

PERIODIC REPORTING EXERCISE  
ON THE APPLICATION OF THE WORLD HERITAGE  
CONVENTION

SECTION II

State of Conservation of Specific World Heritage properties

State Party: **Archaeological Survey of India**

Property Name: **Qut Minar and it's Monuments, New Delhi**

**PERIODIC REPORTING ON THE APPLICATION OF THE  
WORLD HERITAGE CONVENTION  
(FORMAT)**

**SECTION II: STATE OF CONVENTION OF SPECIFIC WORLD HERITAGE  
PROPERTIES**

**EXECUTIVE SUMMARY**

**II. 1. Introduction**

- a. State Party
- b. Name of World Heritage property
- c. Geographical coordinates to the nearest second
- d. Date of inscription on the World Heritage List
- e. Organization (s) or entity (ies) responsible for the preparation of the report
- f. Date of the report
- g. Signature of behalf of State Party

**II.2. Statement of Significance**

**II.3. Statement of authenticity/integrity**

**II.4. Management**

**II.5. Factors affecting the property**

**II.6. Monitoring**

**II.7. Conclusions and recommended action**

- a. Main conclusions regarding the state of the World Heritage values of the property (see items II.2 and ii. 3 above)
- b. Main conclusions regarding the management and factors affecting the property ( see items II. 4 and II. 5 above)
- c. Proposed future action/actions
- d. Responsible implementing agency/agencies
- e. Timeframe for implementation
- f. Needs for international assistance.

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

**II.9. Documentation attached**

## II.1 Introduction

a.	Country ( and State Party if different): <b>INDIA</b>	001
b.	Name of World Heritage property: <b>Qutb Minar and its monuments, New Delhi</b> Type of site : <b>Group of Monuments</b>	002
c.	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 the legally defined national, regional, or international boundaries followed by the site boundaries.  That State Parties are encouraged to submit the geographic information in digital form so that it can be integrated into a Geographic Information System (GIS).  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):  <b>Centre point: : Lat 28 ° 31' 25" N Long 77° 11' 10"E</b> <b>North-west corner: Lat 28 ° 31' 26" N Long 77° 11' 9"E</b> <b>South-east corner: Lat 28 ° 31' 24" N Long 77° 11' 11" E</b> <b>Area of Qutb archaeological area: 9.62 Hectare</b> <b>Area of buffer zone (upto 100 m from monument): 15.87 Hectare</b>	003
d.	Give the date of inscription on the World Heritage List and subsequent extension ( if applicable):  <b>11/12/1993, extension proposal is yet to be submitted.</b>	004
e.	Organization(s) or entity (ies) responsible for the preparation of this report. Organization(s) / entity (ies) : Archaeological Survey of India  Person(s) responsible: : <b>Superintending Archaeologist</b> <b>Delhi Circle</b> Address: <b>Safdarjung Tomb, New Delhi-110003</b> City and post code: <b>110003</b> Telephone: <b>91-011- 23017293,23014186,23018005</b> Fax: <b>91-011- 23017293</b> E-mail: <b>asi_india.@vsnl.net</b>	005
	Date of preparation of the report: <b>December 2002</b>	006
	Signature on behalf of the State Party Signature:..... <i>Kasturi Menon</i> ..... 4. 2. 03. Name : <b>Smt. Kasturi Gupta Menon</b> Function: <b>Director General, Archaeological Survey of India</b>	007

(KASTURI GUPTA MENON)  
Director General  
&  
Additional Secretary  
Archaeological Survey of India  
Janpath, New Delhi-110011



	<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 what 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> <p><b>Built in the late 12<sup>th</sup> - early 13<sup>th</sup> century, the tower is built of marble, red and buff sandstone, and has alternate angular and semi –circular flutings at its first storey. The upper storeys have either angular or semi-circular flutings or plain surface. The surrounding archaeological area contains funerary buildings like magnificent Alai–Darwaza, a masterpiece of Indio-Islamic architecture, the Quwwatul- Islam mosque, the earliest extant mosque in India built of materials reused from twenty-seven Brahmanical and Jain temples, with an inscribed iron pillar dateable to circa 5<sup>th</sup> cent. AD fixed in the centre of the courtyard, Alaud-din’s College and Tomb and Alai Minar.</b></p>	014
	<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? YES/NO</p> <p style="text-align: center;"><b>YES</b></p> <p>If YES. Please explain:</p> <p><b>In close proximity of the property there are a number of ancient monuments like Lal Kot, Qila Rai Pithora, Adham Khan’s tomb, Gandhak-ki- Baoli, Rajon –ki- Baoli, Zafar Mahal, Hauz-i- Shamsi, Jahaz Mahal, Balban’s Tomb, Jamali-Kamali Mosque and Tomb, Madhi Mosque, etc. All these monuments could be integrated with the property already nominated in the World Heritage List.</b></p>	015          016
	<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: YES /NO</p> <p style="text-align: center;"><b>YES</b></p> <p><b>The 100 meter zone around the property has been declared as prohibited area in which the development is strictly controlled by the Archaeological Survey of India. Even in the area further beyond 200 m development activities require the approval of the Archaeological Survey of India.</b></p>	017

	<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 style="text-align: center;"><b>N.A.</b></p>	018
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	<p>Is the State Party actively considering a revision of the property boundaries or the buffer zone?</p> <p style="text-align: center;"><b>YES</b></p>	019
	<p>If YES, indicate what is being done to that end:</p> <p><b>Extension of the World Heritage site is being proposed as shown on the map enclosed herewith. The list of the monuments located in the extended area are annexed (Annexure –I)</b></p>	020

### II.3. Statement of authenticity /integrity

	<p>Have the World Heritage values identified above been maintained since the property's inscription?</p> <p style="text-align: center;"><b>YES</b></p>	021
	<p>If, NO, Please describe the changes and name the causes:</p> <p style="text-align: center;"><b>N.A.</b></p>	022
	<p>What was the evaluation of the authenticity/integrity of the property at the time of inscription? (Please quote from the ICOMOS/IUCN evaluation):</p> <p><b>In view of the damage caused to the Qutb Minar by lightening and earthquakes, coupled with increasing atmospheric pollution in the past half-century, it is not surprising that the minaret should have been the subject of periodical restoration and reconstruction work. The authenticity of many of the existing facing stones is not great in terms of age; however, replacement has been carried out with scrupulous attention to accuracy in techniques, tools and materials, as studied by an ICOMOS expert while the work was in progress. The remaining monuments within the complex do not suffer from the same stresses as the minaret and restoration work on them has been minimal, so that the level of authenticity is high.</b></p>	023
	<p>Have there been changes in the authenticity/integrity since inscription</p> <p style="text-align: center;"><b>NO</b></p>	024

	If YES, Please described the changes to the authenticity/integrity and name the main causes?  <b>N.A.</b>	025
	Are there further changes foreseeable to the authenticity /integrity of the property in the near future?  <b>NO</b>	026
	If, YES, please explain and indicate how these changes might affect the World Heritage values of the property:  <b>N.A.</b>	027

#### II.4. Management

	How could the arrangements for the protection and the management of the property best be defined (more than one indication possible)? Legal (✓) Contractual ( ) Traditional (✓)	028
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	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:  <b>The values of the property are best preserved as per the provisions laid under the Ancient Monument and Archaeological Site and Remains Act 1958, Rules 1959 &amp; Amendments Rules of 1992, Conservation Manual, by Sir John Marshall and Management Guidelines for World Cultural Heritage Sites by Sir Bernard M. Feilden and Jukka Jokilehto and also the administration arrangements. The Delhi Municipal Corporation Act, 1957, the Delhi Development Act, 1957, the India Forest Act, 1927 and the Environment (Protection) Act, 1986 also help in preservation of the values of the monument at the national, provincial and /or municipal level.</b>	029
	In general terms, can this legislative, contractual and / or traditional protection be considered sufficient?  <b>YES</b>	030
	Please explain:  <b>The provision of the Ancient Monuments and Archaeological Sites and Remains Act, 1958 and Rules, 1959 and Amendment Rule, 1992 are adequate for protection of the property besides, the protected and buffer area. Coordination with local bodies and law enforcing agencies make the regulation effective.</b>	031

	<p>Provide a list and summaries of laws and regulations concerning cultural and natural properties protection and management (including extracts of relevant articles from the Constitution, Criminal Law, Law/Regulations on Land-use, Environment Law and Forestry Law, amongst other). Please also attach any documentation available concerning these points:</p> <p><b>List of regulations concerning cultural and natural properties protection and management is annexed (Annexure-II).</b>  <b>Summary of Ancient Monuments and Archaeological Sites and Remains Act, 1958, Rules, 1959 and Ammendment Rule, 1992 is annexed (Annexure-III).</b></p>	032
	<p>Describe the administrative and management arrangement that are in place for the property concerned, making special mention of the institutions and organizations that have management authority over the property as well as of the arrangements that are in place for the coordination of their actions:</p> <p><b>The Archaeological Survey of India is the overall authority for administrative and management arrangements for all the monuments within the Qutb Archaeological complex notified as centrally protected.</b></p> <p><b>Delhi Circle of the Archaeological Survey of India headed by Superintending Archaeologist and assisted by Dy. Superintending Archaeologists, Assistant Superintending Archaeologist, Assistant Archaeologists, Dy. Superintending Archaeological Engineer and Assistant Superintending Archaeological Engineer in fact manages the property through the Qutb Sub -Circle headed by Sr. Conservation Assistant. The Horticulture Branch and the Science Branch of the Archaeological Survey of India render necessary assistance in their area of expertise to the Superintending Archaeologist. The Circle and Sub-Circle offices maintain coordination with other Govt. /State Govt. authorities such as Deputy Commissioner (Revenue) , Deputy Commissioner of Police, Vice-Chairman, Delhi Development Authority, Commissioner , Municipal corporation of Delhi, etc. in the management of the area around the property falling in buffer zone.</b></p>	033
	<p>Please indicate under which level of authority the property is managed:</p> <p>Property                      (<input type="checkbox"/>) <b>Qutb Minar and its monuments, New Delhi.</b></p> <p>Regional                      (<input checked="" type="checkbox"/>) <b>Delhi Circle of the Archaeological Survey of India headed by Superintending Archaeologist manages the property directly under the overall administrative control of the Director General.</b></p> <p>National                      (<input checked="" type="checkbox"/>) <b>Director General, Archaeological Survey of India.</b></p>	034



	<p>Other (Please describe) ( )</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><b>A.K. Sinha, Superintending Archaeologist, Delhi Circle, Archaeological Survey of India, Safdarjung Tomb, New Delhi .</b>  <b>Telephone: 91-011- 23017293, 23014186,23018005</b>  <b>Fax: 91-011-23017293</b>  <b>E-mail: <u>asi_india@vsnl.net</u></b></p>	035
	<p>Is it necessary to revise the administrative and management arrangements for the property? YES/NO</p> <p style="text-align: center;"><b>NO</b></p> <p>If YES, explain why this is the case:</p> <p style="text-align: center;"><b>N.A.</b></p>	036    037
	<p>Is there a management plan for the property? YES/ NO</p> <p style="text-align: center;"><b>NO</b></p> <p>If YES, please summarize, indicating if the plan is being implemented and since when:</p> <p><b>The management plan is under preparation.</b></p>	038   039
	<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> <p><b>The Qutb Archaeological Area &amp; its buffer zone is monitored as per the provisions laid under the Ancient Monument and Archaeological Site and Remains Act 1958, Rules 1959 and Amendment Rules, 1992 by the Archaeological Survey of India. Besides above, other organizations such as Delhi Development Authority, Municipal Development Corporation, Police and locals bodies are approached, as per need for maintaining the values of the property. The Church Colony which has come up on the south-west of the complex unauthorizedly on the Govt. land may be relocated elsewhere and the area developed as green. The Archaeological Survey of India has already initiated action to remove the encroachments. The main area which may require legal or administrative actions relates to unauthorized constructions in the prohibited and regulated zones.</b></p>	040

	<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"> <li>• Conservation</li> </ul> <p>Make reference to all major interventions at the property and describe its present state of conservation:</p> <p><b>The Qutb Minar has constantly been the subject of conservation, restoration and maintenance since it was built in the early 13<sup>th</sup> century. In addition to restoration done in the 14<sup>th</sup> century after lightening, it was also repaired between 1805 and 1828, following major earth quake damages in 1803 . In 1920, the facing stones of the Qutb Minar necessitated repairs. Major structural work was also carried out in 1944-49 to deal with similar problems. The foundations were strengthened by grouting in 1971-72. Further work was being carried out since 1989-92 to replace crumbled facing stone blocks after strengthening the core masonry.</b></p> <p>As with all the monuments under the care of the Archaeological Survey of India, there is a regular annual monitoring and maintenance programme , combined with programme for special conservation. Regular maintenance and restoration work is a regular feature carried out. The open area around the monument is maintained green by the Horticulture Branch of the Archaeological Survey of India.</p> <p>The property is in good state of preservation. No interventions have occurred in the integrity and values of the property because conservation works are planned keeping in view the original character of the monument.</p>	041																						
	<ul style="list-style-type: none"> <li>• Ownership</li> </ul> <p>Make reference to all major in ownership of the property and describe the present state of ownership:</p> <p><b>The ownership of the property rests with the Archaeological Survey of India.</b></p>	042																						
	<p>Please, give a detailed description of the staffing of the site:</p> <p><b>Local office: Qutb Sub-Circle</b></p> <table> <tr> <td><b>Senior Conservation Assistant</b></td> <td><b>1</b></td> </tr> <tr> <td><b>Conservation Assistant Gr.II</b></td> <td><b>1</b></td> </tr> <tr> <td><b>Foreman</b></td> <td><b>1</b></td> </tr> <tr> <td><b>Booking Clerks</b></td> <td><b>2</b></td> </tr> <tr> <td><b>Watch and ward Staff</b></td> <td><b>77</b></td> </tr> <tr> <td><b>Sweepers</b></td> <td><b>10</b></td> </tr> <tr> <td><b>Private Security Guards</b></td> <td><b>19</b></td> </tr> </table> <p><b><u>Horticulture Staff :</u></b></p> <table> <tr> <td><b>Foreman</b></td> <td><b>1</b></td> </tr> <tr> <td><b>Junior Foreman</b></td> <td><b>5</b></td> </tr> <tr> <td><b>Garden Attendant</b></td> <td><b>20</b></td> </tr> <tr> <td><b>Watchman</b></td> <td><b>1</b></td> </tr> </table>	<b>Senior Conservation Assistant</b>	<b>1</b>	<b>Conservation Assistant Gr.II</b>	<b>1</b>	<b>Foreman</b>	<b>1</b>	<b>Booking Clerks</b>	<b>2</b>	<b>Watch and ward Staff</b>	<b>77</b>	<b>Sweepers</b>	<b>10</b>	<b>Private Security Guards</b>	<b>19</b>	<b>Foreman</b>	<b>1</b>	<b>Junior Foreman</b>	<b>5</b>	<b>Garden Attendant</b>	<b>20</b>	<b>Watchman</b>	<b>1</b>	043
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	<p>Is the staffing level sufficient for adequate management of the property?</p> <p style="text-align: center;"><b>YES</b></p> <p>If NO, what should be done to improve the situation</p> <p style="text-align: center;"><b>N.A.</b></p>	<p>044</p> <p>045</p>
	<p>Does the staff need additional training?</p> <p style="text-align: center;"><b>YES</b></p> <p>If YES, what are the training needs for your staff?</p> <p><b>Conservation staff, the Archaeologists and technical professionals need to be trained to handle the latest available technologies and their applications in World Heritage monuments. Likewise watch and ward staff should also be given proper training in latest security techniques and how to behave and handle the visitors.</b></p>	<p>YES/NO 046</p> <p>047</p>
	<p>Describe the funding and financial situation of the property, indication sources, level and regularity of financing:</p> <p><b>Funds are allocated by the Central Government every financial year (April – March) for the maintenance and conservation of the property.</b></p> <p>Is the available funding sufficient for adequate management of the property?</p> <p style="text-align: center;"><b>YES</b></p> <p>If NOT, describe the financial resources that would be required for the management of the property:</p> <p style="text-align: center;"><b>N.A.</b></p>	<p>048</p> <p>049</p> <p>050</p>
	<p>Indicate International Assistance from which the property has benefitted:</p> <p style="text-align: center;"><b>Nil</b></p> <ul style="list-style-type: none"> <li>• World Heritage Fund: <b>Nil</b></li> </ul>	<p>051</p>
	<ul style="list-style-type: none"> <li>• UNESCO International Campaign: <b>Nil</b></li> <li>• National and /or regional projects of UNDP, the World Bank or other agencies: <b>Nil</b></li> </ul>	<p>052</p> <p>053</p>

	<ul style="list-style-type: none"> <li>• Bilateral co-operation:</li> </ul>	054
	<p style="text-align: center;"><b>Nil</b></p> <ul style="list-style-type: none"> <li>• Other assistance:</li> </ul>	055
	<p><b>The Indian Oil Corporation through the National Culture Fund has agreed to provide funds for the integrated development of Qutb Minar Complex.</b></p>	
	<p>Describe the IT (computer ) equipment of the site and/or management office and assess its effectiveness:</p>	056
	<p><b>Remote Presence Facilitation System, a device which transmits the views of the area around taken by cameras fitted on top of Qutb Minar, on the monitors fixed at ground. The visitors may move the cameras through buttons and have the view of their choice with pre-recorded commentary.</b></p>	
	<p>Are you using (multiple indications are possible):</p>	057
	<p style="text-align: center;"><b>NO</b></p> <p style="text-align: center;">PC (✓) Apple ( ) Mainframe ( )</p>	
	<p>Please give the number of available computer :</p>	058
	<p style="text-align: center;"><b>ONE</b></p>	
	<p>Does an operational access to the internet exist?</p>	059
	<p style="text-align: center;"><b>NO</b></p> <p style="text-align: right;">YES/NO</p>	
	<p>Is e-mail used for daily correspondence?</p> <p style="text-align: center;"><b>NO</b></p>	060
	<p>Is there a Geographical Information System (GIS) for the site?</p> <p style="text-align: center;"><b>NO</b></p>	061
	<p>If YES, what software do you have and how is the GIS used?</p> <p style="text-align: center;"><b>N.A.</b></p>	062
	<p>List scientific studies and research programmes that have been conducted concerning the site:</p> <p><b>Scientific studies are conducted at the site both by the Science branch and the Delhi Circle to monitor the state of monument to initiate effective steps for its preservation and conservation through annual and special repairs. The Indian</b></p>	063

	<p><b>Institutes of Technology, Kalapakkam Atomic Research Centre, Central Building Research Centre and other reputed organizations are also invited to conduct studies at the monuments as and when need arises.</b></p>													
	<p>Describe financial and human resource inputs for the research programme?</p> <p><b>Regular scientific research and studies at the monument are carried out by the experts of the Archaeological Survey of India as part of their annual programme. The Science and Conservation Branches of the Archaeological Survey of India do have adequate budget allocation to finance the research works. The human resource is available within the Archaeological Survey of India.</b></p> <p>Describe how the information/results are disseminated?</p> <p><b>The results of the researches conducted by the scientists and structural engineers are made available to the authorities responsible for the conservation of the monument regularly to ensure proper vigil on the state of health of the monument. The results and observations of the scientific research are published in the annual bulletin of the Archaeological Survey of India i.e. <i>Indian Archaeology - A Review</i> and reputed journals and magazines.</b></p>	<p>064</p> <p>065</p>												
	<p>Are there any visitor statistics for the site? YES/NO</p> <p style="text-align: center;"><b>YES</b></p> <p>If YES, please summarise the statistics and attach to this report:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Period</th> <th style="text-align: center;">No. of Visitors</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1998-99</td> <td style="text-align: center;">1598036</td> </tr> <tr> <td style="text-align: center;">1999-2000</td> <td style="text-align: center;">1633975</td> </tr> <tr> <td style="text-align: center;">2000-2001</td> <td style="text-align: center;">1839054</td> </tr> <tr> <td style="text-align: center;">2001-2002</td> <td style="text-align: center;">1660909</td> </tr> <tr> <td style="text-align: center;">April –Nov. -2002</td> <td style="text-align: center;">982645</td> </tr> </tbody> </table>	Period	No. of Visitors	1998-99	1598036	1999-2000	1633975	2000-2001	1839054	2001-2002	1660909	April –Nov. -2002	982645	<p>066</p> <p>067</p>
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	<p>What visitor facilities do you have at the property?</p> <ul style="list-style-type: none"> <li>-Bus and Car parking on the north and east of the site which is adequate for the present number of visitors</li> <li>-Admission Ticket counter</li> <li>-Counter for the sale of Archaeological Survey of India publications, maps and picture postcards, etc.</li> <li>-Drinking water</li> <li>-Toilet facilities for men and women</li> <li>-Interpretative signage consisting of a map of the entire site carved on sandstone slab, a World Heritage site brass plaque and incised sandstone plaques with</li> </ul>	<p>068</p>												

	<b>brief description, located in front of each of the major monuments</b> <b>-Provision of well-designed sandstone benches along the visitors path</b> <b>-Waste bins</b>	
	What visitor facilities are you in need of?  <b>-Site Interpretation Centre and museum</b> <b>-Signages</b> <b>-Cafeteria</b> <b>-Visitors movement plan</b> <b>-Upgradation of existing public conveniences</b> <b>- Resting place for the visitors</b> <b>- Organized Car Parking</b>	069
	Is a public use plan (tourism/visitor management plan) in existence for the property? YES/NO  <p style="text-align: center;"><b>NO</b></p>	070
	If YES, Please summarize, if NO explain if one is needed:  <b>The proposal for preparation of the visitor movement plan has been finalized.</b>	071
	Indicate how the property's World Heritage values are communicated to residents, visitors and the public (please attach examples of leaflets, videos, posters etc. and print-outs and /or the address of a web-page):  <b>The site has a brass plaque installed at a prominent locations indicating that it is a World Heritage Monument. World Heritage values are communicated by organizing cultural programmes and by distributing free of cost brochures in Hindi and English on the World Heritage monuments in India to the visitors. The Archaeological Survey of India also celebrates World Heritage Day (18, April) and World Heritage Week (19-25 Nov.) every year at the monument and organizes special exhibitions, awareness programmes, special lectures, etc. for school and college students. Heritage walks and guided visits are also organized.</b>	072
	Are the educational programmes concerning the property aimed at schools? <p style="text-align: right;">YES/NO</p> <p style="text-align: center;"><b>YES</b></p>	073
	If yes, please describe":  <b>On the World Heritage Day (18<sup>th</sup> April) and the World Heritage Week (19-25<sup>th</sup> November) every year exhibitions are mounted at the monument. Brochures describing in brief the World Heritage monuments in India are distributed to</b>	074

	<p>the visitors. Beside contact programmes for school &amp; college students are organized. On the World Heritage Day and 19<sup>th</sup> November of every year i.e. the first day of the World Heritage Week, the entry to the monument remains free.</p> <p>Conducted tours of the school children are organized regularly and the groups are taken around the monument under the guidance of an expert having knowledge on architecture, archaeology, conservation and management of the World Heritage monument . The students are informed the cultural value of the monument and also the way Archaeological Survey of India conserves and maintains the monuments maintaining its original character and value. Even the archaeologists and experts on conservation give lectures to the college and school students on special invitation.</p>	
	<p>What role does World Heritage inscription play for the site concerning the visitor number, the research programmes and/or the awareness building activities?</p> <p>It creates curiosity among the visitors and research scholars to analyze values of the World Heritage Monuments viz-a-viz other monuments and ignites spark to know more about the World Heritage sites and monuments, in the world. The inscription makes the monument popular at national and international levels amongst the visitors.</p>	075

11.5 Factors affecting the property

	<p>Please comment on the degree to which the property is threatened by particular problems and risks, such as development pressures, environmental pressure, natural disasters and preparedness, visitor/ tourism pressure, number of inhabitants. Also mention all other issues that you see as problematic</p> <ol style="list-style-type: none"> <li>a. <b><u>Development Pressures:</u></b> The impact of commercialization/ urbanization is reflected in the form of constructions in the buffer zone. But effective steps by the Archaeological Survey of India as per the provisions laid under Ancient Monument and Archaeological Site and Remains Act, 1958, Rules, 1959 and Amendment Rules, 1992 have yielded positive results and development activities are under total check since 1992.</li> <li>b. <b><u>Environmental Pressures:</u></b> The vehicular pollution darkens the stone surface of the monuments. The pollution level, however, has reduced considerably after introduction of Compressed Natural Gas driven vehicles in Delhi since 2002.</li> <li>c. <b><u>Natural disaster and preparedness:</u></b> Lightning conductors have been provided at the monuments. There is no threat from floods and fire at the site.</li> <li>d. <b><u>Visitor/ tourist pressure:</u></b> Although a large number of visitors visit the Qutb complex every day but the area of the site is large enough to accommodate them.</li> </ol>	076
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	<p>e. <b><u>No. of Inhabitants within site/buffer zone:</u></b> There is no problem of inhabitants in the protected area. There are some encroachments within the buffer zone but as a result of the effective steps taken by the Archaeological Survey of India the situation is under control since 1992.</p>	
	<p>Is there an emergency plan and/ or risk preparedness plan for the property in existence? YES/NO</p> <p style="text-align: center;"><b>NO</b></p> <p>If YES, please summarise the plan and provide a copy:</p> <p style="text-align: center;"><b>N.A.</b></p> <p>If NO, describe what is being done- and by whom to counteract the dangers the threaten or may threaten the property:</p> <p><b>Although there is no such eminent threat but in case of emergency the Archaeological Survey of India with the help of other Government agencies is capable to attend the threat.</b></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><b>-Training of the staff at World Heritage Site on risk preparedness</b>  <b>-More coordination with other organizations and locals to control the development activities in the buffer zone.</b>  <b>The Archaeological Survey of India is working on these aspects and the efforts made have helped to contain development pressure to a great extent.</b>  <b>Educational awareness of masses is enhanced through contact programmes with school /college students and local inhabitants.</b></p>	<p>080</p>
	<p>Give an indication if the impact of the factors affecting the property is increasing or decreasing:</p> <p><b>Due to effective measures undertaken by the Archaeological Survey of India the impact of factors affecting the property is under control .</b></p>	<p>081</p>
	<p>What actions have been effectively taken, or are planned for the future to address the factors affecting the property?</p> <p><b>-Frequent in-house training of the staff at World Heritage Site</b>  <b>-Better coordination with other organizations and locals to control the</b></p>	<p>082</p>



	<p><b>development activities in the buffer zone.</b>  <b>The Archaeological Survey of India is working on these aspects and it has helped to contain development pressure to a great extent. Educational awareness of masses has enhanced through contact programmes with school / college students and locals.</b></p>	
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**11.6 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><b>Regular inspections of the monument by the officers of the Delhi Circle are undertaken to monitor state of conservation and administrative arrangements. These monitoring exercises are recorded in the form of inspection notes and conservation works and management policies are planned accordingly. The works are properly documented and recorded.</b></p>	083
	<p>Is there a formal monitoring system established for the site? YES/NO</p> <p style="text-align: center;"><b>YES</b></p> <p>If YES, please give details of its organization:</p> <p><b>The Archaeological Survey of India monitors the property at various level:</b></p> <p>(a) <b>Local level i.e. Sub-Circle Qutb Minar (monthly)</b>  (b) <b>Circle level i.e. Superintending Archaeologist and his officers (Quarterly.)</b>  (c) <b>Directorate General level (Annually).</b></p>	084  085
	<p>If not already in place, is the establishment of formal monitoring system planned? YES/NO</p> <p style="text-align: center;"><b>N.A.</b></p> <p>If YES, please outline the functioning of that system, taking into consideration the key indicators you will be asked to define below (see 089/090)</p> <p style="text-align: center;"><b>N.A.</b></p>	086  087
	<p>Are there any indicators established for monitoring the state of conservation of the property? YES/NO</p> <p style="text-align: center;"><b>NO</b></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</p>	088  089

	<p>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 style="text-align: center;"><b>N.A.</b></p> <p>If NO, indicators have been identified and/or used so far, please define key indicators for future use in monitoring:</p> <p style="text-align: center;"><b>Nil</b></p>	090
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	<p>Indicate which partners, if any, are involved or will be involved in the regular monitoring exercise:</p> <p><b>Monitoring of the property in respect of conservation and management is looked after by the Archaeological Survey of India only. But for the maintenance of core zone/ buffer zone the Archaeological Survey of India involves reputed science laboratories/organizations, periodically.</b></p>	091
	<p>Identify the administrative provisions for organizing the regular monitoring of the property:</p> <p><b>Regular inspections by the Superintending Archaeologist, Deputy Superintending Archaeologists, Deputy Superintending Archaeological Engineer, Assistant Superintending Archaeological Engineer, Assistant Archaeologists, Senior Conservation Assistants, Conservation Assistants besides the officers from the Directorate General do the monitoring of the property at various administrative levels to assess the conservation and maintenance requirements of the site and also evaluate the conservation works during the process and even after.</b></p>	092
	<p>Describe what improvement the State Party foresees or would consider desirable in improving the monitoring system:</p> <p><b>The existing arrangement is adequate.</b></p>	093
	<p>In specific cases, the World Heritage Committee and /or its Bureau may have already examined the state of conservation of the property and made recommendations to the State Party, either at the time of inscription or afterwards. In such cases the State Party is requested to report on the actions that have been taken in response to the observation or decisions made by the Bureau or committee. Give details, if applicable:</p> <p><b>In view of the damage caused to the Qutb Minar by lightening and earthquakes, coupled with increasing atmospheric pollution in the past half-century, it is not surprising that the minaret should have been the subject of periodical restoration and reconstruction work. The authenticity of many of the existing</b></p>	094

	<p>facing stones is not great in terms of age; however, replacement has been carried out with scrupulous attention to accuracy in techniques, tools and materials, as studied by an ICOMOS expert while the work was in progress. The remaining monuments within the complex do not suffer from the same stresses as the minaret and restoration work on them has been minimal, so that the level of authenticity is high.</p> <p>The garden is maintained by the Horticulture Branch of the Archaeological Survey of India and is in a presentable condition. The regular inspection of the monument by the officers of Archaeological Survey of India, alert watch &amp; ward staff has prevented incidence of graffiti on the walls of the monument and efforts are being made to erase those done in the past, mechanically as well as chemically. The values of the property since its inscription has been retained meticulously by proper monitoring, conservation and management. The monuments located in the vicinity of Qutb Archaeological Area are properly maintained and these are in good state of preservation.</p>	
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II.7. Conclusions and recommended actions

	<p>Please summarize the main conclusions regarding the state of the World heritage values of the property (see items II.2. and II.3. above):</p> <p><b>The value on the basis of which property was inscribed is intact.</b></p>	095
	<p>Please summarize the main conclusions regarding the management and factors affecting the property (see items II.4. and II. 5. Above):</p> <p><b>Property is well managed, protected and preserved by the Archaeological Survey of India, by implementing provisions of the existing legal arrangements. Although the development, environmental pressures, etc, do exist at the site but effective monitoring and timely action by the Archaeological Survey of India have put the situation under control.</b></p>	096
	<p>Give an overview over proposed future action/actions:</p> <p><b>Perspective plan for the conservation works to be carried out during the ninth five years plan (2002-07) has already been prepared. The management plan, conservation plan, integrated development plan and visitors movement plan are being prepared.</b></p>	097
	<p>Name the agency responsible for implementation of these actions ( if different from 005):</p> <p><b>Archaeological Survey of India.</b></p>	098

	<p>Give a timeframe for the implementation of the actions described above:</p> <p><b>March, 2004.</b></p>	099
	<p>Indicate for which of the planned activities International Assistance from the World Heritage Fund may be needed ( if any):</p> <p><b>Training to the officials at the monument in periodic assessment of the structural stability, Geographic Information System, management, application of information technology in various areas is needed.</b></p>	100
	<p>Are there any contacts with management units of other properties within outside your country?</p> <p style="text-align: right;">YES/NO</p> <p style="text-align: center;"><b>NO</b></p>	101
	<p>If YES, please explain:</p> <p style="text-align: center;"><b>N.A.</b></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><b>In general the problems are site specific but the experience gained in the field of management , conservation etc, while preparing periodic reports may be shared with other state parties.</b></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: <b>Archaeological Survey of India , Delhi Circle , Safdarjung Tomb, New Delhi-3</b></p> <p>Person responsible: <b>Superintending Archaeologist, Delhi Circle</b>  Address: <b>Archaeological Survey of India , Delhi Circle , Safdarjung Tomb, New Delhi-3</b></p> <p>City and post code: <b>110003</b>  Telephone: <b>011- 23017293, 23014186,23018005</b>  Fax: <b>011-23017293</b>  E-mail: <b>asi_india@vsnl.net</b></p>	104

11.8. Assessment of the Periodic Reporting 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 style="text-align: center;"><b>YES</b></p>	105
	<p>Was the questionnaire clear and did it help to comply with the reporting requirements of the State Party?</p> <p><b>The questionnaire could have been simpler and supported by notes mentioning the kind and purpose of information required.</b></p>	106
	<p>What are the perceived benefits and lessons learnt of the exercise?</p> <p><b>It helped to have effective monitoring of the property, in tackling different types of problems through planned programmes. It equipped the managers to deal with the problems more effectively. Infact, it was a self-appraisal exercise which may go a long way in preserving the values of the property.</b></p>	107
	<p>Please describe the expected outcome of the Periodic Reporting exercise and the desired follow-up by the World heritage committee:</p> <ul style="list-style-type: none"> <li>- <b>It is expected that the World Heritage Committee will take up necessary action to provide suitable guidelines/expertise to overcome deficiencies, if any, in the existing system.</b></li> <li>- <b>Extend necessary help and expertise in preparation of Management Plan, Conservation Plan, Visitor Movement Plan, Overall upgradation plan for tourist facilities at the monument.</b></li> <li>- <b>Make available books, monographs, articles, guidelines, and other relevant published material to the site managers.</b></li> <li>- <b>Arrange training for the site managers, conservationists and scientists in the field of proper documentation, analyses of structural problems, use of sophisticated equipments and their applicability in day-to-day work.</b></li> <li>- <b>Setting up the site interpretation center and museums using latest information technology in creating virtual reality, walk through, and dissemination of knowledge to common visitors in a most interesting manner.</b></li> <li>- <b>Organizing visits of site mangers and conservationists to the World Heritage Monuments and sites outside India for proper interaction.</b></li> </ul>	108

## 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 details of the property itself (see question 033 for specifications)  
Delhi Guide Map
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.  Photo 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

Annexure- I List of monuments located in the area around Qutb Complex.

Annexure-II List of regulations concerning cultural and natural properties protection and management.

Annexure-III Summary of Ancient Monuments and Archaeological Sites and Remains Act, 1958 and Rules, 1959 and Amendment Rule, 1992

## INDICATIVE BIBLIOGRAPHY

1. Archaeological Survey of India. **Qutb Minar and Adjoining Monuments** (World Heritage Series). New Delhi, 2002
2. Page, J.A. **An Historical Memoir on the Qutb** (Memoris of the Archaeological Survey of India No.22). Calcutta, 1926
3. Sharma, Y.D. **Delhi and its Neighbourhood**. New Delhi, Archaeological Survey of India, 2001 (Reprint)
4. Zafar Hassan. **List of Muhammadan and Hindu Monuments**, Vol III. Calcutta, Superintendent, Government Printing, 1923

## ANNEXURE-I

### LIST OF MONUMENTS LOCATED IN CLOSE VICINITY OF QUTB ARCHAEOLOGICAL AREA:

1. Jamali –Kamali mosque and tomb
2. Madhi-Mosque
3. Balban's Tomb
4. Rajon-ki-bain (stepped well)
5. Wall of Lal Kot
6. Wall of Qila Rai Pithora
7. Zafar-mahal
8. Gandak-ki-baoli (stepped well)
9. Quli Khan's tomb (yet to be protected)

The above monuments are protected as of national importance and are conserved and managed by the Archaeological Survey of India. All of them are located within the area being proposed for extension of the Qutb Minar and its monuments– a World Heritage Monument.



## **ANNEXURE -II**

### **LIST OF REGULATIONS CONCERNING CULTURAL AND NATURAL PROPERTIES PROTECTION AND MANAGEMENT:**

1. Ancient Monuments and Archaeological Sites and Remains Act, 1958, Rules, 1959 and Ammendment Rules, 1992.
2. The Delhi Municipal Corporation Act, 1957.
3. The Delhi Development Act, 1957.
4. The Indian Forest Act, 1927.
5. The Environment (Protection) Act, 1986.

## ANNEXURE -III

### **THE ANCIENT MONUMENT AND ARCHAEOLOGICAL SITES AND REMAINS ACT, 1958 (ACT NO. 24 OF 1958)**

#### **Preliminary**

##### SECTION

1. Short title, extent and commencement
2. Definitions.
- 2-A. Construction of reference to any law not in force in the State of Jammu and Kashmir.

#### **Ancient Monument and Archaeological Sites and Remains of National Importance**

##### SECTION

3. Certain ancient monuments, etc., deemed to be of national importance.
4. Power of Central Government to declare ancient monuments, etc., to be of national importance.

#### **Protected Monument**

##### SECTION

5. Acquisition of rights in a protected monument.
6. Preservation of protected monument by agreement.
7. Owners under disability or not in possession.
8. Application of endowment to repair a protected monument.
9. Failure or refusal to enter into an agreement.
10. Power to make order prohibiting contravention of agreement under Section 6.
11. Enforcement of agreement.
12. Purchasers at certain sales and persons claiming through owner bound by instrument executed by owner.
13. Acquisition of protected monuments.
14. Maintenance of certain protected monuments.
15. Voluntary contributions.
16. Protection of place of working from misuse, pollution or desecration.
17. Relinquishment of Government rights in a monument.
18. Right of access to protected monument.

#### **Protected Areas**

##### SECTION

19. Restrictions on enjoyment of property rights in protected areas.
20. Power to acquire a protected area.

#### **Archaeological Excavations.**

##### SECTION

21. Excavations in protected areas.
22. Excavations in areas other than protected areas.

23. Compulsory purchase of antiquities, etc., discovered during excavation operations.
24. Excavations, etc., for archaeological purposes.

#### Protection of Antiquities

##### SECTION

25. Power of Central Government to control moving of antiquities.
26. Purchase of antiquities by Central Government.

#### Principles of Compensation

##### SECTION

27. Compensation for loss or damage.
28. Assessment of market value or compensation.

#### Miscellaneous

##### SECTION

29. Delegation of power.
30. Penalties.
31. Jurisdiction to try offences.
32. Certain offences to be cognisable.
33. Special provision regarding fine.
34. Recovery of amounts due to the Government.
35. Ancient monuments, etc., which have ceased to be of national importance.
36. Power to correct mistakes, etc.
37. Protection of action taken under the Act.
38. Power to make rules.
39. Repeals and saving.

## **ANCIENT MONUMENTS AND ARCHAEOLOGICAL SITES AND REMAINS RULES, 1959**

### CHAPTER I

#### Preliminary

##### RULE

1. Short title, extent and commencement.
2. Definitions.

### CHAPTER II

#### **Access to Protected Monuments**

##### RULE

3. Monuments governed by agreement.
4. Parts of monuments not open.
5. Monuments when kept open.
6. Entrance fee.
7. Holding of meeting, etc., in monuments.
8. Prohibition of certain acts within monuments.
9. Penalty.

CHAPTER III  
Construction and other Operations Protected Area

**RULE**

10. Permission required for construction, etc.
11. Licence required for excavation.
12. Application for licence.
13. Grant or refusal of licence
14. Period of licence.
15. Cancellation of licence.
16. Conditions of licence.
17. Recovery from security.
18. Demand of further security.
19. Appeal.
20. Return of security.
21. Publication of the result of excavation.
22. Return of antiquities by a licence.
23. Penalty.

CHAPTER IV  
**Excavation in Unprotected Areas**

RULE

24. Intimation to the Central Government.
25. Approved by the Central Government.
26. Deputation of an archaeological officer.

CHAPTER V

Report of Excavated Antiquities by an  
Archaeological Officer.

**RULE**

- 27. Form of report by an archaeological officer.**

CHAPTER VI

Moving of Antiquities From Certain Area

RULE

28. Application for moving antiquities.
29. Grant or refusal of permission
30. Appeal.

CHAPTER VII  
**Mining Operation and Construction near  
Protected Monuments**

RULE

31. Notice of intention to declare a prohibited or regulated area.
32. Declaration of prohibited or regulated area.
33. Effect of declaration of prohibited or regulated area.

34. Application for licence.
35. Grant or refusal of licence.
36. Cancellation of licence.
37. Appeal
38. Removal of unauthorised buildings.
39. Penalty.

#### CHAPTER VIII

#### **Copying and Filming of Protected Monuments**

##### RULE

40. Permission required for copying certain monuments.
41. Conditions of copying other monuments.
42. Licence required for filming.
43. Application for licence.
44. Grant or refusal of licence.
45. Cancellation of licence.
46. Appeal.
47. Certain rules not effected.
48. Penalty.

#### CHAPTER IX

#### **Miscellaneous**

##### RULE

49. Manner of preferring an appeal.
50. Service of orders and notices.

#### SCHEDULES

##### SCH.

**First** – Certain monuments or parts thereof will remain open.

**Second** – Protected monuments or parts thereof entry into which can be had only on payment of fee

<b>Third</b> – Form I	-	Application for permission for construction/mining operation with a Protected area
Form II	-	Application for licence to excavate in a protected area
Form III	-	Licence for excavation in a protected area
Form IV	-	Report on antiquities excavated in a protected area
Form V	-	Report on antiquities excavated by an archaeological officer
Form VI	-	Application for the moving of antiquities
Form VII	-	Application for Licence for mining operation/construction within a regulated area
Form VIII	-	Licence of mining operation/construction within a regulated area
Form IX	-	Application for licence of filming operation at a protected area
Form X	-	Licence for filming operation at a protected monument

**NOTIFICATIONS UNDER THE VARIOUS PROVISIONS OF THE ANCIENT  
MONUMENTS AND ARCHAEOLOGICAL SITES AND REMAINS ACT, 1958  
AND RULES, 1959**

NOTIFICATION

1. The Central Government gave one month's notice of its intention to declare areas upto 100 meters from the protected limits, and further beyond it upto 200 meters near or adjoining protected monuments to be prohibited and regulated areas respectively for purposes of both mining operation and construction.  
- S.O. 1764, dated 16<sup>th</sup> June, 1992.
2. In the Public Premises (Eviction of Unauthorised Occupants ) Act, 1971 the Central Government here by appoints the officers with the premises under Jurisdiction of Archaeological Survey of India.  
- S.O. 231, dated 16<sup>th</sup> January, 1998.
3. The Director General, Archaeological Survey of India, hereby direct that the Taj Mahal at Agra, a protected monument, shall be open afternoon prayers in the mosque in the Taj Mahal complex.  
- S.O. 10(E), dated 5<sup>th</sup> January, 2001.



# **ILLUSTRATIONS**

**MAP SHOWING LOCATION OF PRINCIPAL  
MONUMENTS IN DELHI**

**QUTAB MINAR, ITS MONUMENTS AND BUFFER ZONE**

**SITE PLAN OF QUTUB ARCHAEOLOGICAL AREA**

**LAYOUT OF MONUMENTS IN AREA AROUND  
QUTUB MINAR**

**PLAN OF QUTB ARCHEOLOGICAL AREA**

**PLAN OF QUTB ARCHEOLOGICAL AREA**

**CONJECTURAL VIEW OF QUTB ARCHEOLOGICAL  
AREA**

**CONJECTURAL VIEW OF MOSQUE OF QUTB-UD-  
DIN**

**PLAN AND SECTION OF QUTB MINAR**

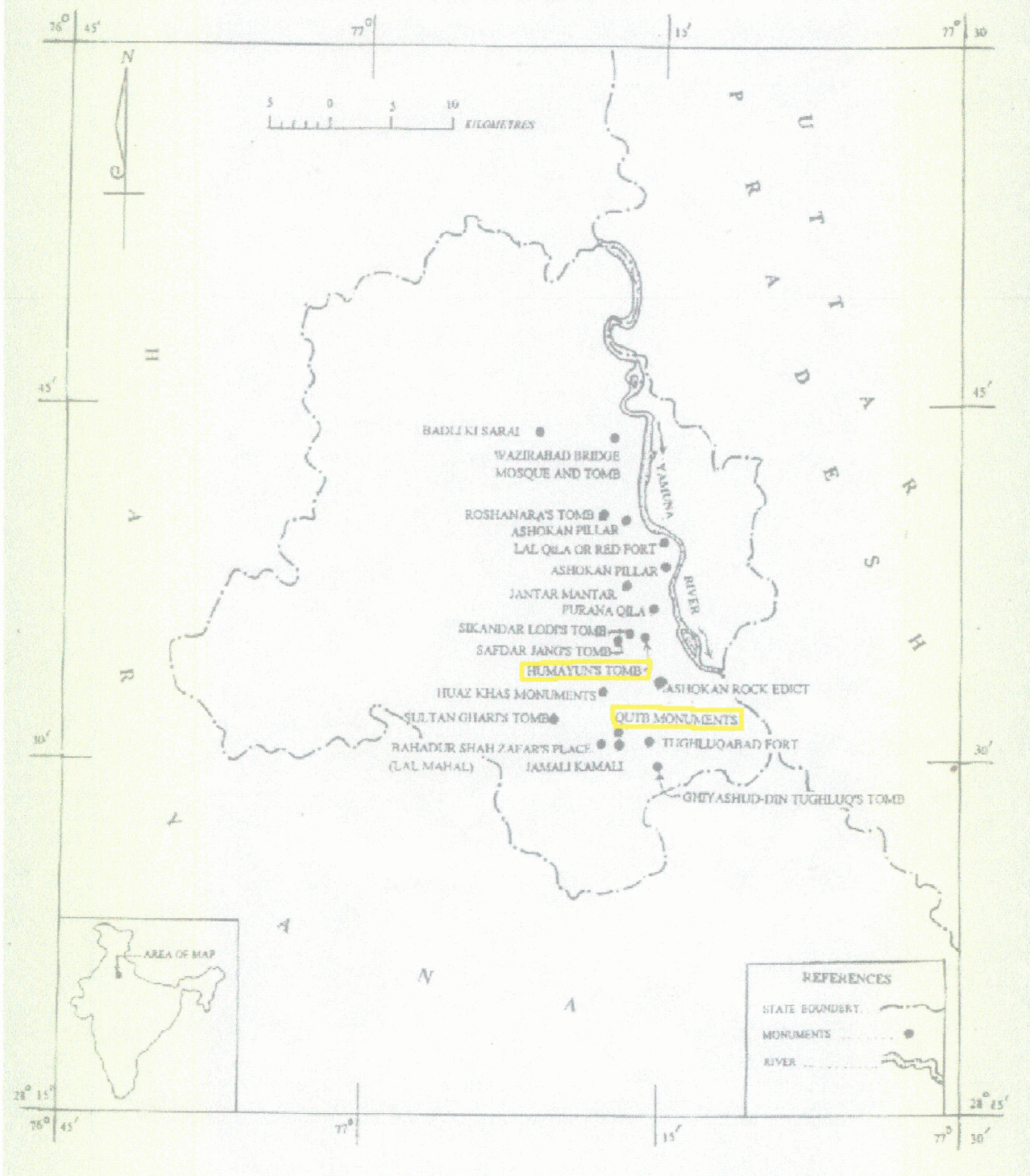
**SKETCH OF ENTRANCE DOORWAY, QUTB MINAR**

**DETAIL OF STALACTITE COREBELLING OF FIRST  
STOREY BALCONY, QUTB MINAR.**

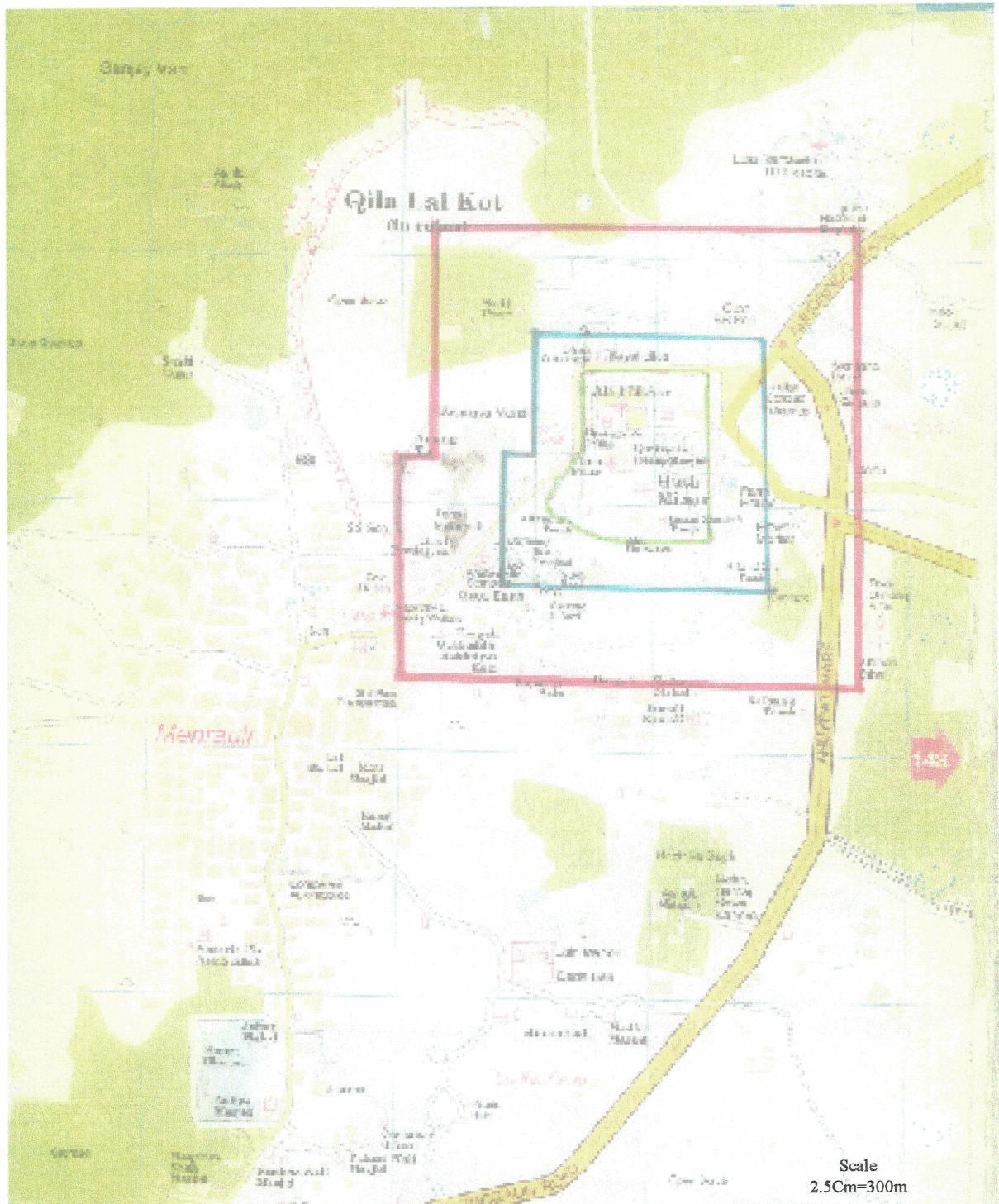
**PLAN AND SECTION OF IRON PILLAR**



# PRINCIPAL MONUMENTS IN DELHI



# QUTAB MINAR, ITS MONUMENTS AND BUFFER ZONE



## LEGEND

Centrally Protected Monuments shown thus

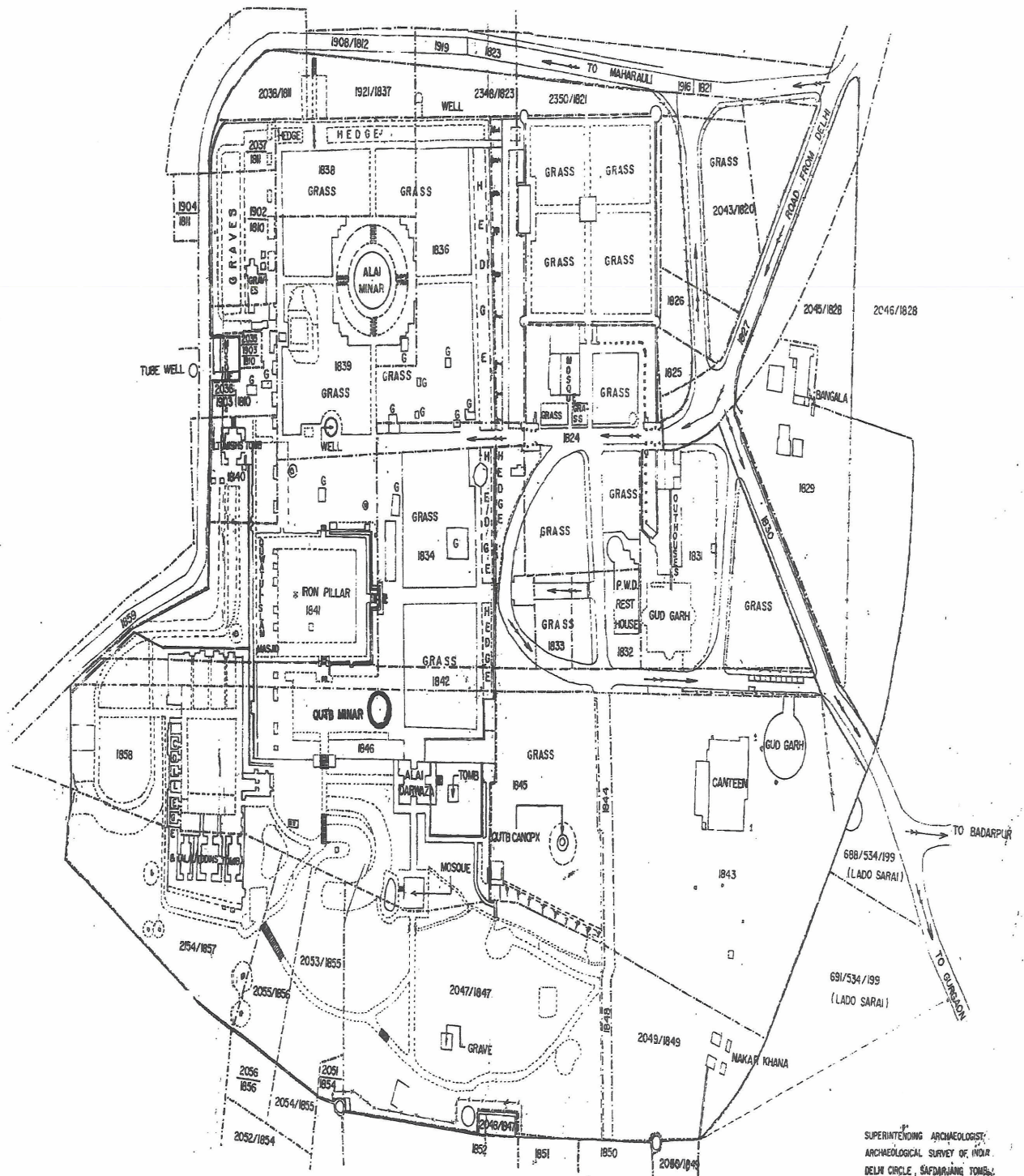
Protected Area of Qutab & its Monuments shown thus

Area of 100 m. Zone (buffer Zone) shown thus

Area of 300 m. Zone shown thus

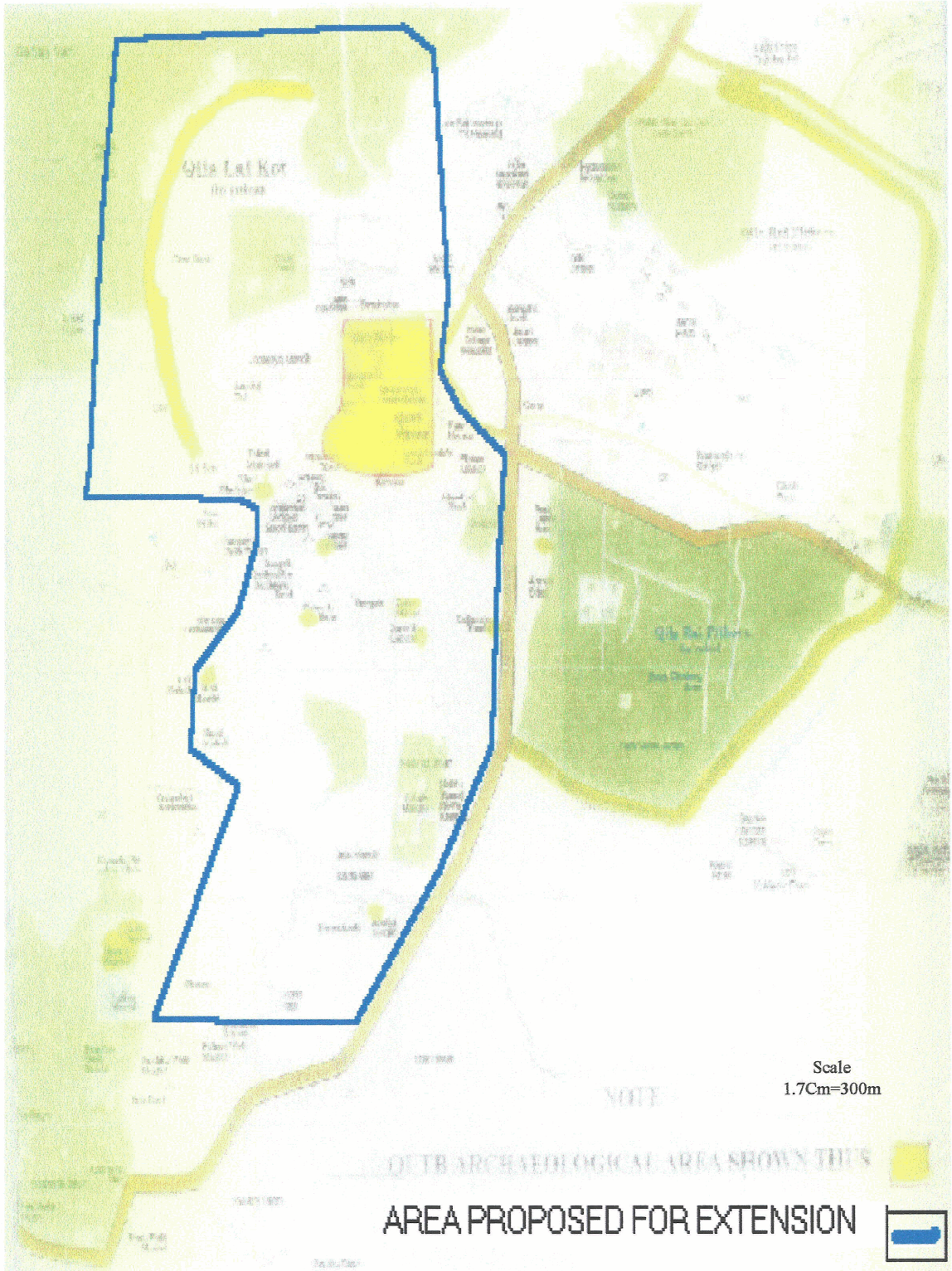


# QUTB ARCHAEOLOGICAL AREA



SUPERINTENDING ARCHAEOLOGIST  
 ARCHAEOLOGICAL SURVEY OF INDIA  
 DELHI CIRCLE, SAFDARJANG TOWNSHIP  
 NEW DELHI - 110003

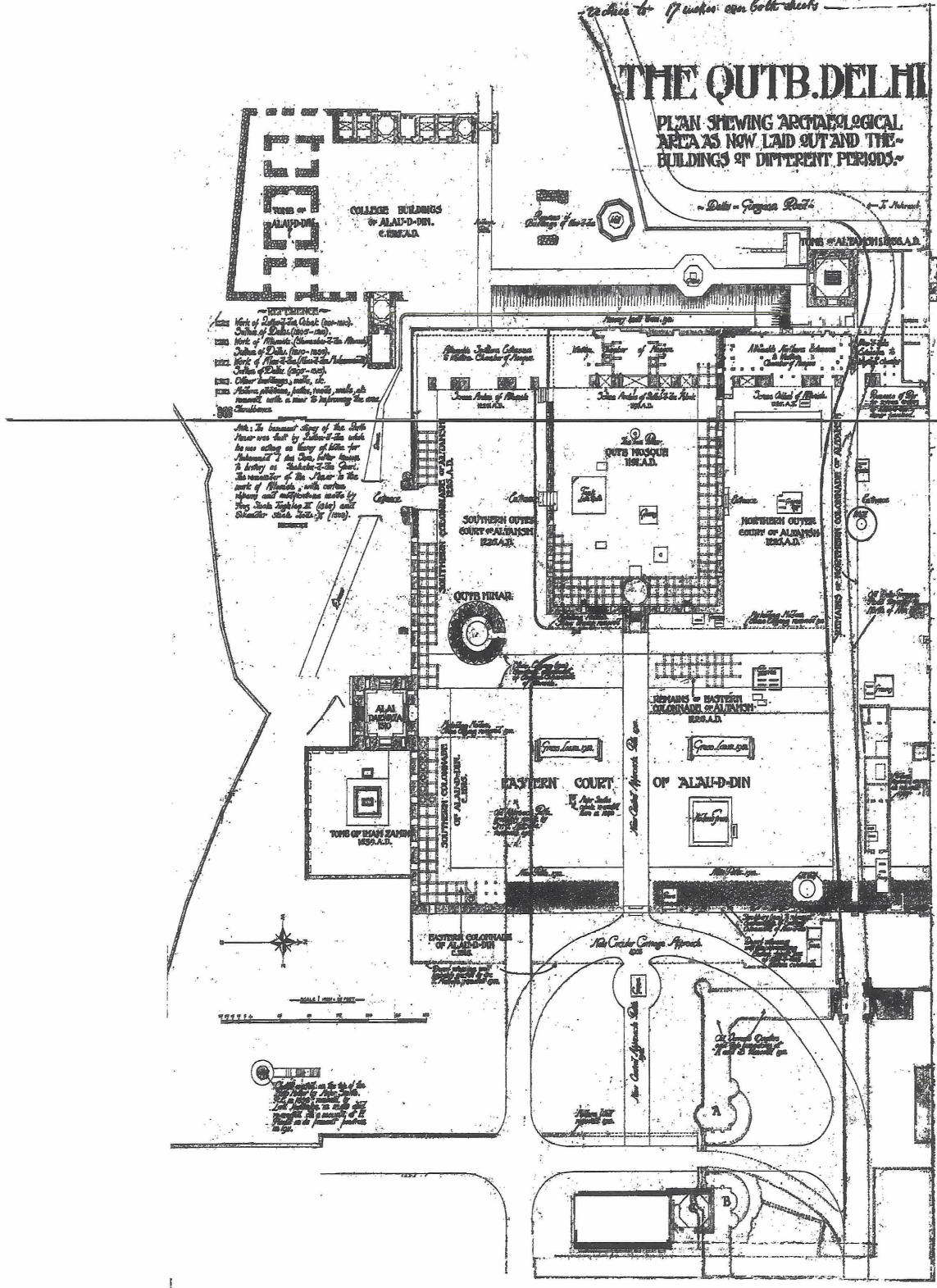
# LAYOUT OF MONUMENTS IN AREA AROUND QUTUB MINAR



See also to of notes on both sheets

# THE QUTB DELHI

PLAN SHOWING ARCHAELOGICAL  
AREA AS NOW LAID OUT AND THE  
BUILDINGS OF DIFFERENT PERIODS.

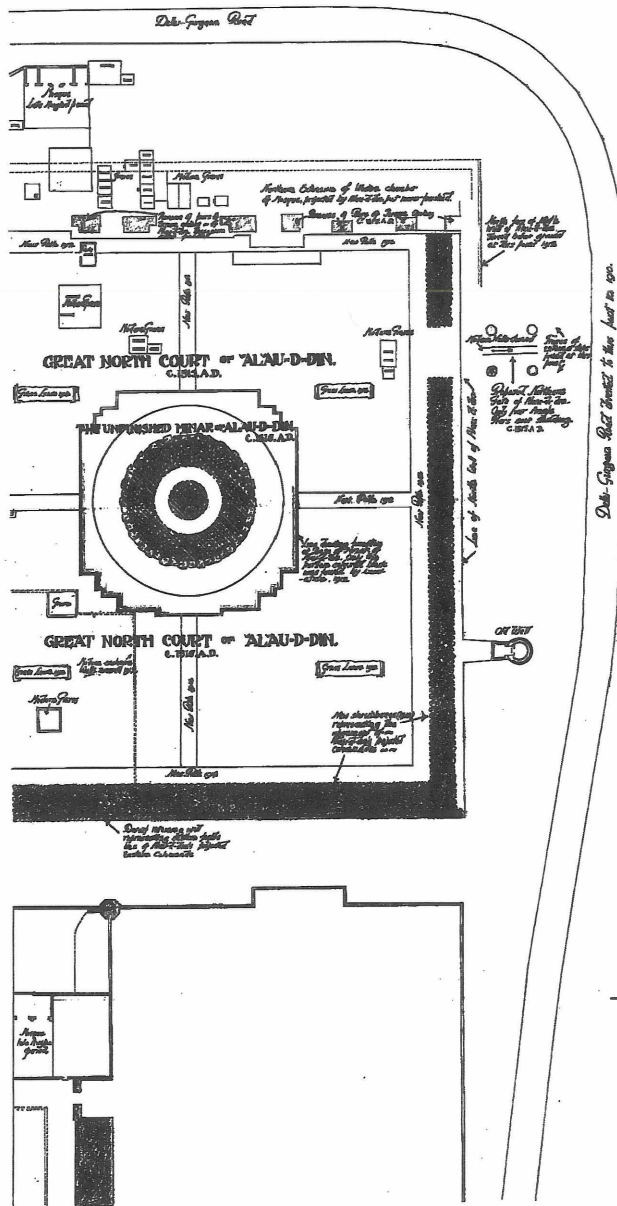


- 1. Fort of Alau-D-Din (1206-12)
- 2. Fort of Feroz Shah (1354-67)
- 3. Fort of Shah Jahan (1639-48)
- 4. Fort of Shah Jahan (1639-48)
- 5. Fort of Shah Jahan (1639-48)
- 6. Fort of Shah Jahan (1639-48)
- 7. Fort of Shah Jahan (1639-48)
- 8. Fort of Shah Jahan (1639-48)
- 9. Fort of Shah Jahan (1639-48)
- 10. Fort of Shah Jahan (1639-48)

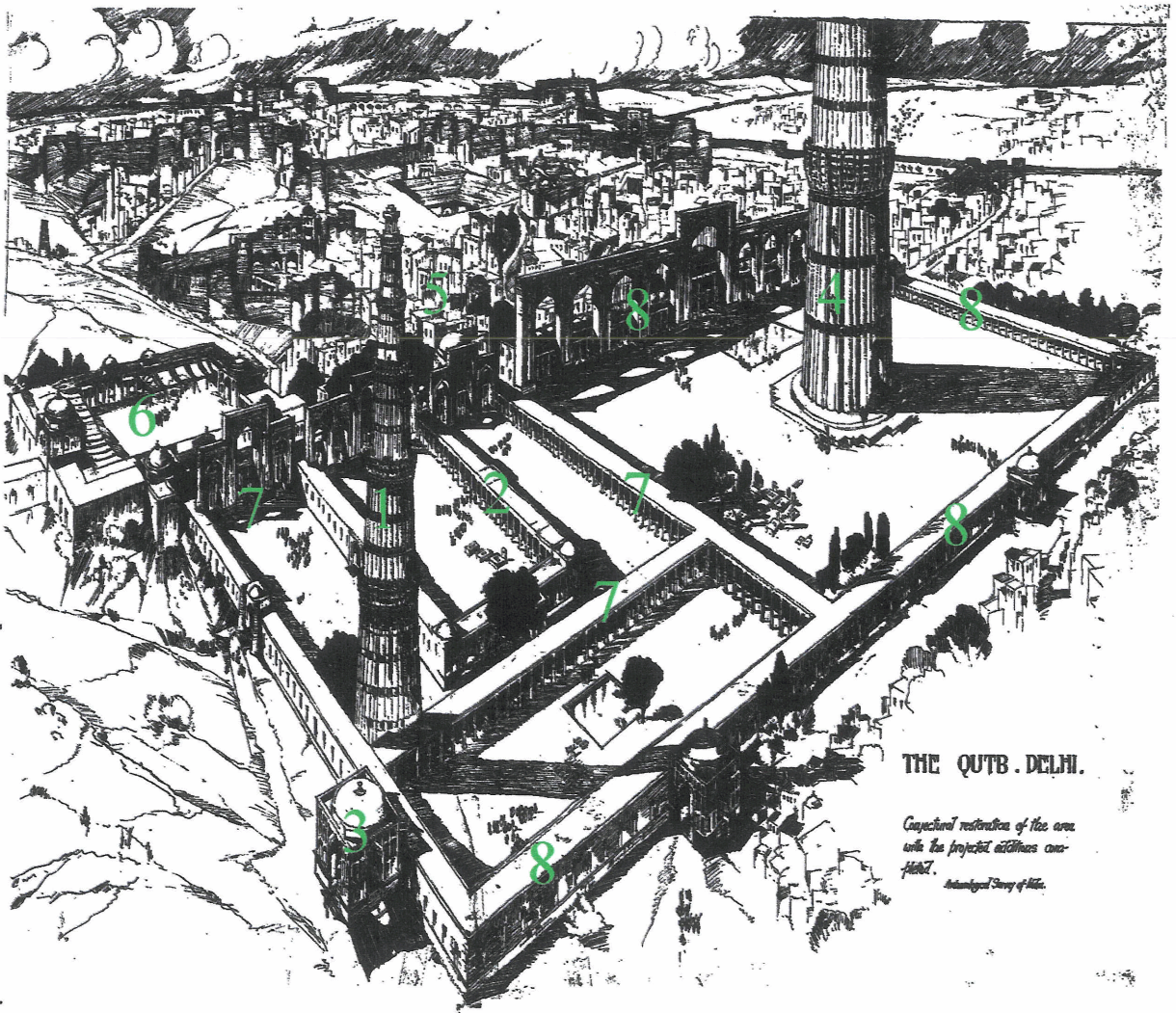
Note: The historical story of the Qutb Minar was told by Sultan Feroz who has an obelisk on every side for 'Jahangir' and 'Shah Jahan' is buried in the Qutb. The remainder of the plan is the work of Alau-D-Din, with various towers and structures made by the Qutb Shahs of Delhi and other builders who lived in Delhi.

Note: The historical story of the Qutb Minar was told by Sultan Feroz who has an obelisk on every side for 'Jahangir' and 'Shah Jahan' is buried in the Qutb. The remainder of the plan is the work of Alau-D-Din, with various towers and structures made by the Qutb Shahs of Delhi and other builders who lived in Delhi.

# UNFINISHED MINAR OF ALAUDDIN



# CONJECTURAL VIEW OF QUTB ARCHEOLOGICAL AREA



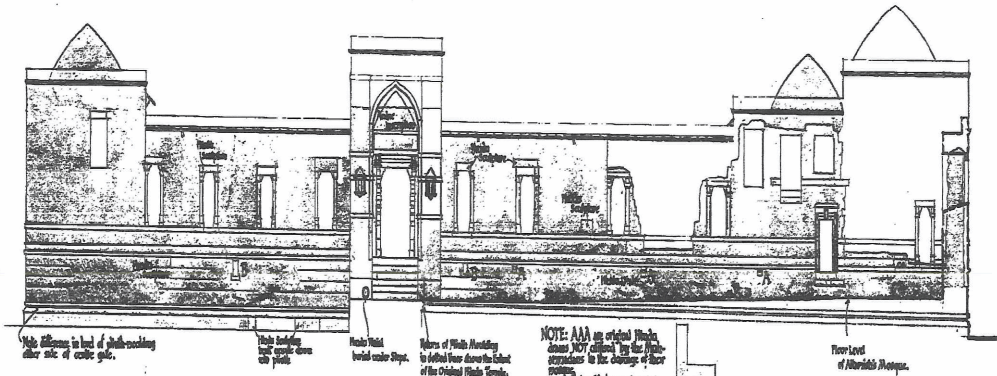
## INDEX

- |                          |  |
|--------------------------|--|
| 1. Qutb minar            | 5. Iltutmish's tomb                                |
| 2. Quwwatul-Islam mosque | 6. Alauddin college & tomb                         |
| 3. Alai-darwaza          | 7. Mosque extended by Iltutmish (1211-36)          |
| 4. Alai-minar            | 8. Mosque Extended by Alaud-Din Khalji (1296-1316) |

# THE QUTB, DELHI.

## MOSQUE OF QUTB-UD-DIN, CONJECTURALLY RESTORED.

Scale of  Feet.



North Elevation.

Note difference in level of platform on either side of central gate.

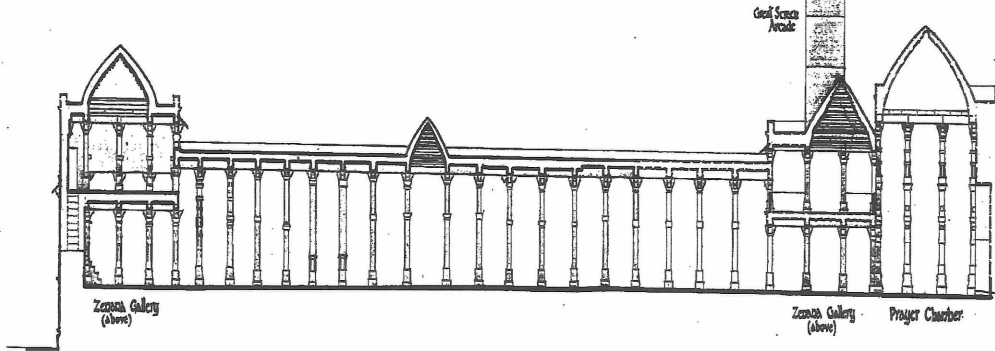
Main building built upon lower city platform.

Main Portal level under steps.

Walls of Minbar according to dotted lines show the extent of the original Minbar Temple.

NOTE: AAA an original Minbar shown NOT original, but the reconstruction to the design of the original is a Mohammedan date.

True Level of Alauddin's Mosque.



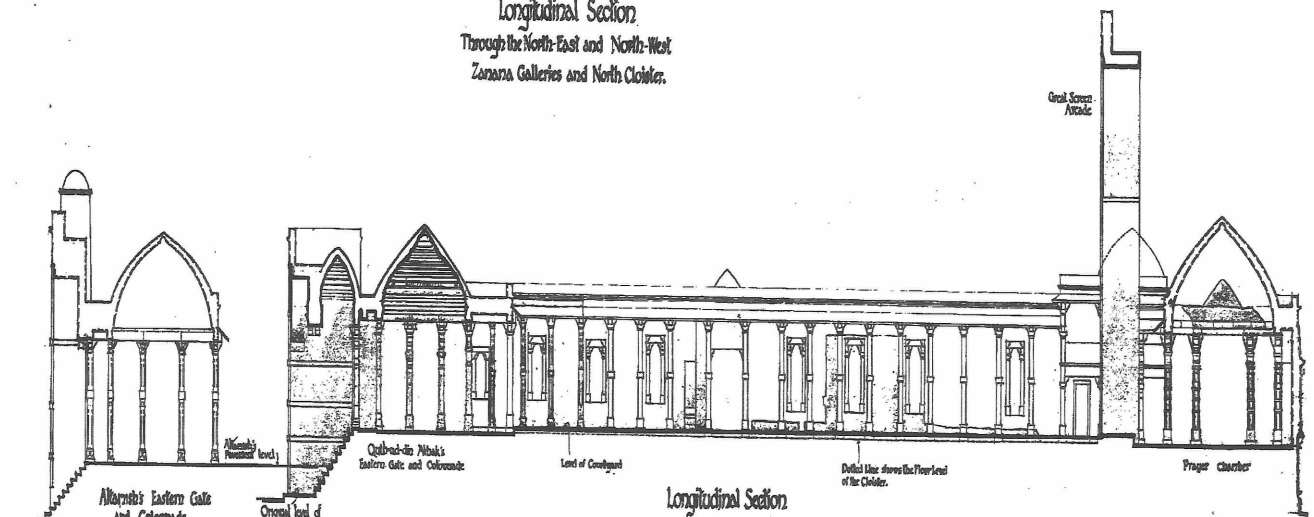
Longitudinal Section  
Through the North-East and North-West  
Zanana Galleries and North Cloister.

Zanana Gallery (above)

Zanana Gallery (above)

Prayer Chamber

NOTE: The firm black outline indicates existing structure; the dotted outline a conjectural restoration. Similarly, the grey wash indicates the existing elevational features.



Longitudinal Section  
Through Centre of Mosque.

Alauddin's Eastern Gate and Colonnade

Alauddin's (Present) level

Original level of Alauddin's Mosque Threshold

Qutb-ud-din Alauddin's Eastern Gate and Colonnade

Level of Courtyard

Dotted line shows the True Level of the Cloister.

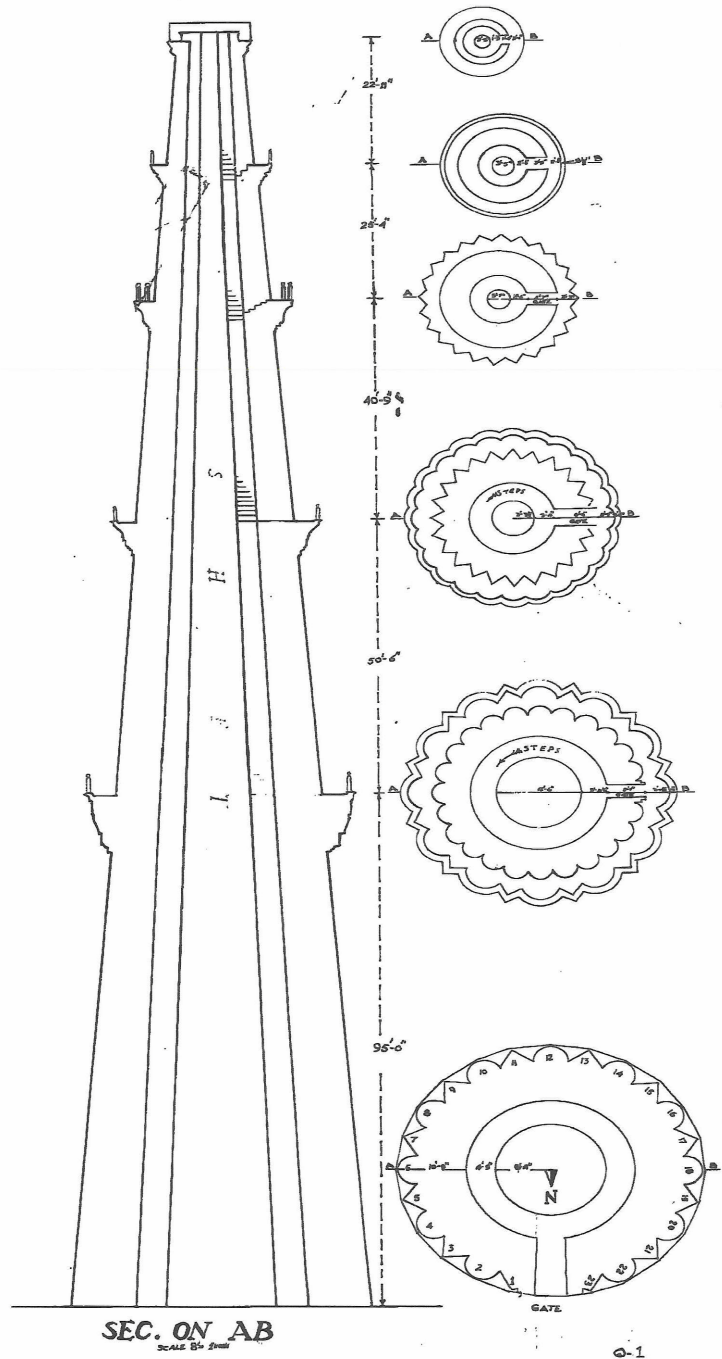
Prayer chamber

Great Screen Arcade

Archaeological  
Survey of India  
Jan. 1921.



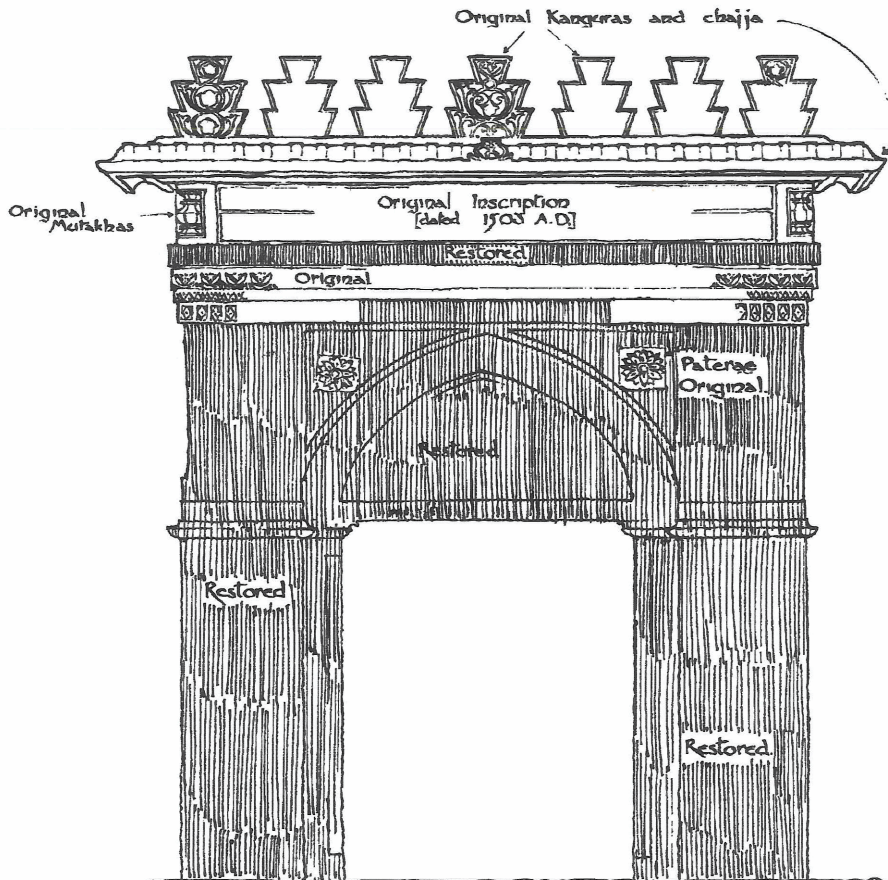
# QUTB MINAR



SEC. ON AB  
SCALE 1/4" = 1 foot

# THE QUTB MINAR: DELHI.

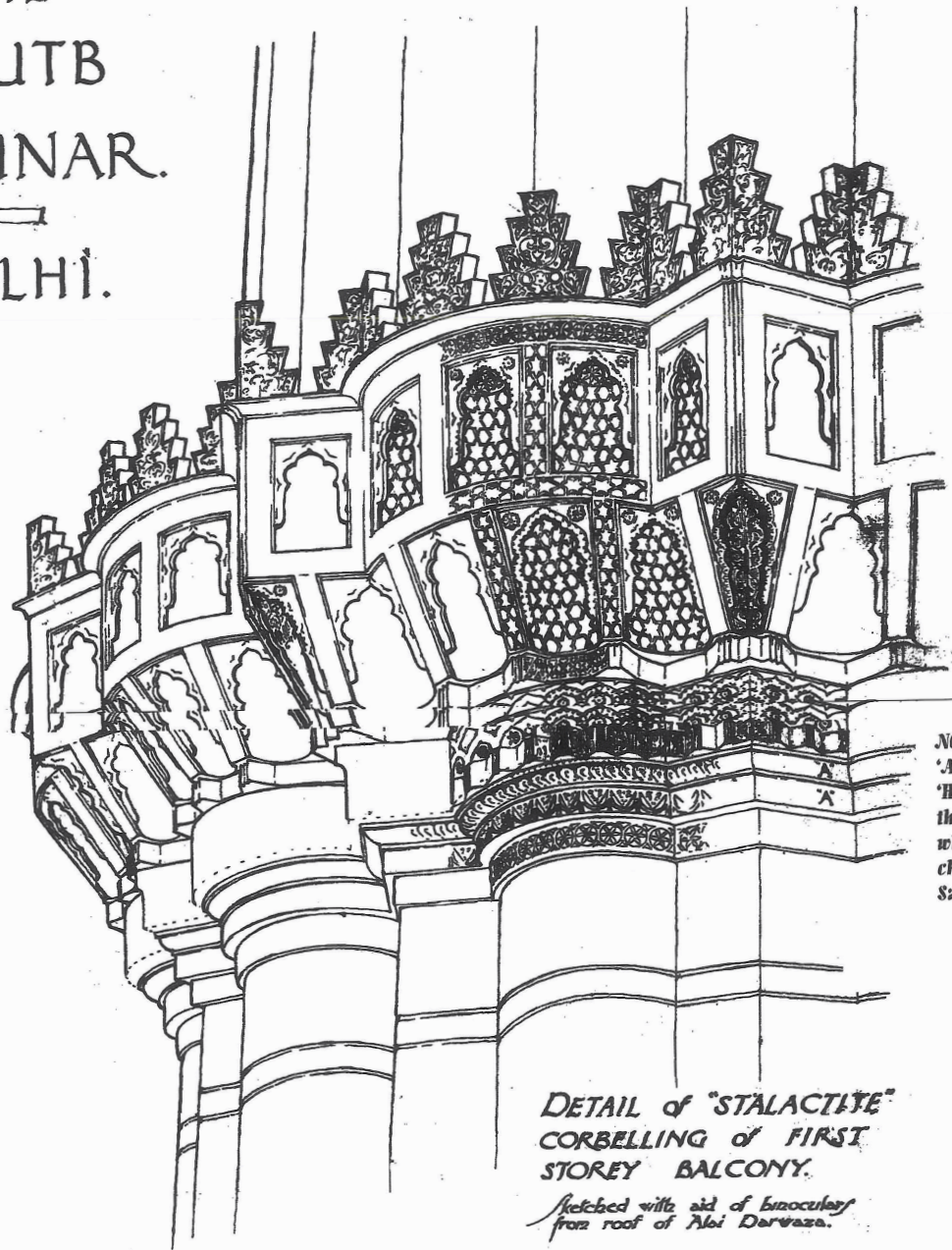
Sketch of ENTRANCE DOORWAY differentiating the Original work re-placed in 1828 and the modern repair supplementing it.



NOTE: The Restored portion is shown hatched, thus:-



THE  
QUTB  
MINAR.  
—  
DELHI.

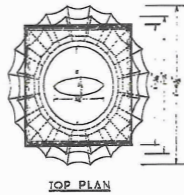


NOTE: Members 'A' 'A' are the only 'Hindu' elements of the ornamentation, which is otherwise characteristically Saracenic.

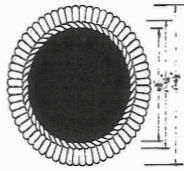
DETAIL of "STALACTITE" CORBELLING of FIRST STOREY BALCONY.

Sketched with aid of binoculars from roof of Mori Darwaza.

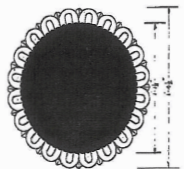
Note: The "kaliguras" are a suggested restoration, based on the original ones existing over the door- openings — in place of the present "quasi-gothic" railing.



TOP PLAN



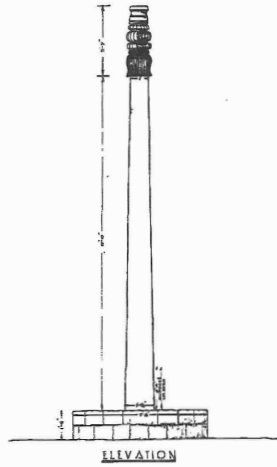
PLAN A-A  
LOOKING DOWN



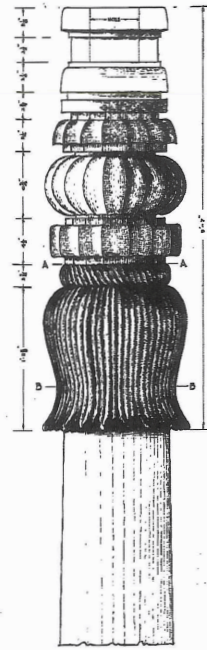
PLAN B-B  
LOOKING DOWN

## DETAIL OF THE IRON PILLAR AT QTAB

Scale — 2 Feet to an Inch, and 1/8 Full Size



ELEVATION



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## **QUTB MINAR AND IT'S MONUMENTS**

## **PHOTOGRAPHS**

**GENERAL VIEWS OF QUTB MINAR AND ITS MONUEMNTS**

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**CLOSE UP DETAILS**

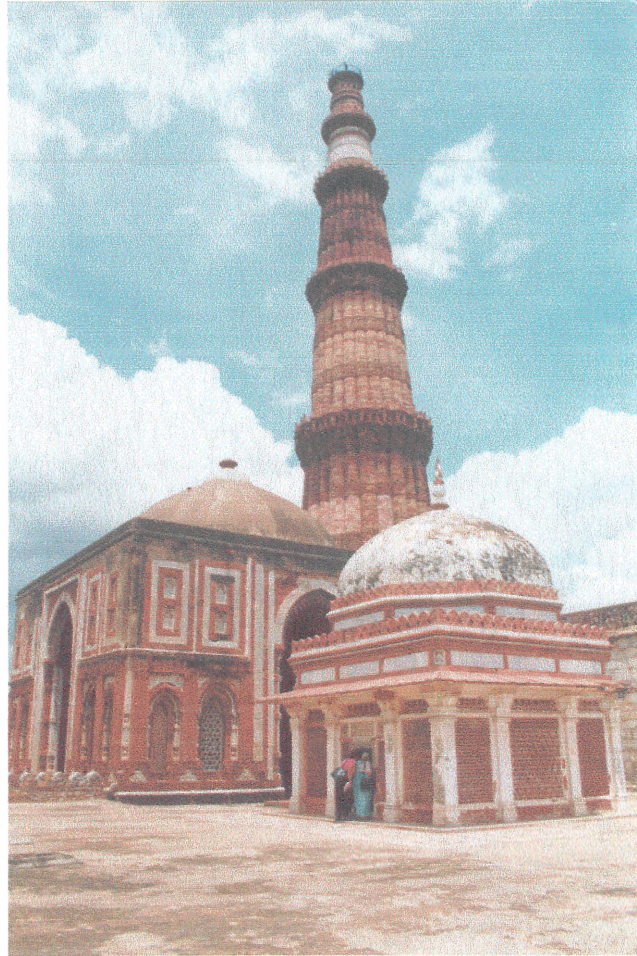
**STATE OF CONSERVATION OF THE SITE.**

**MAIN THREATS TO THE SITE AND ITS SURROUNDINGS-  
ACTION TAKEN BY THE ARCHAEOLOGICAL SURVEY OF  
INDIA.**

**GENERAL VIEWS OF MONUMENTS LOCATED IN THE AREA  
AROUND QUTB COMPLEX.**

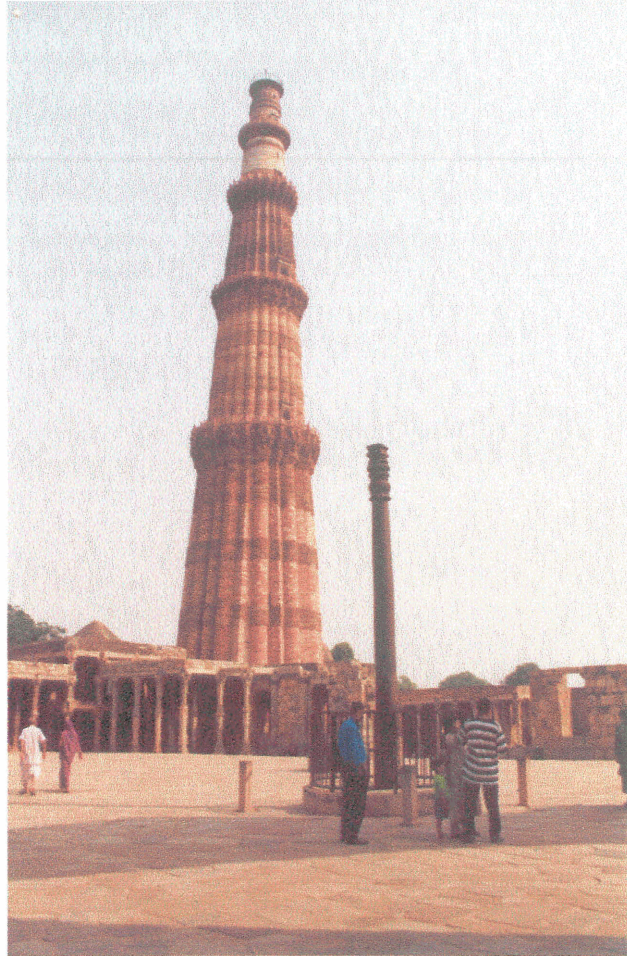


QUTB MINAR



QUTB MINAR , ALAI-DARWAZA AND  
IMAM ZAMIN'S TOMB





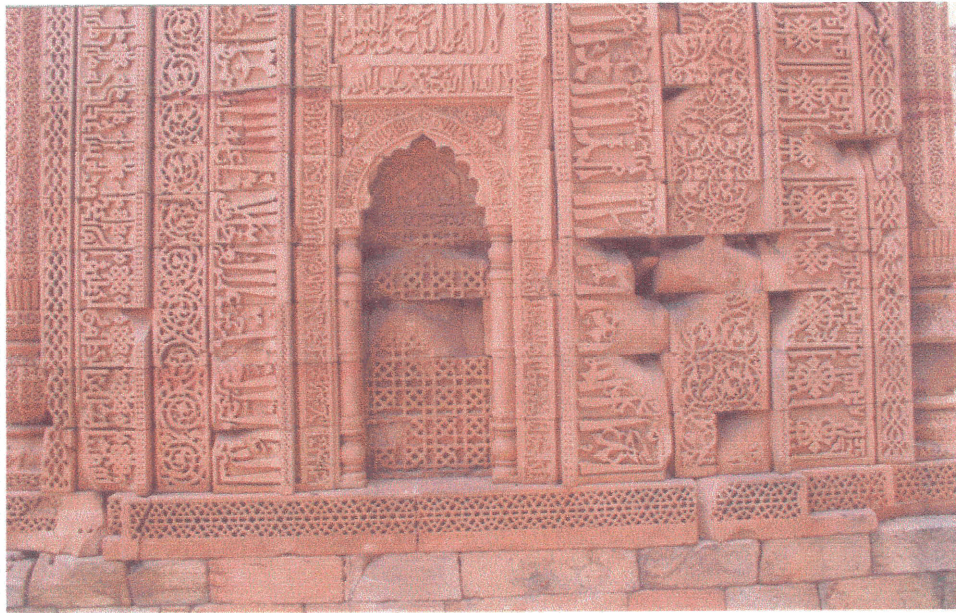
QUTB MINAR AND IRON PILLAR



QUWWATUL-ISLAM MOSQUE, VIEW FROM QUTB MINAR



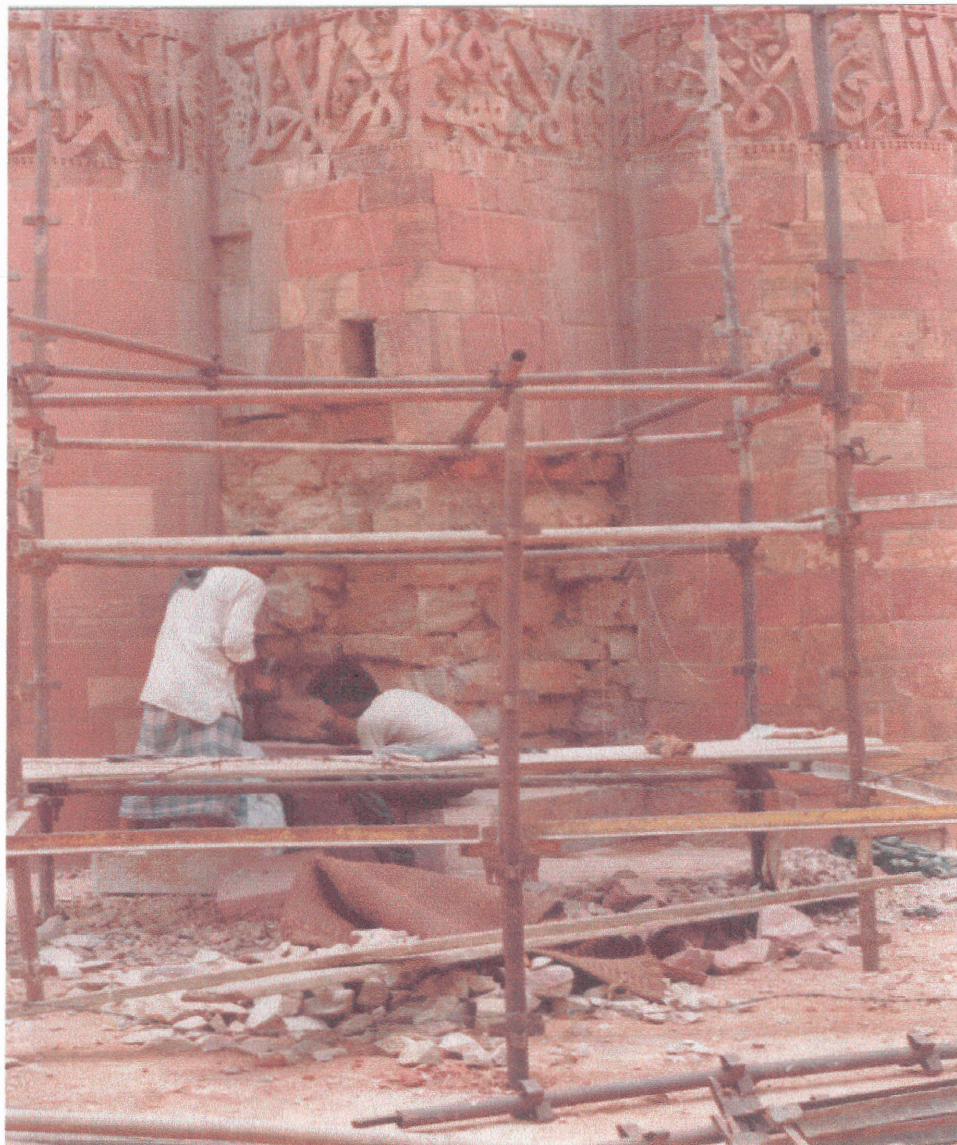
COLONADE, QUWWATUAL-ISLAM MOSQUE



DETAILS OF DECORATED ARCHED SCREEN

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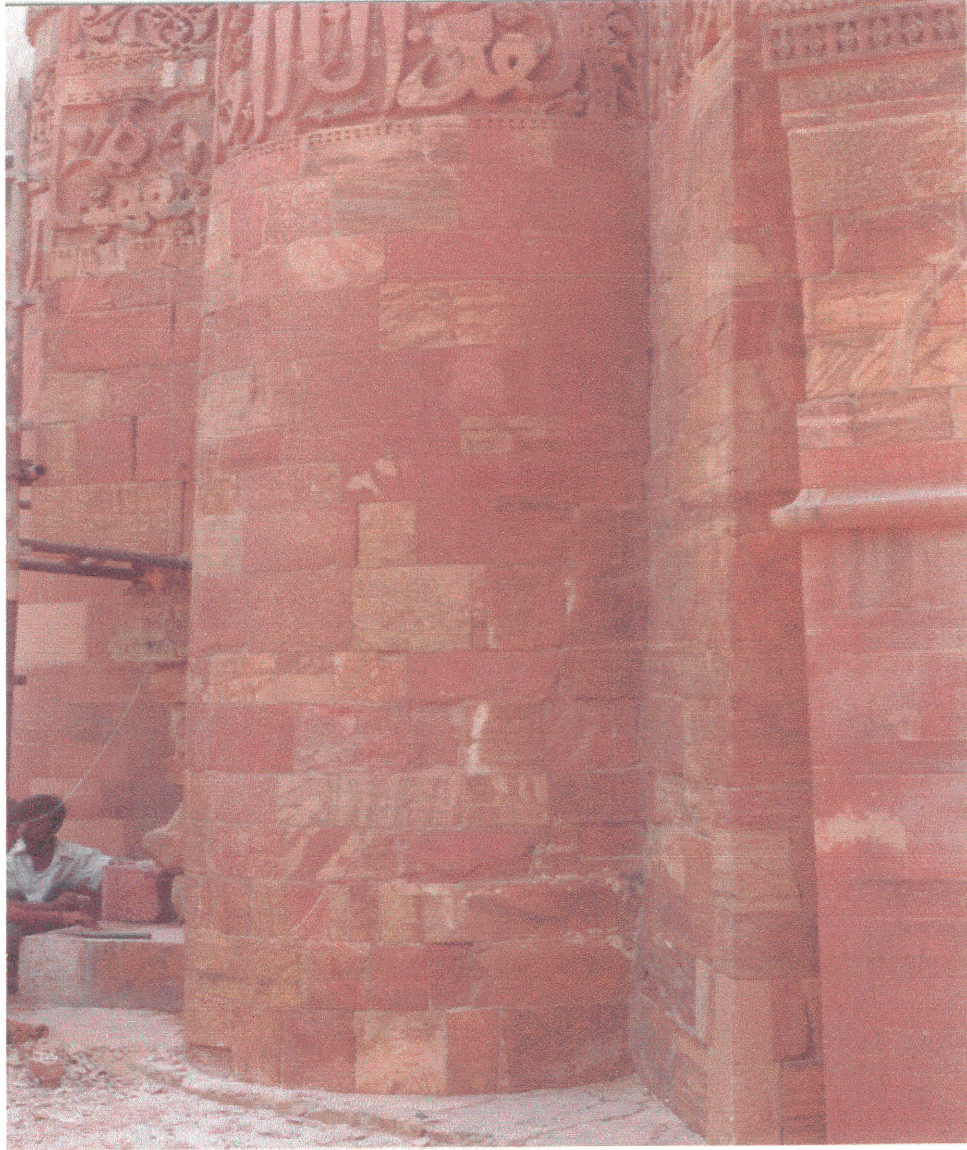
**STATE OF CONSERVATION OF THE SITE.**



FLUTINGS, DURING CONSERVATION



FLUTINGS, AFTER CONSERVATION



FLUTINGS, DURING CONSERVATION



FLUTINGS, AFTER CONSERVATION





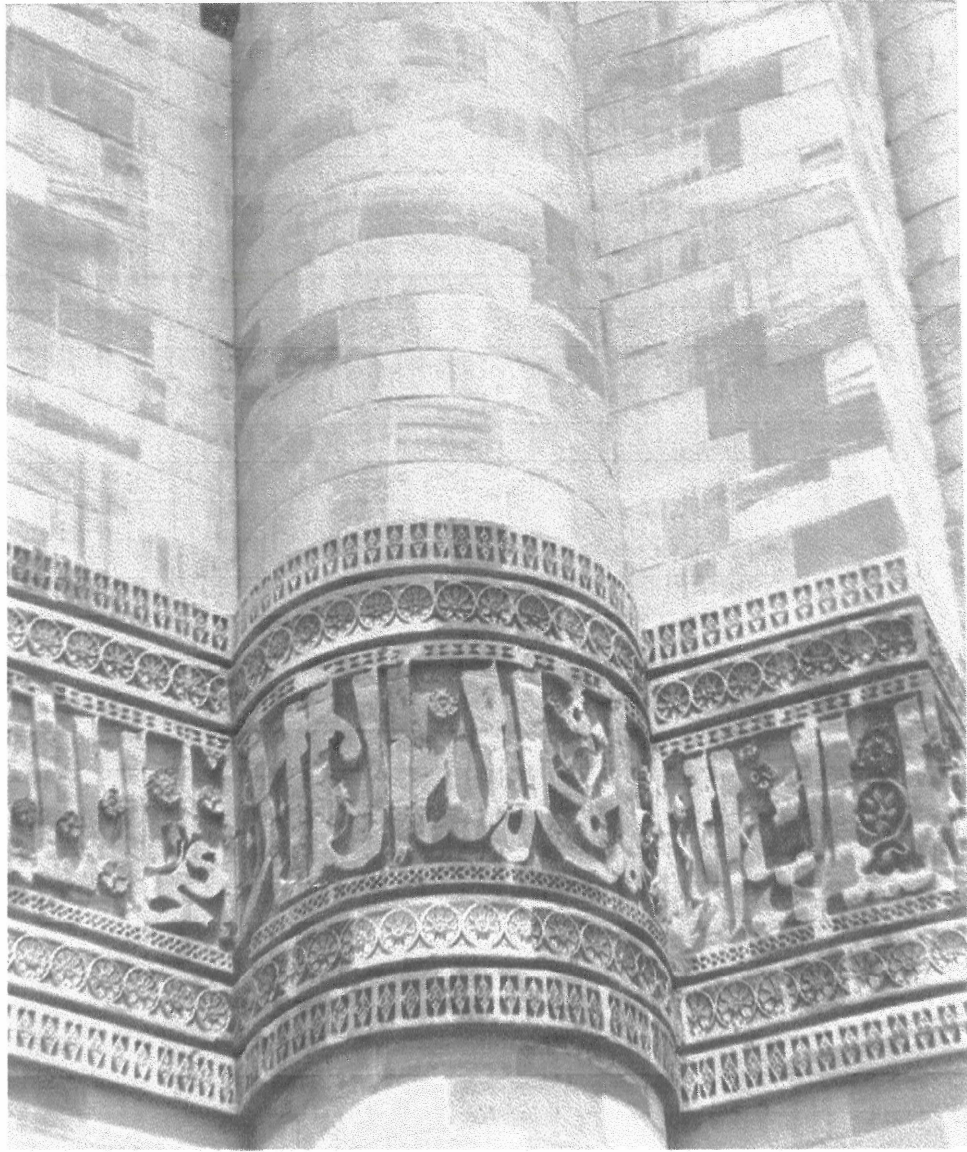
PATHWAY, DURING CONSERVATION



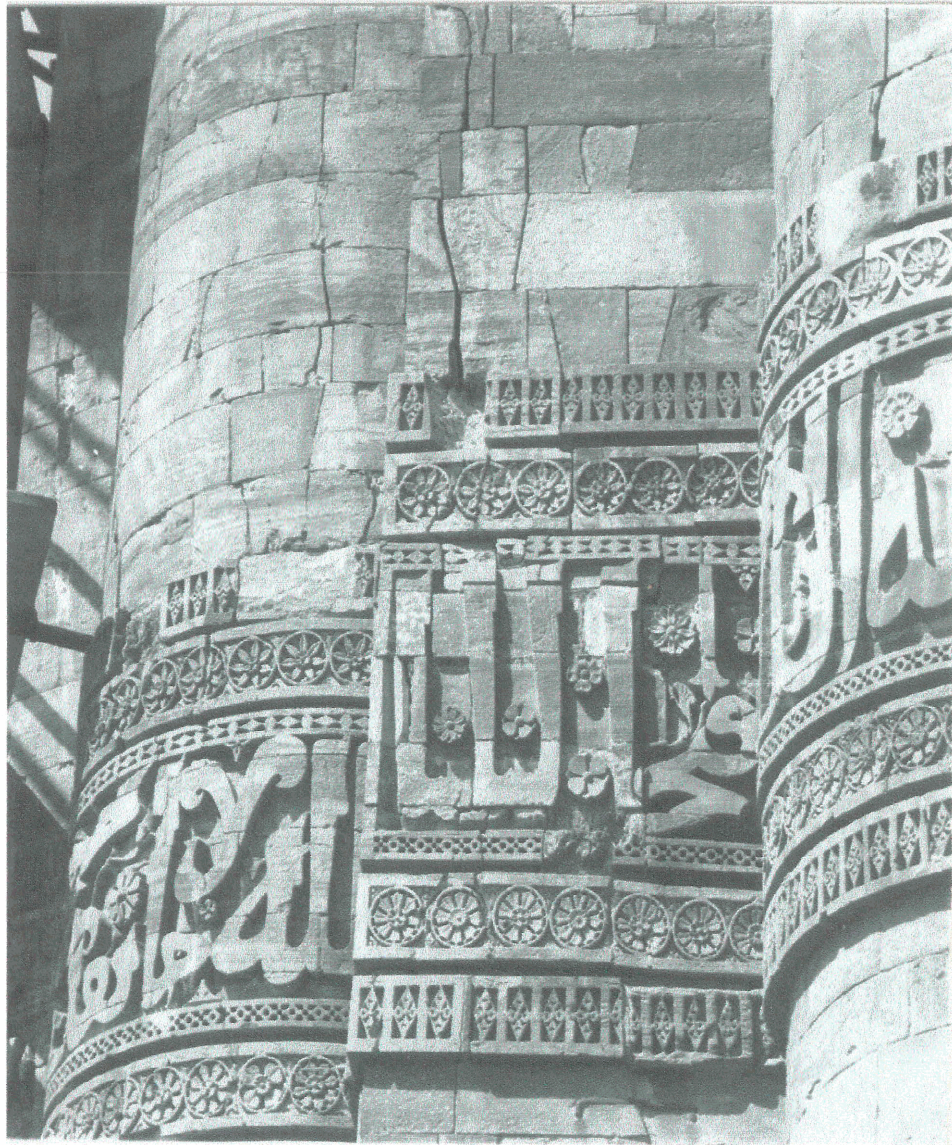
PATHWAY, AFTER CONSERVATION



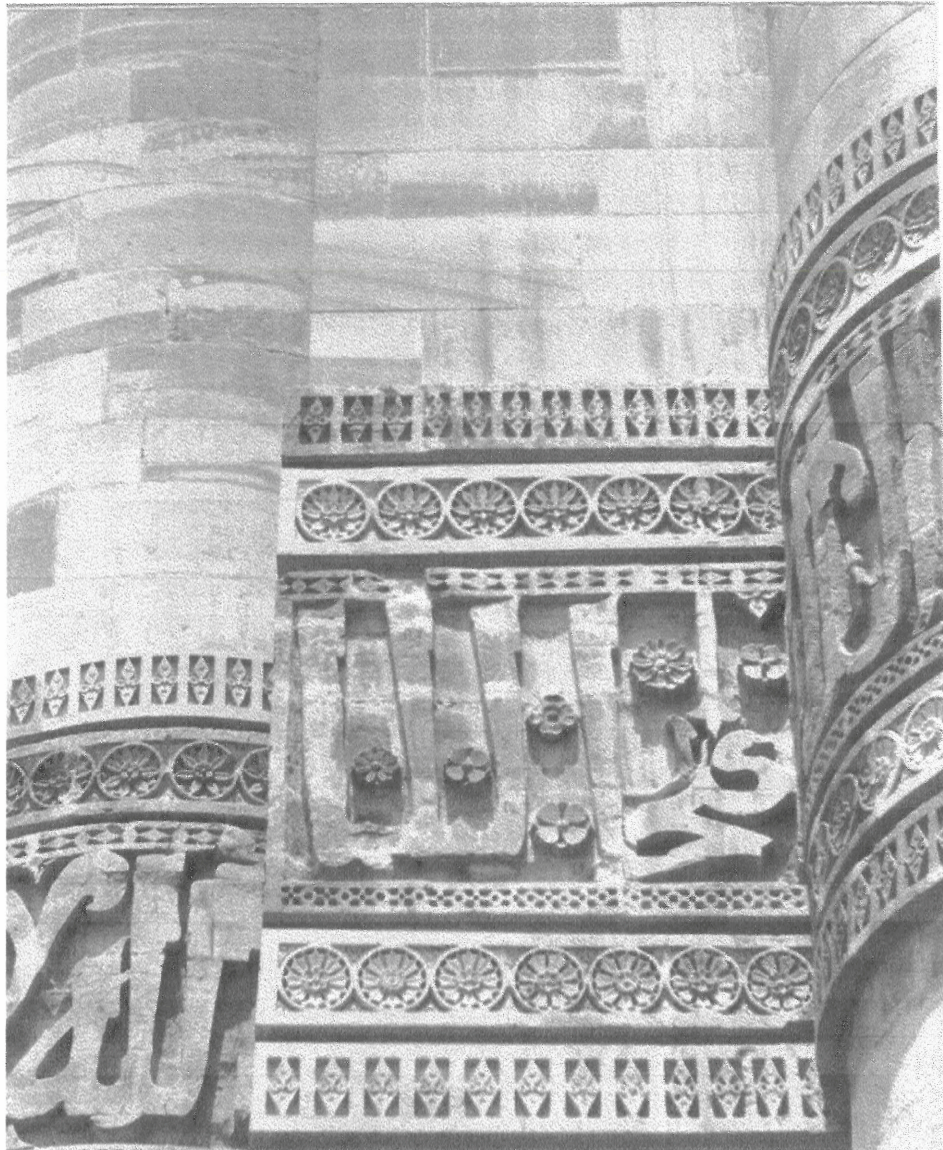
FLUTINGS, BEFORE CONSERVATION



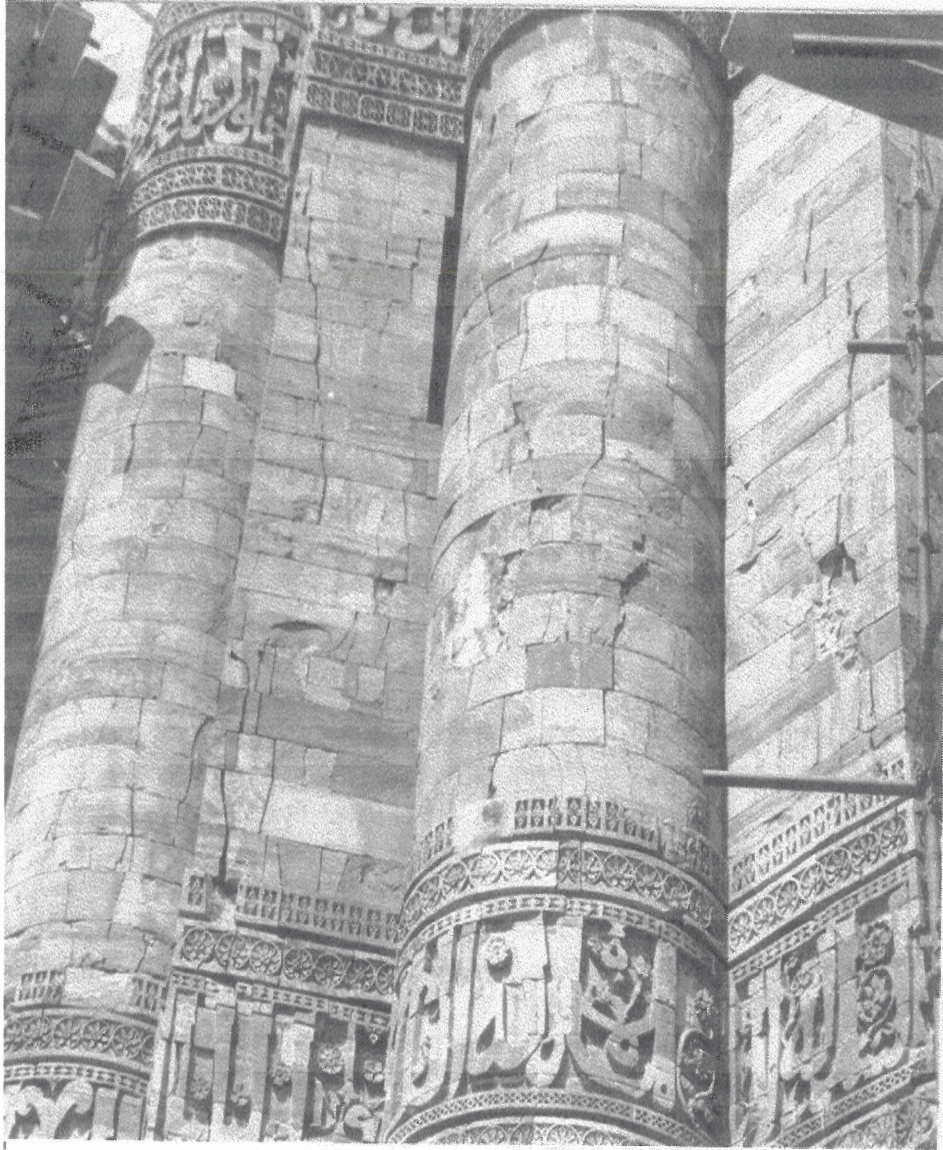
FLUTINGS, AFTER CONSERVATION



FLUTINGS, BEFORE CONSERVATION



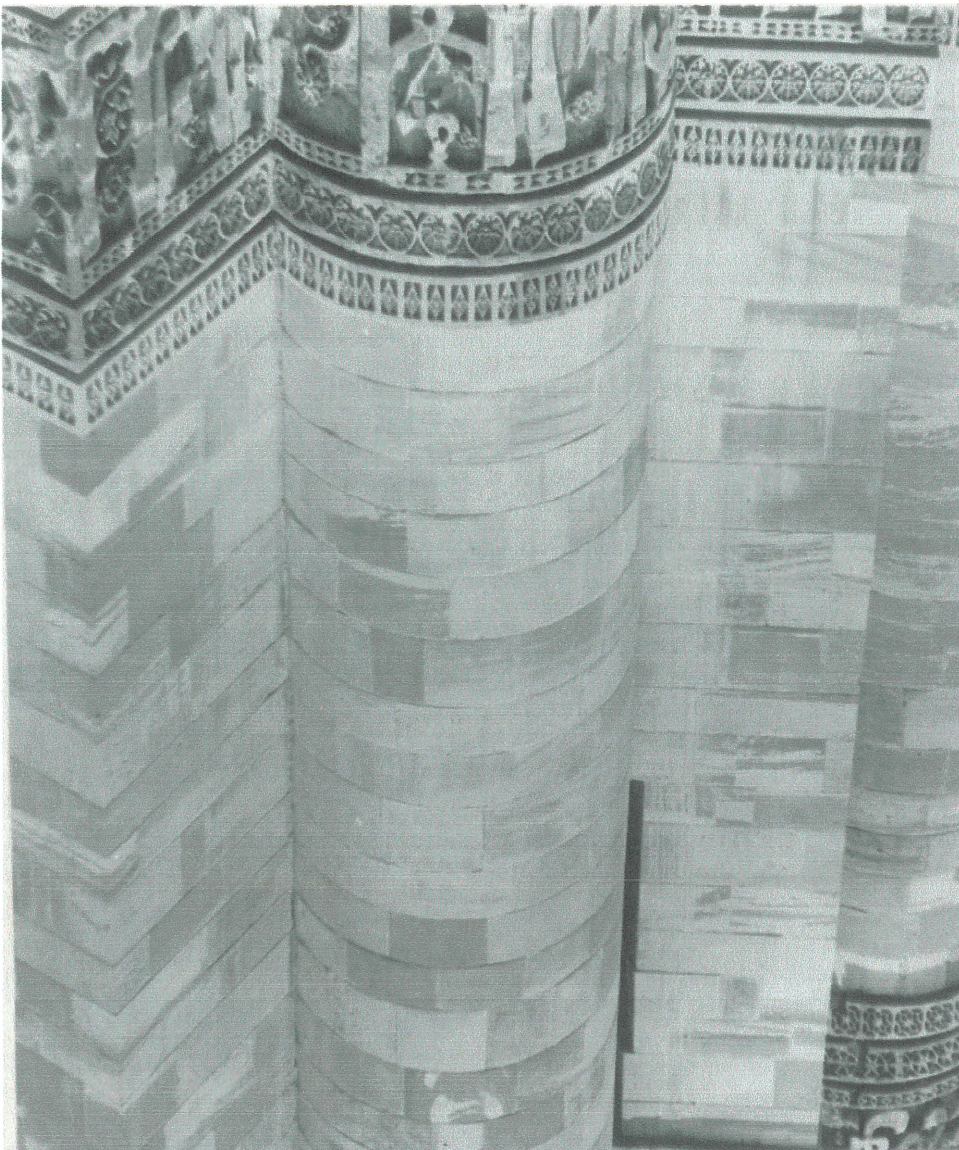
FLUTINGS, AFTER CONSERVATION



FLUTINGS, BEFORE CONSERVATION

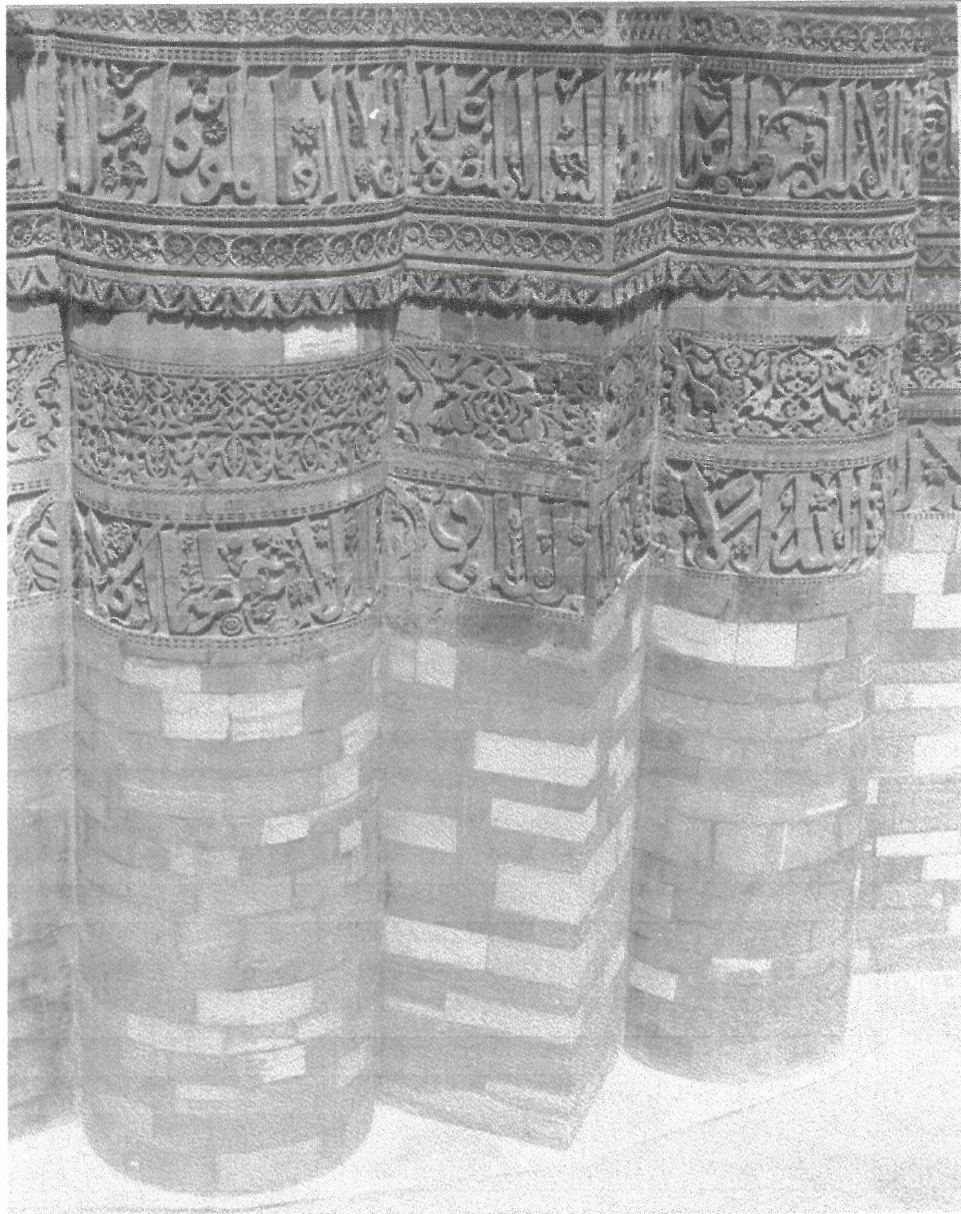


FLUTINGS, AFTER CONSERVATION

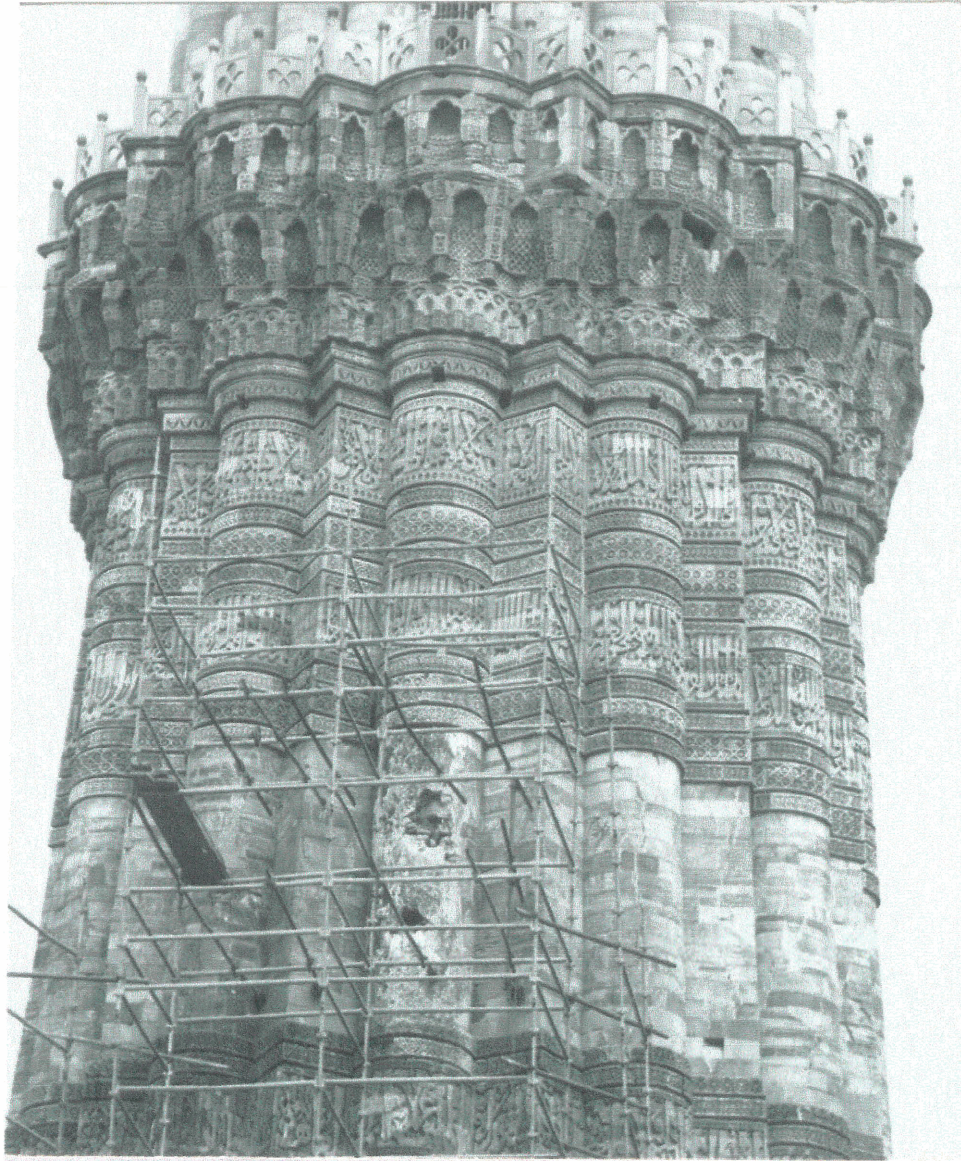




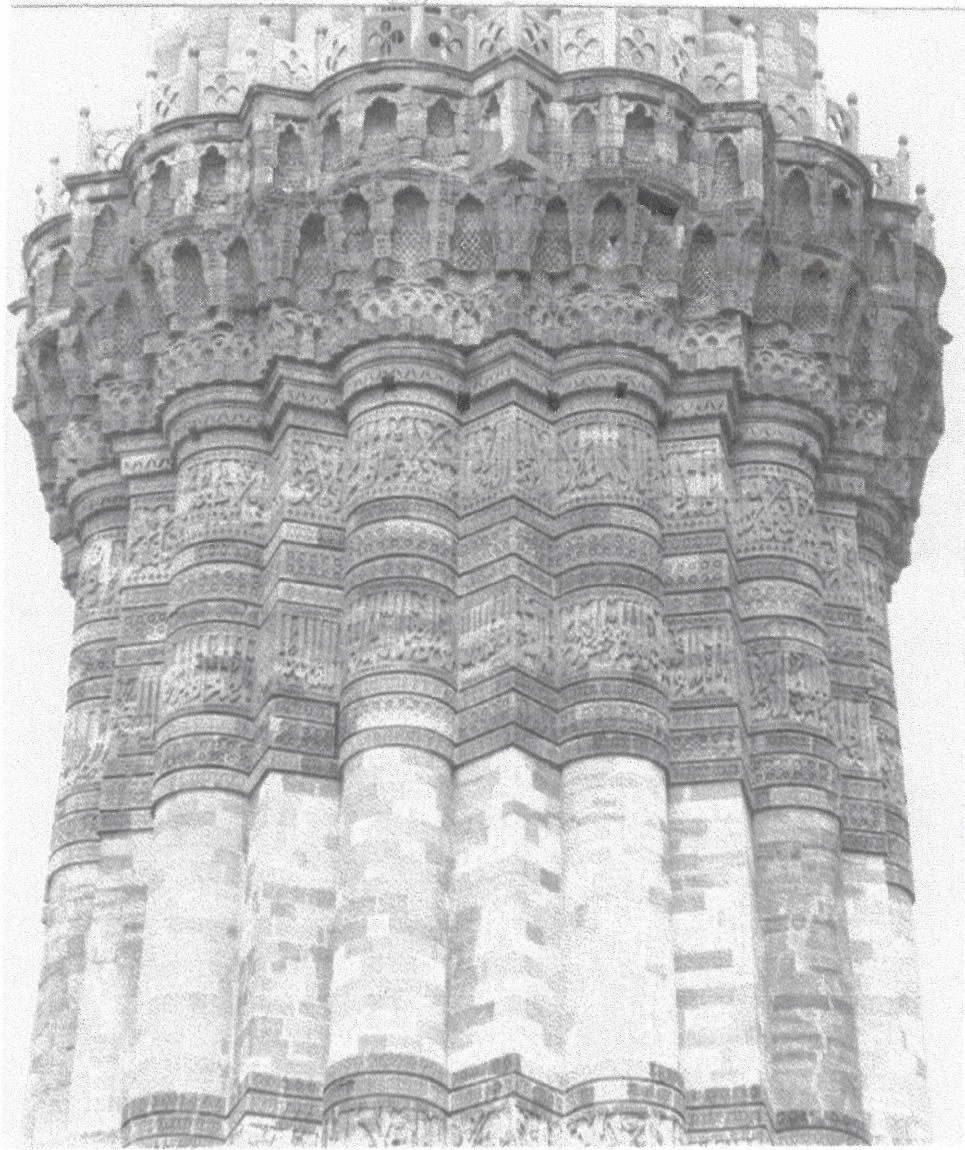
FLUTINGS, BEFORE CONSERVATION



FLUTINGS, AFTER CONSERVATION



FLUTINGS, DURING CONSERVATION



FLUTINGS, AFTER CONSERVATION



FLUTINGS, FLORAL BAND, BEFORE CONSERVATION



FLUTINGS, FLORAL BAND, AFTER CONSERVATION

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**MAIN THREATS TO THE SITE AND ITS  
SURROUNDINGS-ACTION TAKEN BY THE  
ARCHAEOLOGICAL SURVEY OF INDIA.**





SQUATTERS IN THE BUFFER ZONE



ENCROACHMENTS, ILLEGAL CONSTRUCTIONS IN THE BUFFER ZONE



ENCROACHMENTS, ILLEGAL CONSTRUCTIONS IN THE BUFFER ZONE



ENCROACHMENTS, ILLEGAL CONSTRUCTIONS IN THE BUFFER ZONE

**GENERAL VIEWS OF MONUMENTS  
LOCATED IN THE AREA AROUND QUTB  
COMPLEX**



BALBAN'S TOMB



RAJON-KI-BAIN



JAMALI-KAMALI'S TOMB





DECORATED CEILING, JAMALI-KAMALI'S TOMB



**KULI-KHAN'S TOMB**



GANDHAK-KI-BAOLI



JAMALI-KAMALI'S MOSQUE



ENTRANCE, MADHI MOSQUE



ENTRANCE, ZAFFAR MAHAL







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

**SECTION II**

**II.1 Introduction**

a.	Country ( and State Party if different): <b>INDIA</b>	001
b.	Name of World Heritage property: <b>Qutb Minar and its monuments, New Delhi</b> Type of site : <b>Group of Monuments</b>	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 the legally defined national, regional, or international boundaries followed by the site boundaries.</p> <p>That 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><b>Centre point: : Lat 28 ° 31' 25" N Long 77° 11' 10"E</b>  <b>North-west corner: Lat 28 ° 31' 26" N Long 77° 11' 9"E</b>  <b>South-east corner: Lat 28 ° 31' 24" N Long 77° 11' 11" E</b>  <b>Area of Qutb archaeological area: 9.62 Hectare</b>  <b>Area of buffer zone (upto 100 m from monument): 15.87 Hectare</b></p>	003
d.	<p>Give the date of inscription on the World Heritage List and subsequent extension ( if applicable):</p> <p style="text-align: center;"><b>11/12/1993, extension proposal is yet to be submitted.</b></p>	004



	<p>Identify the actions taken as follow-up to these observations and /or decisions:</p> <ol style="list-style-type: none"> <li><b>1.The garden is maintained by the Horticulture Branch of the Archaeological Survey of India and is in a presentable condition.</b></li> <li><b>2.The regular inspection of the monument by the officers of Archaeological Survey of India, alert watch &amp; ward staff has prevented incidence of graffiti on the walls of the monument and efforts are being made to erase those done in the past, mechanically as well as chemically.</b></li> <li><b>3.The activities in 100 m zone from the monument are strictly controlled by the Archaeological Survey of India under the provisions of the Ancient Monument and Archaeological Site and Remains Act, 1958 &amp; Rules 1959. The values of the property since its inscription has been retained meticulously by proper monitoring, conservation and management.</b></li> <li><b>4.The monuments located in the vicinity of Qutb Archaeological Area are properly maintained and these are in good state of preservation.</b></li> </ol>	013
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	<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 what 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> <p><b>Built in the late 12<sup>th</sup> - early 13<sup>th</sup> century, the tower is built of marble, red and buff sandstone, and has alternate angular and semi –circular flutings at its first storey. The upper storeys have either angular or semi-circular flutings or plain surface. The surrounding archaeological area contains funerary buildings like magnificent Alai–Darwaza, a masterpiece of Indio-Islamic architecture, the Quwwatul- Islam mosque, the earliest extant mosque in India built of materials reused from twenty-seven Brahmanical and Jain temples, with an inscribed iron pillar dateable to circa 5<sup>th</sup> cent. AD fixed in the centre of the courtyard, Alaud-din’s College and Tomb and Alai Minar.</b></p>	014
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	<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? YES/NO</p> <p style="text-align: center;"><b>YES</b></p> <p>If YES. Please explain:</p>	015
		016

	<p><b>In close proximity of the property there are a number of ancient monuments like Lal Kot, Qila Rai Pithora, Adham Khan's tomb, Gandhak-ki- Baoli, Rajon –ki- Baoli, Zafar Mahal, Hauz-i- Shamsi, Jahaz Mahal, Balban's Tomb, Jamali-Kamali Mosque and Tomb, Madhi Mosque, etc. All these monuments could be integrated with the property already nominated in the World Heritage List.</b></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: YES /NO</p> <p style="text-align: center;"><b>YES</b></p> <p><b>The 100 meter zone around the property has been declared as prohibited area in which the development is strictly controlled by the Archaeological Survey of India. Even in the area further beyond 200 m development activities require the approval of the Archaeological Survey of India.</b></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 style="text-align: center;"><b>N.A.</b></p>	<p>017</p> <p>018</p>

	<p>Is the State Party actively considering a revision of the property boundaries or the buffer zone? YES/NO</p> <p style="text-align: center;"><b>YES</b></p> <p>If YES, indicate what is being done to that end:</p> <p><b>Extension of the World Heritage site is being proposed as shown on the map enclosed herewith. The list of the monuments located in the extended area are annexed (Annexure –I)</b></p>	<p>019</p> <p>020</p>
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### II.3. Statement of authenticity /integrity

	<p>Have the World Heritage values identified above been maintained since the property's inscription? YES/NO</p> <p style="text-align: center;"><b>YES</b></p> <p>If , NO, Please describe the changes and name the causes:</p> <p style="text-align: center;"><b>N.A.</b></p>	<p>021</p> <p>022</p>
	<p>What was the evaluation of the authenticity/integrity of the property at the time of inscription? (Please quote from the ICOMOS/IUCN evaluation):</p>	<p>023</p>

	<p><b>In view of the damage caused to the Qutb Minar by lightening and earthquakes, coupled with increasing atmospheric pollution in the past half-century, it is not surprising that the minaret should have been the subject of periodical restoration and reconstruction work. The authenticity of many of the existing facing stones is not great in terms of age; however, replacement has been carried out with scrupulous attention to accuracy in techniques, tools and materials, as studied by an ICOMOS expert while the work was in progress. The remaining monuments within the complex do not suffer from the same stresses as the minaret and restoration work on them has been minimal, so that the level of authenticity is high.</b></p>	
	<p>Have there been changes in the authenticity/integrity since inscription</p> <p style="text-align: right;">YES/NO</p> <p style="text-align: center;"><b>NO</b></p> <p>If YES, Please described the changes to the authenticity/integrity and name the main causes?</p> <p style="text-align: center;"><b>N.A.</b></p>	<p>024</p> <p>025</p>
	<p>Are there further changes foreseeable to the authenticity /integrity of the property in the near future?</p> <p style="text-align: right;">YES/NO</p> <p style="text-align: center;"><b>NO</b></p> <p>If, YES, please explain and indicate how these changes might affect the World Heritage values of the property:</p> <p style="text-align: center;"><b>N.A.</b></p>	<p>026</p> <p>027</p>

#### II.4. Management

	<p>How could the arrangements for the protection and the management of the property best be defined (more than one indication possible)?</p> <p style="text-align: center;">Legal                      (√)</p> <p style="text-align: center;">Contractual                ( )</p> <p style="text-align: center;">Traditional                 (√)</p>	<p>028</p>
	<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><b>The values of the property are best preserved as per the provisions laid under the Ancient Monument and Archaeological Site and Remains Act 1958, Rules 1959 &amp; Amendments Rules of 1992, <i>Conservation Manual</i>, by Sir John Marshall and <i>Management Guidelines for World Cultural Heritage Sites</i> by Sir Bernard M.</b></p>	<p>029</p>

	<p><b>Feilden and Jukka Jokilehto and also the administration arrangements. The Delhi Municipal Corporation Act, 1957, the Delhi Development Act, 1957, the India Forest Act, 1927 and the Environment (Protection) Act, 1986 also help in preservation of the values of the monument at the national, provincial and /or municipal level.</b></p> <p>In general terms, can this legislative, contractual and / or traditional protection be considered sufficient? <span style="float: right;">YES/NO</span></p> <p style="text-align: center;"><b>YES</b></p> <p>Please explain:</p> <p><b>The provision of the Ancient Monuments and Archaeological Sites and Remains Act, 1958 and Rules, 1959 and Amendment Rule, 1992 are adequate for protection of the property besides, the protected and buffer area. Coordination with local bodies and law enforcing agencies make the regulation effective.</b></p>	<p>030</p> <p>031</p>
	<p>Provide a list and summaries of laws and regulations concerning cultural and natural properties protection and management (including extracts of relevant articles from the Constitution, Criminal Law, Law/Regulations on Land-use, Environment Law and Forestry Law, amongst other). Please also attach any documentation available concerning these points:</p> <p><b>List of regulations concerning cultural and natural properties protection and management is annexed (Annexure-II).</b></p> <p><b>Summary of Ancient Monuments and Archaeological Sites and Remains Act, 1958, Rules, 1959 and Ammendment Rule, 1992 is annexed (Annexure-III).</b></p>	<p>032</p>
	<p>Describe the administrative and management arrangement that are in place for the property concerned, making special mention of the institutions and organizations that have management authority over the property as well as of the arrangements that are in place for the coordination of their actions:</p> <p><b>The Archaeological Survey of India is the overall authority for administrative and management arrangements for all the monuments within the Qutb Archaeological complex notified as centrally protected.</b></p> <p><b>Delhi Circle of the Archaeological Survey of India headed by Superintending Archaeologist and assisted by Dy. Superintending Archaeologists, Assistant Superintending Archaeologist, Assistant Archaeologists, Dy. Superintending Archaeological Engineer and Assistant Superintending Archaeological Engineer in fact manages the property through the Qutb Sub -Circle headed by Sr. Conservation Assistant. The Horticulture Branch and the Science Branch of the Archaeological Survey of India render necessary assistance in their area of expertise to the Superintending Archaeologist. The Circle and Sub-Circle offices maintain coordination with other Govt. /State Govt. authorities such as Deputy Commissioner (Revenue) , Deputy Commissioner of Police, Vice-Chairman, Delhi Development Authority, Commissioner , Municipal corporation of Delhi, etc. in the management of the area around the property falling in buffer zone.</b></p>	<p>033</p>

	<p>Please indicate under which level of authority the property is managed:  Property <input type="checkbox"/> <b>Qutb Minar and its monuments, New Delhi.</b></p> <p>Regional <input checked="" type="checkbox"/> <b>Delhi Circle of the Archaeological Survey of India headed by Superintending Archaeologist manages the property directly under the overall administrative control of the Director General.</b></p> <p>National <input checked="" type="checkbox"/> <b>Director General, Archaeological Survey of India.</b></p> <p>Other (Please describe) <input type="checkbox"/></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:   <b>A.K. Sinha, Superintending Archaeologist, Delhi Circle, Archaeological Survey of India, Safdarjung Tomb, New Delhi .</b>  <b>Telephone: 91-011- 23017293, 23014186,23018005</b>  <b>Fax: 91-011-23017293</b>  <b>E-mail: <a href="mailto:asi_india@vsnl.net">asi_india@vsnl.net</a></b></p>	034           035
	<p>Is it necessary to revise the administrative and management arrangements for the property?  YES/NO</p> <p style="text-align: center;"><b>NO</b></p> <p>If YES, explain why this is the case:  <b>N.A.</b></p>	036      037
	<p>Is there a management plan for the property?  YES/ NO</p> <p style="text-align: center;"><b>NO</b></p> <p>If YES, please summarize, indicating if the plan is being implemented and since when:  <b>The management plan is under preparation.</b></p>	038      039
	<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> <p><b>The Qutb Archaeological Area &amp; its buffer zone is monitored as per the provisions laid under the Ancient Monument and Archaeological Site and</b></p>	040

	<p><b>Remains Act 1958, Rules 1959 and Amendment Rules, 1992 by the Archaeological Survey of India. Besides above, other organizations such as Delhi Development Authority, Municipal Development Corporation, Police and locals bodies are approached, as per need for maintaining the values of the property. The Church Colony which has come up on the south-west of the complex unauthorizedly on the Govt. land may be relocated elsewhere and the area developed as green. The Archaeological Survey of India has already initiated action to remove the encroachments. The main area which may require legal or administrative actions relates to unauthorized constructions in the prohibited and regulated zones.</b></p>	
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	<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"> <li>• Conservation</li> </ul> <p>Make reference to all major interventions at the property and describe its present state of conservation:</p> <p><b>The Qutb Minar has constantly been the subject of conservation, restoration and maintenance since it was built in the early 13<sup>th</sup> century. In addition to restoration done in the 14<sup>th</sup> century after lightening, it was also repaired between 1805 and 1828, following major earth quake damages in 1803 . In 1920, the facing stones of the Qutb Minar necessitated repairs. Major structural work was also carried out in 1944-49 to deal with similar problems. The foundations were strengthened by grouting in 1971-72. Further work was being carried out since 1989-92 to replace crumbled facing stone blocks after strengthening the core masonry.</b></p> <p><b>As with all the monuments under the care of the Archaeological Survey of India, there is a regular annual monitoring and maintenance programme , combined with programme for special conservation. Regular maintenance and restoration work is a regular feature carried out. The open area around the monument is maintained green by the Horticulture Branch of the Archaeological Survey of India.</b></p> <p><b>The property is in good state of preservation. No interventions have occurred in the integrity and values of the property because conservation works are planned keeping in view the original character of the monument.</b></p>	041
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	<ul style="list-style-type: none"> <li>• Ownership</li> </ul> <p>Make reference to all major in ownership of the property and describe the present state of ownership:</p> <p><b>The ownership of the property rests with the Archaeological Survey of India.</b></p>	042
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	<p>Please, give a detailed description of the staffing of the site:</p> <p><b>Local office: Qutb Sub-Circle</b>  <b>Senior Conservation Assistant</b></p>	043
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	<p><b>Conservation Assistant Gr.II</b>                      <b>1</b></p> <p><b>Foreman</b>    <b>1</b></p> <p><b>Booking Clerks</b>    <b>2</b></p> <p><b>Watch and ward Staff</b>    <b>77</b></p> <p><b>Sweepers</b>    <b>10</b></p> <p><b>Private Security Guards</b>    <b>19</b></p> <p><b><u>Horticulture Staff :</u></b></p> <p><b>Foreman</b>    <b>1</b></p> <p><b>Junior Foreman</b>    <b>5</b></p> <p><b>Garden Attendant</b>    <b>20</b></p> <p><b>Watchman</b>    <b>1</b></p> <p>Is the staffing level sufficient for adequate management of the property?    <b>044</b></p> <p style="text-align: center;"><b>YES</b></p> <p>If NO, what should be done to improve the situation    <b>045</b></p> <p style="text-align: center;"><b>N.A.</b></p>	
	<p>Does the staff need additional training?    YES/NO    <b>046</b></p> <p style="text-align: center;"><b>YES</b></p> <p>If YES, what are the training needs for your staff?    <b>047</b></p> <p><b>Conservation staff, the Archaeologists and technical professionals need to be trained to handle the latest available technologies and their applications in World Heritage monuments. Likewise watch and ward staff should also be given proper training in latest security techniques and how to behave and handle the visitors.</b></p>	
	<p>Describe the funding and financial situation of the property, indication sources, level and regularity of financing:    <b>048</b></p> <p><b>Funds are allocated by the Central Government every financial year (April – March) for the maintenance and conservation of the property.</b></p> <p>Is the available funding sufficient for adequate management of the property?    YES/NO    <b>049</b></p> <p style="text-align: center;"><b>YES</b></p> <p>If NOT, describe the financial resources that would be required for the management of the property:    <b>050</b></p> <p style="text-align: center;"><b>N.A.</b></p>	
	<p>Indicate International Assistance from which the property has benefitted:    <b>051</b></p>	

	<ul style="list-style-type: none"> <li>World Heritage Fund: <b>Nil</b></li> <li><b>Nil</b></li> </ul>	
	<ul style="list-style-type: none"> <li>UNESCO International Campaign: <b>Nil</b></li> <li>National and /or regional projects of UNDP, the World Bank or other agencies: <b>Nil</b></li> <li>Bilateral co-operation: <b>Nil</b></li> <li>Other assistance: <b>Nil</b></li> </ul> <p><b>The Indian Oil Corporation through the National Culture Fund has agreed to provide funds for the integrated development of Qutb Minar Complex.</b></p>	<p>052</p> <p>053</p> <p>054</p> <p>055</p>
	<p>Describe the IT (computer ) equipment of the site and/or management office and assess its effectiveness:</p> <p><b>Remote Presence Facilitation System, a device which transmits the views of the area around taken by cameras fitted on top of Qutb Minar, on the monitors fixed at ground. The visitors may move the cameras through buttons and have the view of their choice with pre-recorded commentary.</b></p> <p>Are you using (multiple indications are possible): <b>NO</b></p> <p>PC (√)</p> <p>Apple ( )</p> <p>Mainframe ( )</p> <p>Please give the number of available computer :</p> <p><b>ONE</b></p> <p>Does an operational access to the internet exist? YES/NO</p> <p><b>NO</b></p>	<p>056</p> <p>057</p> <p>058</p> <p>059</p>
	<p>Is e-mail used for daily correspondence?</p> <p><b>NO</b></p>	<p>YES/NO</p> <p>060</p>
	<p>Is there a Geographical Information System (GIS) for the site?</p>	<p>YES/NO</p> <p>061</p>

	<b>NO</b> If YES, what software do you have and how is the GIS used?	062												
	<b>N.A.</b>													
	List scientific studies and research programmes that have been conducted concerning the site:  <b>Scientific studies are conducted at the site both by the Science branch and the Delhi Circle to monitor the state of monument to initiate effective steps for its preservation and conservation through annual and special repairs. The Indian Institutes of Technology, Kalapakkam Atomic Research Centre, Central Building Research Centre and other reputed organizations are also invited to conduct studies at the monuments as and when need arises.</b>	063												
	Describe financial and human resource inputs for the research programme?  <b>Regular scientific research and studies at the monument are carried out by the experts of the Archaeological Survey of India as part of their annual programme. The Science and Conservation Branches of the Archaeological Survey of India do have adequate budget allocation to finance the research works. The human resource is available within the Archaeological Survey of India.</b>	064												
	Describe how the information/results are disseminated?  <b>The results of the researches conducted by the scientists and structural engineers are made available to the authorities responsible for the conservation of the monument regularly to ensure proper vigil on the state of health of the monument. The results and observations of the scientific research are published in the annual bulletin of the Archaeological Survey of India i.e. <i>Indian Archaeology - A Review</i> and reputed journals and magazines.</b>	065												
	Are there any visitor statistics for the site? <span style="float: right;">YES/NO</span>	066												
	<b>YES</b>													
	If YES, please summarise the statistics and attach to this report:  <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Period</th> <th style="text-align: center;">No. of Visitors</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1998-99</td> <td style="text-align: center;">1598036</td> </tr> <tr> <td style="text-align: center;">1999-2000</td> <td style="text-align: center;">1633975</td> </tr> <tr> <td style="text-align: center;">2000-2001</td> <td style="text-align: center;">1839054</td> </tr> <tr> <td style="text-align: center;">2001-2002</td> <td style="text-align: center;">1660909</td> </tr> <tr> <td style="text-align: center;">April –Nov. -2002</td> <td style="text-align: center;">982645</td> </tr> </tbody> </table>	Period	No. of Visitors	1998-99	1598036	1999-2000	1633975	2000-2001	1839054	2001-2002	1660909	April –Nov. -2002	982645	067
Period	No. of Visitors													
1998-99	1598036													
1999-2000	1633975													
2000-2001	1839054													
2001-2002	1660909													
April –Nov. -2002	982645													
	What visitor facilities do you have at the property?	068												

	<ul style="list-style-type: none"> <li>-Bus and Car parking on the north and east of the site which is adequate for the present number of visitors</li> <li>-Admission Ticket counter</li> <li>-Counter for the sale of Archaeological Survey of India publications, maps and picture postcards, etc.</li> <li>-Drinking water</li> <li>-Toilet facilities for men and women</li> <li>-Interpretative signage consisting of a map of the entire site carved on sandstone slab, a World Heritage site brass plaque and incised sandstone plaques with brief description, located in front of each of the major monuments</li> <li>-Provision of well-designed sandstone benches along the visitors path</li> <li>-Waste bins</li> </ul>	
	<p>What visitor facilities are you in need of?</p> <ul style="list-style-type: none"> <li>-Site Interpretation Centre and museum</li> <li>-Signages</li> <li>-Cafeteria</li> <li>-Visitors movement plan</li> <li>-Upgradation of existing public conveniences</li> <li>- Resting place for the visitors</li> <li>- Organized Car Parking</li> </ul>	069
	<p>Is a public use plan (tourism/visitor management plan) in existence for the property? YES/NO</p> <p style="text-align: center;"><b>NO</b></p>	070
	<p>If YES, Please summarize, if NO explain if one is needed:</p> <p style="text-align: center;"><b>The proposal for preparation of the visitor movement plan has been finalized.</b></p>	071
	<p>Indicate how the property's World Heritage values are communicated to residents, visitors and the public (please attach examples of leaflets, videos, posters etc. and print-outs and /or the address of a web-page):</p> <p><b>The site has a brass plaque installed at a prominent locations indicating that it is a World Heritage Monument. World Heritage values are communicated by organizing cultural programmes and by distributing free of cost brochures in Hindi and English on the World Heritage monuments in India to the visitors. The Archaeological Survey of India also celebrates World Heritage Day (18, April) and World Heritage Week (19-25 Nov.) every year at the monument and organizes special exhibitions, awareness programmes, special lectures, etc. for school and college students. Heritage walks and guided visits are also organized.</b></p>	072
	<p>Are the educational programmes concerning the property aimed at schools? YES/NO</p>	073

	<p style="text-align: center;"><b>YES</b></p> <p>If yes, please describe”:</p> <p><b>On the World Heritage Day (18<sup>th</sup> April) and the World Heritage Week (19-25<sup>th</sup> November) every year exhibitions are mounted at the monument. Brochures describing in brief the World Heritage monuments in India are distributed to the visitors. Beside contact programmes for school &amp; college students are organized. On the World Heritage Day and 19<sup>th</sup> November of every year i.e. the first day of the World Heritage Week, the entry to the monument remains free.</b></p> <p><b>Conducted tours of the school children are organized regularly and the groups are taken around the monument under the guidance of an expert having knowledge on architecture, archaeology, conservation and management of the World Heritage monument . The students are informed the cultural value of the monument and also the way Archaeological Survey of India conserves and maintains the monuments maintaining its original character and value. Even the archaeologists and experts on conservation give lectures to the college and school students on special invitation.</b></p>	074
	<p>What role does World Heritage inscription play for the site concerning the visitor number, the research programmes and/or the awareness building activities?</p> <p><b>It creates curiosity among the visitors and research scholars to analyze values of the World Heritage Monuments viz-a-viz other monuments and ignites spark to know more about the World Heritage sites and monuments, in the world. The inscription makes the monument popular at national and international levels amongst the visitors.</b></p>	075

11.5 Factors affecting the property

	<p>Please comment on the degree to which the property is threatened by particular problems and risks, such as development pressures, environmental pressure, natural disasters and preparedness, visitor/ tourism pressure, number of inhabitants. Also mention all other issues that you see as problematic</p> <p><b>a. <u>Development Pressures:</u> The impact of commercialization/ urbanization is reflected in the form of constructions in the buffer zone. But effective steps by the Archaeological Survey of India as per the provisions laid under Ancient Monument and Archaeological Site and Remains Act, 1958, Rules, 1959 and Amendment Rules, 1992 have yielded positive results and development activities are under total check since 1992.</b></p> <p><b>b. <u>Environmental Pressures:</u> The vehicular pollution darkens the stone surface of the monuments. The pollution level, however, has reduced considerably after introduction of Compressed Natural Gas driven vehicles in Delhi since 2002.</b></p>	076
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	<p>c. <b><u>Natural disaster and preparedness:</u></b> Lightening conductors have been provided at the monuments. There is no threat from floods and fire at the site.</p> <p>d. <b><u>Visitor/ tourist pressure:</u></b> Although a large number of visitors visit the Qutb complex every day but the area of the site is large enough to accommodate them.</p> <p>e. <b><u>No. of Inhabitants within site/buffer zone:</u></b> There is no problem of inhabitants in the protected area. There are some encroachments within the buffer zone but as a result of the effective steps taken by the Archaeological Survey of India the situation is under control since 1992.</p>	
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	<p>Is there an emergency plan and/ or risk preparedness plan for the property in existence? YES/NO</p> <p style="text-align: center;"><b>NO</b></p> <p>If YES, please summarise the plan and provide a copy:</p> <p style="text-align: center;"><b>N.A.</b></p> <p>If NO, describe what is being done- and by whom to counteract the dangers the threaten or may threaten the property:</p> <p><b>Although there is no such eminent threat but in case of emergency the Archaeological Survey of India with the help of other Government agencies is capable to attend the threat.</b></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><b>-Training of the staff at World Heritage Site on risk preparedness</b>  <b>-More coordination with other organizations and locals to control the development activities in the buffer zone.</b>  <b>The Archaeological Survey of India is working on these aspects and the efforts made have helped to contain development pressure to a great extent.</b>  <b>Educational awareness of masses is enhanced through contact programmes with school /college students and local inhabitants.</b></p>	<p>080</p>
	<p>Give an indication if the impact of the factors affecting the property is increasing or decreasing:</p> <p><b>Due to effective measures undertaken by the Archaeological Survey of India the impact of factors affecting the property is under control .</b></p>	<p>081</p>

	<p>What actions have been effectively taken, or are planned for the future to address the factors affecting the property?</p> <p><b>-Frequent in-house training of the staff at World Heritage Site</b>  <b>-Better coordination with other organizations and locals to control the development activities in the buffer zone.</b>  <b>The Archaeological Survey of India is working on these aspects and it has helped to contain development pressure to a great extent. Educational awareness of masses has enhanced through contact programmes with school / college students and locals.</b></p>	082

#### 11.6 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><b>Regular inspections of the monument by the officers of the Delhi Circle are undertaken to monitor state of conservation and administrative arrangements. These monitoring exercises are recorded in the form of inspection notes and conservation works and management policies are planned accordingly. The works are properly documented and recorded.</b></p>	083
	<p>Is there a formal monitoring system established for the site? YES/NO</p> <p style="text-align: center;"><b>YES</b></p>	084
	<p>If YES, please give details of its organization:</p> <p><b>The Archaeological Survey of India monitors the property at various level:</b>  <b>(a) Local level i.e. Sub-Circle Qutb Minar (monthly)</b>  <b>(b) Circle level i.e. Superintending Archaeologist and his officers (Quarterly.)</b>  <b>(c) Directorate General level (Annually).</b></p>	085
	<p>If not already in place, is the establishment of formal monitoring system planned? YES/NO</p> <p style="text-align: center;"><b>N.A.</b></p>	086
	<p>If YES, please outline the functioning of that system, taking into consideration the key indicators you will be asked to define below (see 089/090)</p> <p style="text-align: center;"><b>N.A.</b></p>	087
	<p>Are there any indicators established for monitoring the state of conservation of the property? YES/NO</p>	088

	<p style="text-align: center;"><b>NO</b></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 style="text-align: center;"><b>N.A.</b></p>	089
	<p>If NO, indicators have been identified and/or used so far, please define key indicators for future use in monitoring:</p> <p style="text-align: center;"><b>Nil</b></p>	090

	<p>Indicate which partners, if any , are involved or will be involved in the regular monitoring exercise:</p> <p><b>Monitoring of the property in respect of conservation and management is looked after by the Archaeological Survey of India only. But for the maintenance of core zone/ buffer zone the Archaeological Survey of India involves reputed science laboratories/organizations, periodically.</b></p>	091
	<p>Identify the administrative provisions for organizing the regular monitoring of the property:</p> <p><b>Regular inspections by the Superintending Archaeologist, Deputy Superintending Archaeologists, Deputy Superintending Archaeological Engineer, Assistant Superintending Archaeological Engineer, Assistant Archaeologists, Senior Conservation Assistants, Conservation Assistants besides the officers from the Directorate General do the monitoring of the property at various administrative levels to assess the conservation and maintenance requirements of the site and also evaluate the conservation works during the process and even after.</b></p>	092
	<p>Describe what improvement the State Party foresees or would consider desirable in improving the monitoring system:</p> <p><b>The existing arrangement is adequate.</b></p>	093
	<p>In specific cases, the World Heritage Committee and /or its Bureau may have already examined the state of conservation of the property and made recommendations to the State Party, either at the time of inscription or afterwards. In such cases the State Party is requested to report on the actions that have been taken in response to the observation or decisions made by the Bureau or committee. Give details, if applicable:</p>	094



	<p>In view of the damage caused to the Qutb Minar by lightening and earthquakes, coupled with increasing atmospheric pollution in the past half-century, it is not surprising that the minaret should have been the subject of periodical restoration and reconstruction work. The authenticity of many of the existing facing stones is not great in terms of age; however, replacement has been carried out with scrupulous attention to accuracy in techniques, tools and materials, as studied by an ICOMOS expert while the work was in progress. The remaining monuments within the complex do not suffer from the same stresses as the minaret and restoration work on them has been minimal, so that the level of authenticity is high.</p> <p>The garden is maintained by the Horticulture Branch of the Archaeological Survey of India and is in a presentable condition. The regular inspection of the monument by the officers of Archaeological Survey of India, alert watch &amp; ward staff has prevented incidence of graffiti on the walls of the monument and efforts are being made to erase those done in the past, mechanically as well as chemically. The values of the property since its inscription has been retained meticulously by proper monitoring, conservation and management. The monuments located in the vicinity of Qutb Archaeological Area are properly maintained and these are in good state of preservation.</p>	
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II.7. Conclusions and recommended actions

	<p>Please summarize the main conclusions regarding the state of the World heritage values of the property (see items II.2. and II.3. above):</p> <p><b>The value on the basis of which property was inscribed is intact.</b></p>	095
	<p>Please summarize the main conclusions regarding the management and factors affecting the property (see items II.4. and II. 5. Above):</p> <p><b>Property is well managed, protected and preserved by the Archaeological Survey of India, by implementing provisions of the existing legal arrangements. Although the development, environmental pressures, etc, do exist at the site but effective monitoring and timely action by the Archaeological Survey of India have put the situation under control.</b></p>	096
	<p>Give an overview over proposed future action/actions:</p> <p><b>Perspective plan for the conservation works to be carried out during the ninth five years plan (2002-07) has already been prepared. The management plan, conservation plan, integrated development plan and visitors movement plan are being prepared.</b></p>	097
	<p>Name the agency responsible for implementation of these actions ( if different from 005):</p>	098

	<b>Archaeological Survey of India.</b>	
	Give a timeframe for the implementation of the actions described above: <b>March, 2004.</b>	099
	Indicate for which of the planned activities International Assistance from the World Heritage Fund may be needed ( if any):  <b>Training to the officials at the monument in periodic assessment of the structural stability, Geographic Information System, management, application of information technology in various areas is needed.</b>	100
	Are there any contacts with management units of other properties within outside your country?  <b>NO</b>	101 YES/NO
	If YES, please explain:  <b>N.A.</b>	102
	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:  <b>In general the problems are site specific but the experience gained in the field of management , conservation etc, while preparing periodic reports may be shared with other state parties.</b>	103
	Provide the name(s) and address (es) of organization (s) or specialist (s) who could be contacted for this purpose:  Agency/organization: <b>Archaeological Survey of India , Delhi Circle , Safdarjung Tomb, New Delhi-3</b>  Person responsible: <b>Superintending Archaeologist, Delhi Circle</b> Address: <b>Archaeological Survey of India , Delhi Circle , Safdarjung Tomb, New Delhi-3</b> City and post code: <b>110003</b> Telephone: <b>011- 23017293, 23014186,23018005</b> Fax: <b>011-23017293</b> E-mail: <b>asi_india@vsnl.net</b>	104

11.8. Assessment of the Periodic Reporting 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 style="text-align: center;"><b>YES</b></p>	105
	<p>Was the questionnaire clear and did it help to comply with the reporting requirements of the State Party?</p> <p><b>The questionnaire could have been simpler and supported by notes mentioning the kind and purpose of information required.</b></p>	106
	<p>What are the perceived benefits and lessons learnt of the exercise?</p> <p><b>It helped to have effective monitoring of the property, in tackling different types of problems through planned programmes. It equipped the managers to deal with the problems more effectively. Infact, it was a self-appraisal exercise which may go a long way in preserving the values of the property.</b></p>	107
	<p>Please describe the expected outcome of the Periodic Reporting exercise and the desired follow-up by the World heritage committee:</p> <ul style="list-style-type: none"> <li>- <b>It is expected that the World Heritage Committee will take up necessary action to provide suitable guidelines/expertise to overcome deficiencies, if any, in the existing system.</b></li> <li>- <b>Extend necessary help and expertise in preparation of Management Plan, Conservation Plan, Visitor Movement Plan, Overall upgradation plan for tourist facilities at the monument.</b></li> <li>- <b>Make available books, monographs, articles, guidelines, and other relevant published material to the site managers.</b></li> <li>- <b>Arrange training for the site managers, conservationists and scientists in the field of proper documentation, analyses of structural problems, use of sophisticated equipments and their applicability in day-to-day work.</b></li> <li>- <b>Setting up the site interpretation center and museums using latest information technology in creating virtual reality, walk through, and dissemination of knowledge to common visitors in a most interesting manner.</b></li> <li>- <b>Organizing visits of site mangers and conservationists to the World Heritage Monuments and sites outside India for proper interaction.</b></li> </ul>	108

## 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 details of the property itself (see question 033 for specifications)  
Delhi Guide Map
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. (√) Photo 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

Annexure- I List of monuments located in the area around Qutb Complex.

Annexure-II List of regulations concerning cultural and natural properties protection and management.

Annexure-III Summary of Ancient Monuments and Archaeological Sites and Remains Act, 1958 and Rules, 1959 and Ammendment Rule, 1992

## INDICATIVE BIBLIOGRAPHY

1. Archaeological Survey of India. **Qutb Minar and Adjoining Monuments** (World Heritage Series). New Delhi, 2002
2. Page, J.A. **An Historical Memoir on the Qutb** (Memoris of the Archaeological Survey of India No.22). Calcutta, 1926
3. Sharma, Y.D. **Delhi and its Neighbourhood**. New Delhi, Archaeological Survey of India, 2001 (Reprint)
4. Zafar Hassan. **List of Muhammadan and Hindu Monuments**, Vol III. Calcutta, Superintendent, Government Printing, 1923

## ANNEXURE-I

### LIST OF MONUMENTS LOCATED IN CLOSE VICINITY OF QUTB ARCHAEOLOGICAL AREA:

1. Jamali –Kamali mosque and tomb
2. Madhi-Mosque
3. Balban’s Tomb
4. Rajon-ki-bain (stepped well)
5. Wall of Lal Kot
6. Wall of Qila Rai Pithora
7. Zafar-mahal
8. Gandak-ki-baoli (stepped well)
9. Quli Khan’s tomb (yet to be protected)

The above monuments are protected as of national importance and are conserved and managed by the Archaeological Survey of India. All of them are located within the area being proposed for extension of the Qutb Minar and its monuments– a World Heritage Monument.

## **ANNEXURE -II**

### **LIST OF REGULATIONS CONCERNING CULTURAL AND NATURAL PROPERTIES PROTECTION AND MANAGEMENT:**

1. Ancient Monuments and Archaeological Sites and Remains Act, 1958, Rules, 1959 and Ammendment Rules, 1992.
2. The Delhi Municipal Corporation Act, 1957.
3. The Delhi Development Act, 1957.
4. The Indian Forest Act, 1927.
5. The Environment (Protection) Act, 1986.