

GOVERNMENT OF INDIA
ARCHAEOLOGICAL SURVEY OF INDIA

**PERIODIC REPORTING EXERCISE ON THE
APPLICATION OF THE WORLD HERITAGE CONVENTION**



SECTION - II

STATE PARTY: INDIA

PROPERTY NAME: GROUP OF MONUMENTS AT PATTADAKAL



प्रत्नकीर्तिमपावृणु

**SUPERINTENDING ARCHAEOLOGIST
DHARWAD CIRCLE, DHARWAD**

**PERIODIC REPORTING EXERCISE
ON THE APPLICATION OF THE WORLD
HERITAGE CONVENTION**

SECTION II

State Party: India
Property Name: Group of Monuments at Pattadakal

SECTION II : STATE OF CONSERVATION OF SPECIFIC WORLD HERITAGE PROPERTIES

[Copy this section for each site concerned by the reporting exercise]

- (II.i) The twenty-ninth General Conference of UNESCO, in its decision regarding the application of Article 29 of the World Heritage Convention, invited the States Parties to submit reports on the application of the World Heritage Convention, including the state of conservation of the World Heritage properties located on their territories.
- (II.ii) The primary documents in respect of each World Heritage property are the nomination dossier as it was submitted by the State Party and the decision of the World Heritage Committee regarding the inscription of the property on the World Heritage List.
- (II.iii) The preparation of periodic state of conservation reports should involve those who are responsible for the day-to-day management of the property. For trans-boundary properties it is recommended that reports be prepared jointly by or in close collaboration between the agencies concerned. The preparation of periodic state of conservation reports could include expert advice from the Secretariat and/or the Advisory Bodies, if and when the State Party(ies) concerned so wish(es).
- (II.iv) The first periodic report should update the information provided in the original nomination dossier. Subsequent reports will then focus on any changes that may have occurred since the previous report was submitted.

This section of the periodic report follows, therefore, the format for the nomination dossier.

- (II.v) The state of properties included in the List of World Heritage in Danger is reviewed by the World Heritage Committee at regular intervals, in general once every year. This review concentrates on the specific factors and considerations that led to the inscription of the property on the List of World Heritage in Danger. It will still be necessary to prepare a complete periodic report on the state of conservation of these properties.
- (II.vi) This section should be completed for each individual World Heritage property. States Parties are invited to provide information under the following headings:

II.1. Introduction

a	Country (and State Party if different): India	001
b	Name of the World Heritage Property: Group of Monuments at Pattadakal (No.239)	002
c.	<p>In order to locate the property precisely, please attach a topographic map showing scale, orientation, projection, datum, site name, date and graticule. The map should be an original print and not be trimmed. The site boundaries should be shown on the map. In addition, they can be submitted in a detailed description, indicating topographic and other legally defined national, regional, or international boundaries followed by the site boundaries.</p> <p>The State Parties are encouraged to submit the geographic information in digital form so that it can be integrated into a Geographic Information System (GIS).</p> <p>On this questionnaire indicate the geographical co-ordinates to the nearest second (in the case of large sites, towns, areas etc., give at least 3 sets of geographical co-ordinates):</p> <p>Localization: Survey of India (SI) Topo Sheet <u>No.48M/13 of 1956</u></p> <p>Centre Point: Long: 75⁰ - 49' - 36" E Lat: 15⁰ - 56' - 54" N</p>	003
D	<p>Give the Date of inscription on the World Heritage List and subsequent extension, if applicable:</p> <p>11-12-1987</p>	004

e.	<p>Organisation(s) or entity (ies) responsible for the preparation of this report.</p> <p>Organization: Archaeological Survey of India, New Delhi</p> <p>Person responsible: Superintending Archaeologist</p> <p>Address: Archaeological Survey of India (ASI), Dharwad, Karnataka</p> <p>City and post code: Dharwad -580 007</p> <p>Telephone (Off.): 0836-447539, 0836-443678, (Res): 0836-446383</p> <p>Fax: 0836-447539,</p> <p>E-mail: asidwd@sancharnet.in</p>	<p>005</p> <p>006</p> <p>007</p> <p>008</p>
f.	Date of preparation of the report: September 2002.	009
g	<p>Signature on behalf of the State Party</p> <p>Signature:</p> <p>Name: Kasturi Gupta Menon</p> <p>Function: Director General, Archaeological Survey of India, and Additional Secretary, Govt. of India, Janpath, New Delhi, 110 011</p>	010

II.2. Statement of significance

II.2.1. Information provided at the time of inscription

<p>At the time of inscribing a property on the World Heritage List, the World Heritage Committee indicates its outstanding universal value(s), or World Heritage value(s), by deciding on the criteria for which the property deserved to be included on the World Heritage List. Circle the criteria retained for the inscription</p> <p>Cultural criteria: (iii) - (iv)</p> <p>Natural criteria: i - ii - ii - iv</p> <p>Were new criteria added by re-nominating and / or extending the property after the original inscription? NO</p> <p>If YES, please explain: Not applicable.</p>	<p>008</p> <p>009</p> <p>010</p>
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<p>Please quote observations concerning the property made by the Advisory Body (ies) during the evaluation of the nomination:</p> <ol style="list-style-type: none"> 1. Significance of the World Heritage Site is to be retained and emphasized. 2. Some Archaeological evidences lie buried or form part of houses in the villages around. The site is enveloped by a living village. 	011
<p>Quote the decisions and observations / recommendations, if appropriate, made by the World Heritage Committee at the time of inscription and extension (if applicable):</p> <ol style="list-style-type: none"> 1. Unprotected buildings around the site and the symbolic landscape to be incorporated within the site. 2. The beauty of the site lies in its setting and should be enhanced 3. A visual continuity between various temples should be maintained. 4. Historically appropriate agricultural land use around the World Heritage Site should be encouraged. To be phased out for excavations some of the historic housing also needs to be protected. 5. The buffer zones too need to be clearly defined. 	012
<p>Identify the actions taken as follow-up to these observations and / or decisions:</p> <p>The houses between Virupaksha and Papanatha temple is proposed to acquire for maintaining visual continuity. 300m buffer zone around the core zone is clearly defined.</p>	013

II.2.2.Update of the statement of significance

<p>Please propose a statement of significance by providing a description of the World Heritage value(s) for which the property was inscribed on the World Heritage List. This description should reflect the criterion (criteria) on the basis of which the Committee inscribed the property on the World Heritage List and it should also detail the property represents, what makes it outstanding, what the specific values are that distinguish the property as well as what its relationship with its setting is, etc</p>	014
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<p>New statement of significance :</p> <p>Pattadakal(the seat of coronation of the Chalukyan Kings) in Karnataka represents the high point of an eclectic art during the 7th-9th centuries AD under the Chalukya-Rashtrakuta dynasties. The temple architecture here achieved a harmonious blend of architectural forms of Southern Dravida Vimana and Northern Rekha-Nagara-Prasada through a series of experimentation that commenced at Aihole, continued at Badami and culminated at Pattadakal. The site has a Megalithic Dolmen, an impressive series of nine Hindu temples, a Jain temple of the Rashtrakuta times and a quarry site. The inscriptions containing the names of the artisans both at the quarry and the temple sites are noteworthy. One masterpiece from the group excels- the temple of Virupaksha, built in circa 740-745 AD by Queen Lokamahadevi, to commemorate her husband's victory over the Pallava Kings of the South India.</p>	
<p>For the extension of a property or the inclusion of additional criteria a re-submission of the property may be considered. This might be regarded as necessary in order to recognize cultural values of a natural World Heritage property, or vice versa, become desirable following the substantive revision of the criteria by the World Heritage Committee or due to better identification or knowledge of specific outstanding universal values of the property. Should a re-nomination of the property be considered?</p> <p>No.</p> <p>If YES, please explain: Not applicable.</p>	<p>015</p> <p>016</p>
<p>Are the borders of the World Heritage property and its buffer zone (still) adequate to ensure the protection and conservation of the property's World Heritage values:</p> <p>Yes</p> <p>If NO, please explain why not, and indicate what changes should be made to the boundaries of the property and / or its buffer zone (please indicate these changes also on a map to be attached to this report) :</p> <p>Not applicable</p>	<p>017</p> <p>018</p>

Is the State Party actively considering a revision of the property boundaries or the buffer zone?	019
No	020
If YES, indicate what is being done to that end:	
Not applicable	

II.3. Statement of authenticity / integrity

a Have the World Heritage values identified above been maintained since the property's inscription?	021
YES	
If NO, please describe the changes and name the causes:	022
Not applicable	
b What was the evaluation of the authenticity / integrity of the property at the time of inscription? (Please quote from the ICOMOS / IUCN evaluation):	023
<p>1. New Jalis are the proto types of the original in material and design , but there is a marked difference in workmanship and details.</p> <p>2. The landscape 'lawn concept' is inappropriate considering the historical nature of the setting.</p> <p>The marked difference in workmanship is rather intentional for easy distinguishing from the original.</p> <p>The matter has been brought to the notice of the Chief Horticulturist, ASI, Agra.</p>	
Have there been changes in the authenticity / integrity since inscription?	024
No	
If YES, please describe the changes to the authenticity / integrity and name the main causes?	025
Not applicable	

<p>Are there (further) changes foreseeable to the authenticity / integrity of the property in the near future?</p> <p>NO.</p>	026
<p>If YES, please explain and indicate how these changes might affect the World Heritage values of the property:</p> <p>Not applicable.</p>	027

II.4. Management

II.4.1. Legal and institutional framework

<p>a How could the arrangements for the protection and the management of the property best be defined (more than one indication possible)?</p> <p style="padding-left: 40px;">Legal (√) Contractual () Traditional ()</p> <p>Public property protected under the <i>Ancient Monuments and Archaeological Sites and Remains Act, 1958 (No.24 of 1958) and Rules 1959</i>. The act prohibits misuse, damaging or removing of any part of the monument and also prohibits constructional or mining activities around the monuments.</p>	028
<p>Please describe and assess the implementation and effectiveness of these arrangements for the preservation of the values described under item II.2 at the national, provincial and/or municipal level:</p> <p>The Archaeological Survey of India is the sole custodian of the site. By a notification of the Government of India vide the <i>Gazette of India, July 1992, Part-II, Section(iii), sub-Section (ii), S.O.1764</i>, the area up to 100 m. from the protected limits of the monument and further beyond it up to 200 m. near or adjoining the protected monument have been declared as Prohibited and Regulated Areas respectively for the purposes of both mining and construction. As a result of this notification, no new structures are allowed in the Prohibited areas and Regulated areas without obtaining a 'No Objection Certificate' from the Archaeological Survey of India.</p>	029

<p>Please indicate under which level of authority the property is managed:</p> <p>Regional Level</p> <p>Please provide the full name, address and phone / fax / e-mail of the entity (ies) directly responsible for the management (conservation, preservation, visitor management) of the property:</p> <p>Local ()</p> <ol style="list-style-type: none"> 1. Office of the Caretaker, Pattadakal Ph: 91-0835-784533 2. Office of the Conservation Assistant, Badami sub-Circle, Badami, Dist: Bagalkot. Ph: 91-0835-720047 <p>Regional ()</p> <p>Office of the Superintending Archaeologist, Archaeological Survey of India, Dharwad Circle, Dharwad Ph: 91-0836-443678, Fax: 447539, Res: 446383 Email: asidwd@sancharnet.in</p> <p>National ()</p> <p>Office of the Director General, Archaeological Survey of India, Janpath, New Delhi - 110 011. Fax: 011-3019487 Ph: 3013574</p>	<p>034</p> <p>035</p>
<p>Is it necessary to revise the administrative and management arrangements for the property?</p> <p>NO</p> <p>If YES, explain why this is the case: Not applicable.</p> <p>Not applicable.</p>	<p>036</p> <p>037</p>

II. 4.3. Management plan of the site and statement of objectives

<p>Is there a management plan for the property?</p> <p>No, It is being prepared covering all aspects of Site Management include Inventory and Documentation, Information Management, Research Projects, Administration, Works Programme, Programme Review and Future Planning besides Visitors Management in collaboration with other branches of the Survey, and State Departments like Tourism, Forest and Mines.</p> <p>If YES, please summarize, indicating if the plan is being implemented and since when:</p> <p>Not applicable</p>	<p>038</p> <p>039</p>
<p>Please report on legal and administrative actions that are foreseen for the future, to preserve the values described under item II.2 (e.g. passing of legislation, adjusting administrative and management arrangements, implementing or drawing up of a (new) management plan, etc.):</p> <ul style="list-style-type: none"> • Legal measures: Not applicable • Adjusting administrative and management arrangements: <ol style="list-style-type: none"> 1. Posting of Technical staff like Conservator and Archaeologist 2. Developing the Sculpture shed in to a Museum 3. Information Centre to Cater to the needs of Tourists • Drawing up of a new Management Plan: It is proposed to prepare and implement a fresh Management Plan with well-defined developmental programmes considering various aspects covered in this report, in collaboration with other agencies. 	<p>040</p>
<p>Please provide detailed information, particularly in cases where changes have occurred since the inscription of the property, on the following matters:</p> <ul style="list-style-type: none"> • <u>Conservation</u> Make reference to all major interventions at the property and describe its present state of conservation. <p>Please see Annexure 'B'</p>	<p>041</p>

<ul style="list-style-type: none"> • <u>Ownership</u> Make reference to all major changes in ownership of the property and describe the present state of ownership. <p>The ownership of the Core Zone comprising monuments and their immediate environs are solely owned by the Archaeological Survey of India. The Buffer zone (300m beyond the boundaries of the Core Zone) includes the inhabited township, agricultural lands, State Reserve Forest, Water Sources like river and <i>nalas</i> besides roads and pathways. The ownership details and the Survey Numbers pertaining to these areas will have to be obtained from the concerned authorities for compilation and onward submission.</p>	042									
<p>Please give a detailed description of the staffing of the site</p> <table style="width: 100%; border: none;"> <tr> <td style="text-align: center; vertical-align: top;"> <p>Superintending Archaeologist</p> <p>Deputy Superintending Archaeologist</p> <p>Dy. Suptdg. Archaeological Engineer</p> </td> <td style="font-size: 4em; vertical-align: middle; padding: 0 10px;">}</td> <td style="vertical-align: middle;"> <p>Regional level Dharwad</p> </td> </tr> <tr> <td style="text-align: center; vertical-align: top; margin-top: 20px;"> <p>Conservation Assistant (Head Quarters at Badami)</p> <p>Caretaker (at Pattadakal)</p> </td> <td style="font-size: 4em; vertical-align: middle; padding: 0 10px;">}</td> <td style="vertical-align: middle;"> <p>Local level</p> </td> </tr> <tr> <td style="text-align: center; vertical-align: top; margin-top: 20px;"> <p>Departmental Watch and Ward And Security Personnel</p> </td> <td></td> <td></td> </tr> </table>	<p>Superintending Archaeologist</p> <p>Deputy Superintending Archaeologist</p> <p>Dy. Suptdg. Archaeological Engineer</p>	}	<p>Regional level Dharwad</p>	<p>Conservation Assistant (Head Quarters at Badami)</p> <p>Caretaker (at Pattadakal)</p>	}	<p>Local level</p>	<p>Departmental Watch and Ward And Security Personnel</p>			043
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<p>Departmental Watch and Ward And Security Personnel</p>										

<p>Is the staffing level sufficient for adequate management of the property?</p> <p>NO</p> <p>If NO, what should be done to improve the situation?</p> <p>To be upgraded with a Conservation Assistant and an Assistant Archaeologist to handle the technical aspects of compilation of data, reporting, documentation etc., and a Lower Division Clerk (booking clerk) for compilation of various statistical data and a regular Horticultural Assistant for monitoring of horticultural operations.</p>	<p>044</p> <p>045</p>
<p>Does the staff need additional training?</p> <p>YES</p> <p>If YES, what are the training needs for your staff?</p> <p>Training in areas of structural conservation, chemical preservation, heritage-tourism management and modern documentation techniques at field level on par with other World Heritage Sites in India and abroad.</p>	<p>046</p> <p>047</p>

<ul style="list-style-type: none"> • UNESCO International Campaign: Not applicable 	052
<ul style="list-style-type: none"> • National and/or regional projects of UNDP, the World Bank or other agencies: Not applicable 	053
<ul style="list-style-type: none"> • Bilateral co-operation: Not applicable 	054
<ul style="list-style-type: none"> • Other assistance: Not applicable. 	055
Describe the IT (Computer) equipment of the site and/or management office and assess its effectiveness:	056
Are you using (multiple indications are possible):	057
PC (<input checked="" type="checkbox"/>) Apple (<input type="checkbox"/>) Mainframe (<input type="checkbox"/>)	
Please, give the number of available computers:	058
Three Computers of P4 Configuration and one computer with Pentium at Regional level	
Does an operational access to the Internet exist? Yes	059
Is e-mail used for daily correspondence?	060
Yes	
Is there a Geographical Information System (GIS) for the site?	061
NO	062
If YES, what software do you have and how is the GIS used?	
Not applicable	
List scientific studies and research programmes that have been conducted concerning the site	063
Recently a quarry site associated with the constructional activities of the	

<p>Group of Temples at Pattadakal has been discovered in the near vicinity of Pattadakal.</p>	
<p>Describe financial and human resource inputs for the research programmes and / or facilities:</p> <p>There is no special allocation for research programmes in the Budget Allotment. Departmental / Technical Staff will take up such projects.</p>	064
<p>Describe how the information / results are disseminated?</p> <p>Local Press, All India Radio, Doordarshan, Publication in <i>Indian Archaeology - A Review</i></p>	065
<p>Are there any visitor statistics for the site?</p> <p>YES If YES, please summarise the statistics and attach to this report:</p> <p>Please see Annexure 'C'</p>	067
<p>What visitor facilities do you have at the property?</p> <ol style="list-style-type: none"> 1. Pure drinking water. 2. Toilets. 3. Wheel Chairs for senior citizens and disabled. 4. Sculpture Gallery. 5. Visitors benches. 6. Trained guides. 	068
<p>What visitor facilities are you in need of?</p> <ol style="list-style-type: none"> 1. Sculpture Gallery to be upgraded as a site Museum. 2. Enhancing the existing Tourist facilities. 3. Hotel and Restaurant 4. Information centre with Brochures, handouts and Kiosk 5. Signage 	069
<p>Is a public use plan (tourism / visitor management plan) in existence for the property?</p> <p>NO</p>	070
<p>If YES, please summarize, if NO explain if one is needed:</p> <p>It is needed and is being planned in collaboration with state and central</p>	071

a. Development Pressures

1. Though the site boundaries are well defined, there are pressures of the expanding settlements, whose use sometimes spills on the Archaeological Survey of India land like grazing, washing etc.
2. Some houses have expanded both horizontally and vertically obstructing the visual connections of the two sites of Papanatha and Virupaksha temples.
3. The vendors near the monument causes untidy of the area.

b. Environmental Pressures:

There is no quarry within 10 km radius, which has been officially permitted by the Government of Karnataka. However, clandestine quarrying of rocks takes place on a small scale by the villagers here and there thereby disfiguring the topography of the site.

c. Natural Disorders and preparedness :

1. All around the monuments, there are agricultural lands and the village is situated only on the southern side. Sand storms and sand laden winds blow through the open land cause erosion of carved surfaces.
2. Soil erosion takes place during the monsoon season when the river is in spate.
3. As per the available records the area does not fall under the Seismic zone.
4. Some parts of monuments were built with poor quality of sandstone, easily susceptible for weathering and wind erosion.

d. Visitors/tourists/pilgrims pressures

1. Alighting of the visitors with vehicles near the monument.
2. Unorganized vehicle parking nearer to the monuments causing air pollution.
3. Scribbling on the monuments and constant touching of the sculptures by the visitors and pilgrims leave stains and cause abrasion.
4. Of the nine temples, only the temple of Virupaksha along with its Nandi *mandapa* is under worship. As such, no entrance fee is charged for this temple, and villagers and devotees are allowed through the main entrance on the eastern side. An annual *jatra* is also held by the

<p>villagers, which culminates with the Car festival. During this period the maximum damage takes place to the monuments and the site itself.</p> <p><i>d. Number of inhabitants within site, buffer zone.</i></p> <p>Although there are no people living within the site, about 3,500-4,000 inhabitants are living in the village near the site.</p> <p><i>e. Others</i></p> <p>Bat colonies in some of the temples, which are a nuisance to the visitors and cause harm to the monument as well.</p>	
<p>Is there an emergency plan and / or risk preparedness plan for the property in existence?</p> <p>NO.</p> <p>If YES, please summarize the plan and provide a copy</p> <p>Not applicable.</p> <p>If NO, describe what is being done - and by whom - to counteract the dangers that threaten or may threaten the property:</p> <p>Archaeological Survey of India, Dharwad Circle, Dharwad takes up suitable measures to counteract the dangers that threaten or may threaten the property.</p>	<p>077</p> <p>078</p> <p>079</p>
<p>Indicate areas where improvement would be desirable and / or towards which the State Party is working:</p> <p>Improvement is desirable in managing the development pressures and Visitors/Tourists/Pilgrims pressures towards which the State Party has already initiated action.</p>	<p>080</p>
<p>Give an indication if the impact of the factors affecting the property is increasing or decreasing:</p>	<p>081</p>

<p>Decreasing.</p>	
<p>What actions have been effectively taken, or are planned for the future, to address the factors affecting the property?</p> <p>Direct Protective Measures: The land between the Papanatha and Virupaksha temples was acquired and a retaining wall was built to separate from the residential area. Now the site with the acquired land has been converted into a lawn by the Archaeological Survey of India.</p> <p>A passage was left between the Virupaksha temple and the area leading to the Papanatha temple for the villagers to go to the river for taking bath and washing clothes. The villagers still continue to use the riverbank near the Virupaksha temple for relieving themselves. So far, there is no course of conflicts between the Archaeological Survey of India and the local community either during the time of acquisition or development of site. But, their just and reasonable demands should be taken care of, to avoid any future clash of interests.</p> <p>The roads and the petty vending shops need to be shifted further west. A suitable alighting area and parking zone also needs to be provided.</p> <p>Proposals like resort across the World Heritage site have been checked effectively.</p> <p>The security and watch and ward is increased to check the scribbling and touching of sculptures.</p> <p>It is proposed to have a separate gate for local pilgrims for performing religious activities in Virupaksha temple and to that effect an agreement has to be made between the village Panchayat authority and ASI.</p> <p>General</p> <ul style="list-style-type: none"> Physical intervention at the protected site, where necessary, towards the conservation of cultural relics and geo-morphological features Physical barriers, fencing and enclosures Restriction and regulation of paths, approach ways, visitor routes and viewing of clusters. Restriction and regulation of visitor facilities, construction etc. within the core. <p>Indirect Protective Measures</p>	<p>082</p>

<p>Formulation of policies in coordination with various departments of Government of Karnataka, regarding all relevant issues of ecology and environment and their direct impact on the landscapes, monuments and archaeological remains within the buffer zone of the site.</p> <p>Formulation of tourism policies in consultation with the Department of Tourism, Government of Karnataka, in a manner complementary to the required protective measures.</p> <p>Formulation of development policies, regulating/restricting developmental activity within the buffer zone and revenue land in consultation with the Departments of Revenue, Forest Mines and Geology etc. Government of Karnataka.</p>	
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II.6. Monitoring

<p>If applicable, give details (e.g. dates, results, indicators chosen) of any previous periodic or reactive monitoring exercises of the property:</p> <p>Not applicable</p>	083
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<p>Is there a formal monitoring system established for the site?</p> <p>YES</p>	084
<p>If YES, please give details of its organization:</p> <p>The Director General of Archaeological Survey of India or his representatives and the Circle Officers in charge of the management of the site visit the site periodically and draw detailed inspection notes reviewing the condition of the monument at the time of inspection and requisite remedial measures to be taken up.</p>	085
<p>If not already in place, is the establishment of a formal monitoring system planned?</p> <p>NO</p>	086
<p>If YES, please outline the functioning of that system, taking into</p>	087

<p>consideration the key indicators you will be asked to define below (see 089 / 090):</p> <p>Not applicable.</p>	
<p>Are there any indicators established for monitoring the state of conservation of the property?</p> <p>NO</p> <p>If YES, please provide up-to-date information with respect to each of the key indicators established and / or used. Care should be taken to ensure that this information is as accurate and reliable as possible, for example by carrying out observations in the same way, using similar equipment and methods at the same time of the year and day. Name and describe the key indicators for measuring the state of conservation of this property:</p> <p>Not applicable.</p> <p>If no indicators have been identified and / used so far, please define key indicators for future use in monitoring:</p> <ol style="list-style-type: none"> 1. The Group of Monuments is located on the left bank of the river Malaprabha. Since the river takes a meander towards north, the left bank is subjected for erosion during the rainy season. This needs to be monitored periodically as it may directly affect the erosion of sub-soil resulting in subsidence of foundation. 2. The monuments appear to have been built over an improper foundation causing uneven settling of the foundation resulting in horizontal and vertical cracks in the structure, as clearly to be seen in Virupaksha, Papanatha and Jaina Temple at Pattadakal. 3. These structures are built of locally available sandstone. Some of the load-bearing architectural members appear to have been prepared from the cortex region, which are susceptible for easy exfoliation and erosion due to weathering. This effect is clearly discernable on the western and southern wall portions of the Virupaksha and Mallikarjuna Temples including the pillars of the eastern main entrance <i>mandapa</i> of the Virupaksha Temple and the pillar bearing inscription of Kirttivarman are good examples. This factor also needs to be monitored carefully. 	<p>088</p> <p>089</p> <p>090</p>
<p>Indicate which partners, if any, are involved or will be involved in the</p>	<p>091</p>

4. A buffer zone of 300m width around the core zone is clearly defined.

5. Statement of significance is revised.

6. The existing borders of core /buffer zones are adequate to ensure protection and conservation of the property.

7. The World Heritage values identified are maintained since the property's inscription.

8. The marked difference in workmanship is rather intentional for easy distinguishing from the original.

~~9. The matter has been brought to the notice of the Chief Horticulturist, ASI, Agra.~~

096

Please summarize the main conclusions regarding the management and factors affecting the property (see II.4 and II.5. above):

1. The Archaeological Survey of India is sole custodian of the site with adequate legal sanctity empowered by constitution of India and AM ASR Act 1958 and 1959 and Notification SO 764 of July 1992.

2. Archaeological Survey of India has adequate administrative and management at the Local, Regional and National levels which requires slight modification at the local level.

3. It is proposed to prepare and implement a fresh Management Plan with well-defined developmental programmes considering various aspects covered in this report, in collaboration with other agencies.

4. The field staff need training in the areas of structural conservation, chemical preservation etc. on par with other World Heritage Sites in India and Abroad.

5. Visitors facilities are already available at the site that need to be enhanced.

6. For the effective communication of the World Heritage Site, cultural awareness programmes like Photo exhibition, involvement of NSS and NCC volunteers, conducting various competitions, arrangement of illustrated lectures, training workshops, heritage walks etc. are being organized.

7. Expanding settlements, misuse of the site by the locals, visitors and

<p>the pilgrims, unorganized vehicular traffic, vending, clandestine quarrying of rocks, sand laden winds, soil erosion during the spate of the river, usage of poor quality of sandstone for construction, fairs and festivals observed in the temple, bat colonies etc. are the pressures/factors affecting the property. These are being addressed suitably at the local and regional levels.</p> <p>Give an overview over proposed future action / actions:</p>	097
<ol style="list-style-type: none"> 1. Preparation and implementation of a comprehensive site management plan based on the principles and guidelines enumerated above for an effective management of the site. 2. Addressing various factors/pressures affecting the property at appropriate levels. 3. Enhancing and emphasizing the significance of the site by taking up exploration, excavation and documentation projects. 4. Sustained actions towards increasing the awareness and making the site visitor friendly. 	098
<p>Name the agency responsible for implementations of these actions (if different from 005):</p> <p>Same as 005</p>	

<p>Give a timeframe for the implementation of the actions described above:</p> <p>5 years (2003-2008)</p>	099
<p>Indicate for which of the planned activities International Assistance from the World Heritage Fund may be needed (if any):</p> <p>Training the Field staff</p>	100

<p>Are there any contacts with management units of other properties within or outside your country?</p> <p>NO</p>	101
<p>If YES, please explain:</p> <p>Not applicable</p>	102
<p>Please indicate which experience made during the periodic reporting exercise and / or during the on-going conservation / protection efforts of the property could be shared with other States Parties dealing with similar problems or issues:</p> <p>Nil.</p>	103
<p>Provide the name(s) and address(es) of organization(s) or specialist(s), who could be contacted for this purpose:</p> <p>Agency / Organization: Not Applicable</p> <p>Person responsible:</p> <p>Address:</p> <p>City and post code:</p> <p>Telephone:</p> <p>Fax:</p> <p>Email:</p>	104

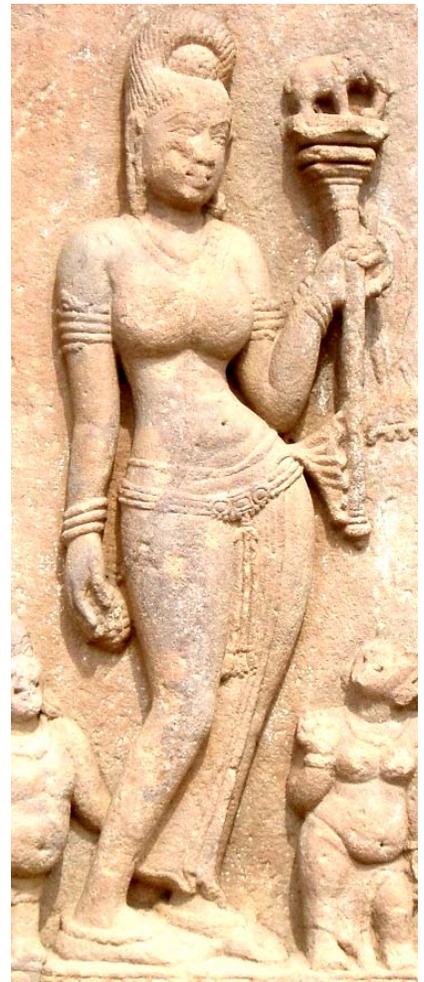
II.8. Assessment of the Periodic exercise for Section II.

<p>Was sufficient and adequate information made available to the responsible authorities and individuals during the preparation phase of the Periodic Reporting exercise (information given, meetings etc.)?</p> <p>All relevant records were made available besides personal discussions followed by visits to monuments and workshops organized by ASI in collaboration with UNESCO.</p>	<p>105</p>
<p>Was the questionnaire clear and did it help to comply with the reporting requirements of the State Party?</p> <p>Yes.</p>	<p>106</p>
<p>What are the perceived benefits and lessons learnt of the exercise?</p> <p>Clear perspective to analyze and grasp the various aspects of the responsibilities and effective planning to have a better management of a World Heritage Site.</p>	<p>107</p>
<p>Please describe the expected outcome of the Periodic Reporting exercise and the desired follow-up by the World Heritage Committee:</p> <p>The site managers are greatly benefited by this exercise to understand the various aspects and problems involved in the world Heritage site management.</p> <p>Periodic visits by reputed archaeologists, scholars and conservators and their evaluation of the site would be highly desirable and beneficial.</p>	<p>108</p>

II.9. Documentation attached

The State Party is invited to supply the materials listed below. Please check those items that were attached.

1. () Maps and plans showing the general location of the property, its boundary and buffer zone as well as the necessary detail of the property itself (see question 003 for specifications).
2. () Photo of general view (aerial view of the property).
3. () Illustrations of the state of conservation of the site (photographs, slides and if available, film / videos
4. () Details of the important aspects of the property (landscapes, animal and vegetable species, monuments etc.).
5. () Photos illustrating the main threats to the site and its surroundings.
6. () Extracts of relevant laws and regulations concerning the protection of cultural and natural heritage at national, provincial and municipal levels.
7. () Copies of the management plan of the site as well as extracts and / or copies of other plans relating to the site (e.g. emergency plan, use plan etc.).
8. () Indicative bibliography.



PHOTOGRAPHS

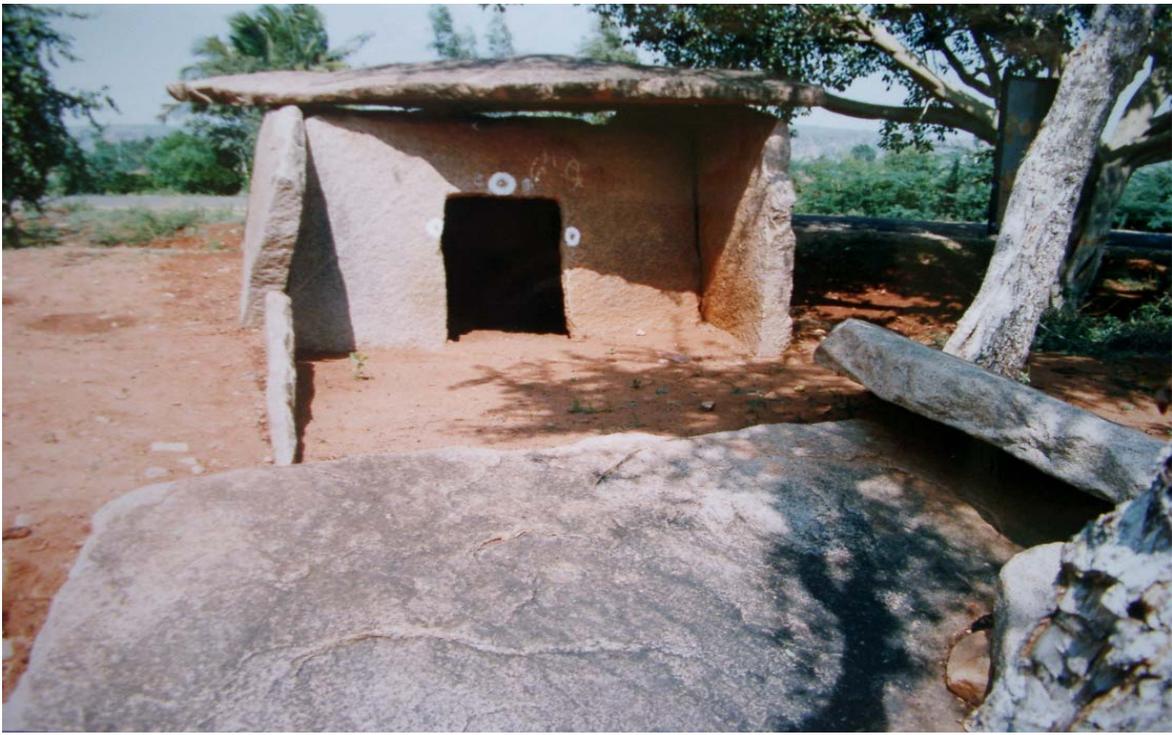
General Views



Pattadakal – group of monuments



Pattadakal – group of temples



Pattadakal – Dolmen



Pattadakal – Kadasiddeshwar temple



Pattadakal – Jambulinga temple



Pattadakal – Galaganatha temple



Pattadakal – Chandrashekara temple



Pattadakal – Sangameshwara temple



Pattadakal – Sangameshwara temple



Pattadakal – Kashivishveshwara temple



Pattadakal – Mallikarjuna temple



Pattadakal – Mallikarjuna temple, pillar details



Pattadakal – Mallikarjuna temple



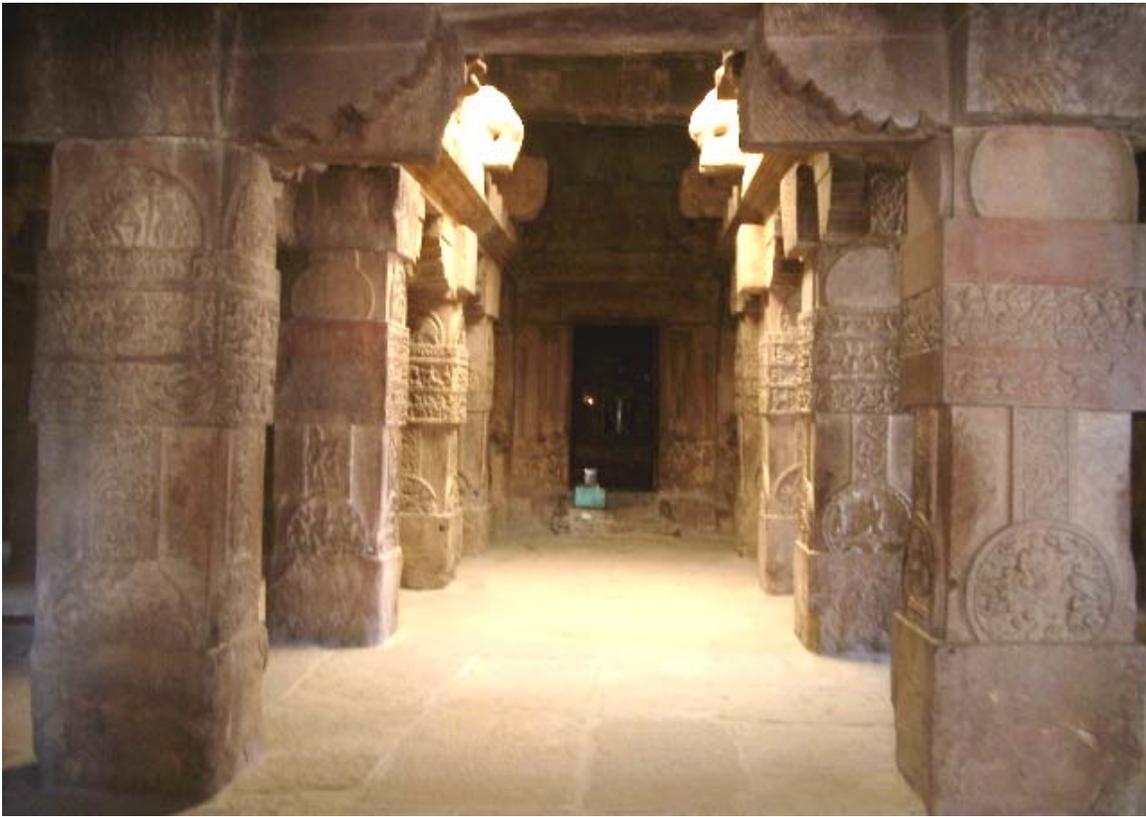
Pattadakal – Virupaksha temple



Pattadakal – Virupaksha temple , wall details



Pattadakal – Virupaksha temple ,Surya (ceiling panel)



Pattadakal – Virupaksha temple -interior view



Pattadakal – Virupaksha temple , Ravana lifting Kailasa



Pattadakal – Virupaksha temple , Nandi-Mandapa



Pattadakal – Nandi Mandapa –Nandi



Pattadakal – Papanatha temple



Pattadakal – Papanatha temple , wall details



Pattadakal – Jaina temple



Pattadakal – Jaina temple- Elephant

Quarry Site



Ganesha with inscription , quarry site



Chiseled marks , quarry site



Terraces , quarry site



Quarried blocks

*Conservation
Works Prior to
Inscription*



Pattadakal – Virupaksha temple complex -before



Pattadakal – Virupaksha temple complex - after



Pattadakal –Nandi *Mandapa* and *Prakara* - before



Pattadakal –Nandi *Mandapa* and *Prakara* - after



Pattadakal Mallikarjuna and Kashivishveshwara temples – before



Pattadakal Mallikarjuna and Kashivishveshwara temples - after



Pattadakal – Sangameshwara and Galaganatha temples - before



Pattadakal – Sangameshwara and Galaganatha temples - after

*Present Status
and
Future Works*



Resetting the *Prakara* wall



Resetting *Prakara* wall , Virupaksha temple



Missing outer veneering , Galaganatha temple



Damaged Pillar –Virupaksha Temple

*Factors
affecting the
Property*



Scoring effect



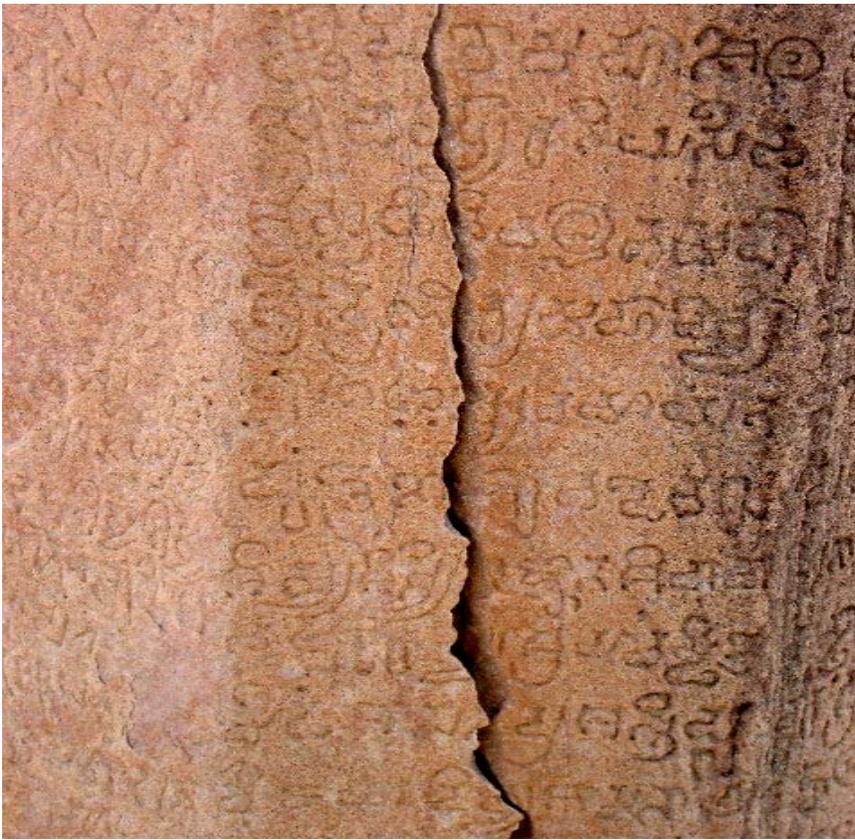
Widened joints, Roof – Jaina temple



Modern constructions between Virupaksha and Papanatha temples



Vehicular traffic in the vicinity



Weathering action – inscribed pillar



Powdering and erosion of carved surfaces

Visitors
Amenities



Drinking water facility



Toilet block

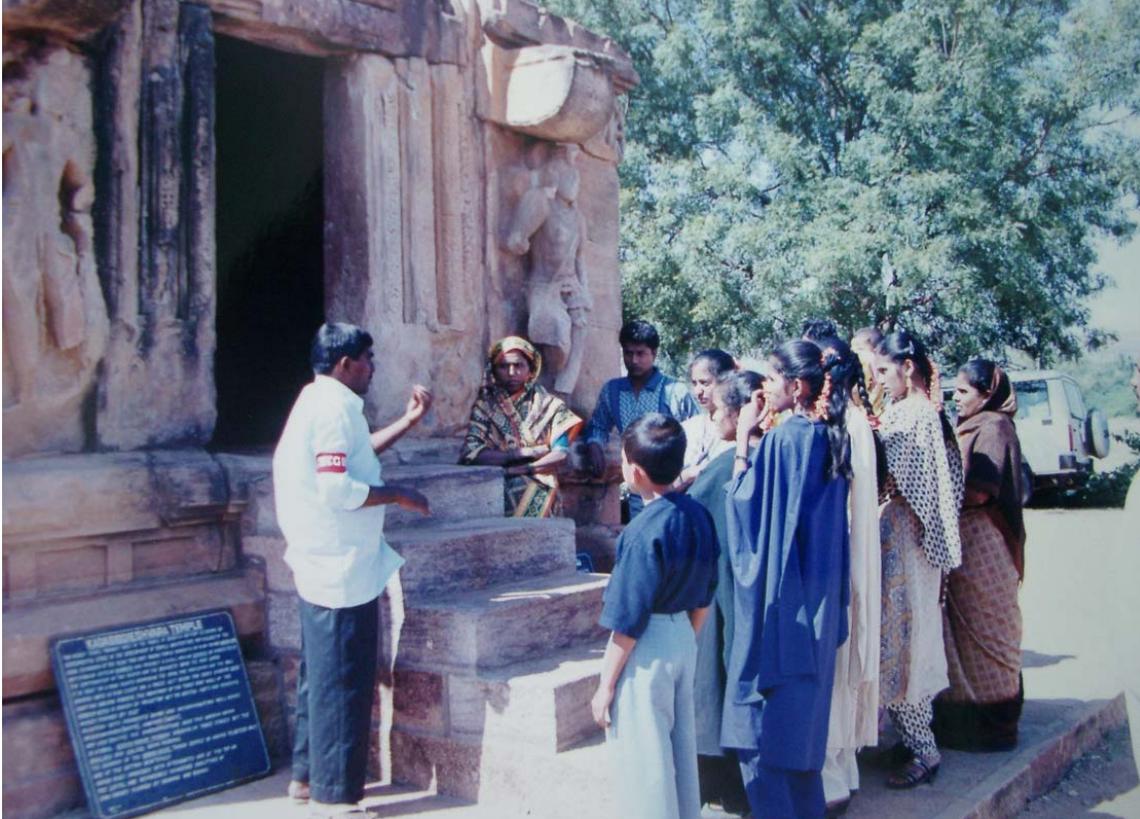


Wheel chair facility

Cultural Awareness Programmes



Cleaning of monuments by N.S.S students



Guide Service



Cultural Programmes On World Heritage Day/Week



Marshall arts demo



Heritage walk



Cultural programme