management authority but are not known by local communities/landowners	✗
5.1.3	The property has no buffer zone, but there is a need for one	✗
5.1.4	The buffer zones of the World Heritage property are known and recognised by the management authority but are not known and recognized by local communities/landowners	✗
5.2	Protective Measures	
5.2.3	An adequate legal framework for maintaining of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists but there are some deficiencies in implementation	✗
5.2.4	An adequate legal framework in the buffer zone for maintaining the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property exists but there are some deficiencies in implementation	✗
5.2.6	There are major deficiencies in capacity/resources to enforce legislation and/or regulation in the World Heritage property	✗
5.3	Management System/Management Plan	
5.3.5	No use has been made of the Historic Urban Landscape Recommendation to develop policies and best practices for the protection of the property	✗
5.3.7	Some use has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	✗

5.3.9	No use has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	✕
5.3.11	There is little coordination between the range of administrative bodies involved in the management of the property	✕
6.1	Funding	
6.1.3	The available budget is inadequate for basic management needs and presents a serious constraint to the capacity to manage the World Heritage property	✕
6.1.7	Human resources are inadequate for the management needs of the World Heritage property	✕
6.1.10	No use has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	✕
6.1.12	A site-based capacity building plan or programme is in place and partially implemented; some technical skills are being transferred to those managing the property locally, but most technical work is carried out by external staff	✕
7	Scientific Studies and Research Projects	
7.2	There is considerable research in the World Heritage property but it is not directed towards management needs and/or improving understanding of Outstanding Universal Value	✕
9	Visitor Management	
9.11	There is limited cooperation between those responsible for the World Heritage property and the tourism industry to present the Outstanding Universal Value and increase appreciation	✕
9.12	The presentation and interpretation of the Outstanding Universal Value of the property is acceptable but improvements could be made	✕
10	Monitoring	
10.1	There is a small amount of monitoring at the World Heritage property, but it is not planned	✕
10.2	Information on the values of the World Heritage property is adequate and key indicators have been defined but monitoring of the status of indicators could be improved	✕
Please select -9 more issues.		
<input checked="" type="checkbox"/> Please save this question to reflect changes		

12. Summary and Conclusions

12.1. Summary - Factors affecting the Property

12.1.1 - Summary - Factors affecting the Property

4.1	Buildings and Development						
4.1.1	Housing	Negative use of the site boundaries	Reporting to local and state government	Continues observation and monitoring	No comments	Site manager director of regional Antiquities office	No comments
4.1.4	Major visitor accommodation and associated infrastructure	No comments	No comments	No comments	No comments	No comments	No comments
4.2	Transportation Infrastructure						
4.2.1	Ground transport infrastructure	No comments	No comments	No comments	No comments	No comments	No comments
4.4	Pollution						
4.4.2	Ground water pollution	No comments	No comments	No comments	No comments	No comments	No comments
4.7	Local conditions affecting physical fabric						
4.7.1	Wind	No comments	No comments	No comments	No comments	No comments	No comments
4.8	Social/Cultural uses of heritage						
4.8.1	Ritual/Spiritual/Religious and associative uses	No comments	No comments	No comments	No comments	No comments	No comments
4.8.6	Impacts of tourism/Visitation/Recreation	Direct impact to the monuments	Monitoring and control	Observation and survey	No comments	Site manager and team	No comments

4.9	Other human activities						
4.9.2	Deliberate destruction of heritage	Negative behavior of the visitors	scratching names and climbing on the monuments	Observation at the sites	No comments	Site manager and team (NCAM)	No comments

Summary - Factors affecting the Property **completed**

12.2. Summary - Management Needs

12.2.1 - Summary - Management Needs

Please select your top management needs in question 4.9 before filling in the summary table.

12.3. Conclusions on the State of Conservation of the Property

12.3.1 - Following the analysis undertaken for this report, what is the current state of Authenticity of the World Heritage property?

The Authenticity of the World Heritage property **has been compromised** by factors described in this report

12.3.2 - Following the analysis undertaken for this report, what is the current state of Integrity of the World Heritage property?

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

12.3.3 - Following the analysis undertaken for this report, what is the current state of the World Heritage property's Outstanding Universal Value?

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

12.3.4 - What is the 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 **intact**

12.3.5 - Comments, conclusions and/or recommendations related to the state of conservation of the property.

No comments

13. Impact of World Heritage Status

13.1 - 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	Positive
Quality of life for local communities and indigenous peoples	No impact
Recognition	No impact
Education	Positive
Infrastructure development	No impact
Funding for the property	No impact
International cooperation	Positive
Political support for conservation	No impact
Legal/Policy framework	No impact
Advocacy	No impact
Institutional coordination	No impact
Security	Positive
Gender equality	No impact
Provision of ecosystem services/ benefits to local communities	No impact
Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status	No impact
Fostering inclusive local economic development and enhancing livelihood	No impact
Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties	Not applicable
Other	Not applicable
If 'Other', please specify	

13.2 - Comments, conclusions and/or recommendations related to World Heritage status and its impacts

No comments

14. Good Practice in the Implementation of the World Heritage Convention

14.1 - Example of good practice in World Heritage protection, identification, conservation or management at the property level

The property will implement a management system to allow a better supervision on the site. Concerning protection both core and buffer zones are considered for more protection. There are new trends in providing staff assisting in managing the site with some opportunities for training and so on

14.2 - Define which topics are covered by this example of best practice at the property level

Sustainable Development

State of Conservation

Management

Capacity Building

15. Assessment of the Periodic Reporting Exercise

15.1. Relevance of Periodic Reporting

15.1.1 - Has the Periodic Reporting process improved the understanding of the following?

The *World Heritage Convention*

The concept of Outstanding Universal Value

The property's Outstanding Universal Value

The concept of Integrity and/or Authenticity

The property's Integrity and/or Authenticity

Management effectiveness to maintain the Outstanding Universal Value

Monitoring and reporting

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

State Party

Fair

Site Managers

Good

UNESCO World Heritage Centre

Fair

Advisory Bodies (ICOMOS, IUCN, ICCROM)

Fair

15.2. Use of Data

15.2.1 - How do the authorities in charge of the property plan to use the data recorded from this cycle of Periodic Reporting?

Revision of priorities/strategies/policies for the protection, management and conservation of heritage

Update of management plans

Fundraising

Awareness raising

Advocacy

Other

15.2.2 - Comments on use of data from the Cycle of Periodic Reporting

No comments

15.3. Timing and resources

15.3.1 - Entities involved in the filling out of this online questionnaire (tick as many boxes as applicable)

Governmental institutions responsible for cultural and natural heritage

Site Manager/Coordinator World Heritage property staff

Focal points of other international conventions/programmes

Responsible persons for local designated sites under other international conventions/ programmes

Staff from other World Heritage properties

UNESCO National Commission

Local communities

Indigenous people
Non-Governmental Organizations
ICOMOS International
ICOMOS national/regional
IUCN International
IUCN national/regional
ICCROM International/regional
External experts
Donors
Other

15.3.2 - Has a gender balanced contribution and participation been considered in the filling out of this questionnaire?

Gender balance has been **explicitly considered** in the process **but there are still deficiencies in the implementation**.

15.3.3 - Were you given adequate time (i.e. roughly ten months) to gather necessary information and to fill in this questionnaire?

Yes

15.3.4 - Please estimate the time (working hours) needed to complete this questionnaire

6 Months / 2 Months / 1 Month /

15.3.5 - Did you mobilise any additional resources to fill out this questionnaire?

	Additional resources	No	Yes
15.3.5.1	Human resources		×
15.3.5.2	Financial resources for organizing consultation meetings/ training		×

15.4. Format and content of the Periodic Report

15.4.1 - How accessible was the information required to complete this questionnaire?

Most required information was accessible.

15.4.2 - Was the questionnaire easy to use and clear to understand?

		Very Difficult	Difficult	Easy	Very easy
15.4.2.1	Ease of use of questionnaire			×	
15.4.2.2	Clarity of questions		×		

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

No comments

15.5. Training and Guidance

15.5.1 - Please rate the level of support in terms of training and guidance from the following entities in completing this questionnaire

UNESCO World Heritage Centre	Fair
UNESCO (other sectors/field offices)	Poor
UNESCO National Commission	Poor
ICOMOS International	Fair
IUCN International	No support
ICCROM international/regional	Poor
ICOMOS national/regional	Poor
IUCN national/regional	No support

15.5.2 - Please rate the level of support for completing the Periodic Reporting questionnaire from the following entities

UNESCO World Heritage Centre	Fair
State Party Representative (national Focal Point)	Fair
UNESCO other sectors (e.g. field office)	Poor
National Commission for UNESCO	No support

ICOMOS International	No support
ICCROM International/regional	No support
ICOMOS national/regional	No support
IUCN national/regional	No support
IUCN International	No support

15.5.3 - Were the online training resources prepared by the World Heritage Centre regarding Periodic Reporting adequate for you to complete this questionnaire?

Yes

15.5.4 - If you found that the online training resources were not adequate, what changes would you like to see implemented?

No comments

15.6. Actions that will require formal consideration by the World Heritage Committee

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

No item were proposed for update

15.7. Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise

15.7.1 - Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise

No comments

15.7.2 - Thank you for having filled in all the questions. Please contact your National Focal Point for validation.