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A CRITICAL STUDY OF THE
ARCHAEOLOGY OF THE JAWF REGION
OF SAUDI ARABIA WITH ADDITIONAL
MATERIAL ON ITS HISTORY AND
EARLY ARABIC EPIGRAPHY

by

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Thesis submitted to the
Faculty of Arts in the University
of Durham

For the Degree of Doctor of Philosophy

Graduate Society

November, 1988



- 6 JUL 1989

PLATE I



A. A group of stone pillars, al-Rajājil site



B. A group of stone pillars showing their original position, al-Rajājil site



PLATE II



A. Two stone pillars, al-Rajājīl site

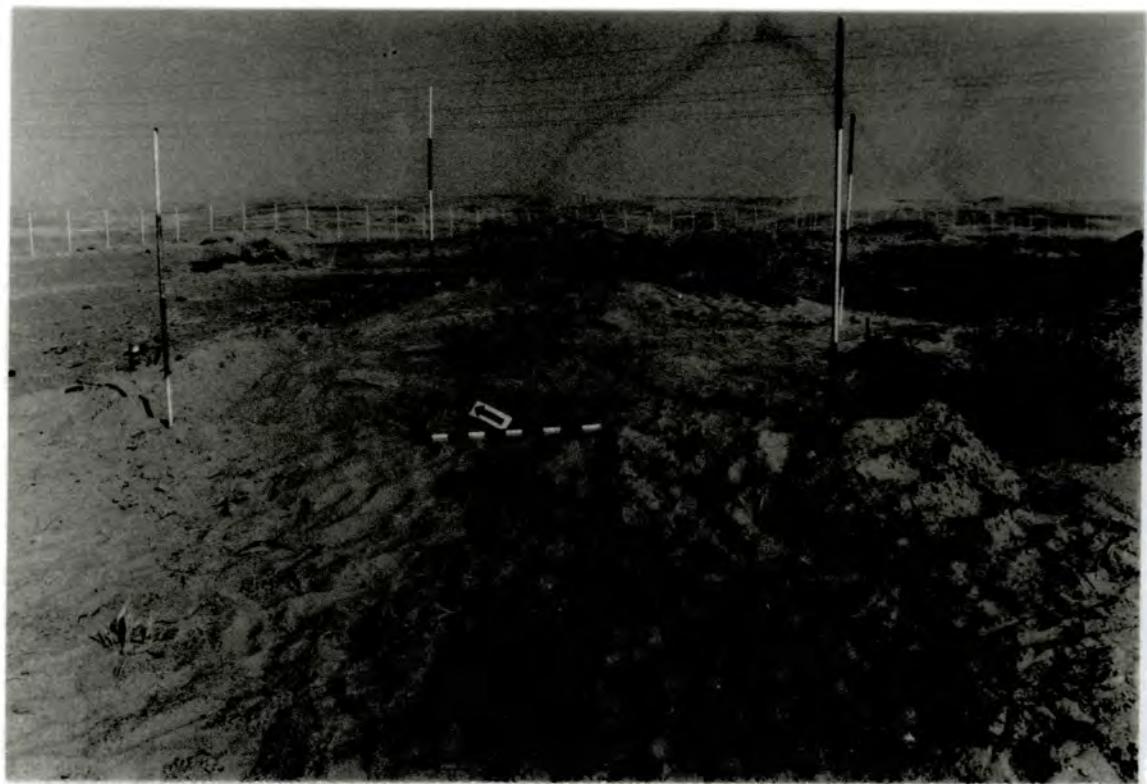


B. Two stone pillars showing the original height, al-Rajājīl site

PLATE III



A. Stone structure, al-Rajājīl site



B. General view of trench no. 1 at al-Tuwayr
site before excavating

PLATE IV



A. Trench no. 1, al-Tuwayr site, the N part of the trench
showing walls nos. 1, 2 and 3



B. Trench no. 1, al-Tuwayr site, the S part of the trench,
the sealed entrance can be noticed

PLATE V



A. General view of trench no. 1, al-Tuwayr site,
after excavation



B. Trench no. 1, al-Tuwayr site, the W and N sections
of walls nos. 1 and 2

PLATE VI



A. A restored bowl discovered at trench no. 1,
al-Tuwayr site

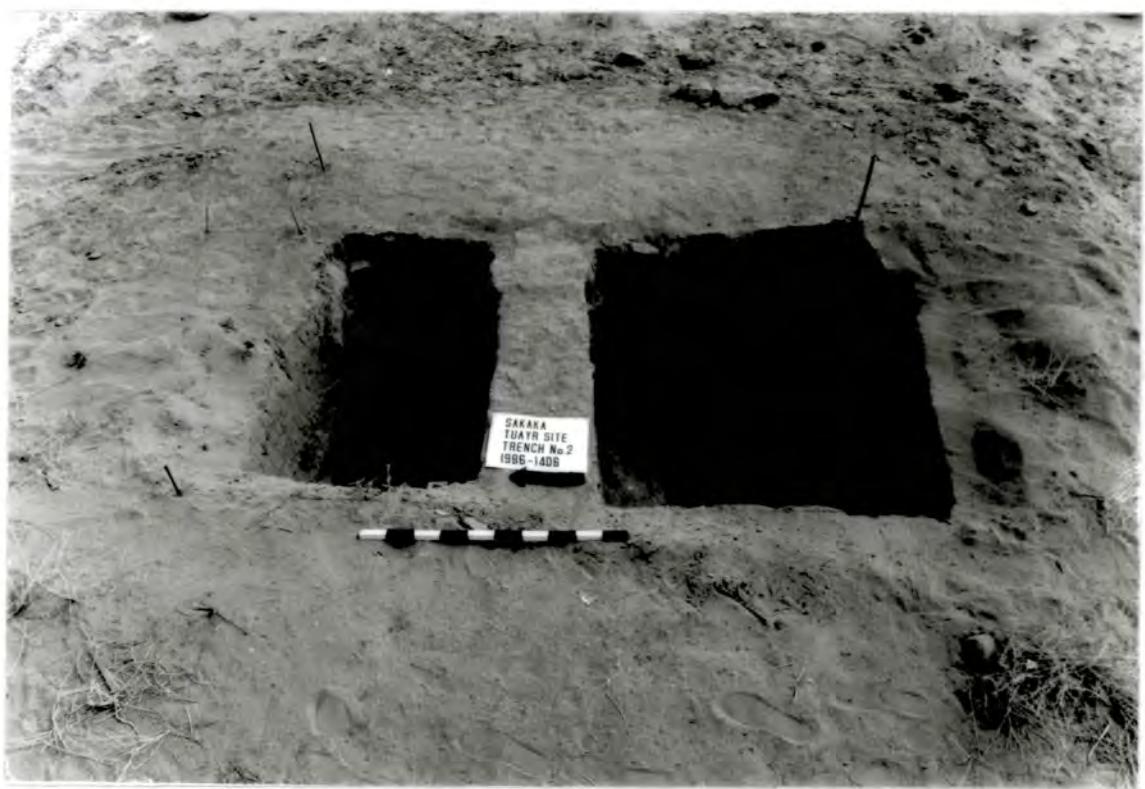


B. General view of trench no. 2, al-Tuwayr site,
prior to excavation

PLATE VII



A. Trench no. 2, al-Tuwayr site, following the excavation of the top 10 cm. and showing a mud brick wall dividing the trench



B. General view of trench no. 2, al-Tuwayr site, after excavation

PLATE VIII

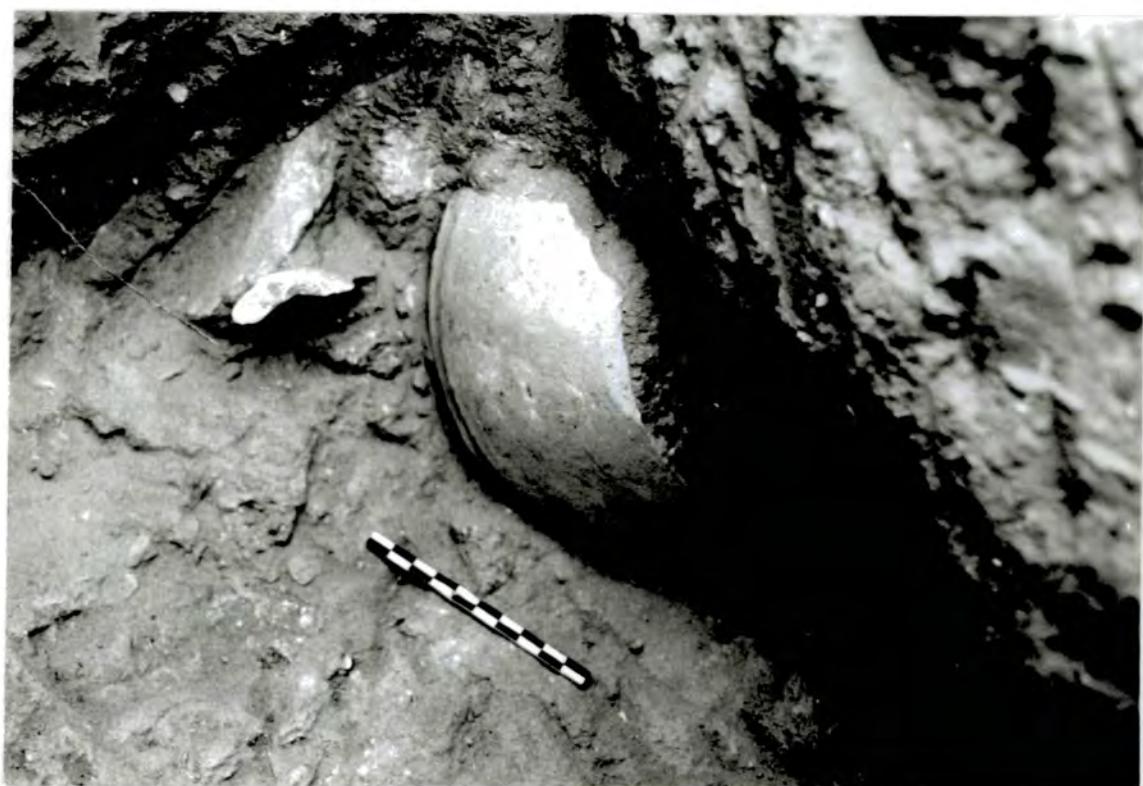


A. General view of trench no. 2, al-Tuwayr site, after excavation, showing the two building phases



B. Fragments of a cooking pot in situ, discovered at trench no. 2, al-Tuwayr site

PLATE IX



A. A fragment of plate in situ, discovered at trench no. 2, al-Tuwayr site



B. A restored bowl discovered at trench no. 2, al-Tuwayr site

PLATE X

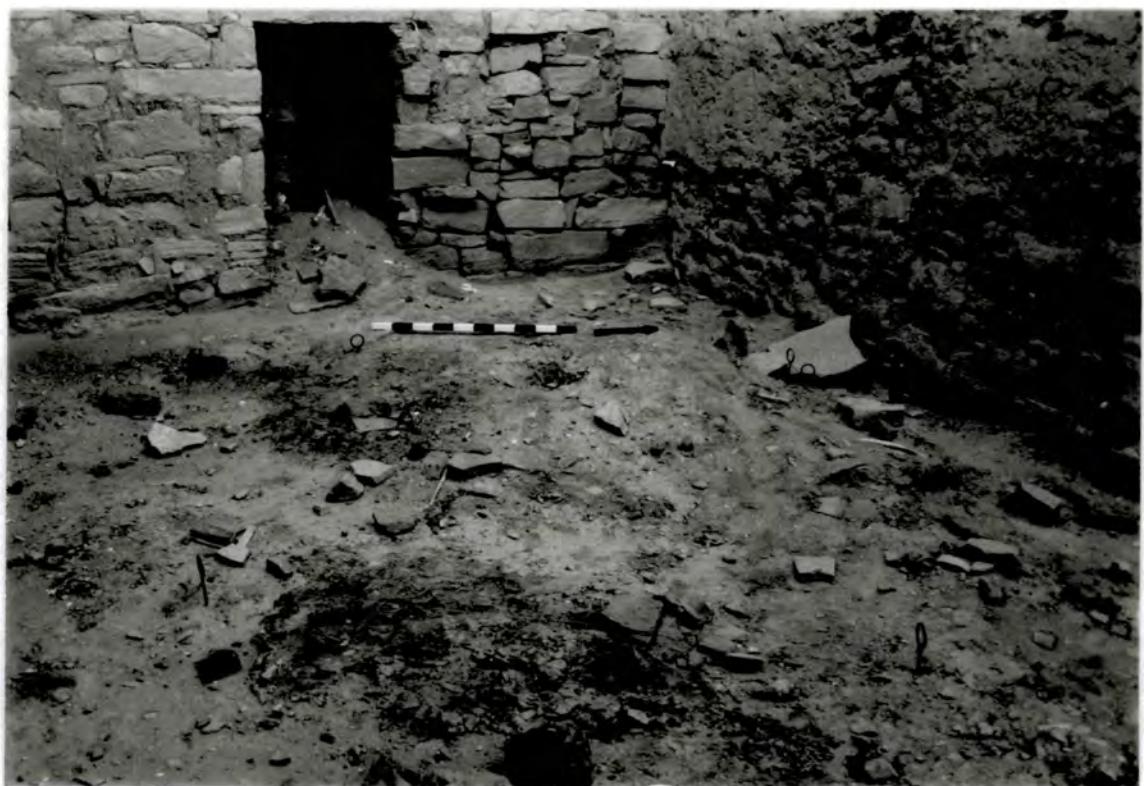


A. A fragment of shallow bowl discovered at trench no. 2,
al-Tuwayr site



B. A fragment of incense burner discovered at
trench no. 2, al-Tuwayr site

PLATE XI



A. View of trench no. 1, Dūmat al-Jandal, prior to excavation



B. Trench no. 1, Dūmat al-Jandal, after excavating to the depth of 100cm., showing a water channel and associated floor

PLATE XII



A. A view of trench no. 1, Dūmat al-Jandal



B. The N part of trench no. 1, Dūmat al-Jandal, showing the water channel and the N mosaic floor

PLATE XIII



A. Trench no. 1, Dūmat al-Jandal, a view of the mosaic floor
at the S part of the trench



B. Trench no. 1, Dūmat al-Jandal, a view of the mosaic floor
at the N part of the trench

PLATE XIV

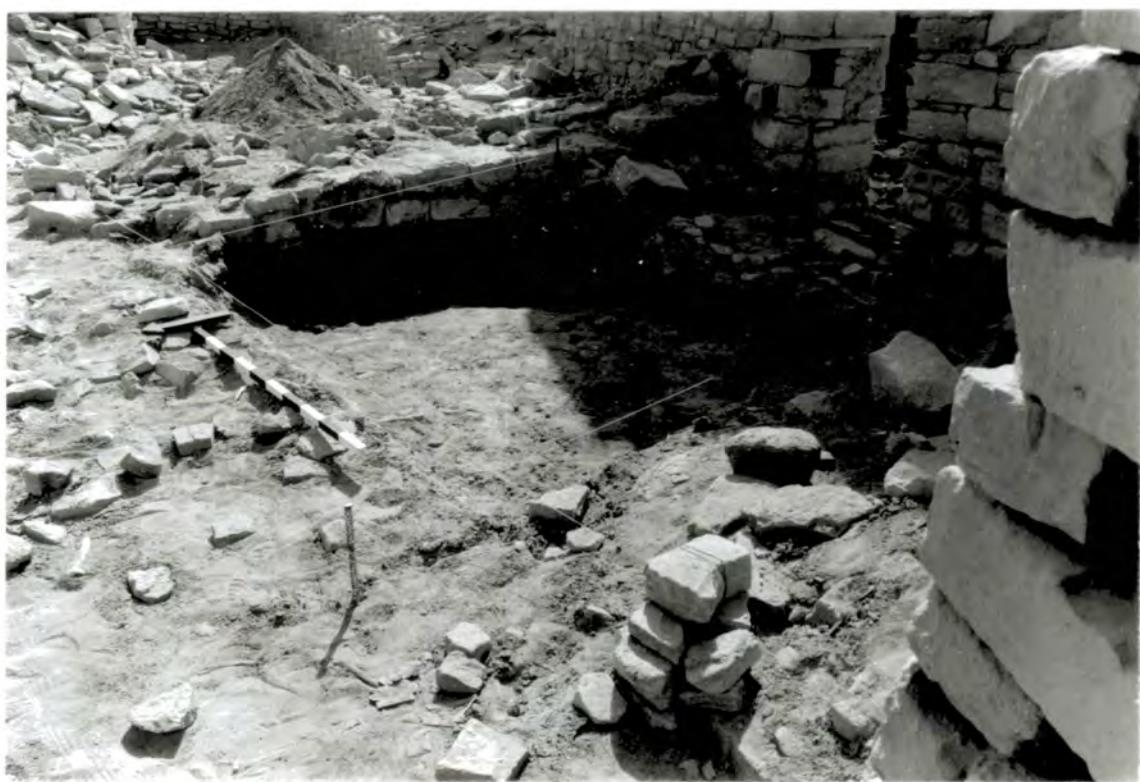


A. A circular object made of clay discovered at trench no. 1,
Dūmat al-Jandal



B. General view of trench no. 2, Dūmat al-Jandal,
before excavation

PLATE XV

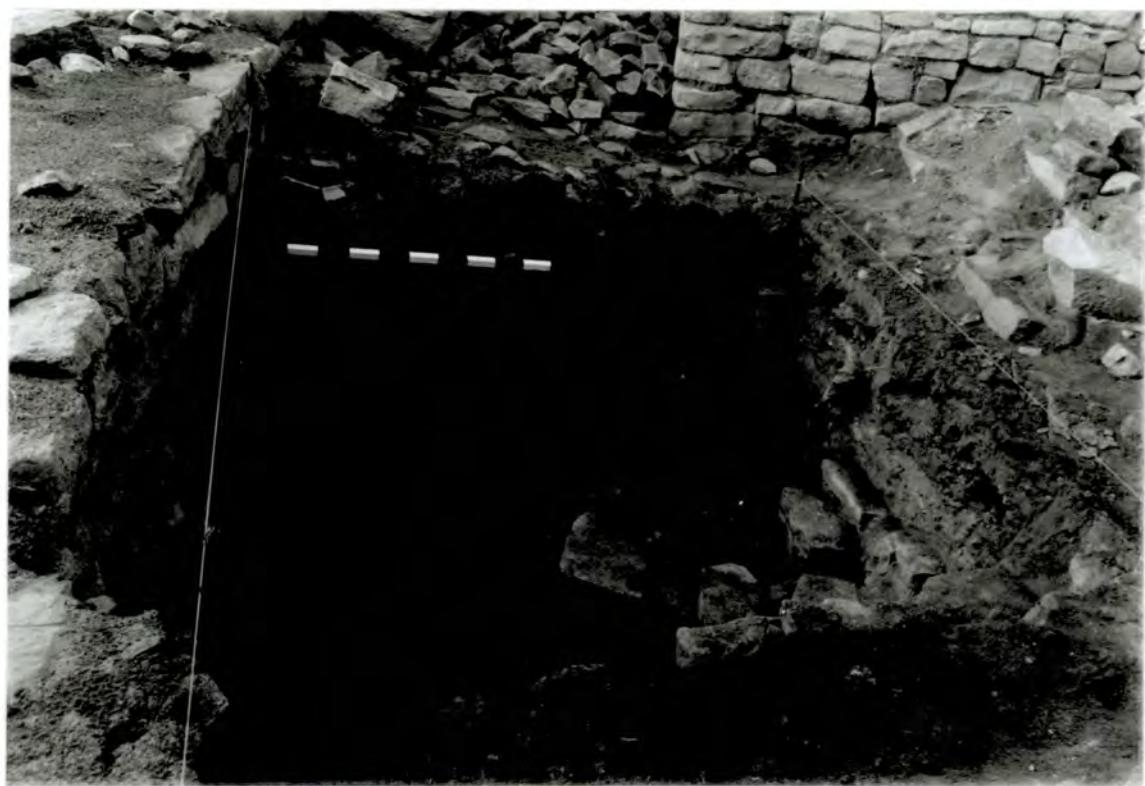


A. Trench no. 2, Dūmat al-Jandal, a view showing a wall at the E section of the trench



B. Trench no. 2, Dūmat al-Jandal, a view after excavation showing the two building phases

PLATE XVI

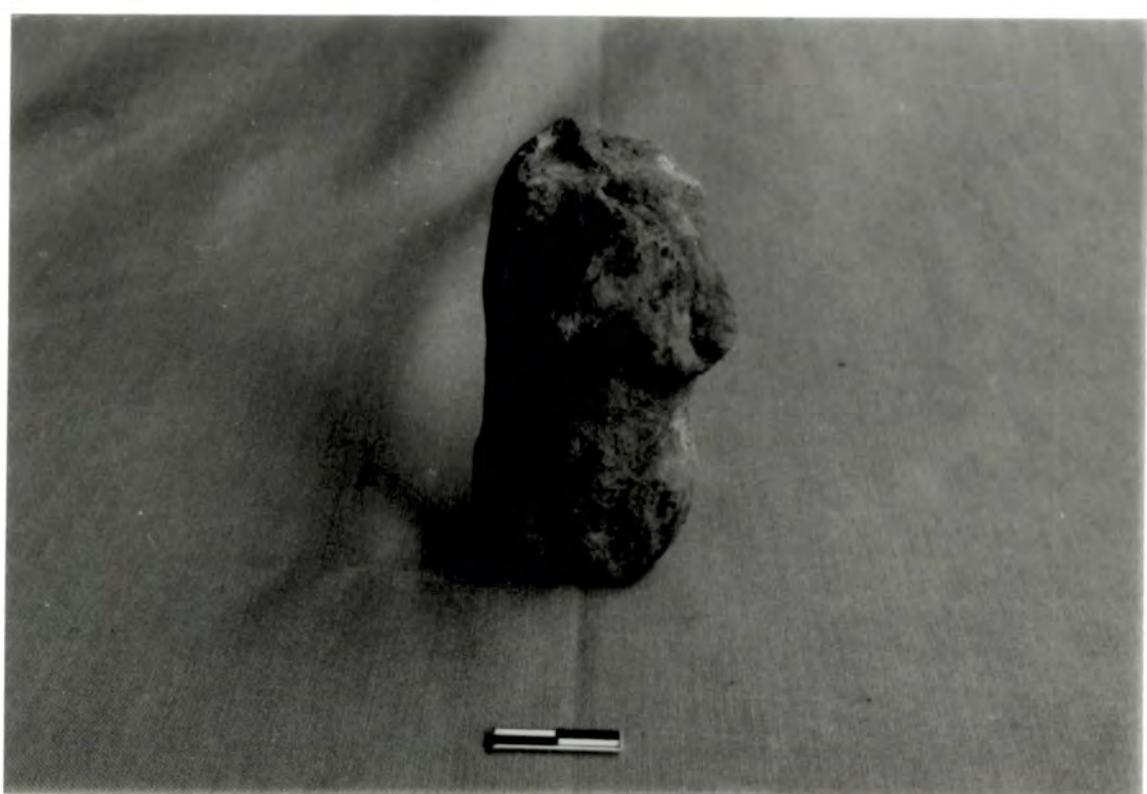


A. Trench no. 2, Dūmat al-Jandal, a view of the S part of the trench showing an entrance to a building unit which belongs to the second phase

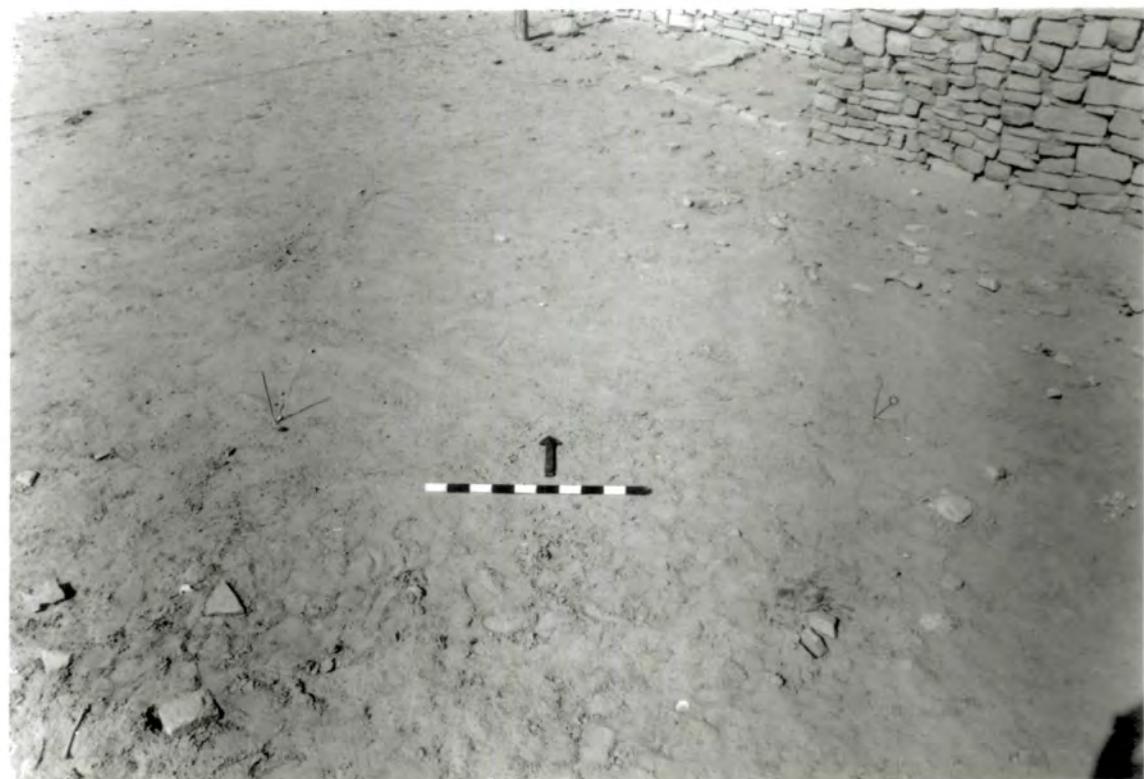


B. Trench no. 2, Dūmat al-Jandal, a view after the excavation

PLATE XVII



A. A nude female figurine discovered at trench no. 2,
Dūmat al-Jandal



B. Trench no. 3, Dūmat al-Jandal, prior to excavation

PLATE XVIII

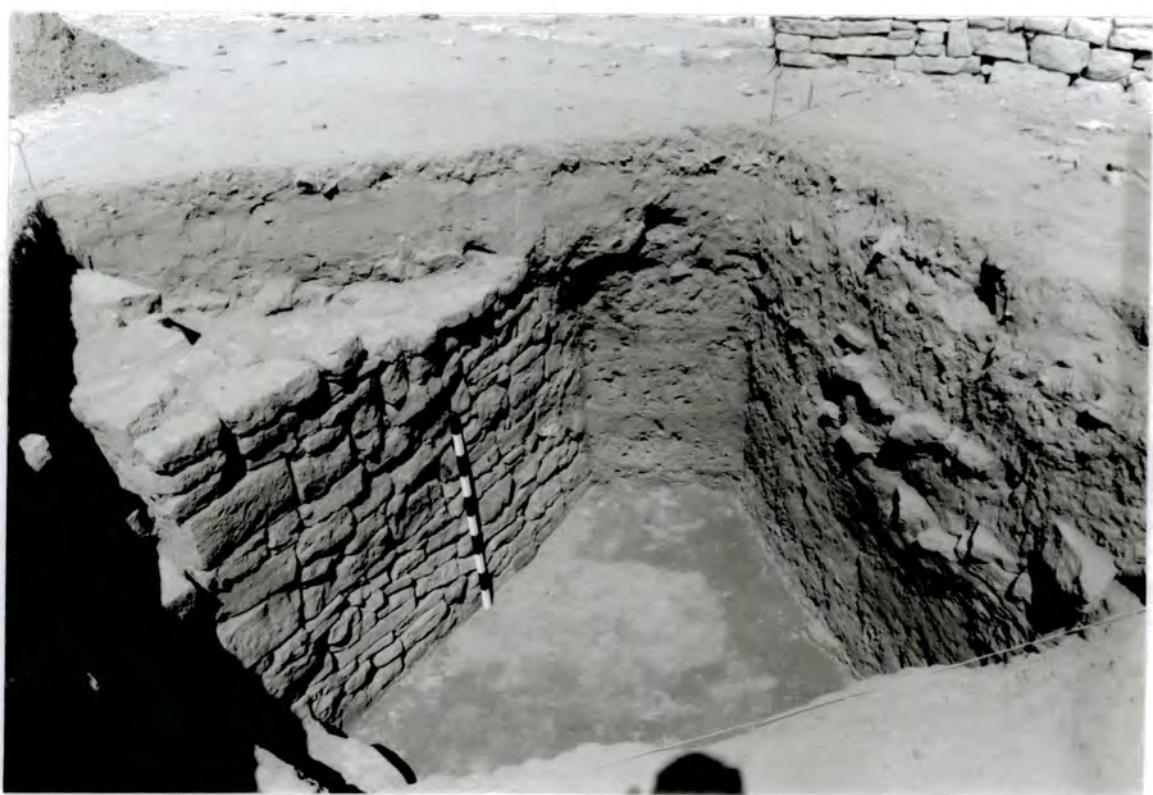


A. Trench no. 3, Dūmat al-Jandal, a view showing the first stone floor



B. Trench no. 3, Dūmat al-Jandal, a view showing a mud floor and a wall at the N corner of the trench

PLATE XIX



A. Trench no. 3, Dūmat al-Jandal, the stone wall and associated mud floor



B. Trench no. 3, Dūmat al-Jandal, a view of the wall showing some plaster coating, centre right

PLATE XX



Trench no. 3, Dumat al-Jandal,
a view of the S section of the wall

PLATE XXI



A. Trench no. 3, Dūmat al-Jandal, a view of the S section
and a water basin



B. Trench no. 3, a water basin showing a small water channel
connected with it

PLATE XXII



A. Trench no. 3, Dūmat al-Jandal, the E section



B. Trench no. 3, Dūmat al-Jandal, general view
after excavation

PLATE XXIII



A. Trench no. 3, Dūmat al-Jandal, the wall which runs toward the
‘Umar mosque minaret corner after
excavation of the top surface

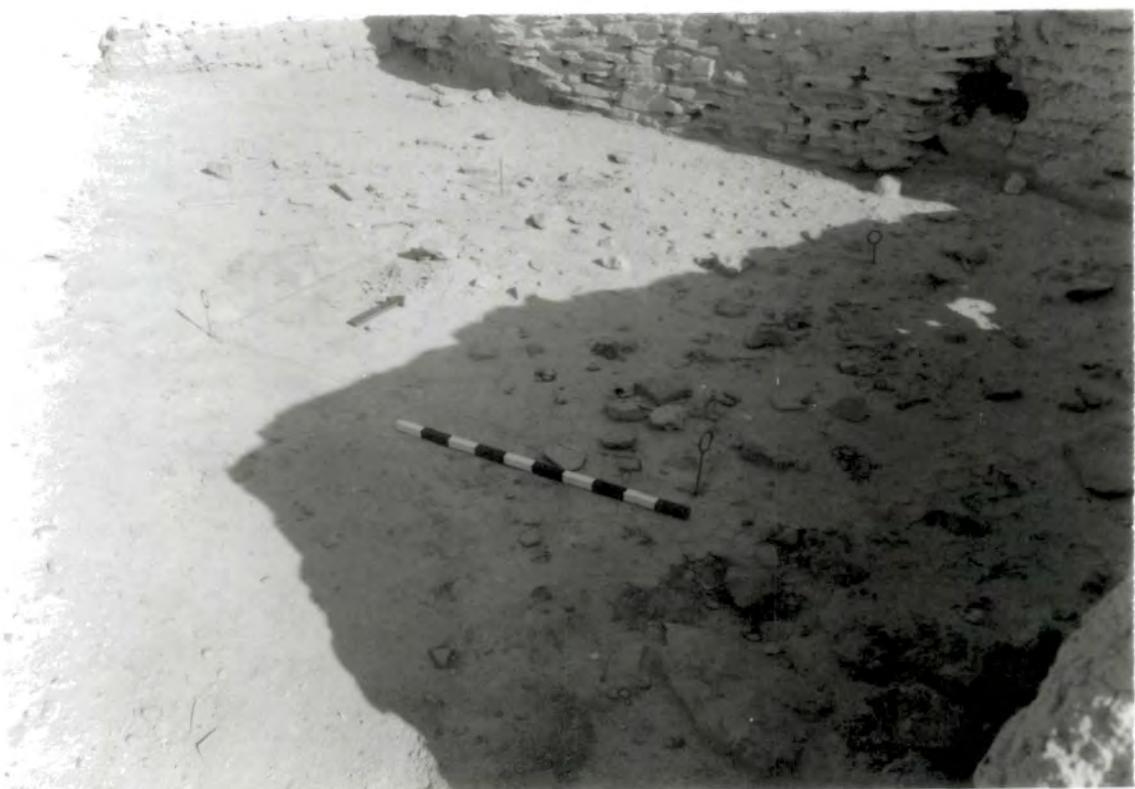


B. Trench no. 3, Dūmat al-Jandal, a view of the wall showing
that it does not connect with the minaret

PLATE XXIV



A. A small pottery bottle discovered at trench no. 3,
Dūmat al-Jandal



B. General view of trench no. 1, inside Muwaysin castle,
before excavation

PLATE XXV

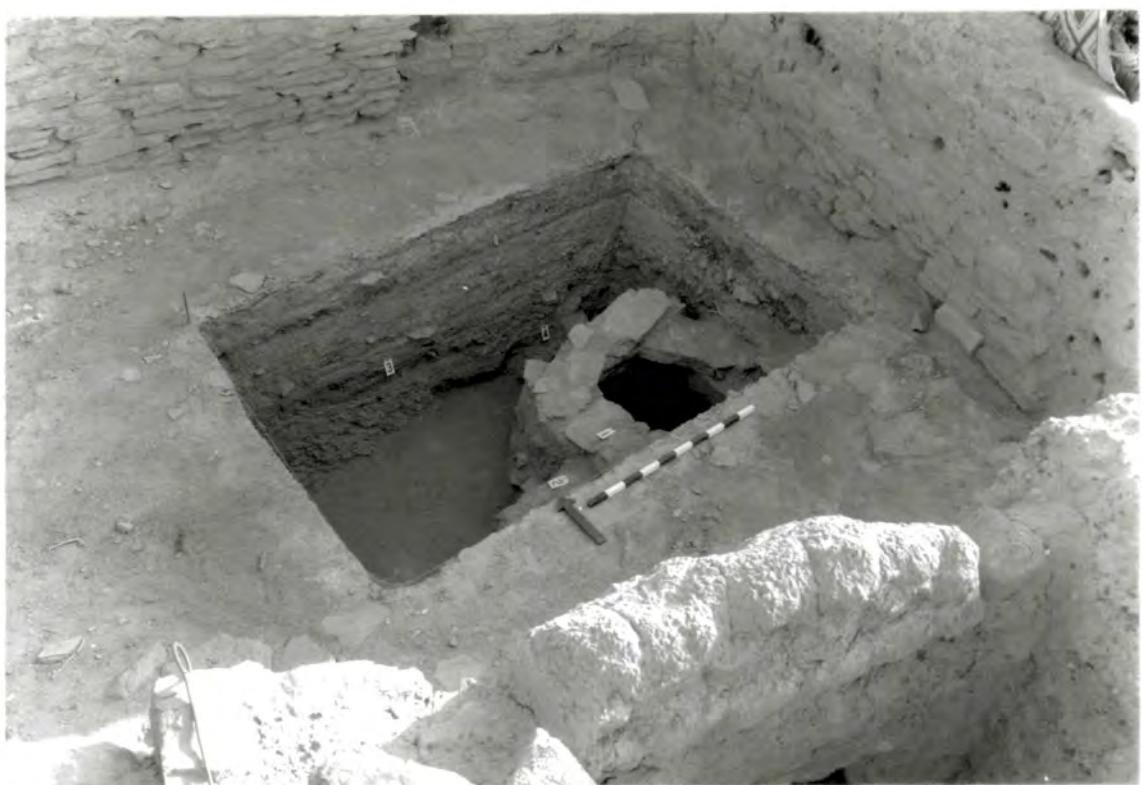


A. Trench no. 1, Muwaysin castle, a view showing a stone structure at the E part of the trench



B. Trench no. 1, Muwaysin castle, the trench after extending it 1m. to the E, showing a well covered by slabs of stones

PLATE XXVI

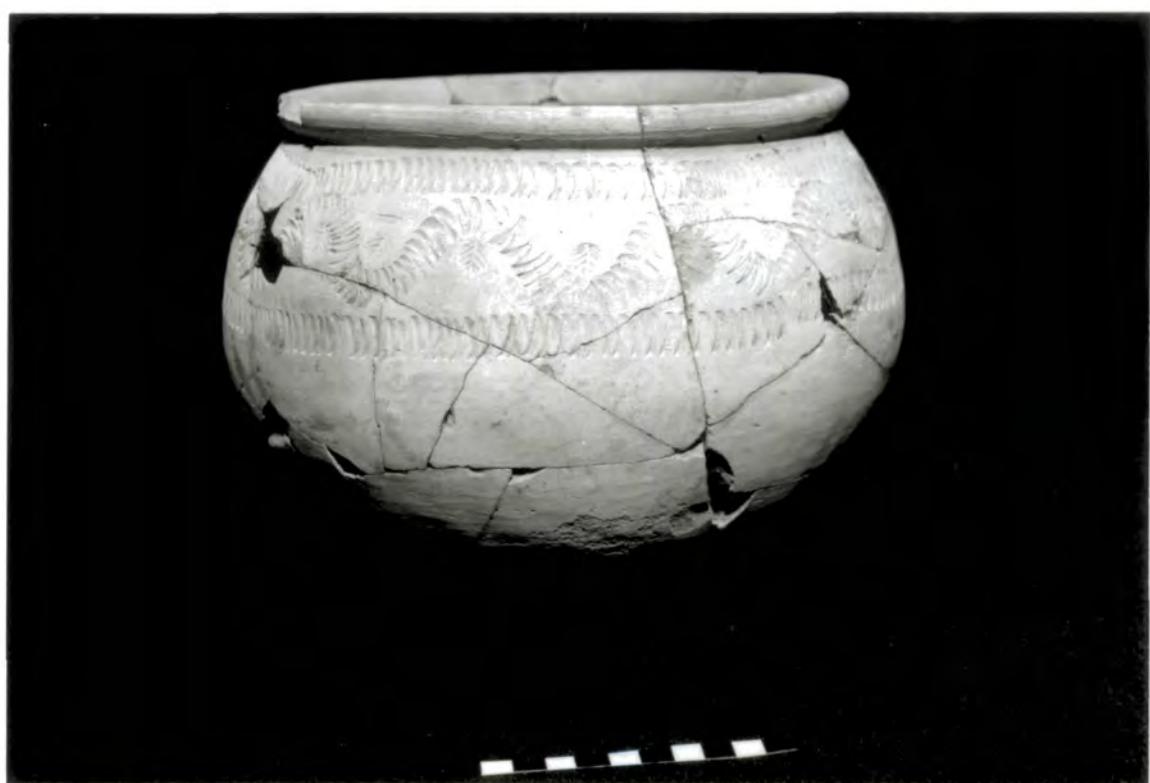


A. View of the trench no. 1, Muwaysin castle, after excavation showing the well

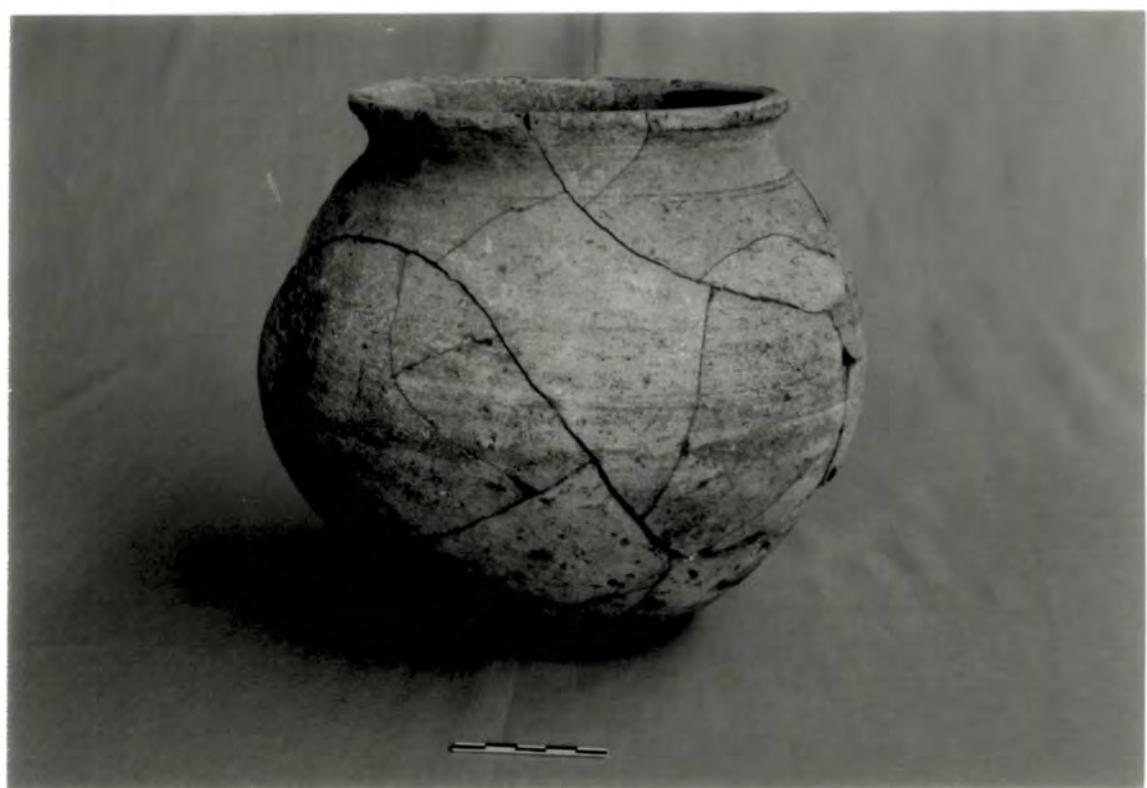


B. A view of the well, discovered at trench no. 1, Muwaysin castle

PLATE XXVII

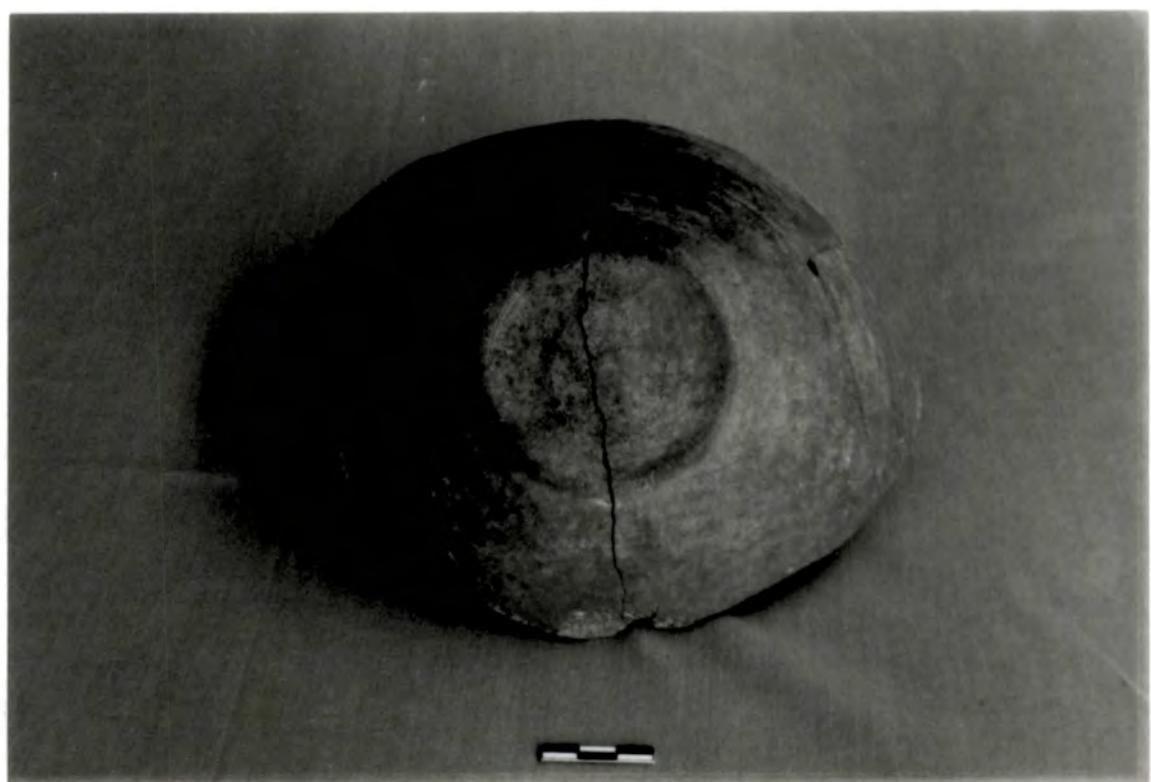


A. A restored cooking pot discovered at trench no. 2,
al-Tuwayr site



B. A restored cooking pot discovered at the surface
of al-Tuwayr site

PLATE XXVIII

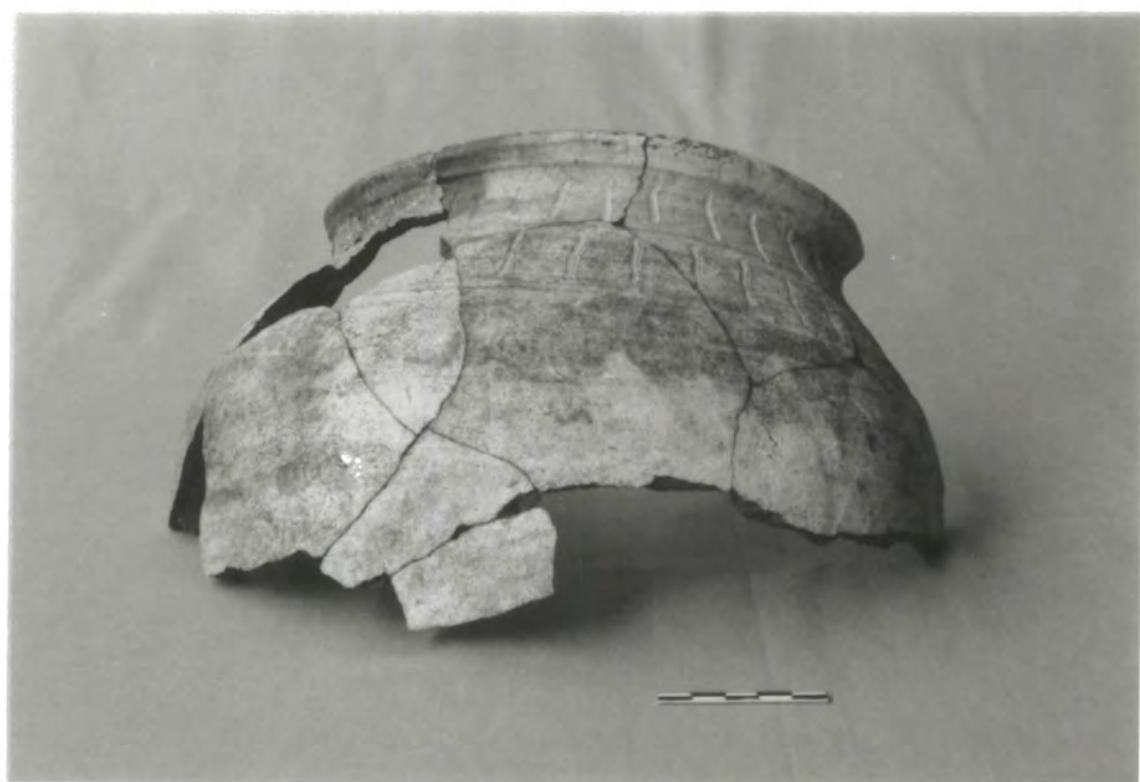


A. A restored bowl discovered at the surface of al-Tuwayr site

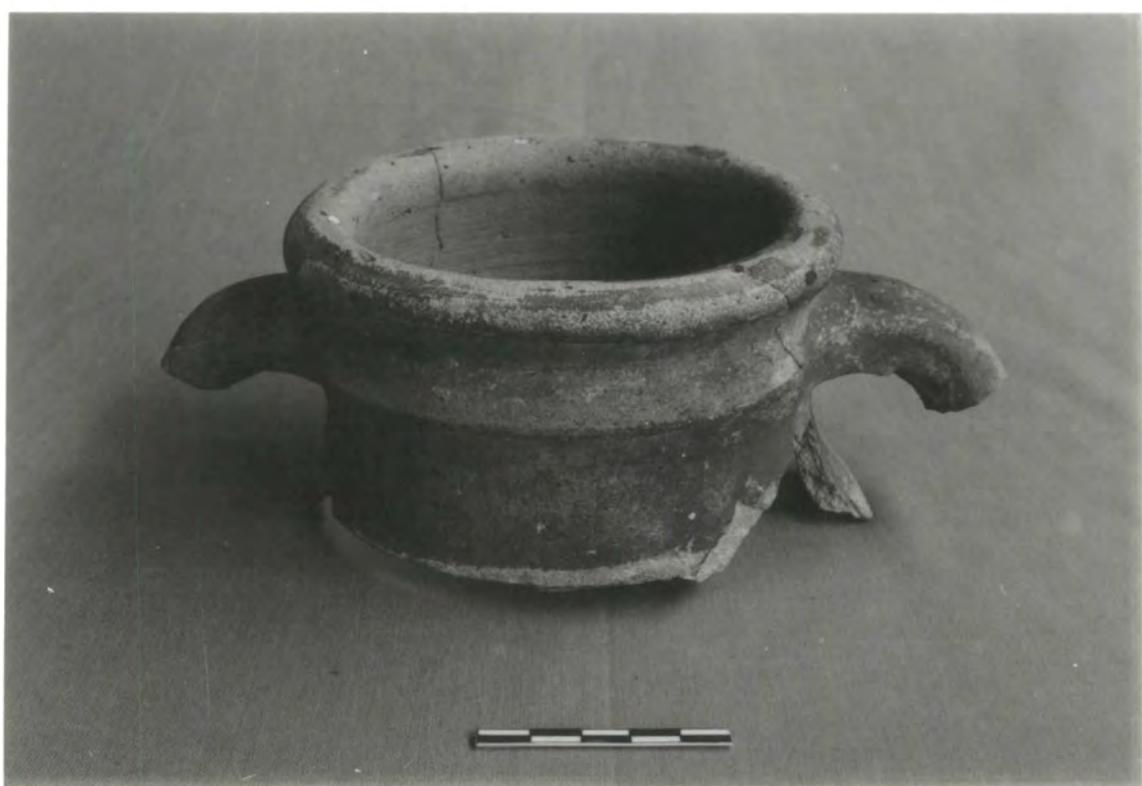


B. A restored upper part of a cooking pot,
al-Tuwayr site surface

PLATE XXIX



A. A fragment of large cooking pot, al-Tuwayr
site surface



B. The upper part of a jar, al-Tuwayr site surface

PLATE XXX



1



2



3

A. Painted sherds from the Jawf region



1



2



3



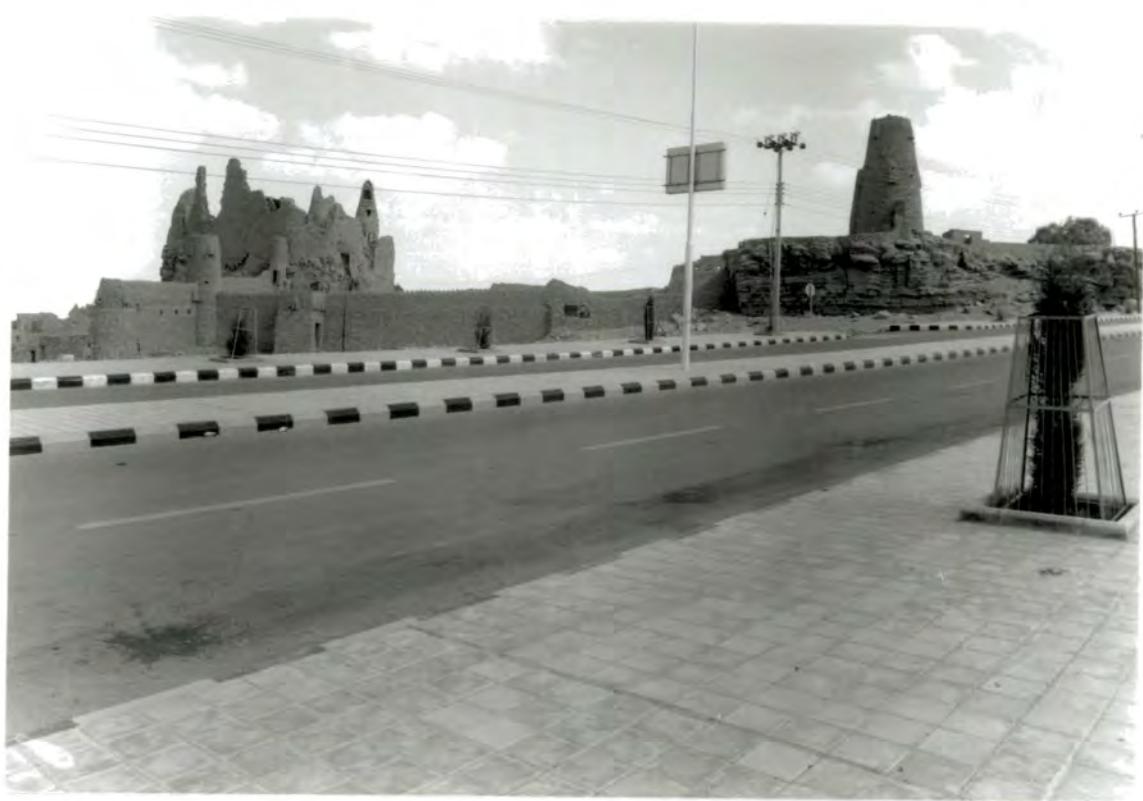
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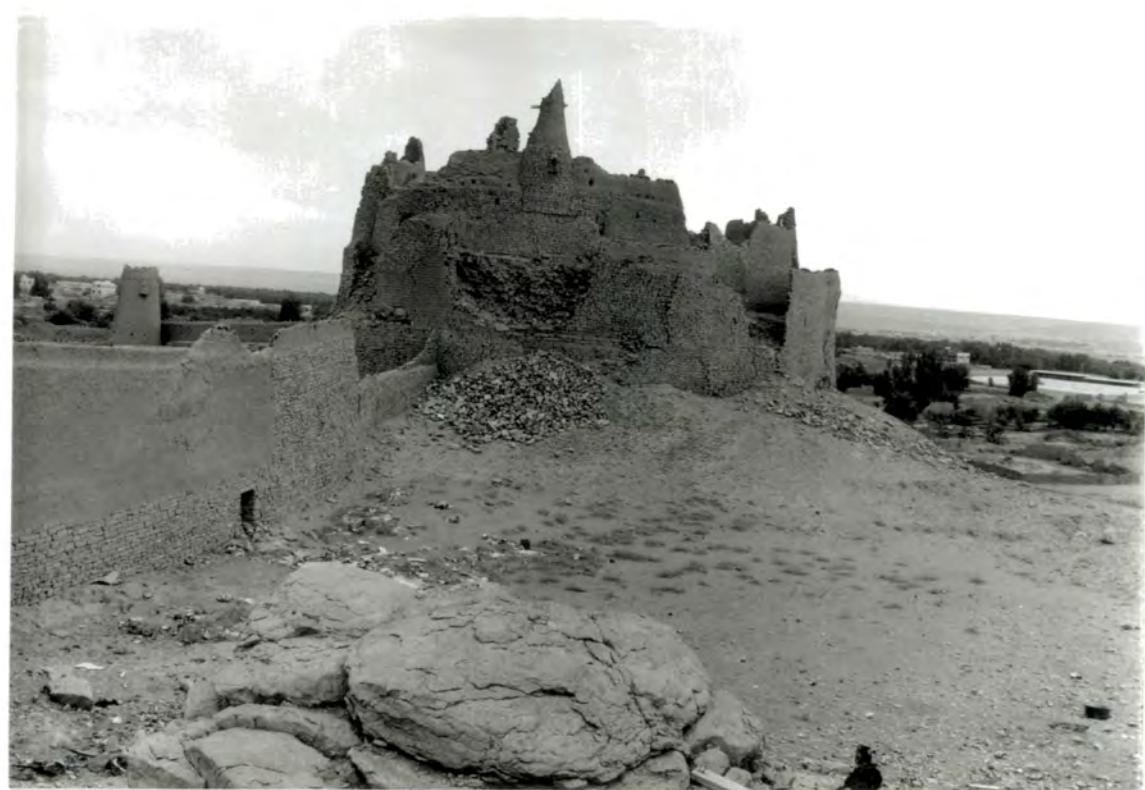
5

B. Painted sherds found on the surface at Dūmat al-Jandal

PLATE XXXI



A. Mārid castle and the annex below it looking west



B. Mārid castle from the southern side

PLATE XXXII



A. Mārid castle from the east showing the huge wall



B. Mārid castle from inside the annex

PLATE XXXIII



A. The entrance of the castle and the oldest part below



B. The courtyard of Mārid castle and the main entrance

PLATE XXXIV



A. The NW wall of Mārid castle

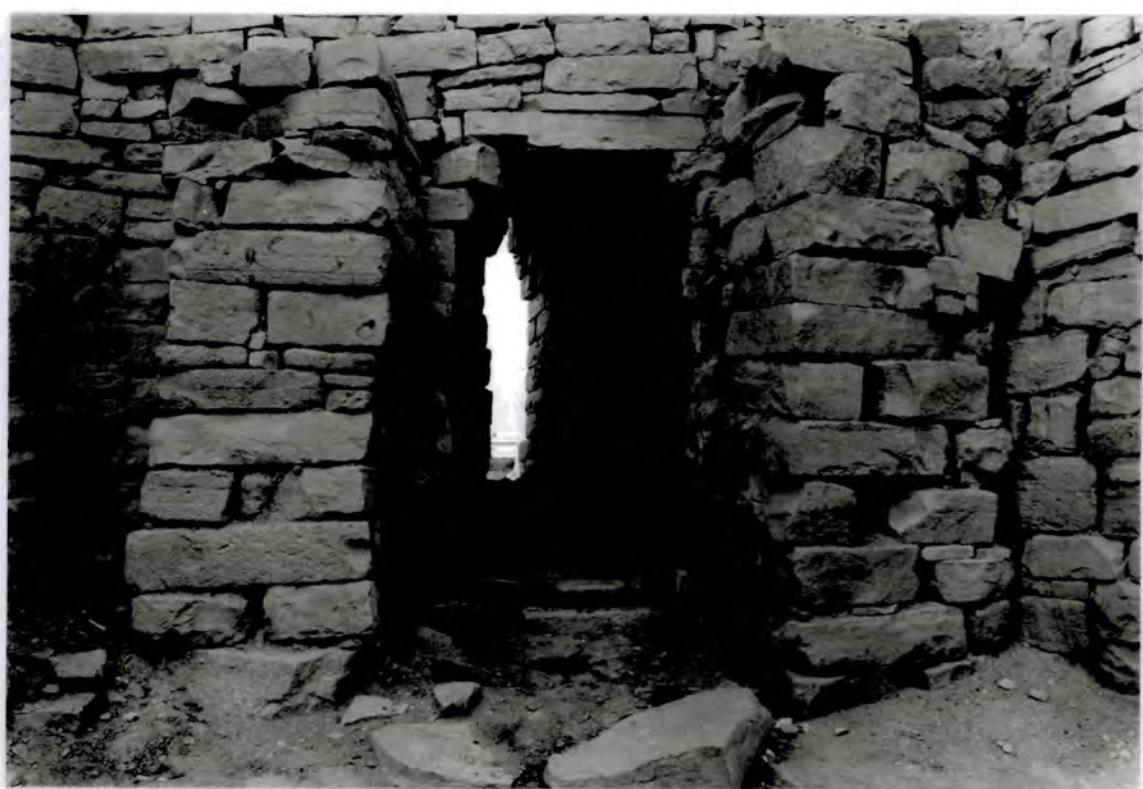


B. Inside view of the NW wall and the N tower

PLATE XXXV



A. The W wall and the two storey building in the SW corner of the castle



B. The main entrance and the fortification in the S part of Mārid castle

PLATE XXXVI



The S tower and the stair leading to the first floor

PLATE XXXVII



A. The S part of the interior of Mārid castle



B. The N part of the interior of Mārid castle

PLATE XXXVIII



A. The entrance and the N towers of the annex of
Mārid castle



B. Mārid castle and the N towers of the annex

PLATE XXXIX



A. A view of the interior of the annex



B. The SW tower of the annex

PLATE XL



A. The interior of the annex showing the second entrance



B. The S part of the annex

PLATE XLI

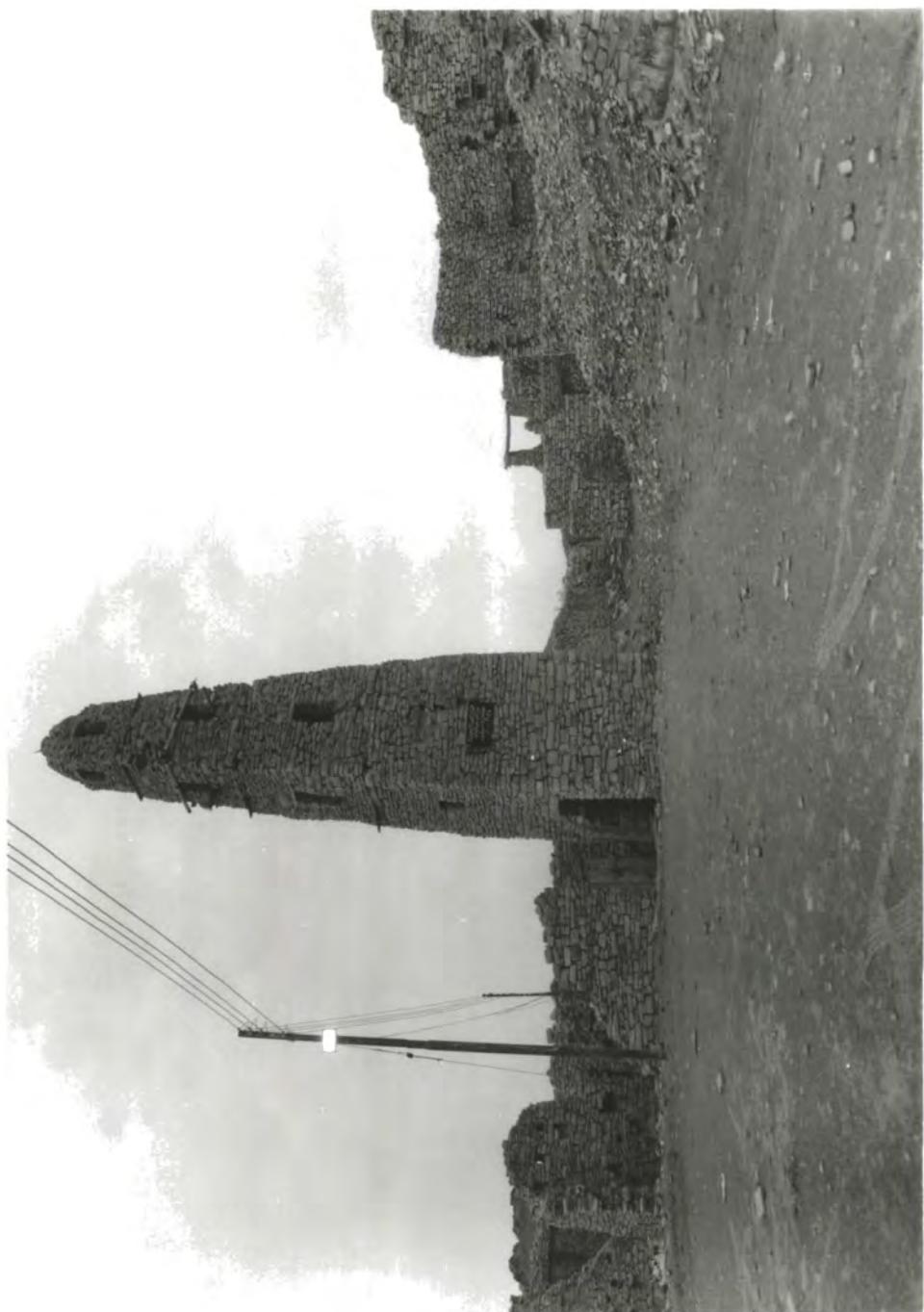


A. Walling inside the annex of Mārid castle



B. The Minaret of the 'Umar mosque

PLATE XLII



The Minaret of the 'Umar mosque

PLATE XLIII



A. The Sahn and riwāq al-qiblah viewed from the E



B. The Sahn of the mosque viewed from the W

PLATE XLIV

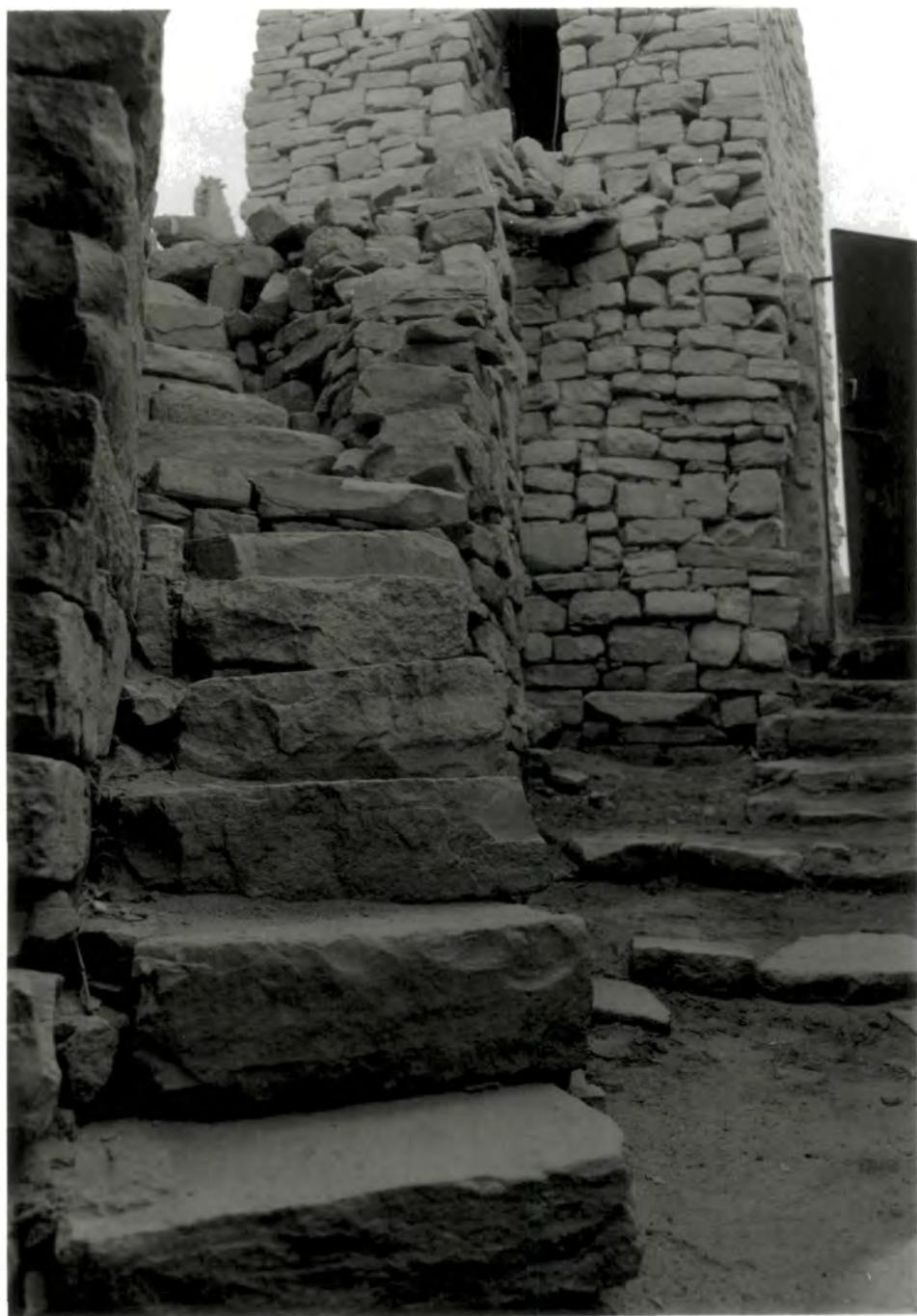


A. The Sahn and the small sanctuary viewed from the E



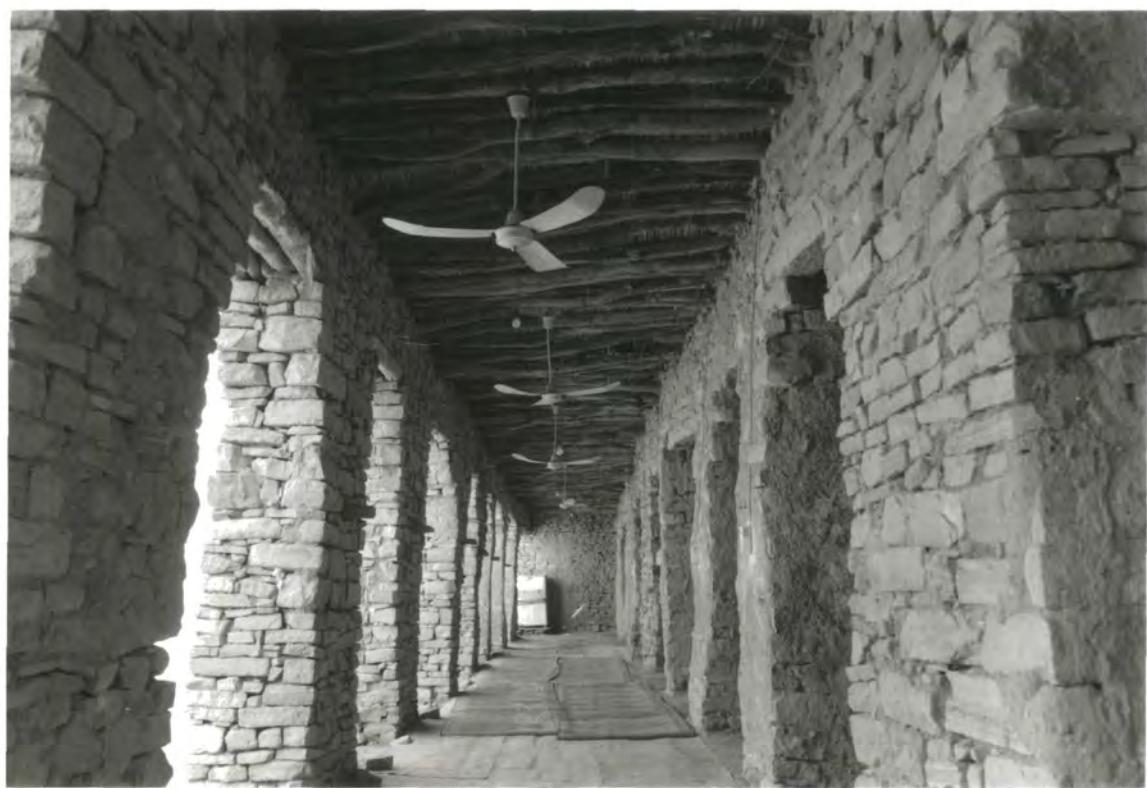
B. The stone cornelling above the passage which pass through the body of the minaret

PLATE XLV

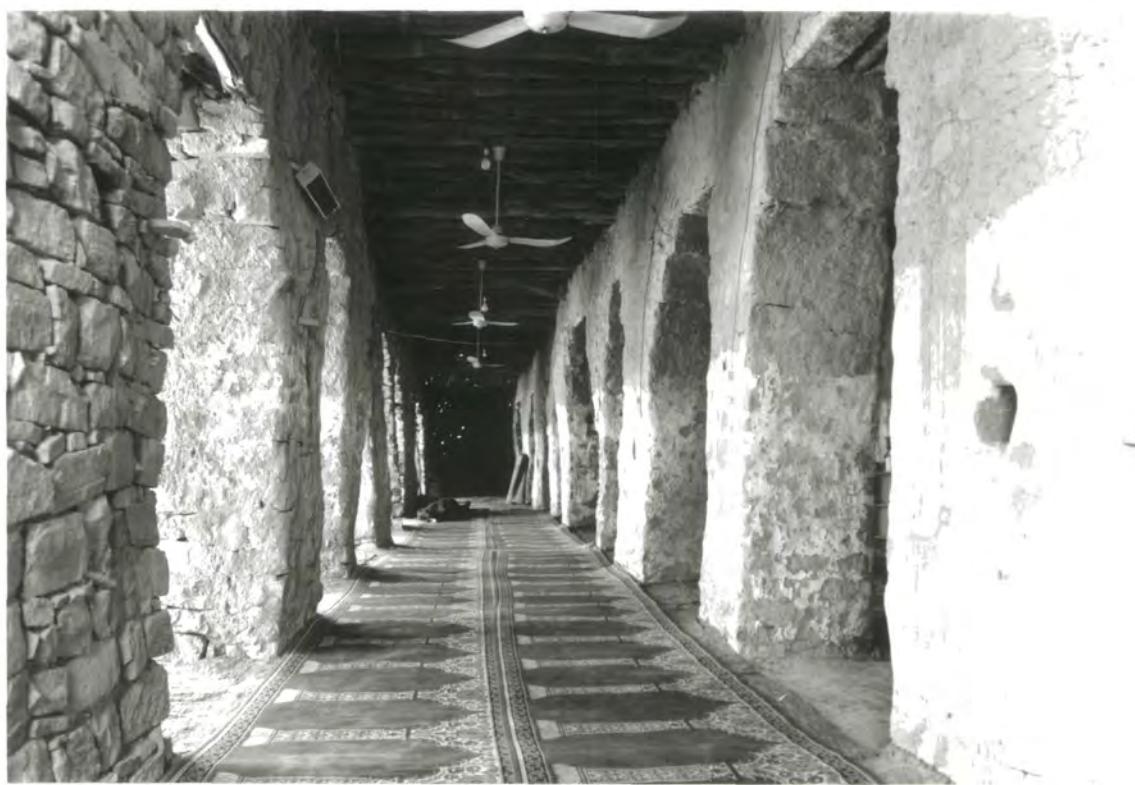


The staircase which leads to the minaret and
the roof of the mosque

PLATE XLVI



A. The interior of the sanctuary, the second and the third arcades shown



B. The interior of the mosque showing the first and the second arcades

PLATE XLVII



A. The corbelling system above the pillars



B. The Mihrāb of the 'Umar mosque



B. The main entrance to the ancient quarter



A. A very well built stone pillar inside the
'Umar mosque

PLATE XLIX



A. A view of the ancient quarter from the W



B. A view of the main narrow street from the S

PLATE L

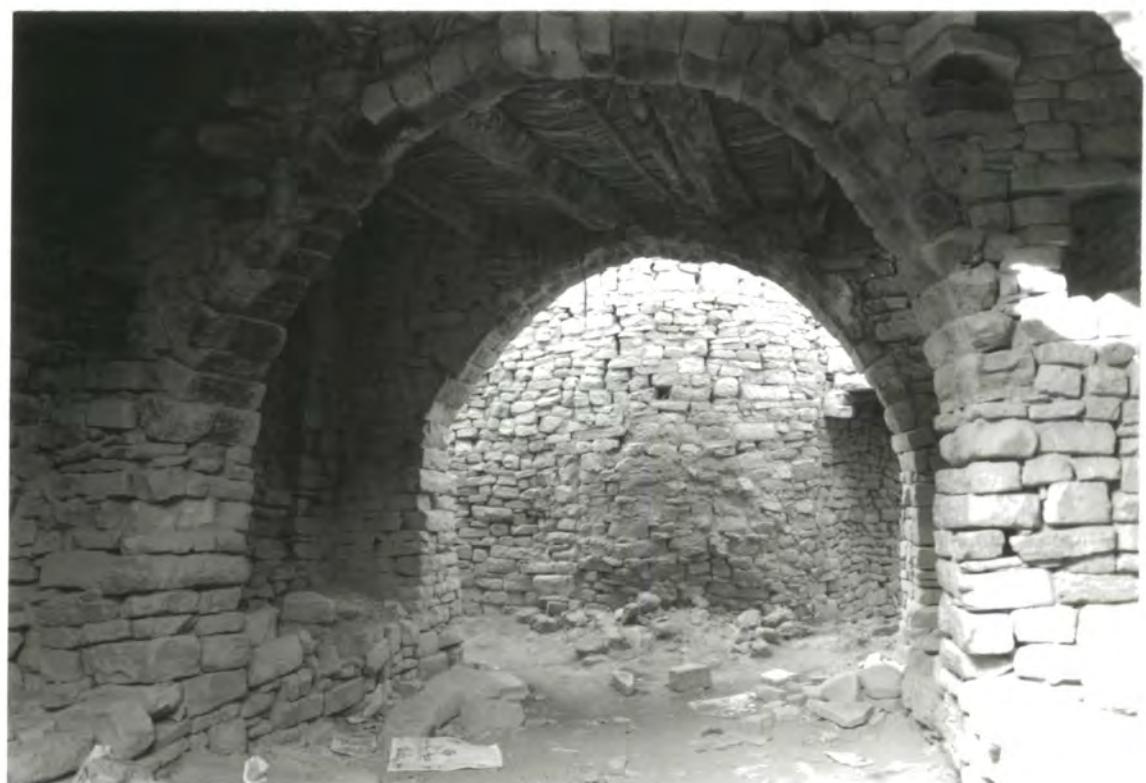


Inside view of the narrow, twisting street

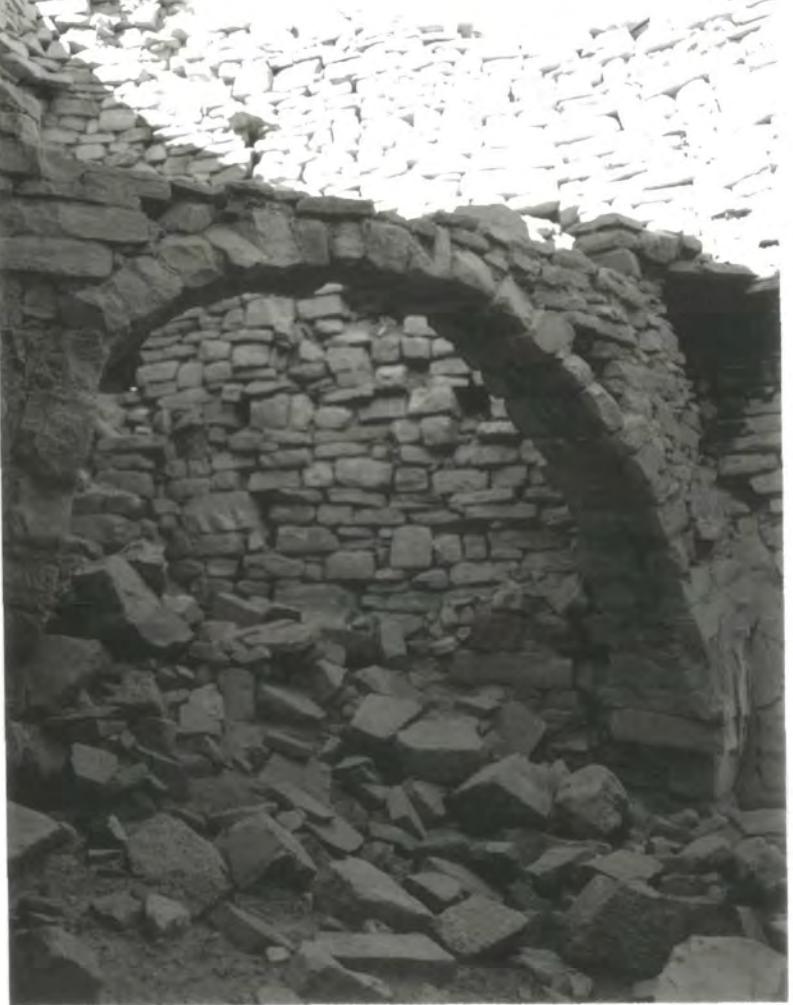
PLATE LI



A. The main arched square inside the ancient quarter



B. The round arches of the main square



B. An example of the round arches inside the ancient quarter



A. View of the main square from the E

PLATE LIII



A. The pointed arches in the main square

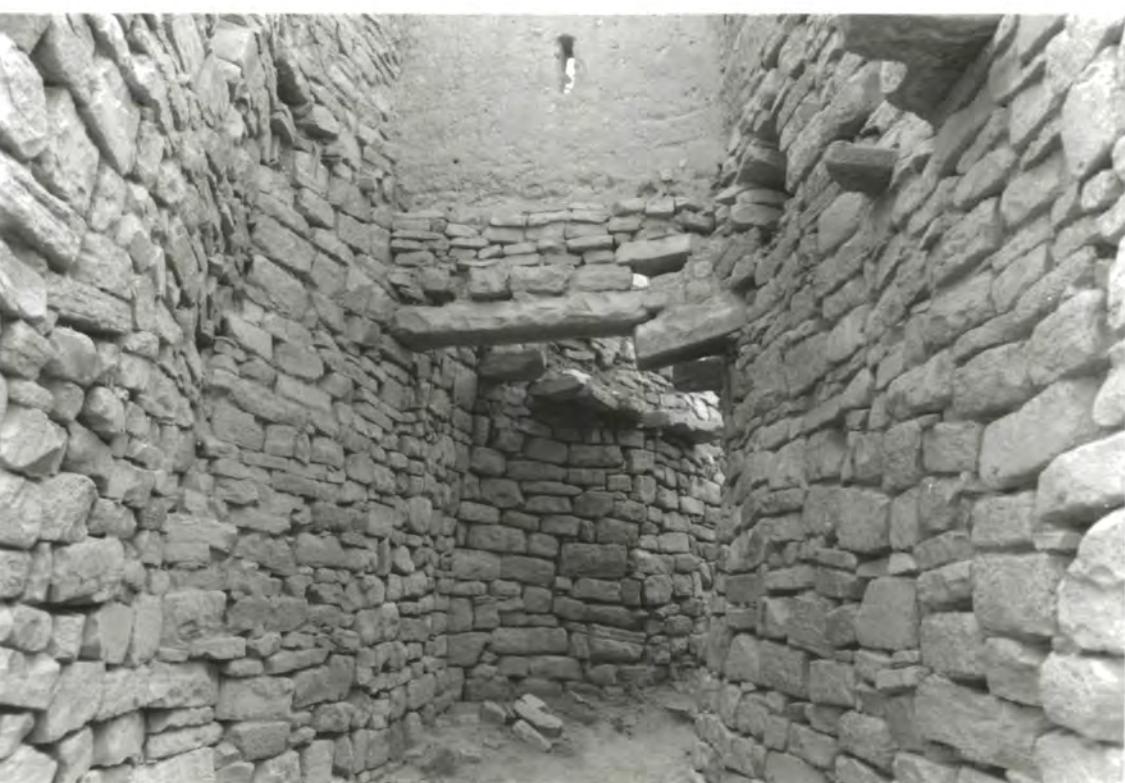


B. View of the ancient quarter from the E

PLATE LIV



A. The use of stone lintels in doors and windows



B. The use of the corbelling system in the ancient quarter

PLATE LV



A. General view of the wall of Dūmat al-Jandal
from the W



B. View of the wall of Dūmat al-Jandal from the W

PLATE LVI

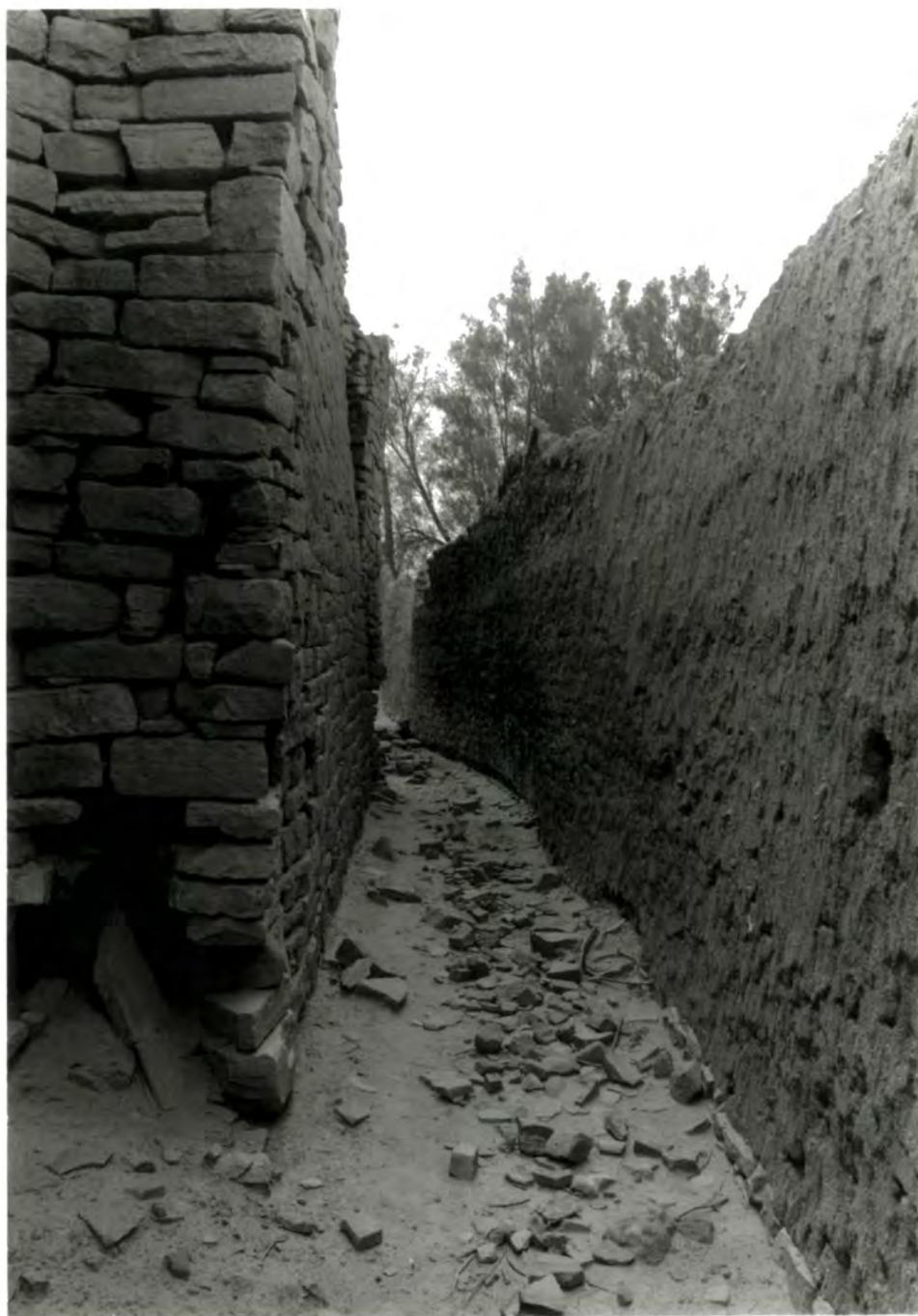


A. A view of the SW section of Dūmat al-Jandal wall



B. A view of section of al-Suhaym wall in Dumat al-Jandal

PLATE LVII

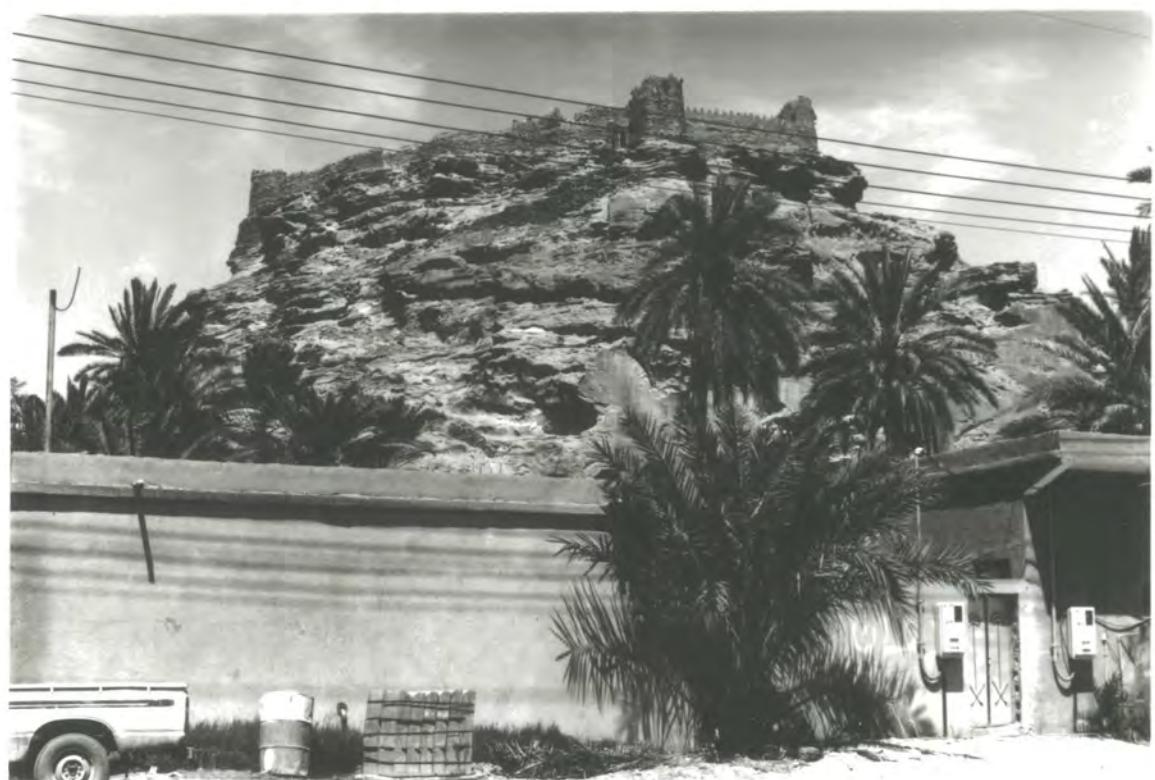


A View of al-Suhaym wall in Dūmat al-Jandal

PLATE LVIII



A. General view of Za'bal castle in Sakākā



B. The Za'bal castle viewed from the S

PLATE LIX



A. Inside view of Za'bal castle



B. A round tower and the main entrance of
Za'bal castle

PLATE LX



A. The western tower of Za'bal castle



B. Inside view of Za'bal castle overlooking
the city of Sakākā

PLATE LXI



A. The interior of Za'bal castle



B. General view of Muwaysin castle from the N

PLATE LXII



A. Muwaysin castle looking S



B. View of Muwaysin castle from the E

PLATE LXIII



A. General view of al-Qudayr castle looking N



B. View of al-Qudayr castle from the S

PLATE LXIV

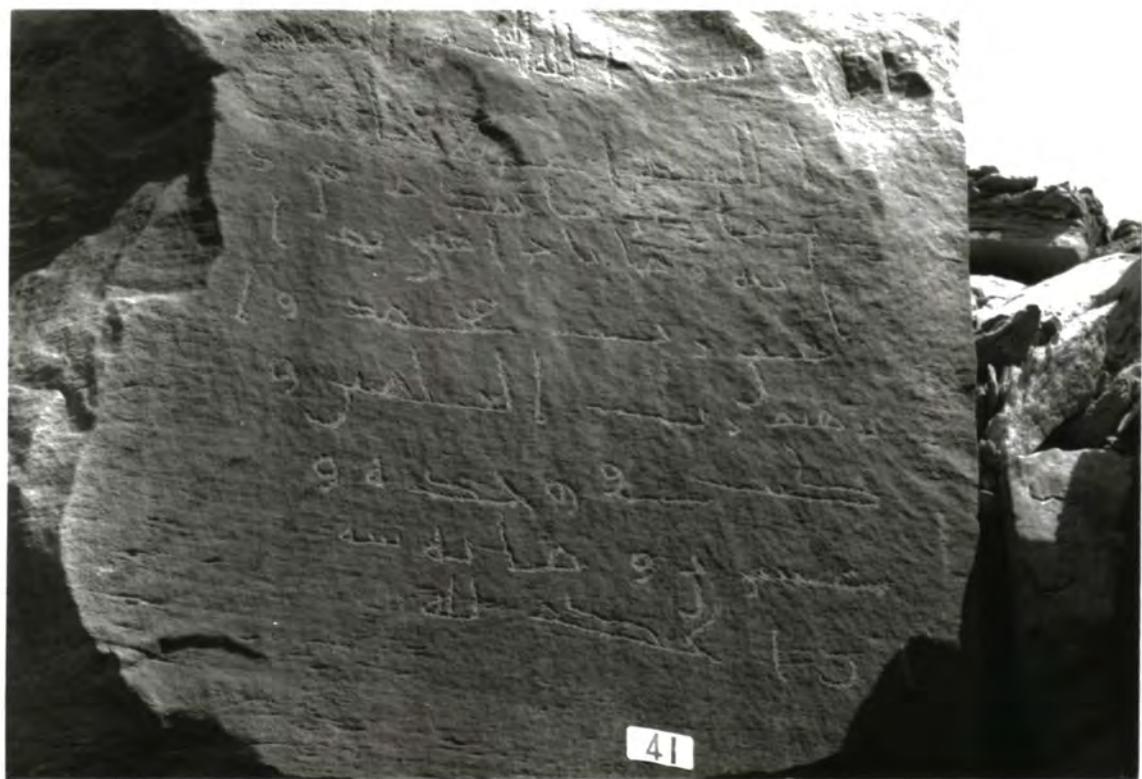


A. The Saysarā well at Sakākā

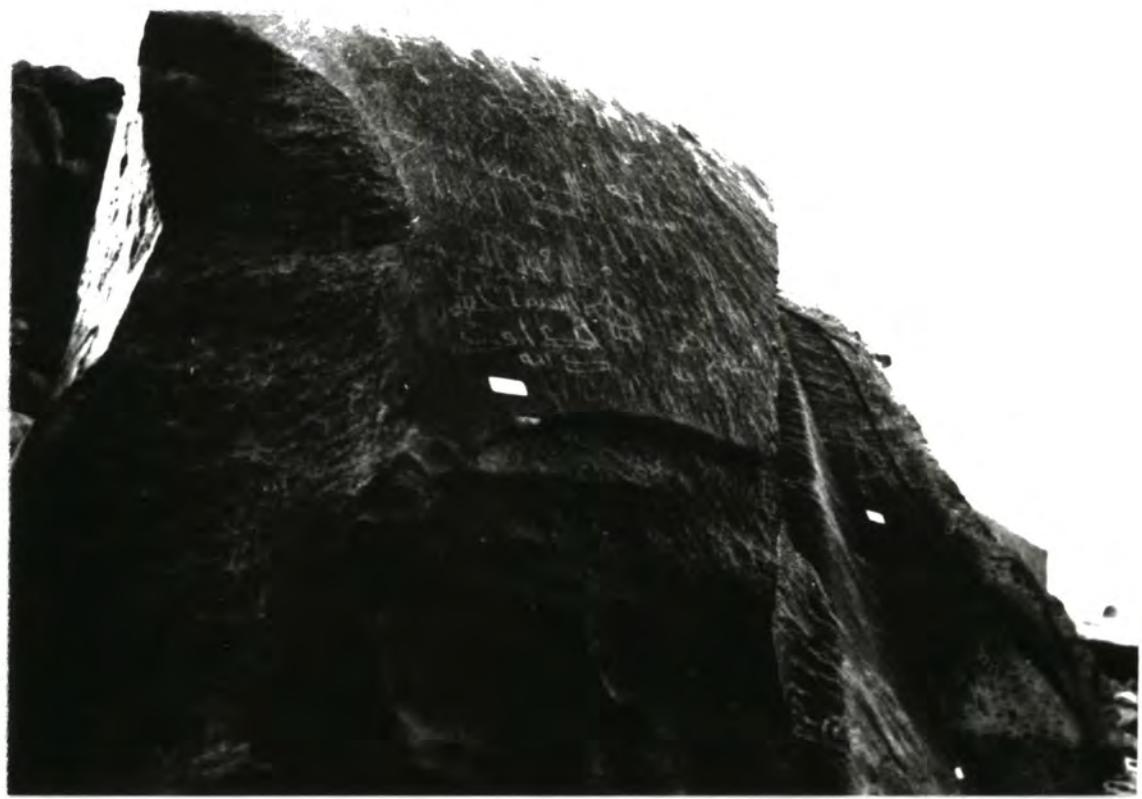


B. Inside view of the Saysarā well

PLATE LXV

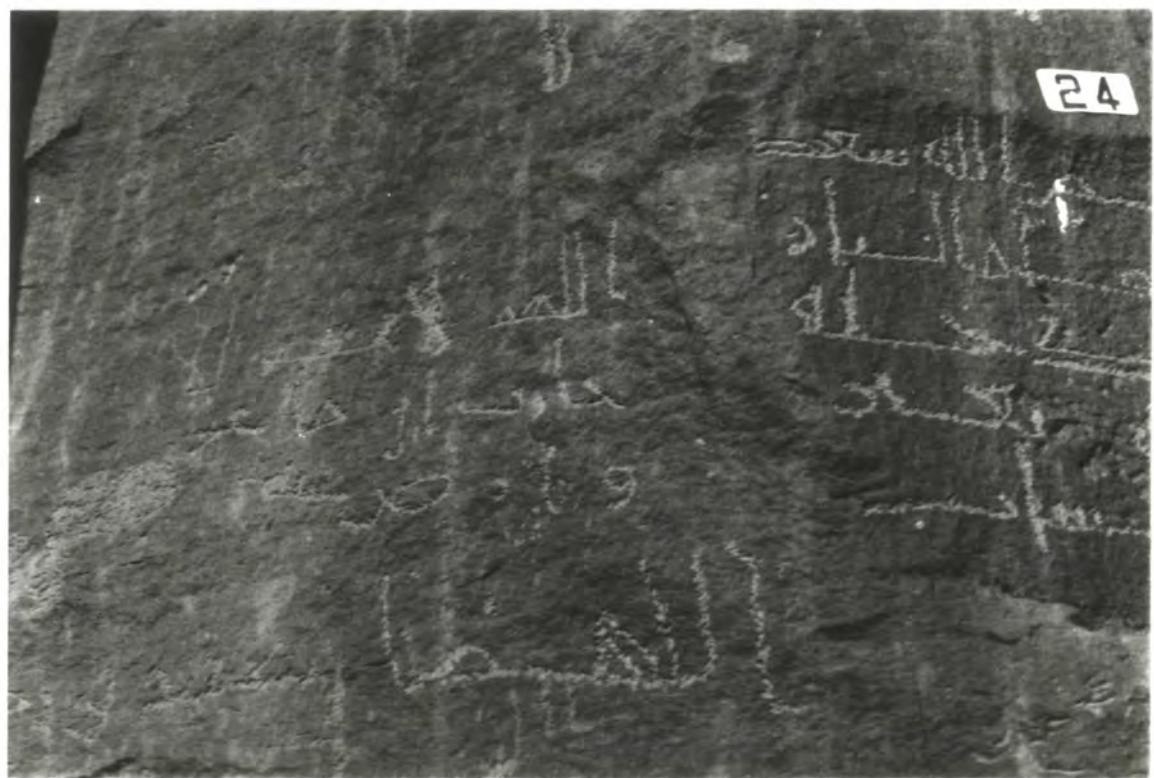


No. 1



No. 2

PLATE LXVI



No. 3

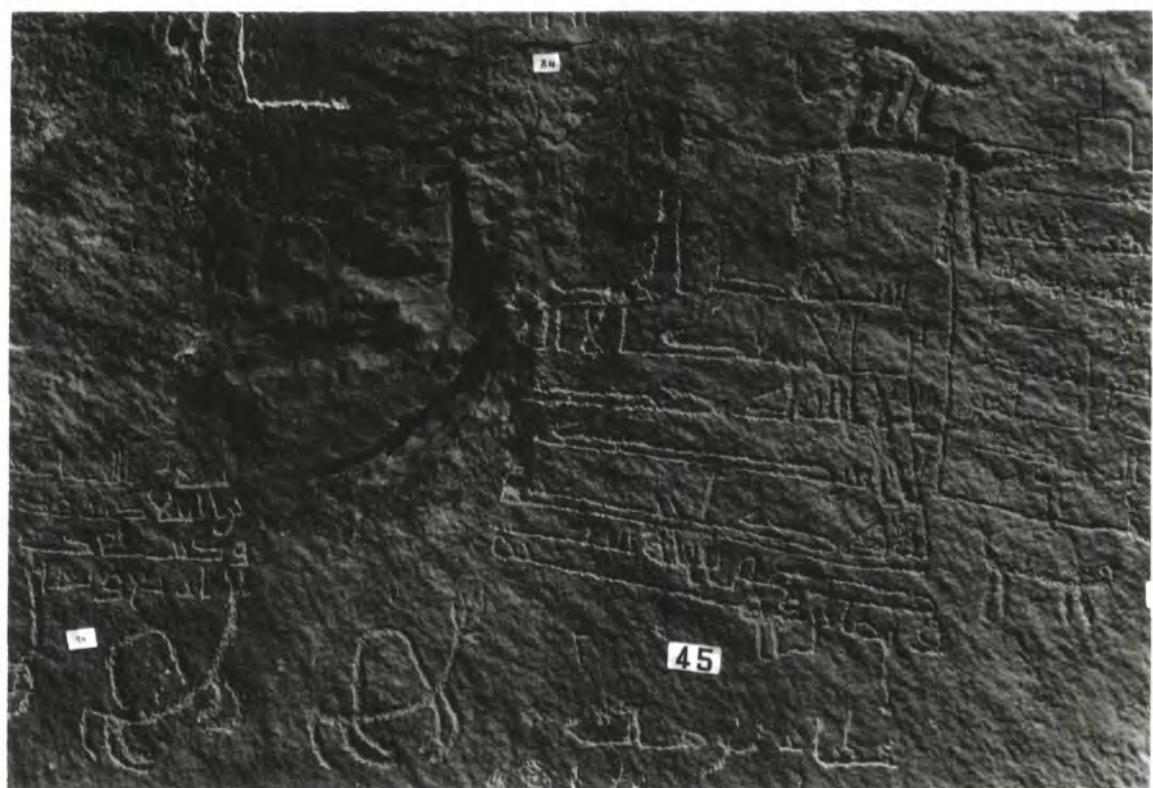


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PLATE LXVII

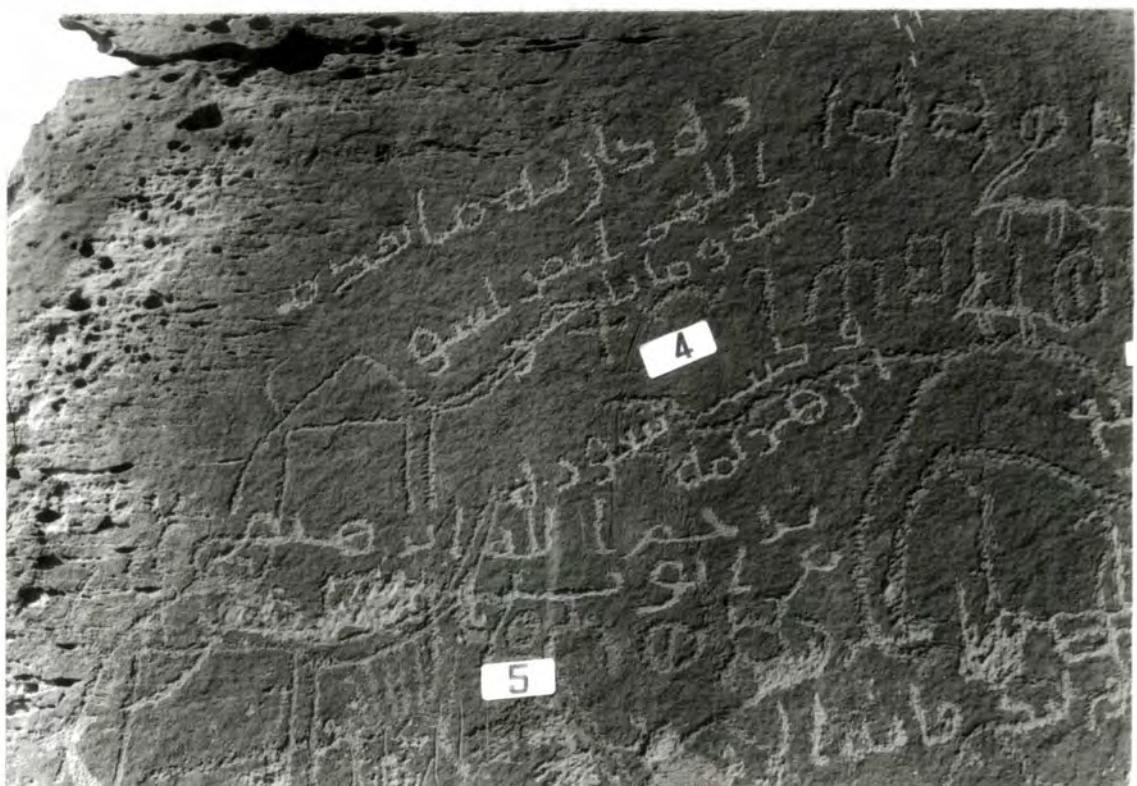


No. 5



No. 6

PLATE LXVIII



No. 7



No. 8

PLATE LXIX



No. 9

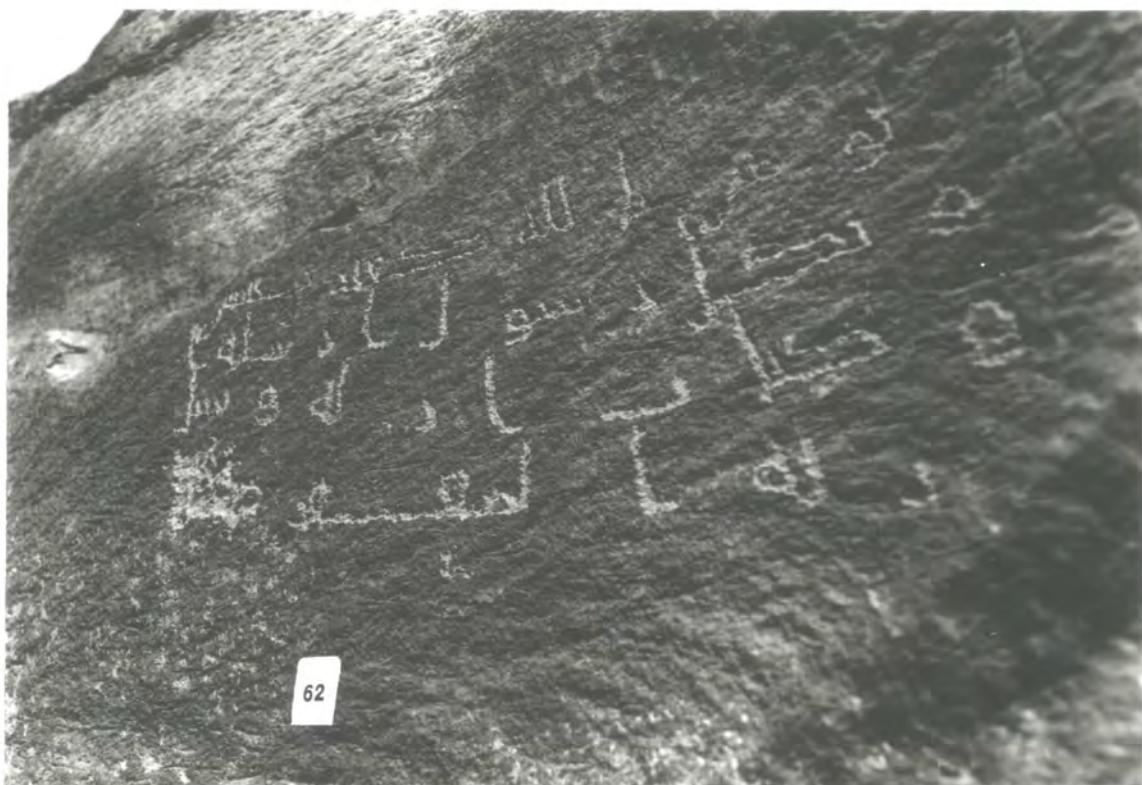


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PLATE LXX

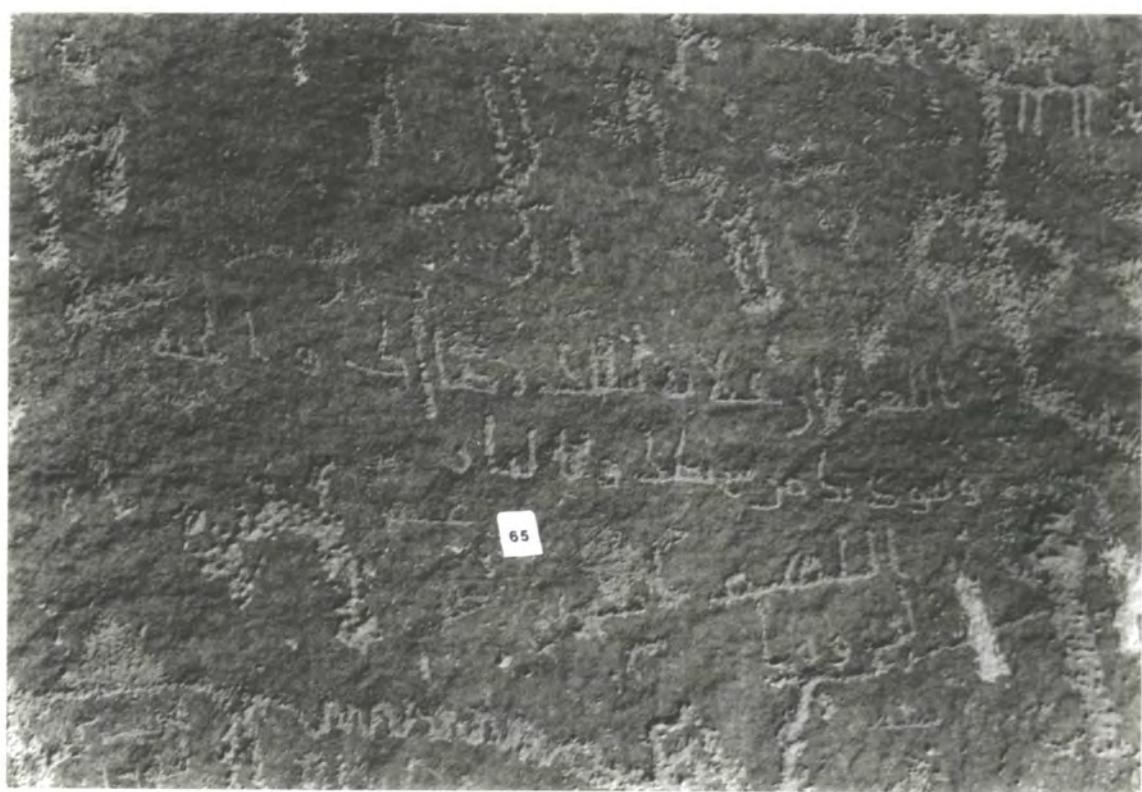


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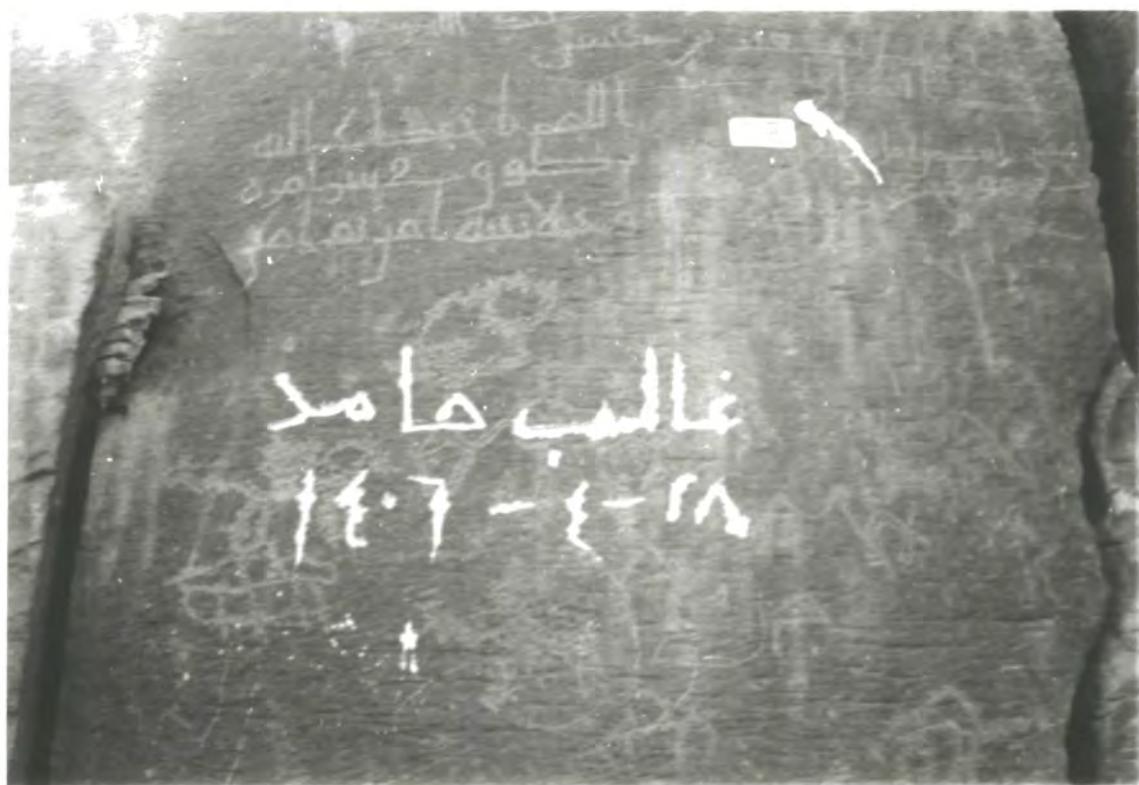


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PLATE LXXI

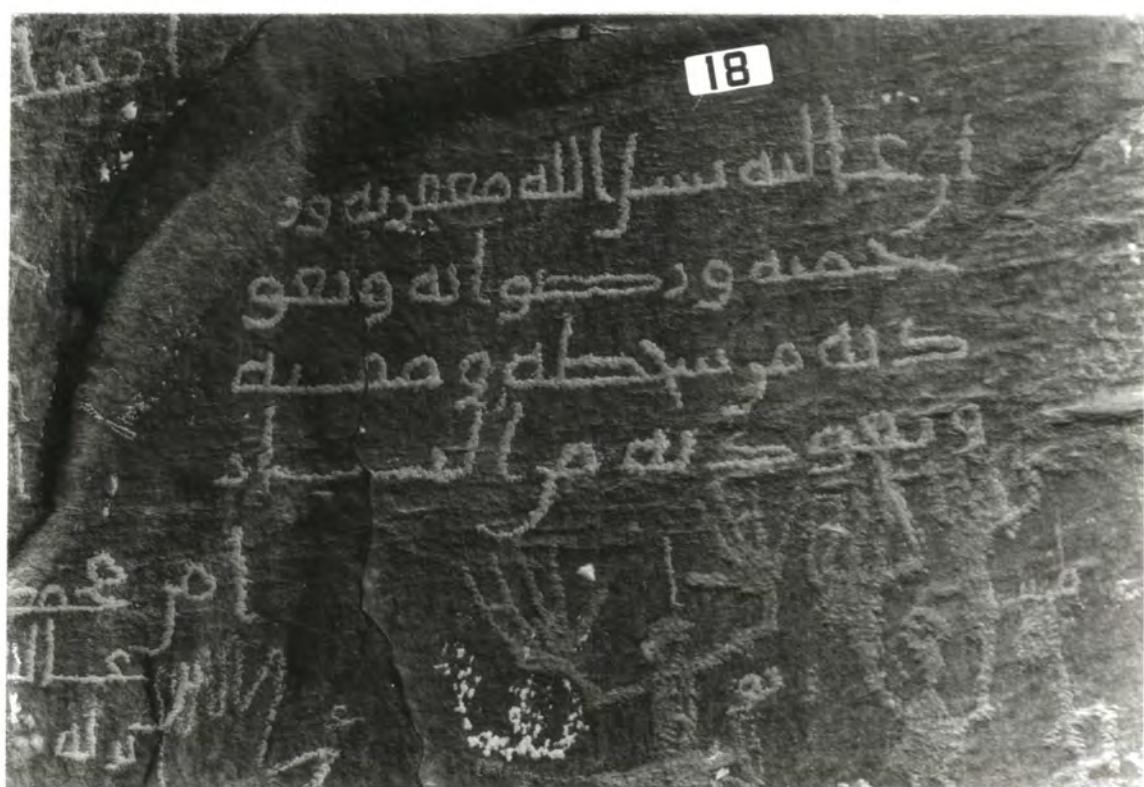


No. 13



No. 14

PLATE LXXII

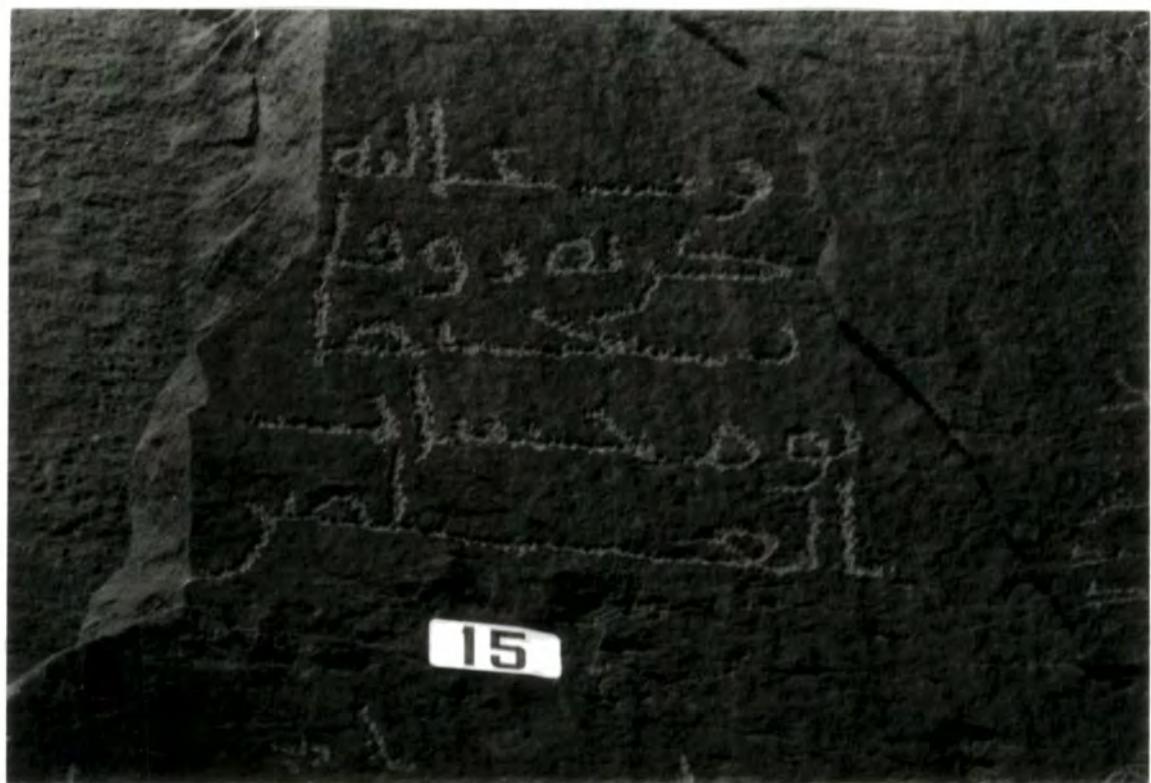


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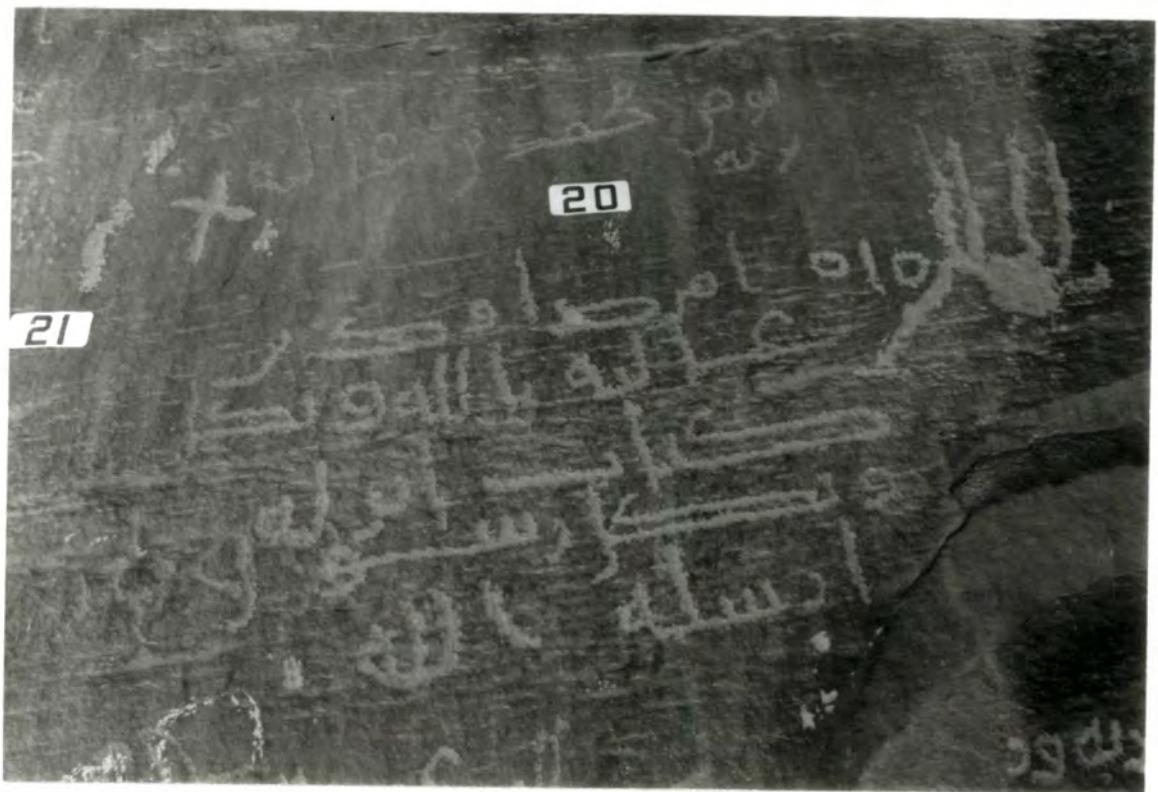


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PLATE LXXIII

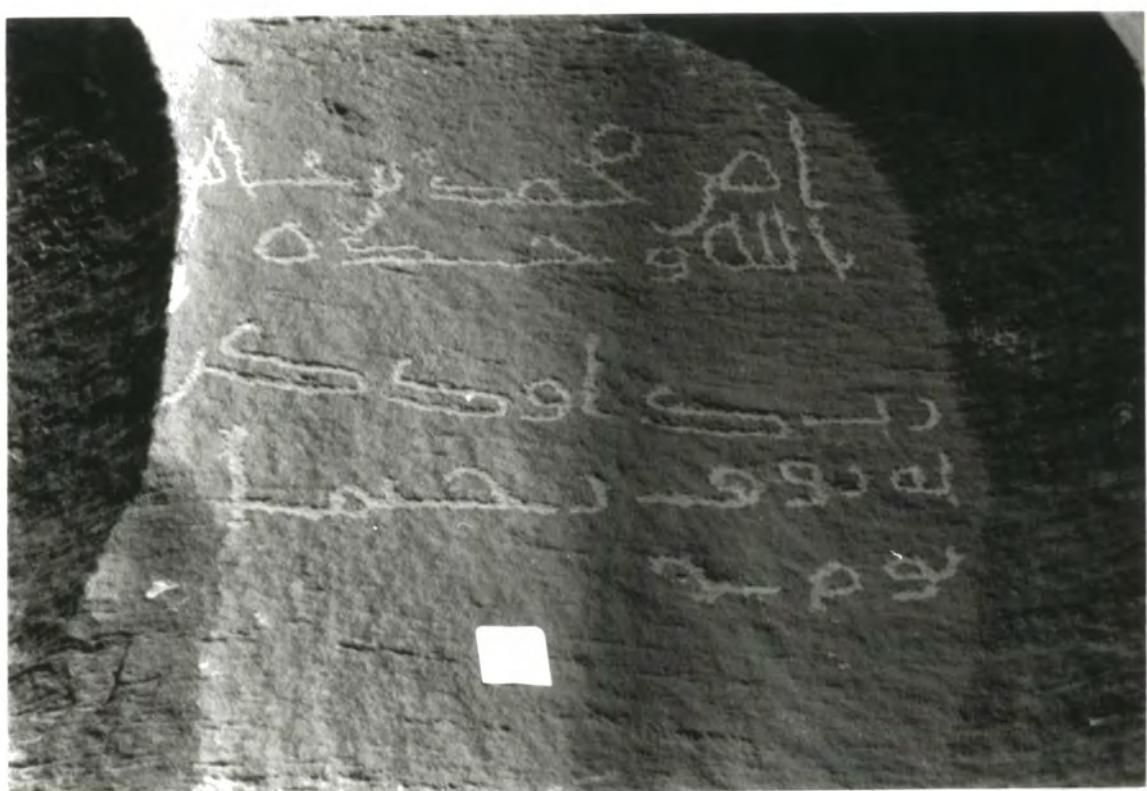


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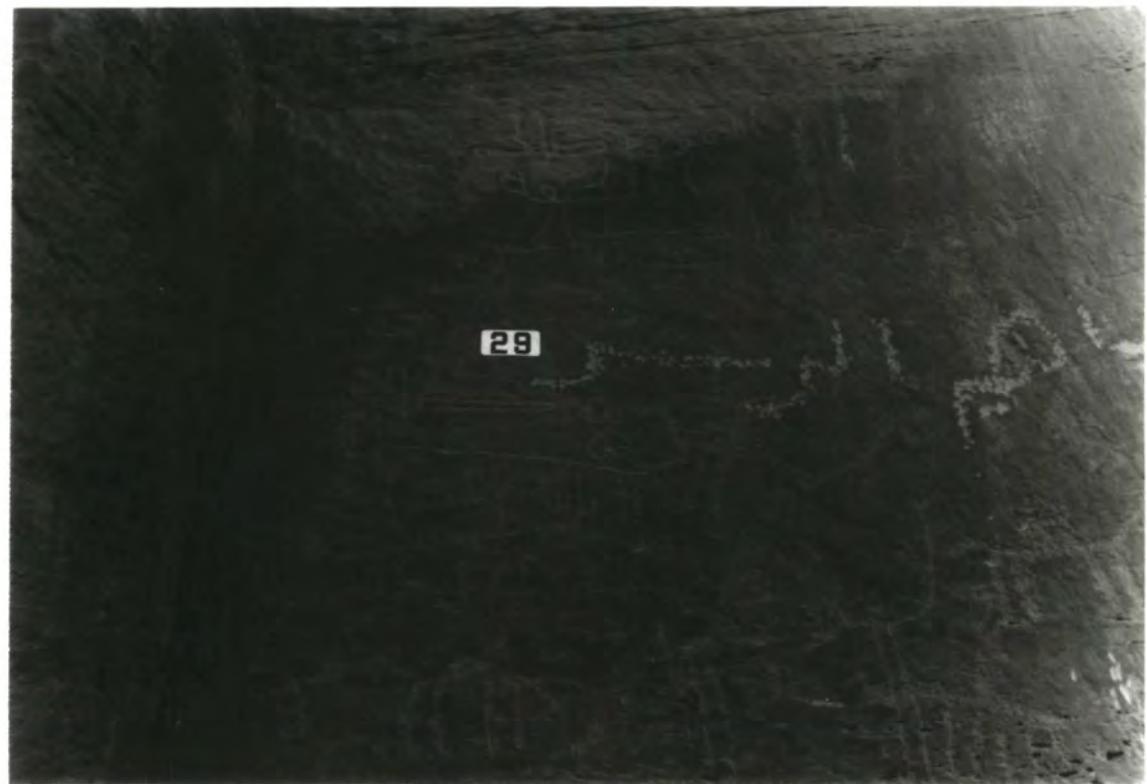


Nos. 18 and 20

PLATE LXXIV

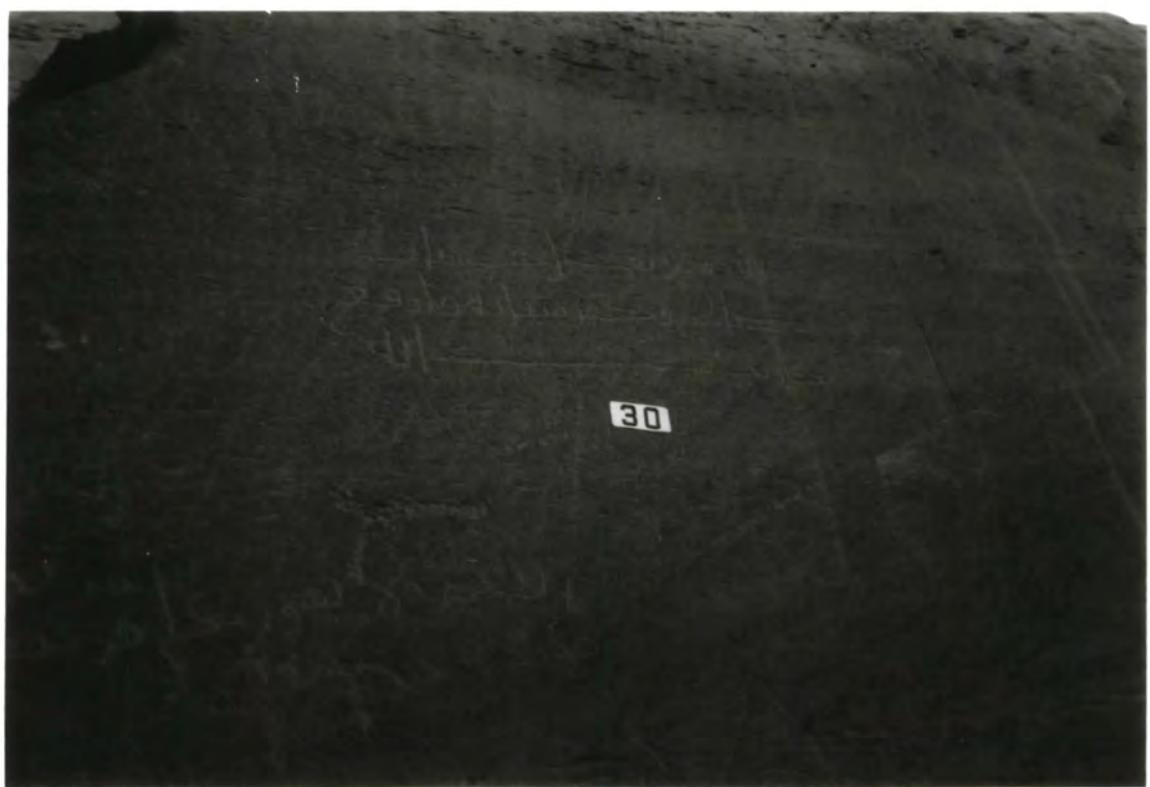


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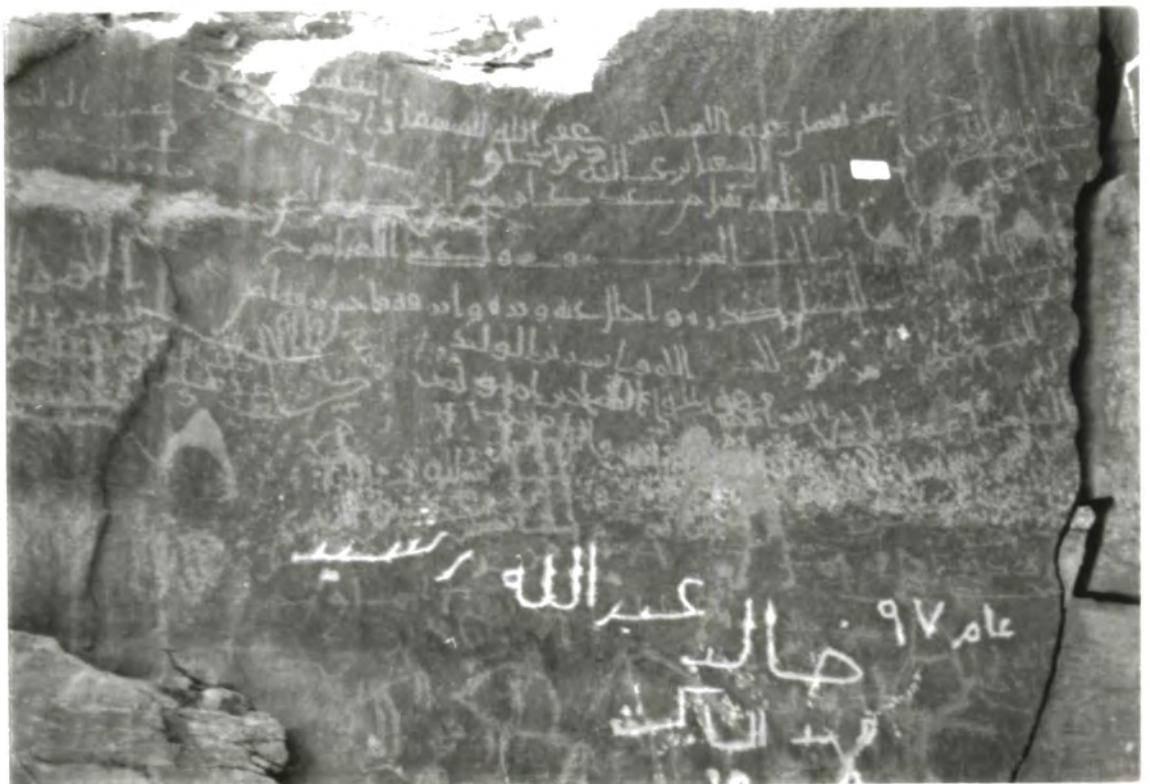


Nos. 22 and 23

PLATE LXXV

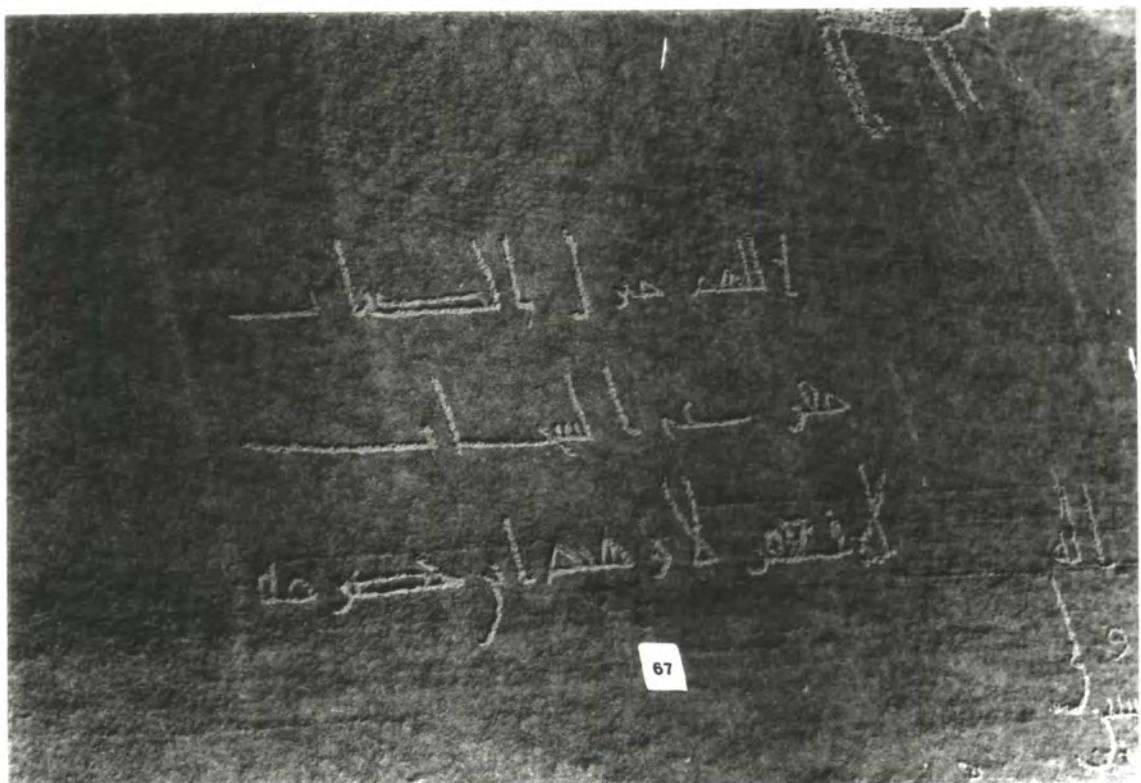


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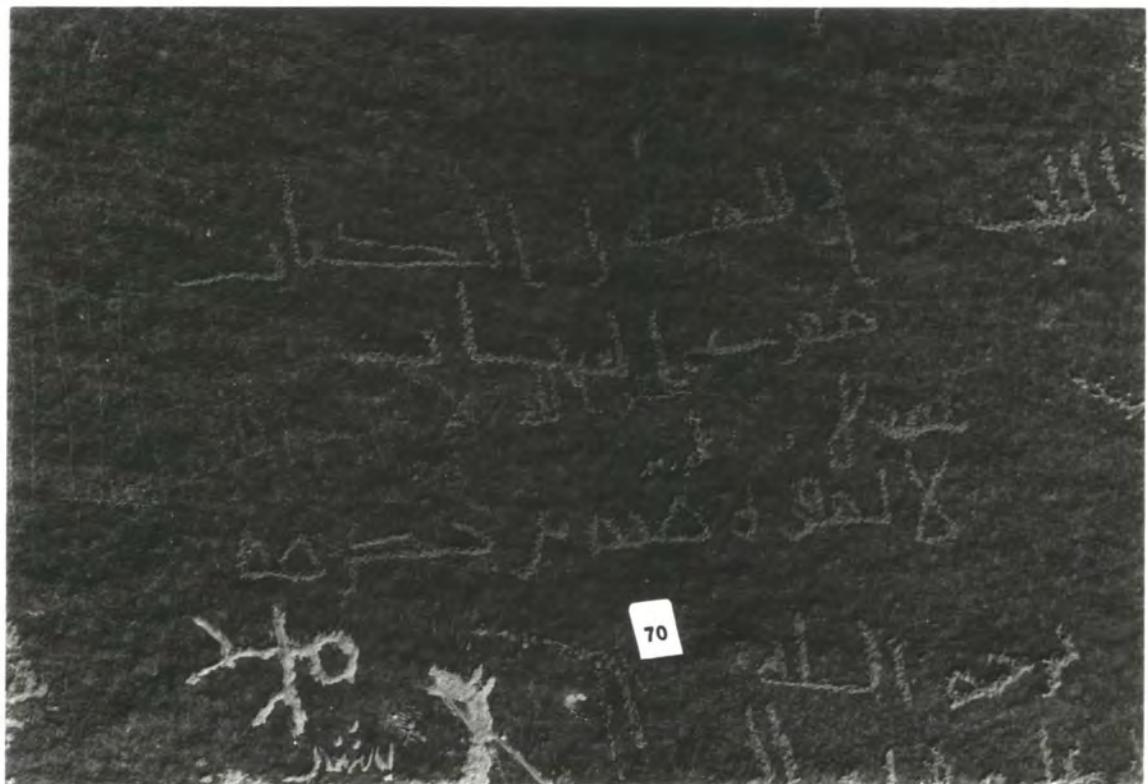


No. 25

PLATE LXXVI



No. 26

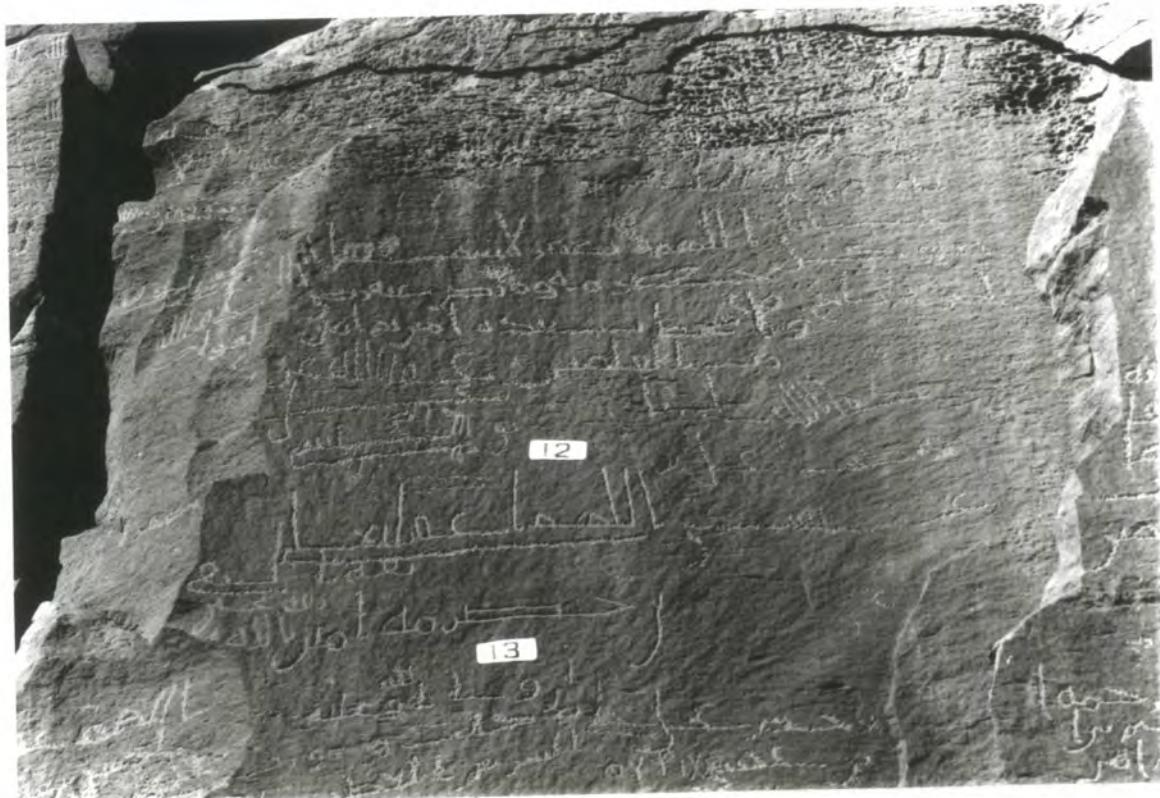


No. 27

PLATE LXXVII



No. 28

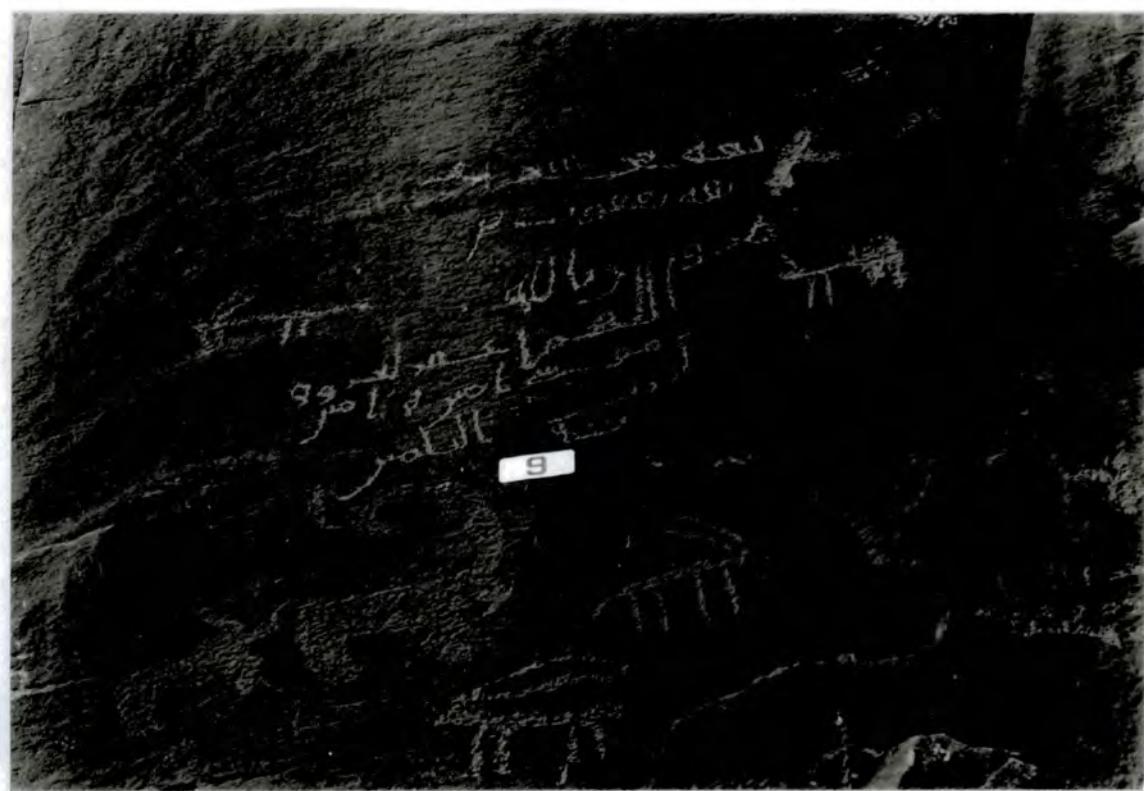


Nos. 29 and 30

PLATE LXXVIII



No. 31



No. 32

PLATE LXXIX



No. 33

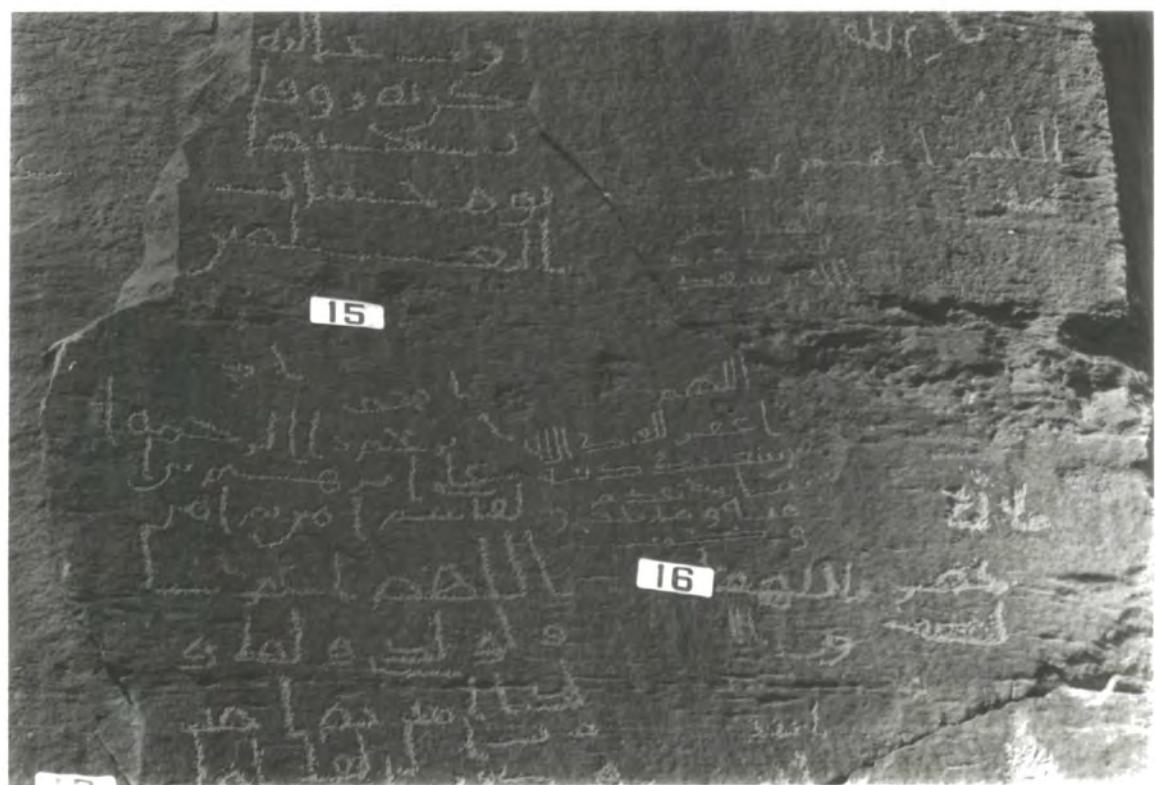


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PLATE LXXX

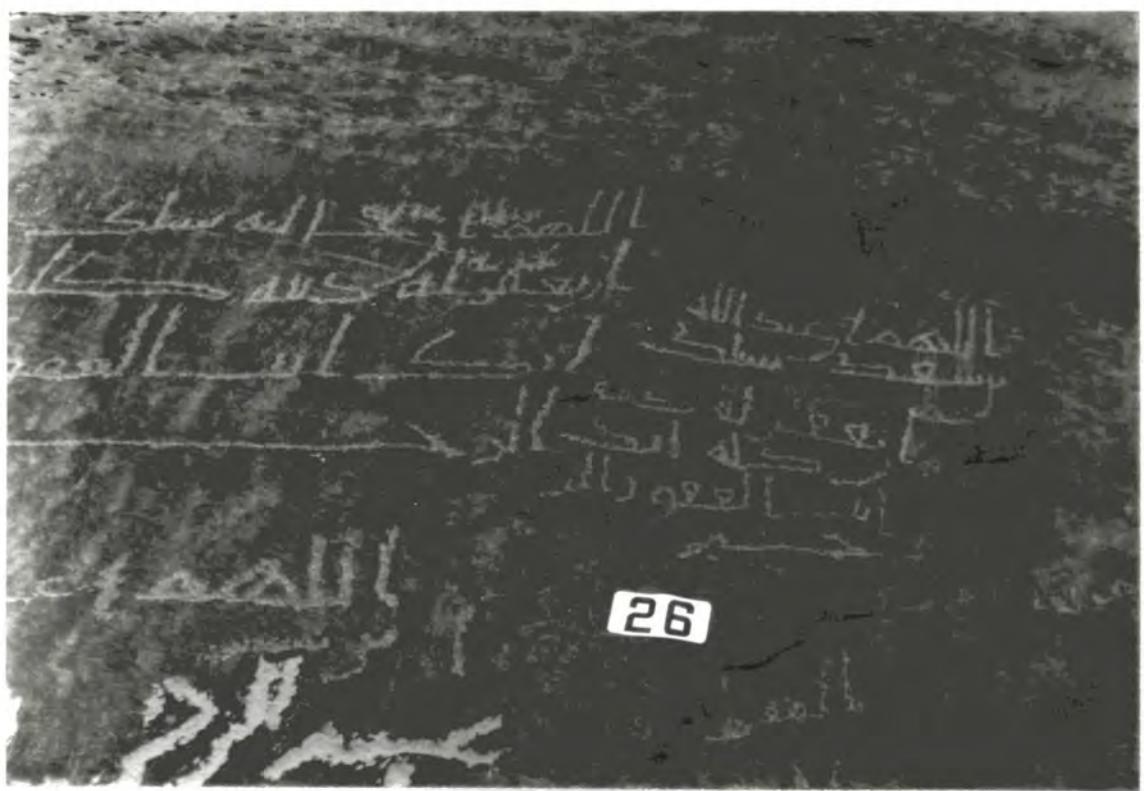


No. 35



Nos. 36 and 38

PLATE LXXXI



No. 37

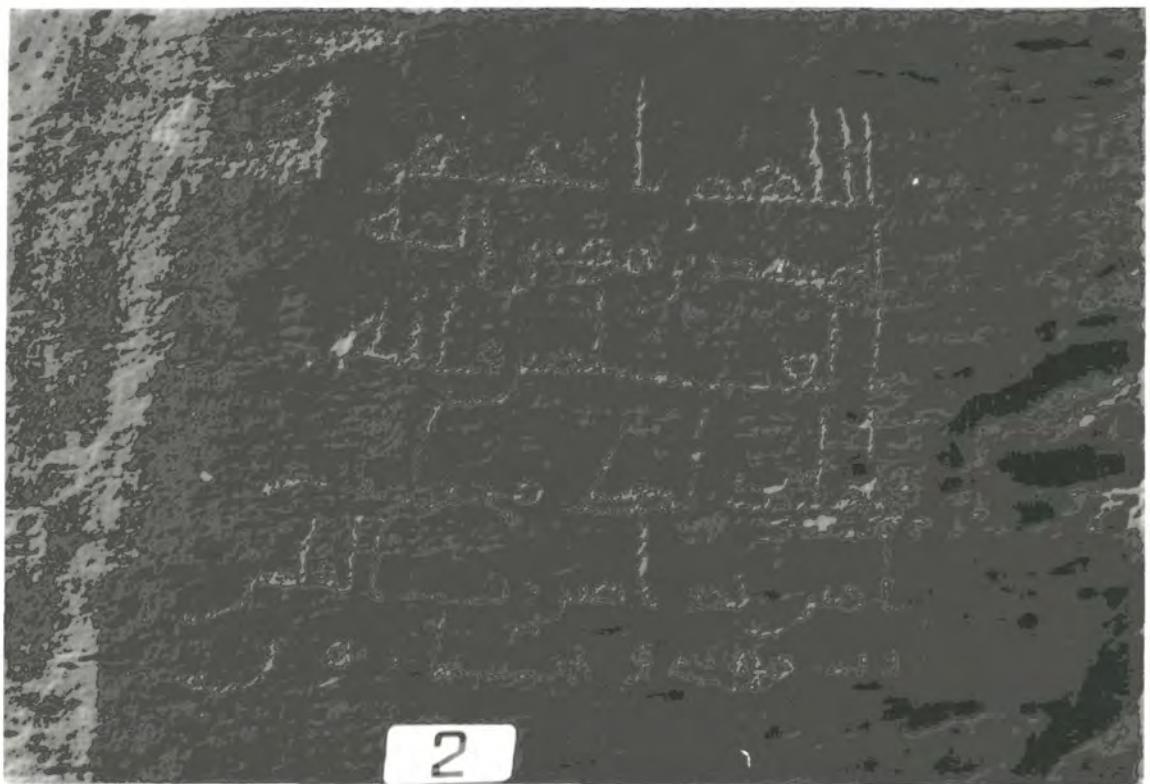


No. 39

PLATE LXXXII



No. 40

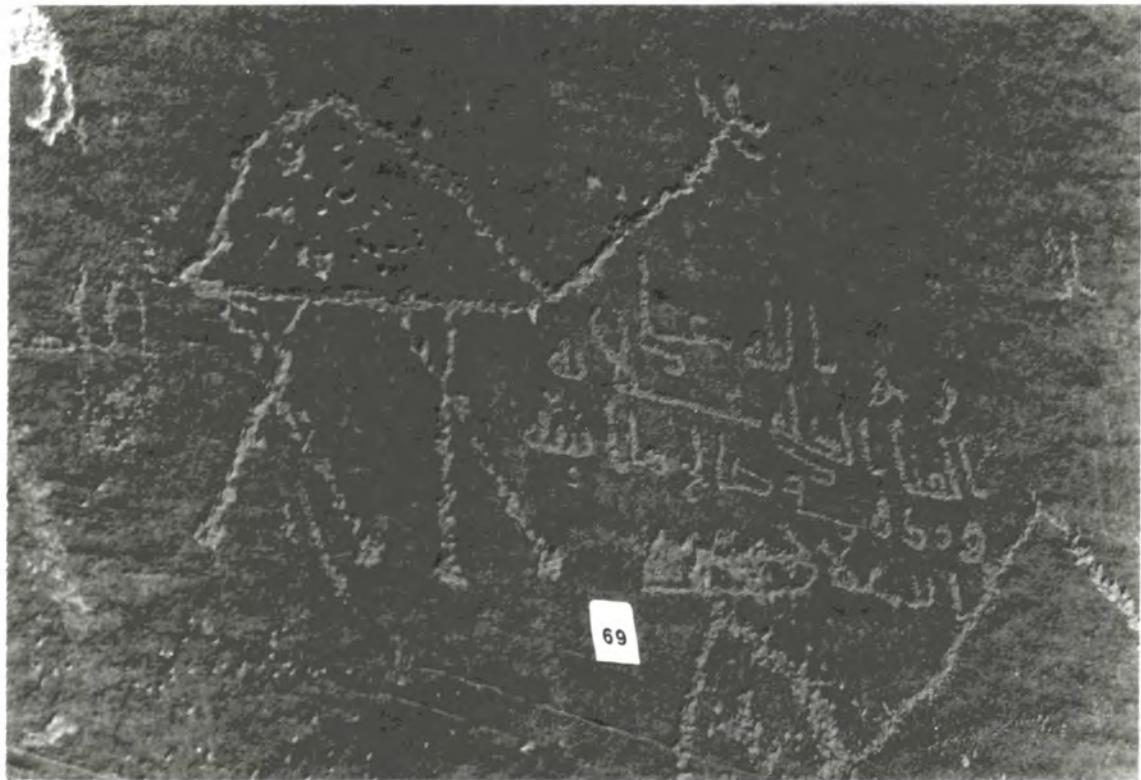


No. 41

PLATE LXXXIII



No. 42



No. 43

PLATE LXXXIV



No. 44



No. 45

PLATE LXXXV



No. 46



No. 47



FIGURE 1

GRID AND CONTOUR MAP OF AL-TUWAYR SITE IN SAKĀ

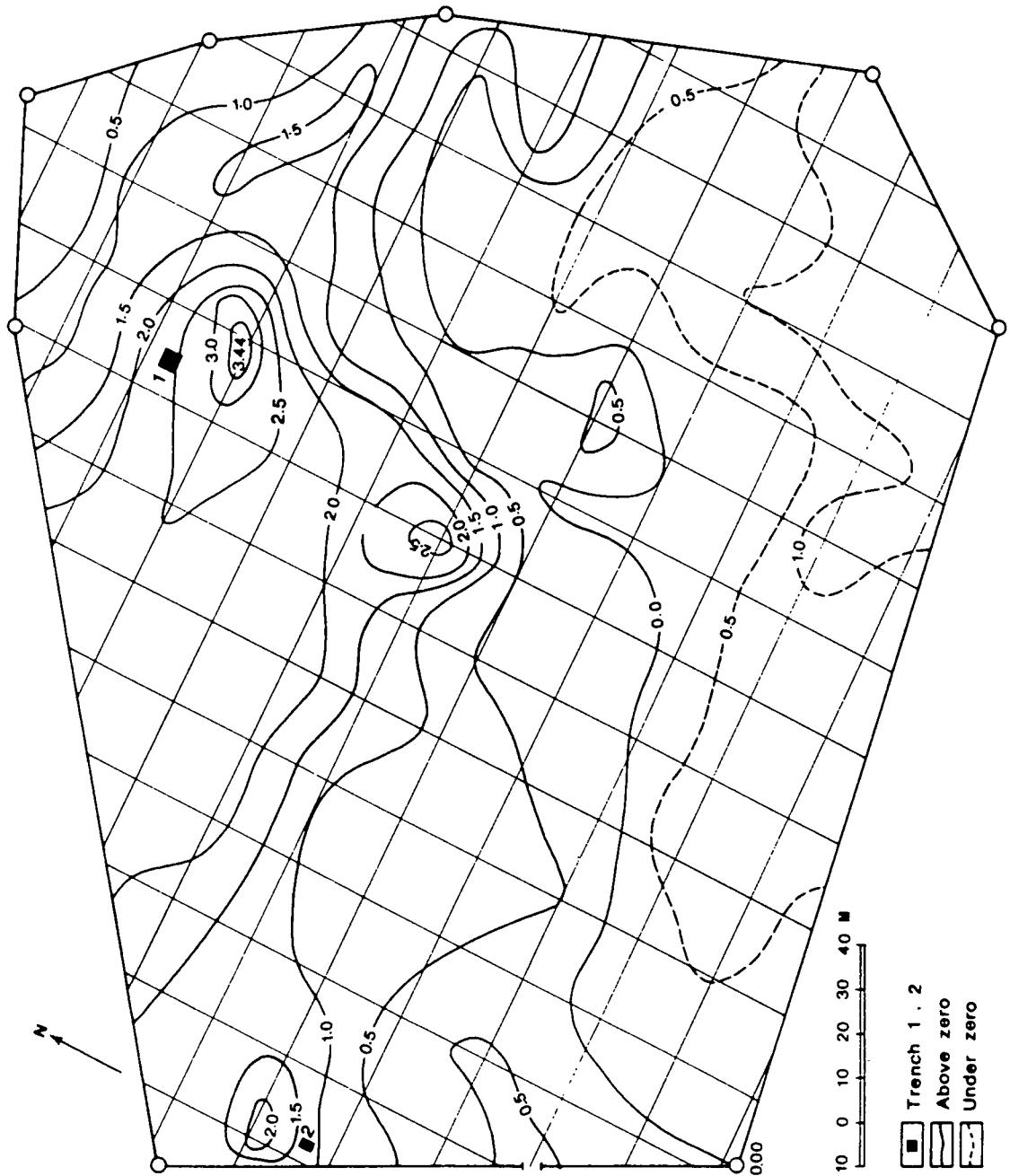
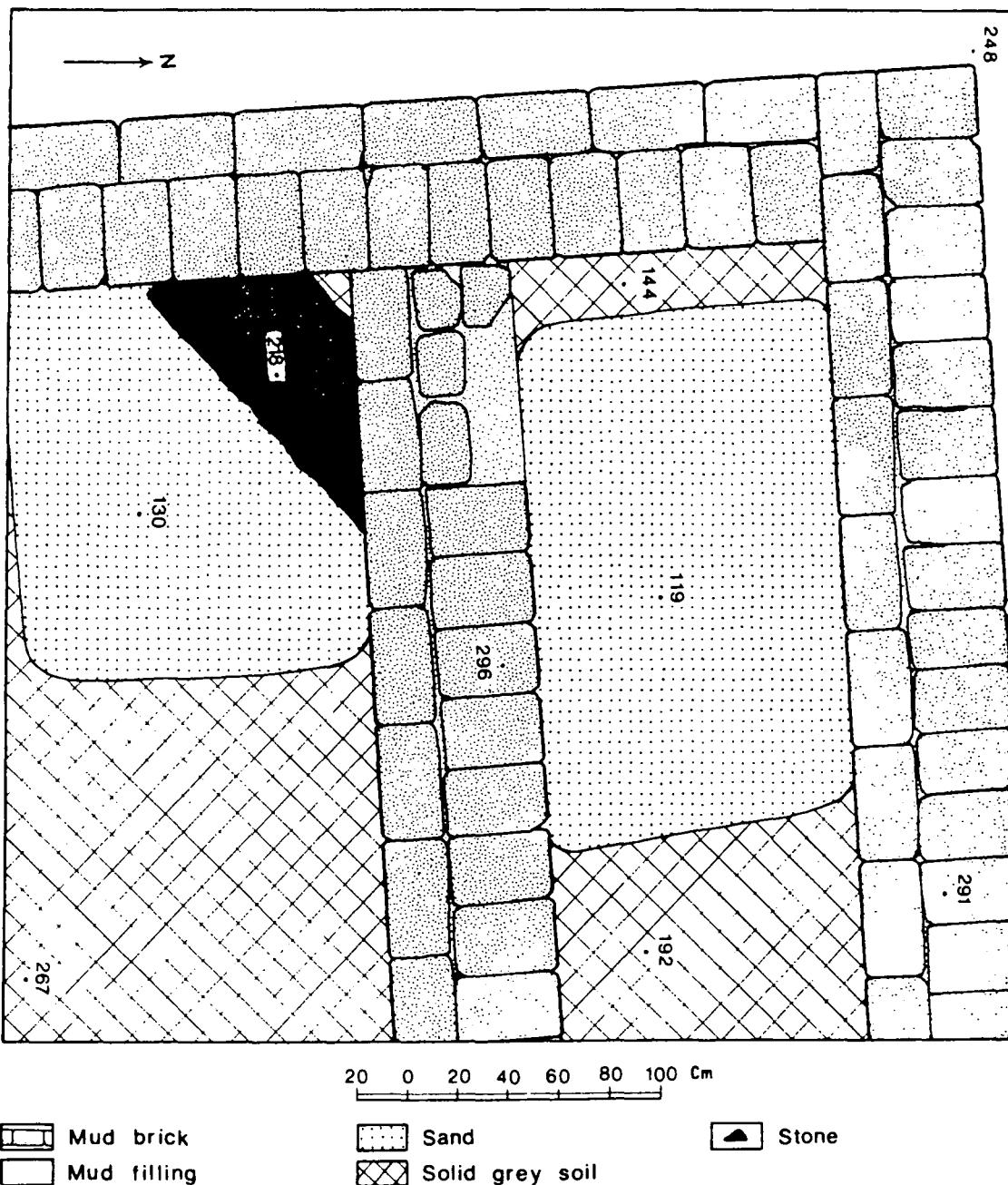
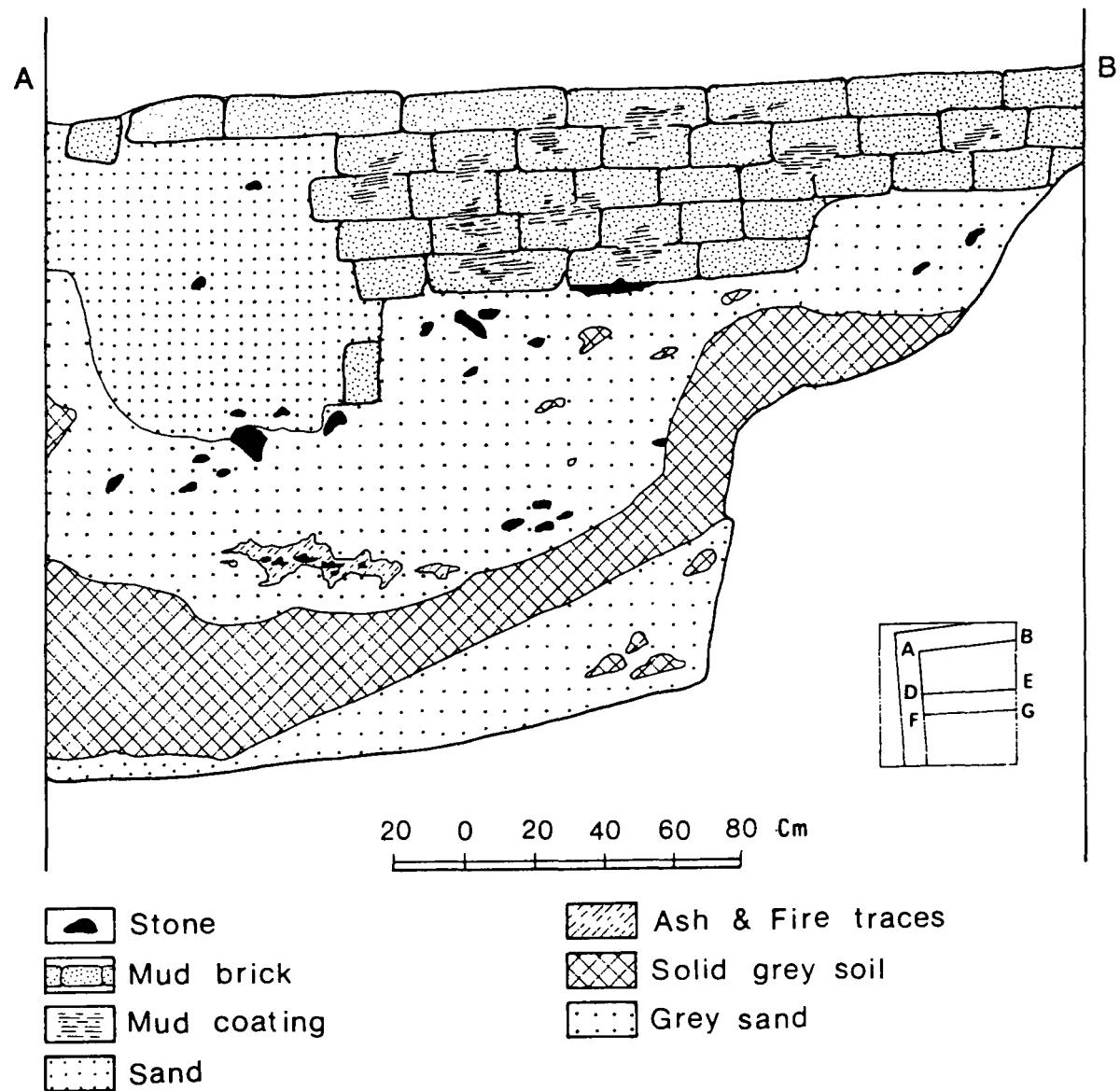


FIGURE 2



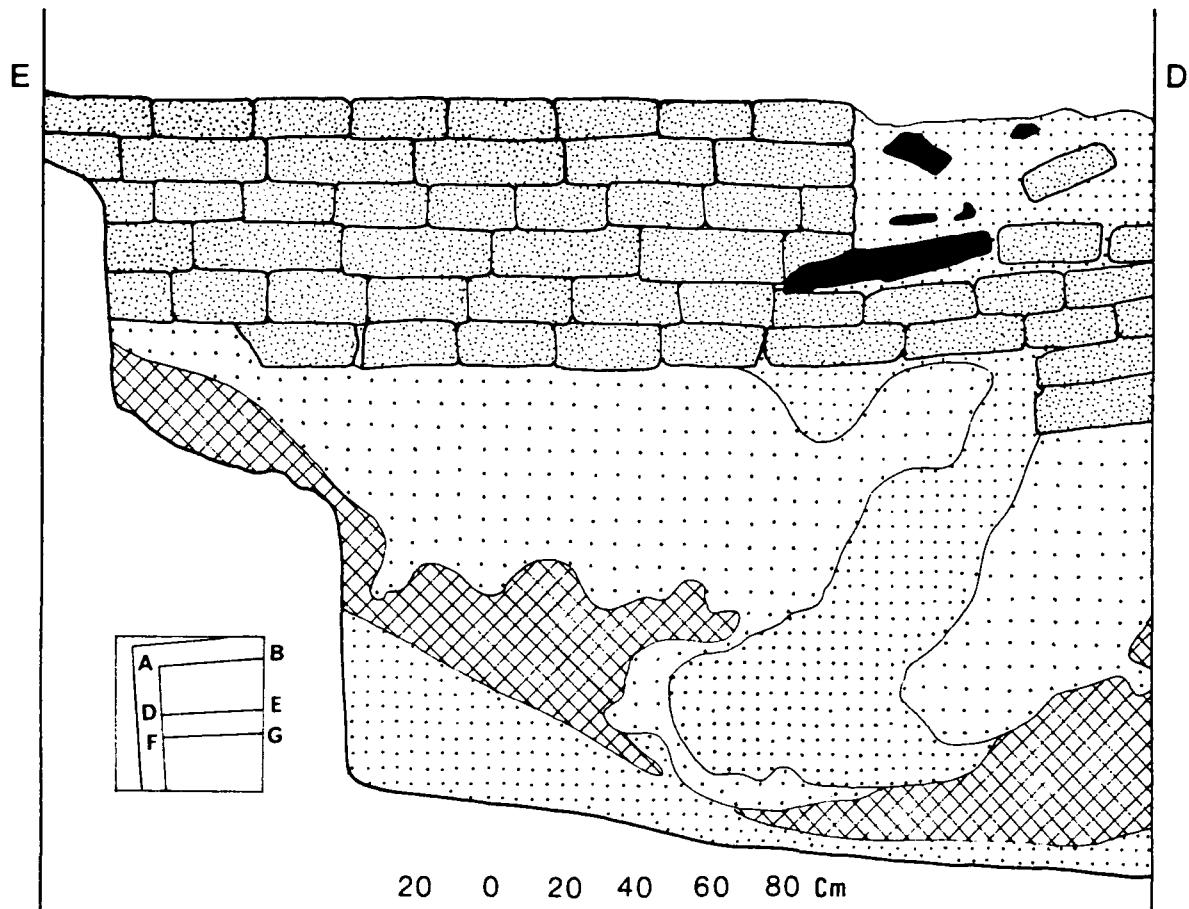
TRENCH No. 1 IN AL-TUWAYR SITE/SĀKĀKA

FIGURE 3



SECTION A,B TRENCH No. 1 IN SAKAKA

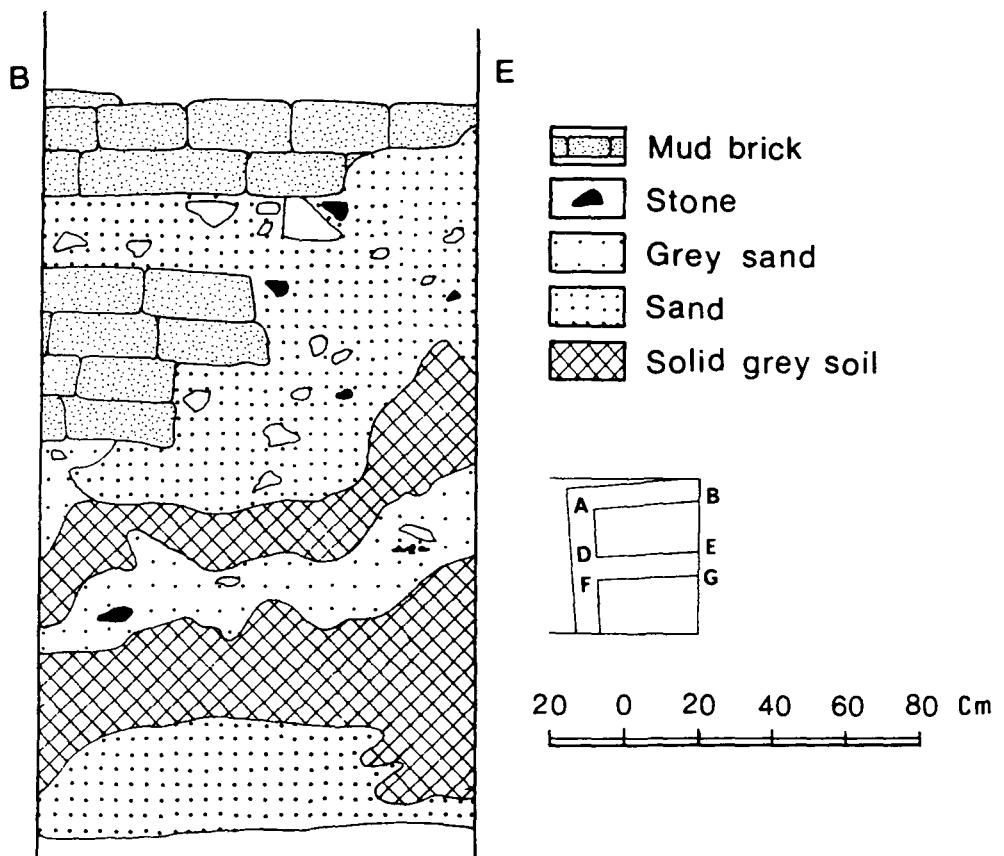
FIGURE 4



- | | | | |
|--|-----------------|--|-----------|
| | Stone | | Sand |
| | Mud brick | | Grey sand |
| | Solid grey soil | | |

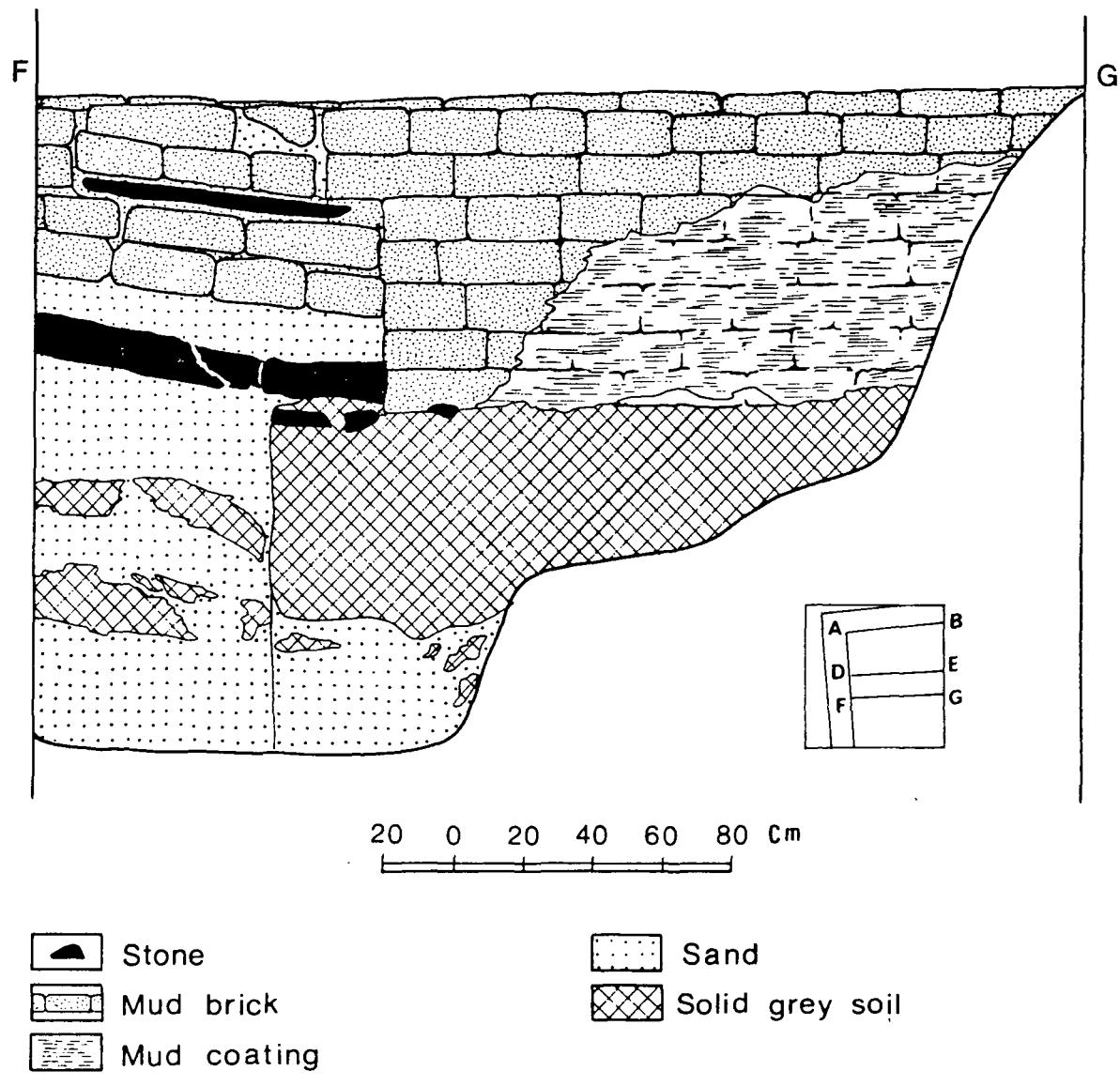
SECTION E,D TRENCH No. 1 IN SAKĀKĀ

FIGURE 5



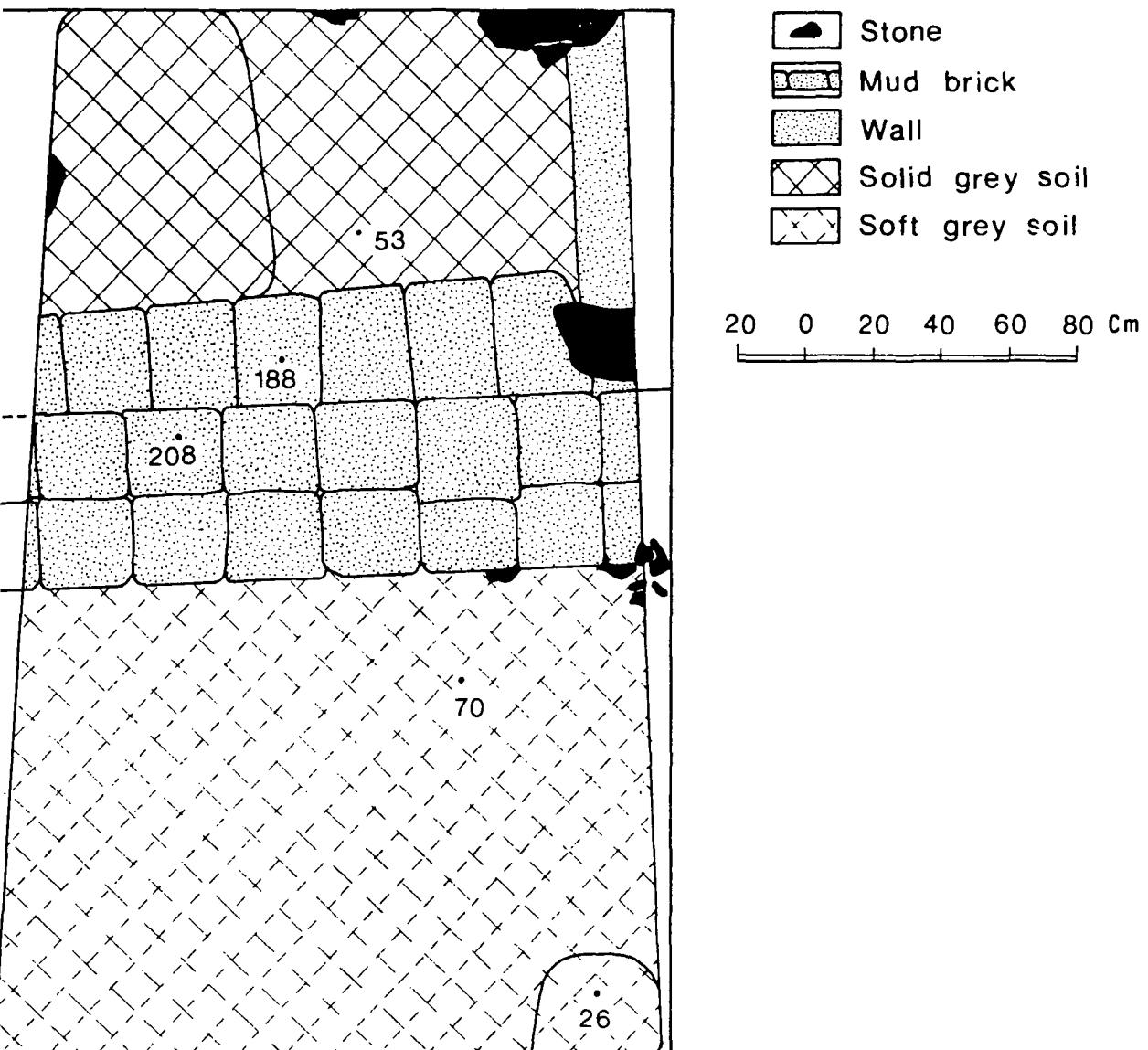
SECTION B,E TRENCH No.1 IN SAKAKĀ

FIGURE 6



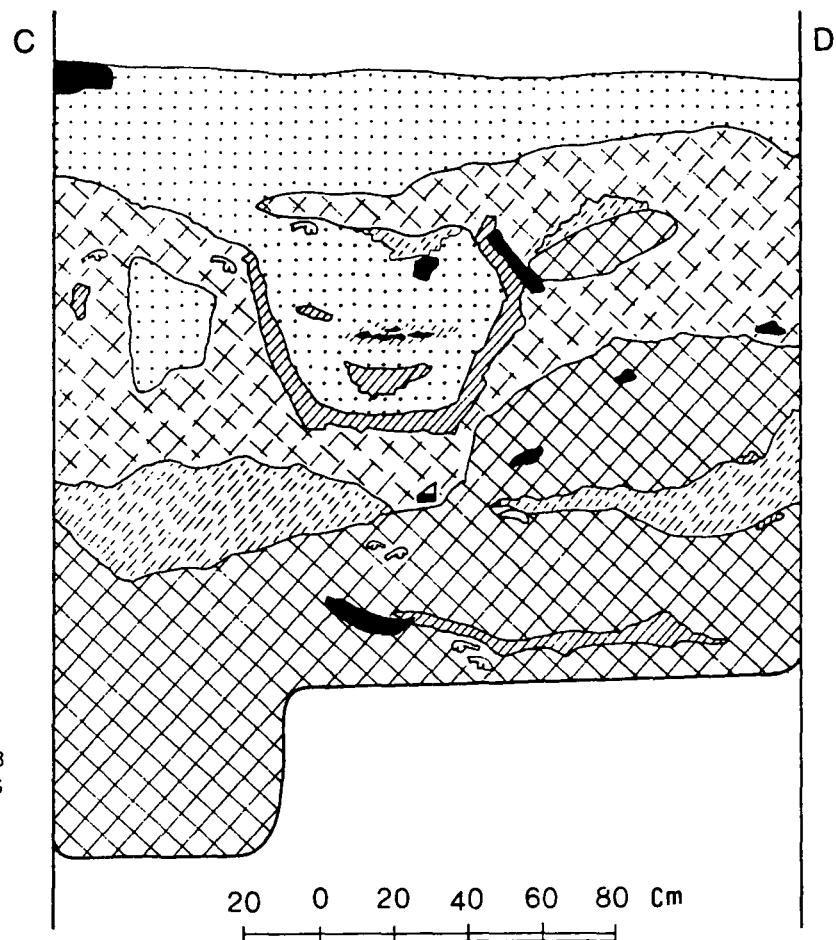
SECTION F,G TRENCH No. 1 IN SAKAKA

FIGURE 7



TRENCH No. 2 IN AL-TUWAYR SITE/SAKĀKĀ

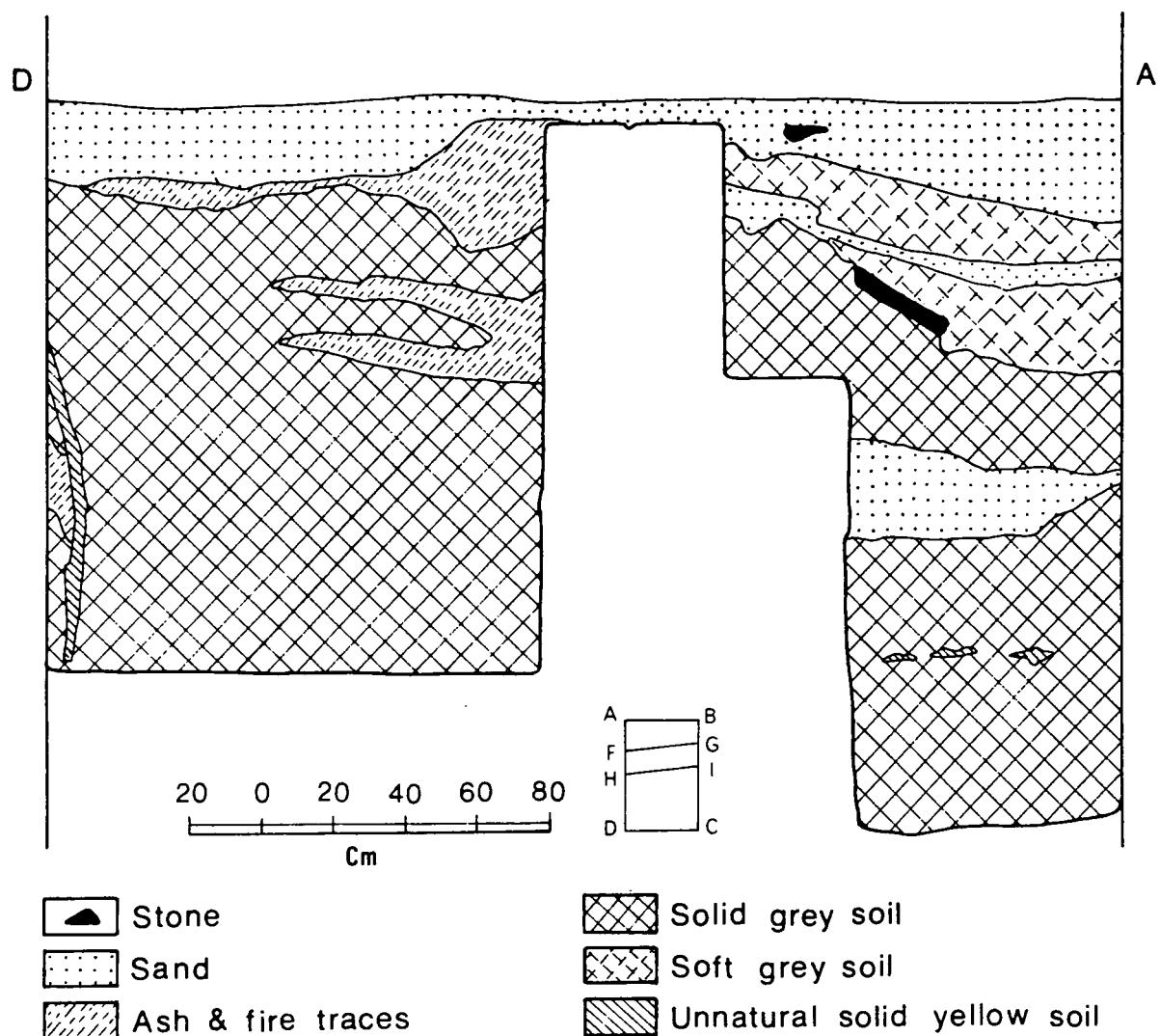
FIGURE 8



- | | |
|-----------------|-----------------------------|
| Stone | Ash & fire traces |
| Sand | Unnatural solid yellow soil |
| Solid grey soil | Animal bone |
| Soft grey soil | Pottery |
| Charcoal | |

SECTION C,D TRENCH No. 2 IN SAKAKĀ

FIGURE 9



SECTION D,A TRENCH No. 2 IN SAKĀKĀ

FIGURE 10

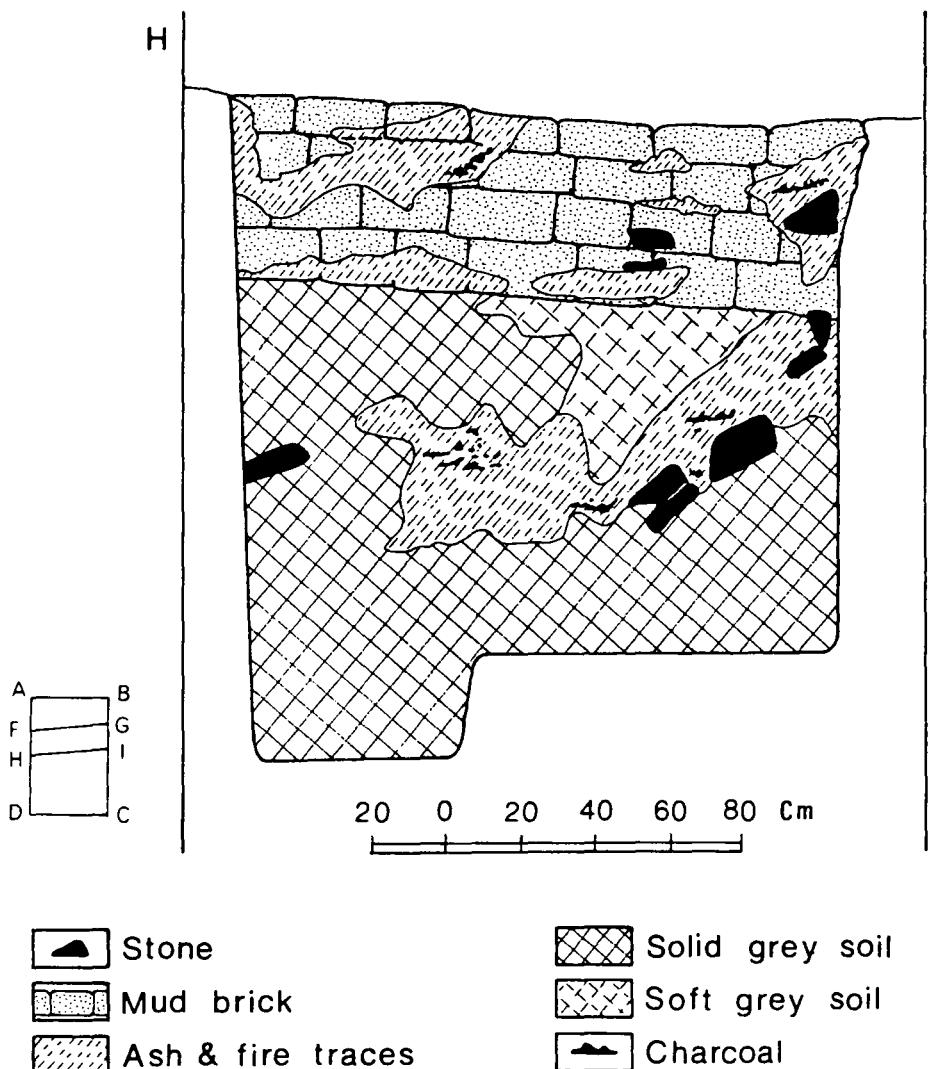
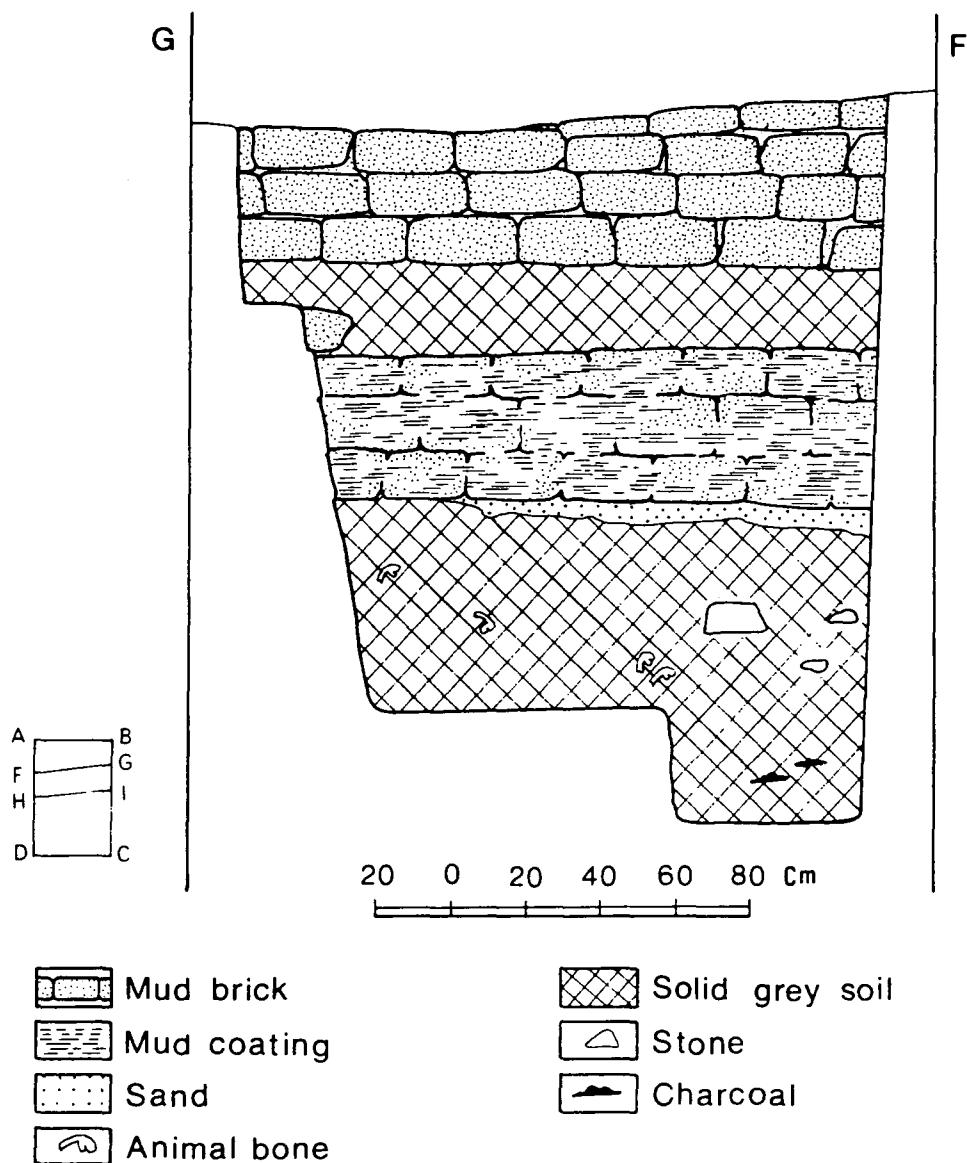
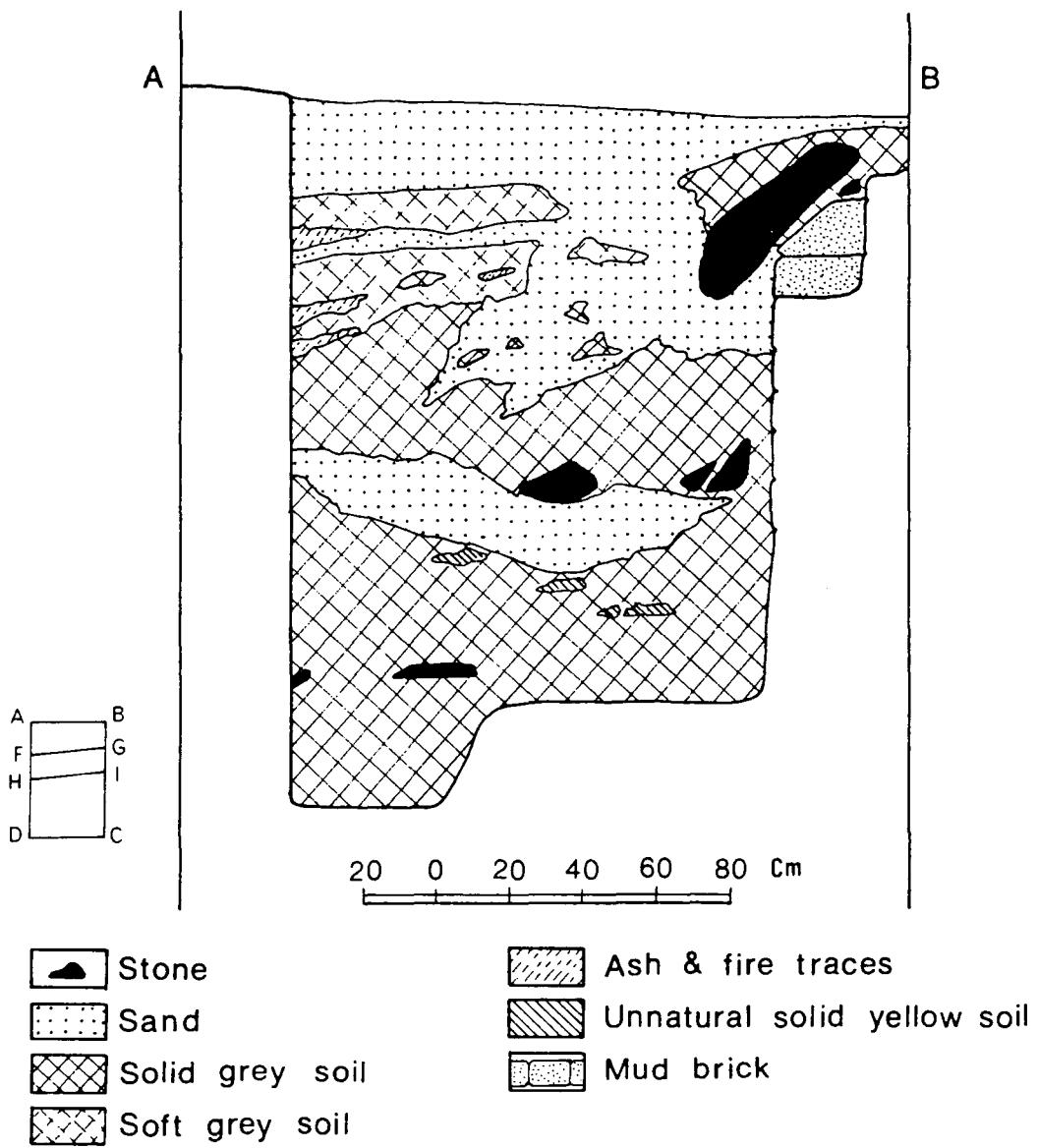


FIGURE 11



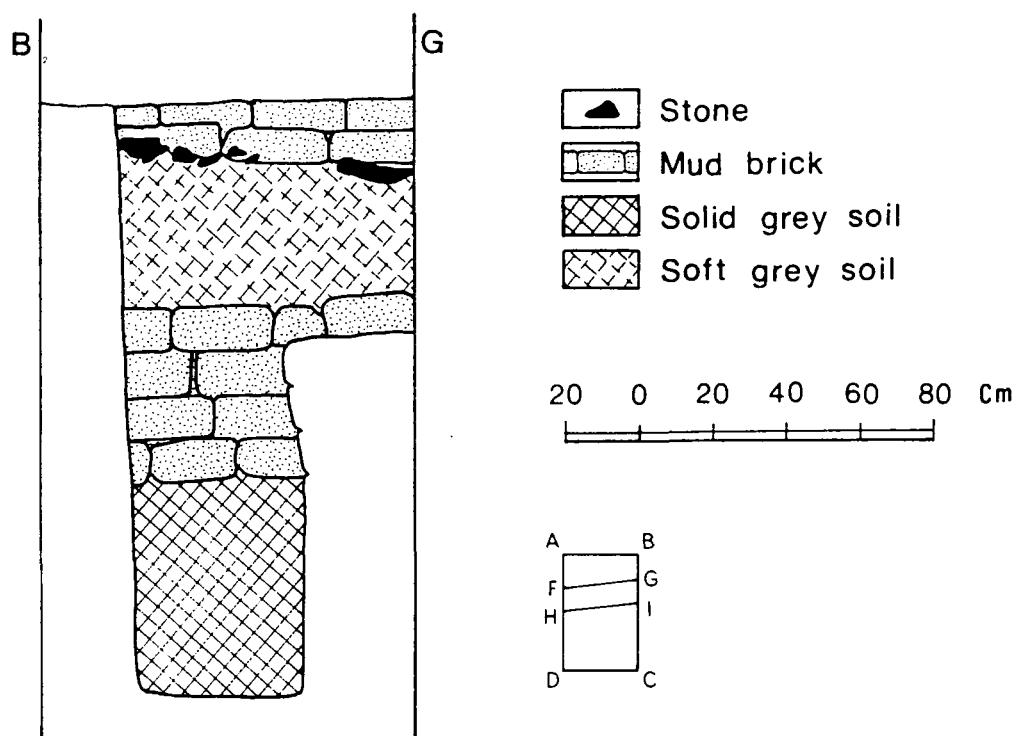
SECTION G,F TRENCH No.2 IN SAKAKĀ

FIGURE 12



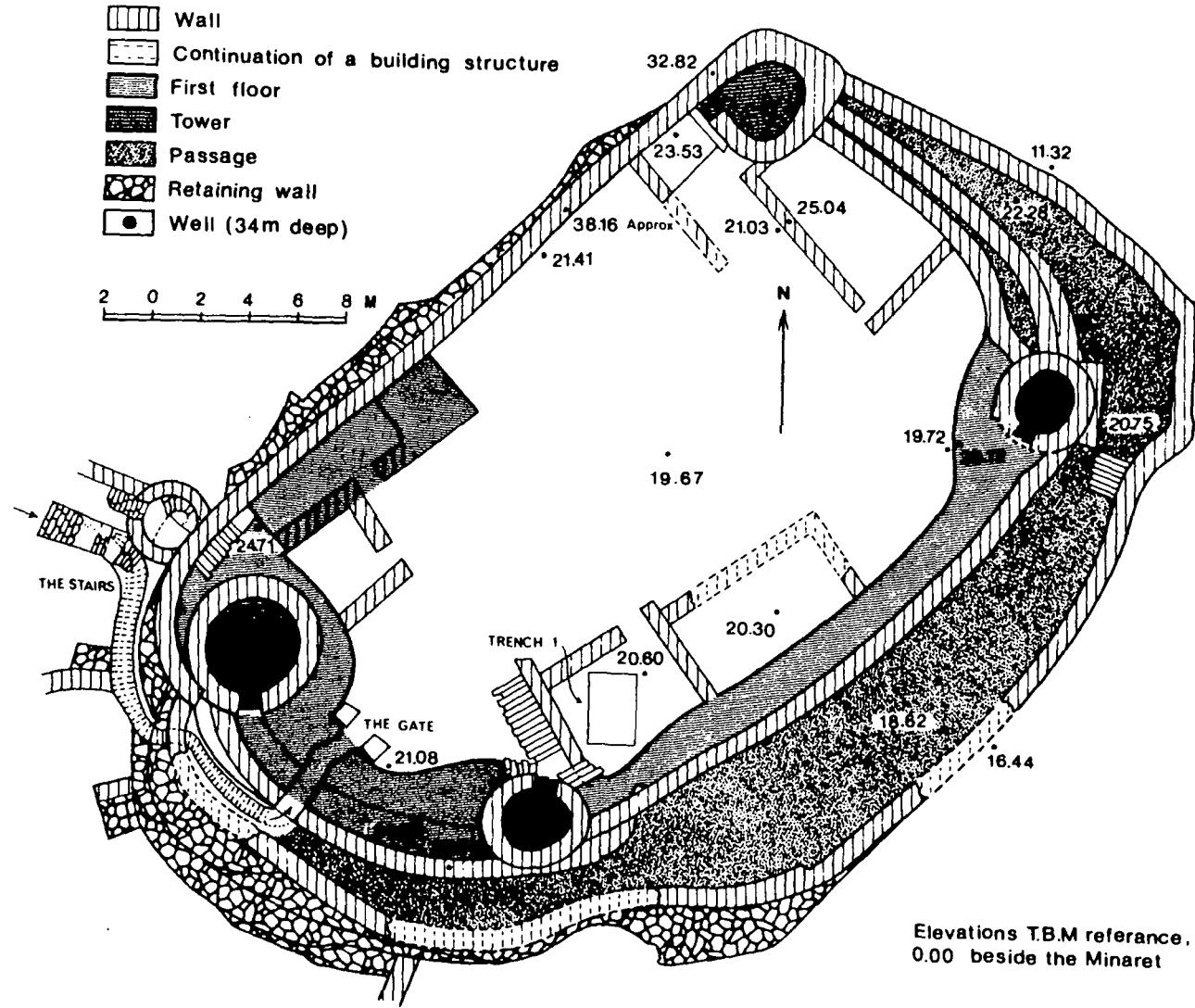
SECTION A,B TRENCH No. 2 IN SAKAKĀ

FIGURE 13



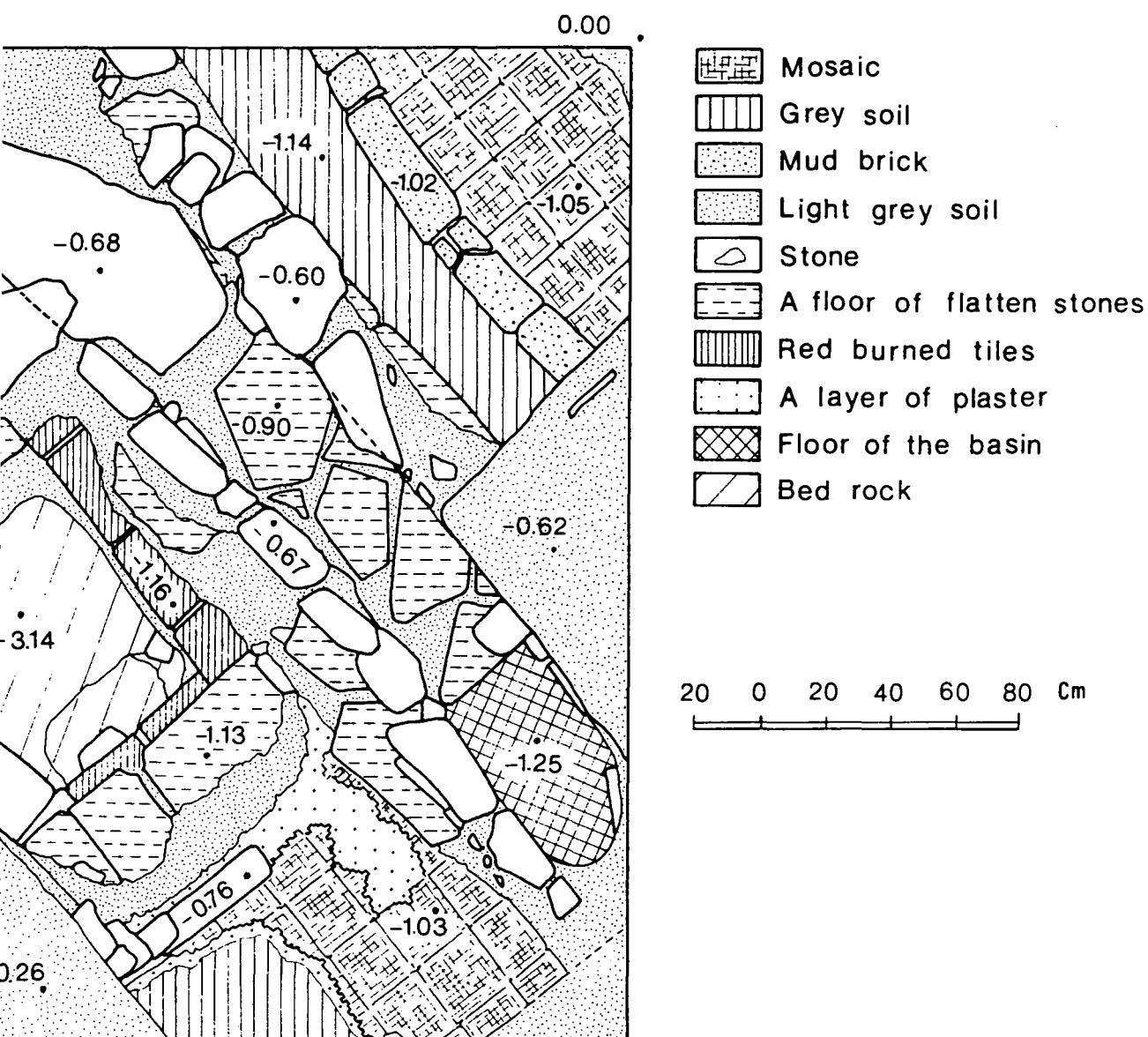
SECTION B,G TRENCH No. 2 IN SAKAKĀ

FIGURE 14



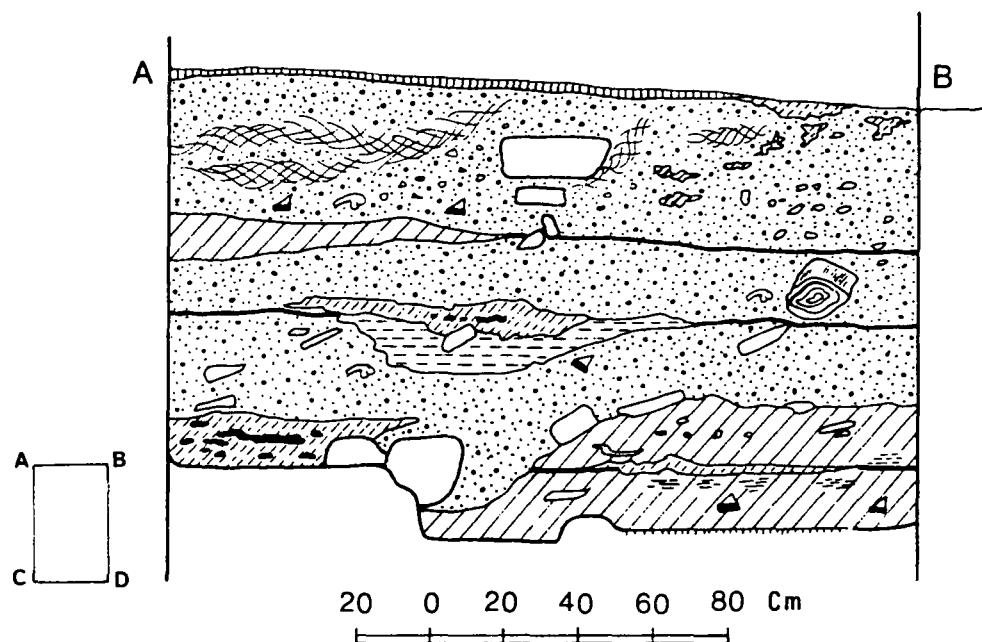
PLAN OF MĀRID CASTLE IN DŪMAT AL-JANDAL

FIGURE 15



TRENCH NO. (1) IN MĀRID CASTLE / DŪMAT AL-JANDAL

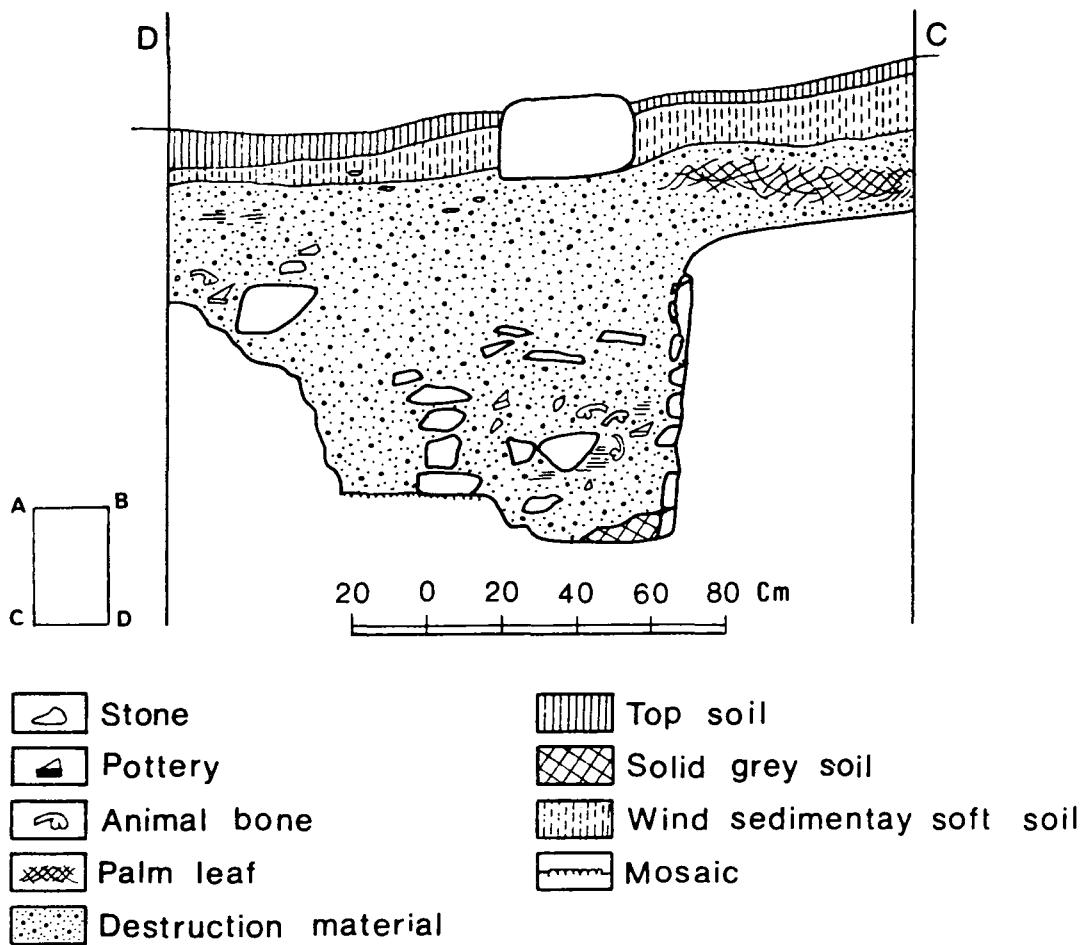
FIGURE 16



| | | | |
|---|----------------------|---|------------------------------|
|  | Stone |  | Ash & fire traces |
|  | Tree trunk |  | Top soil |
|  | Pottery |  | Soft light brown soil |
|  | Animal bone |  | Charcoal |
|  | Palm leaf |  | Soft red soil caused of fire |
|  | Destruction material |  | Plaster debris |
|  | Floor | | |

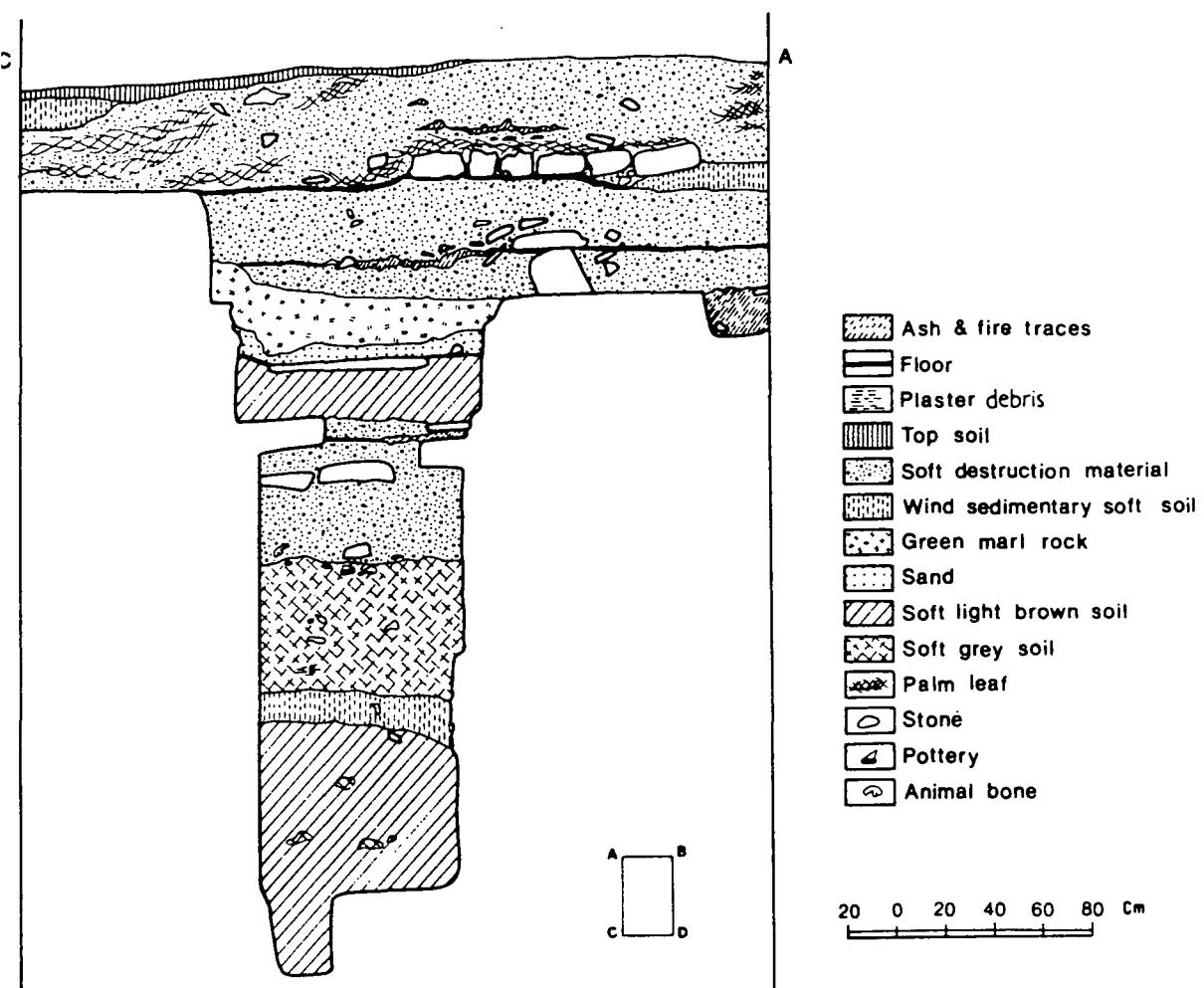
SECTION A,B TRENCH No. 1 IN DŪMAT AL-JANDAL

FIGURE 17



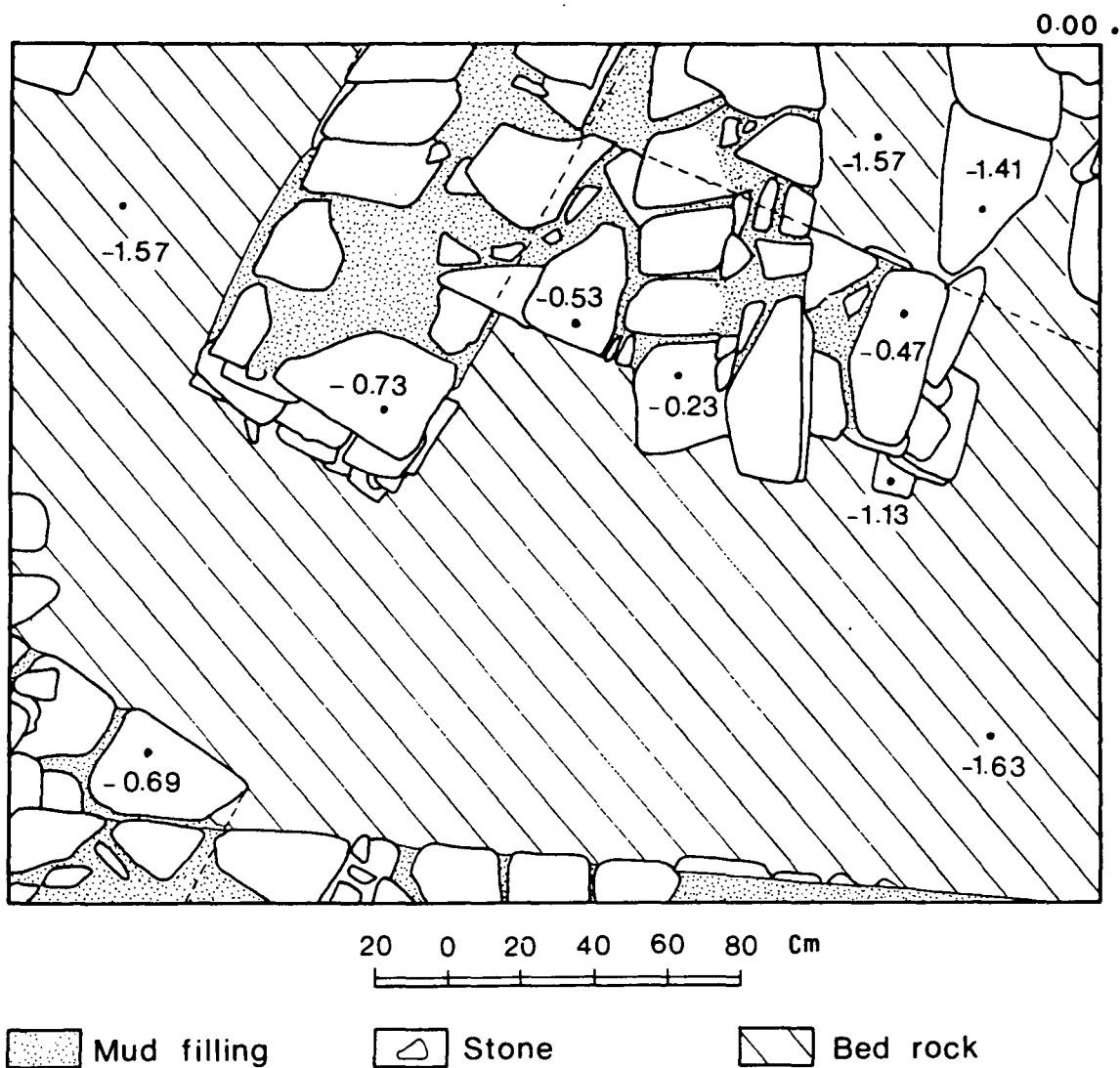
SECTION D,C TRENCH No. 1 IN DUMAT AL-JANDAL

FIGURE 18



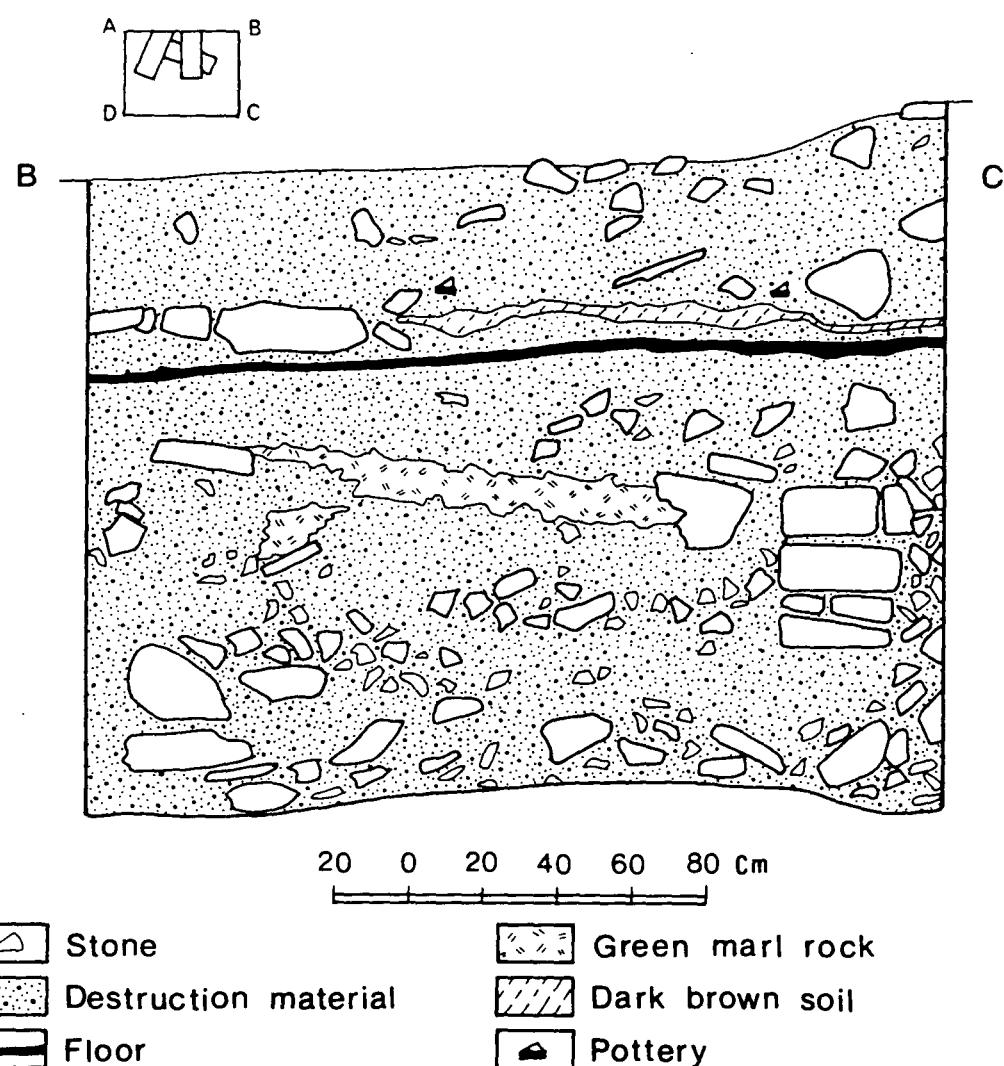
SECTION C,A TRENCH No. 1 IN DUMAT AL-JANDAL

FIGURE 19



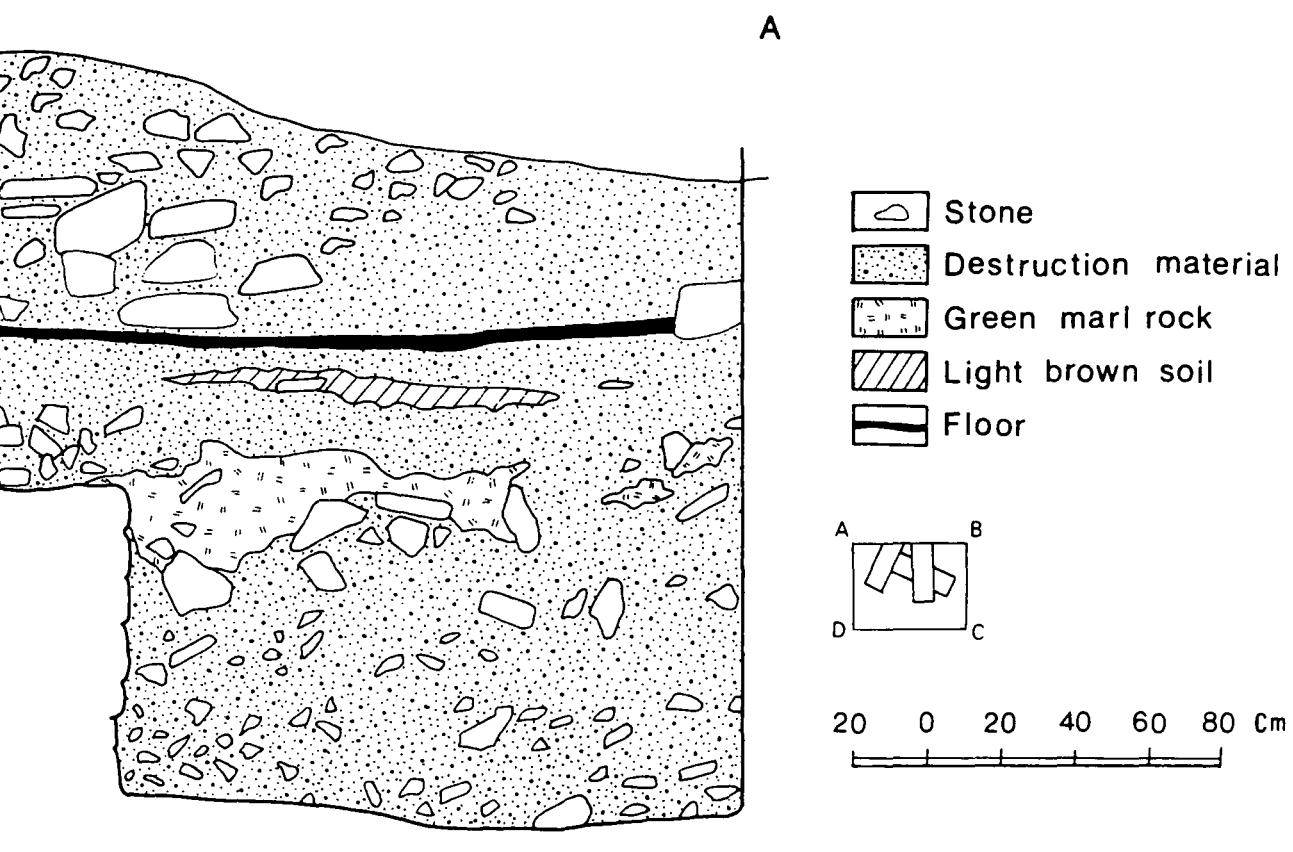
TRENCH NO. (2) IN THE RESIDENTIAL AREA / DUMAT AL-JANDAL

FIGURE 20



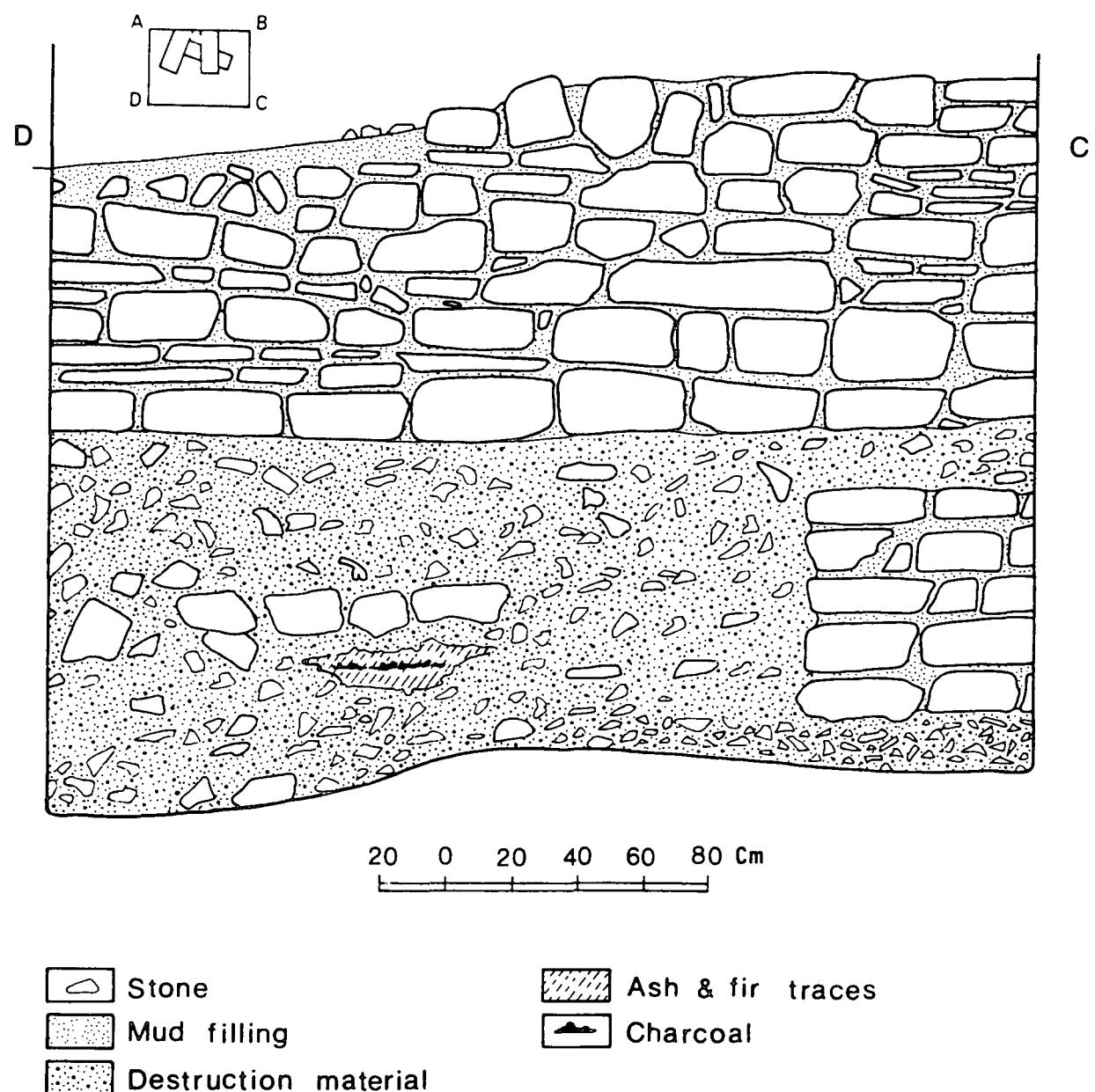
SECTION B,C TRENCH No. 2 IN DUMAT AL-JANDAL

FIGURE 21



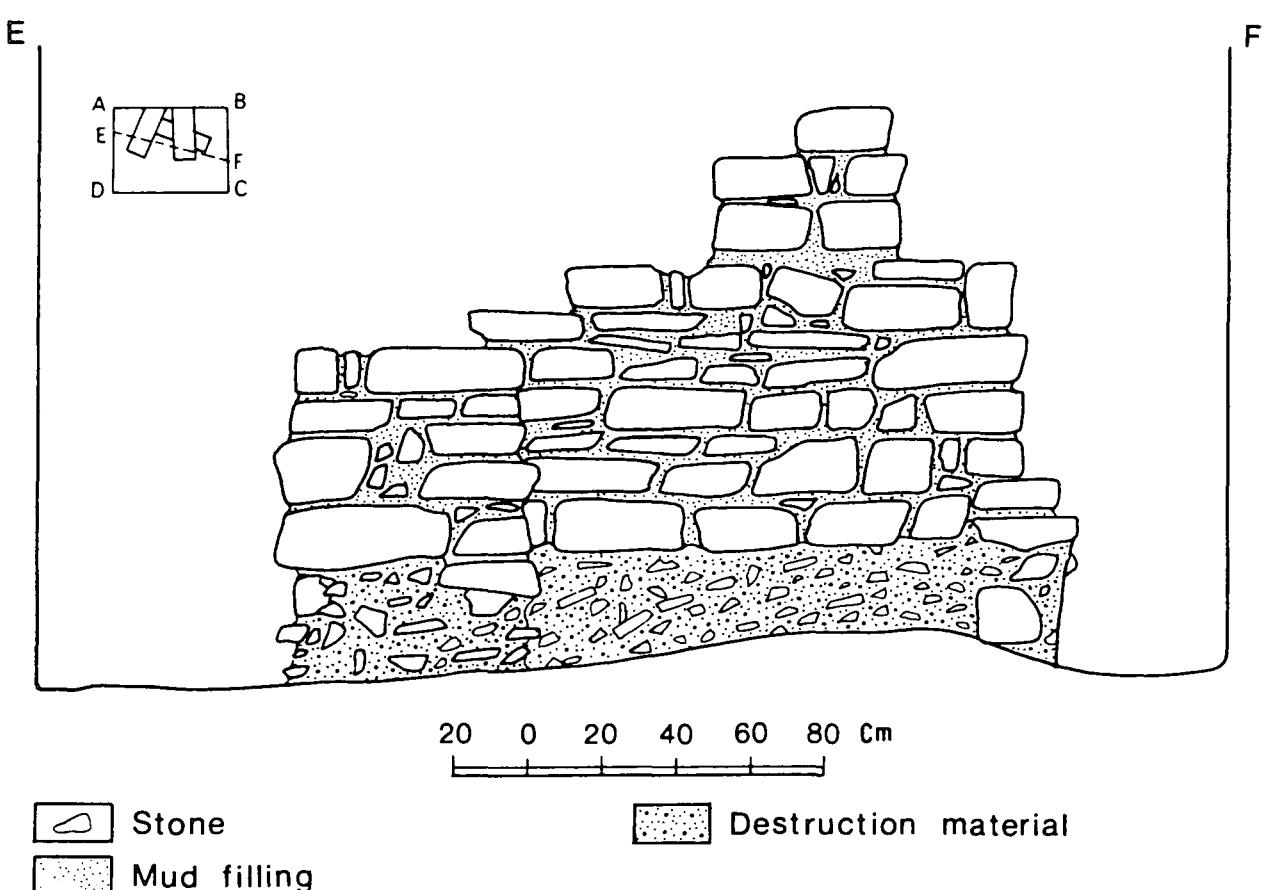
SECTION D,A TRENCH No. 2 IN DUMAT AL-JANDAL

FIGURE 22



SECTION D,C TRENCH No. 2 , DUMAT AL-JANDAL

FIGURE 23



SECTION E,F TRENCH No. 2 DUMAT AL-JANDAL

FIGURE 24

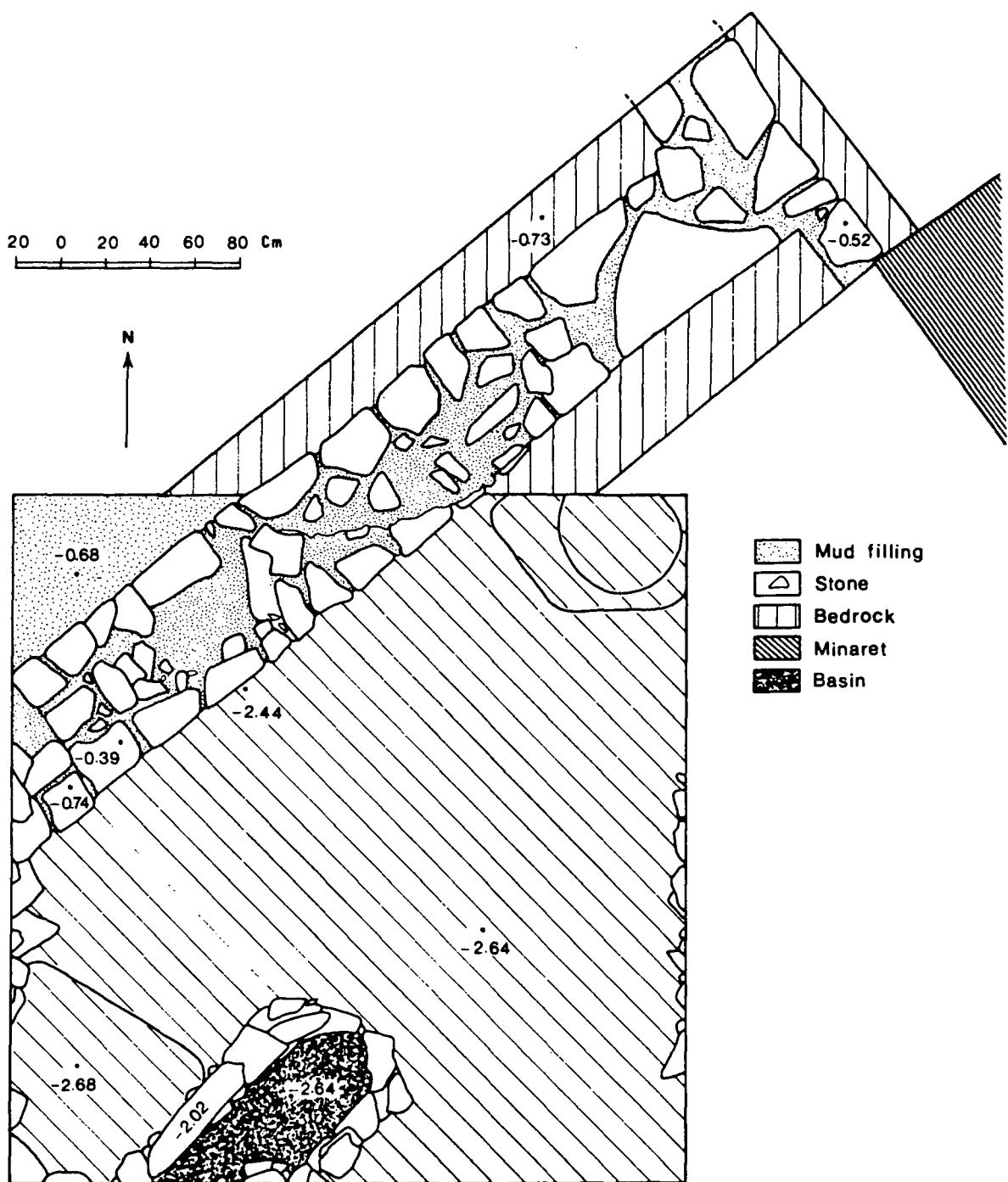
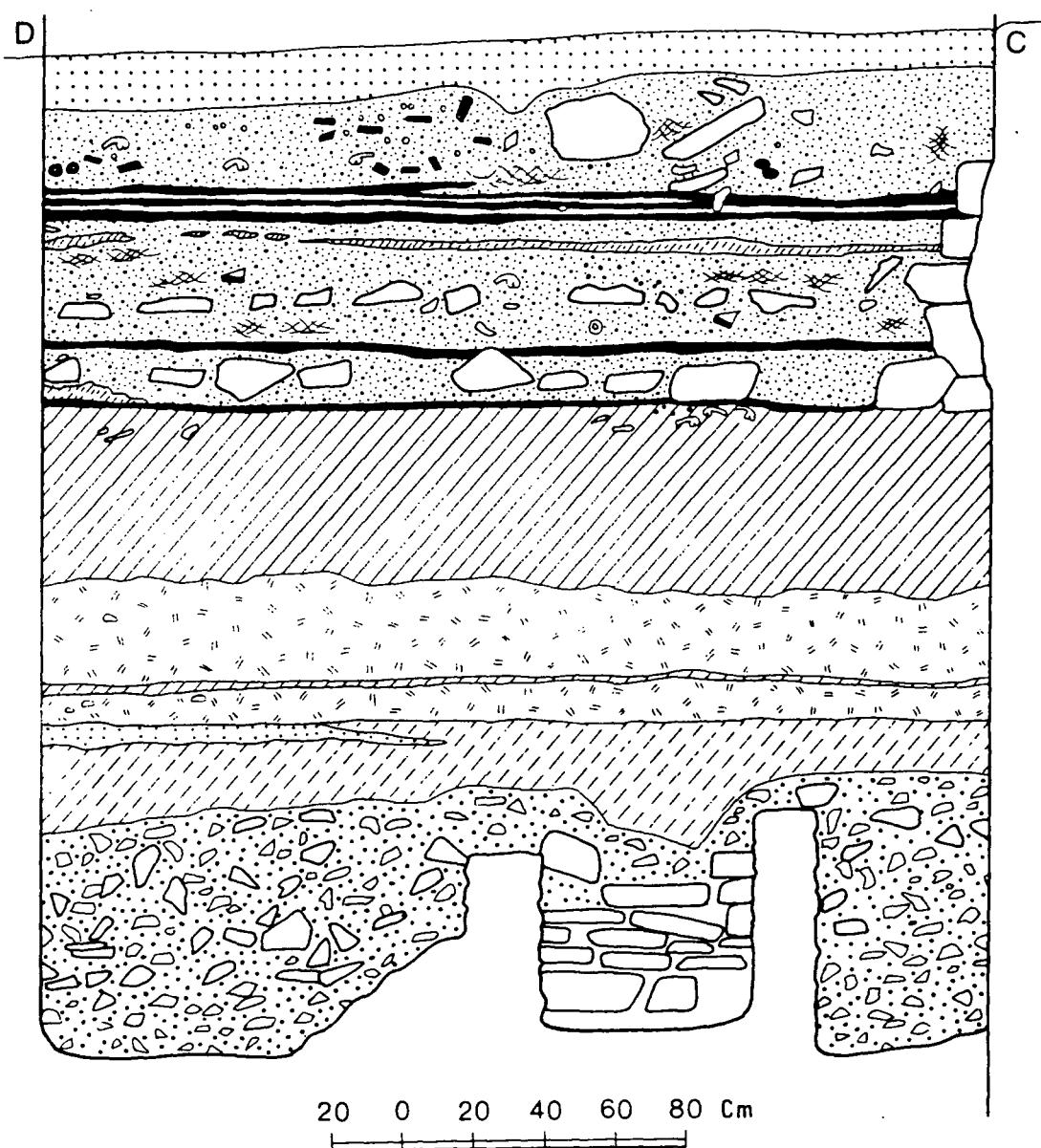


FIGURE 25

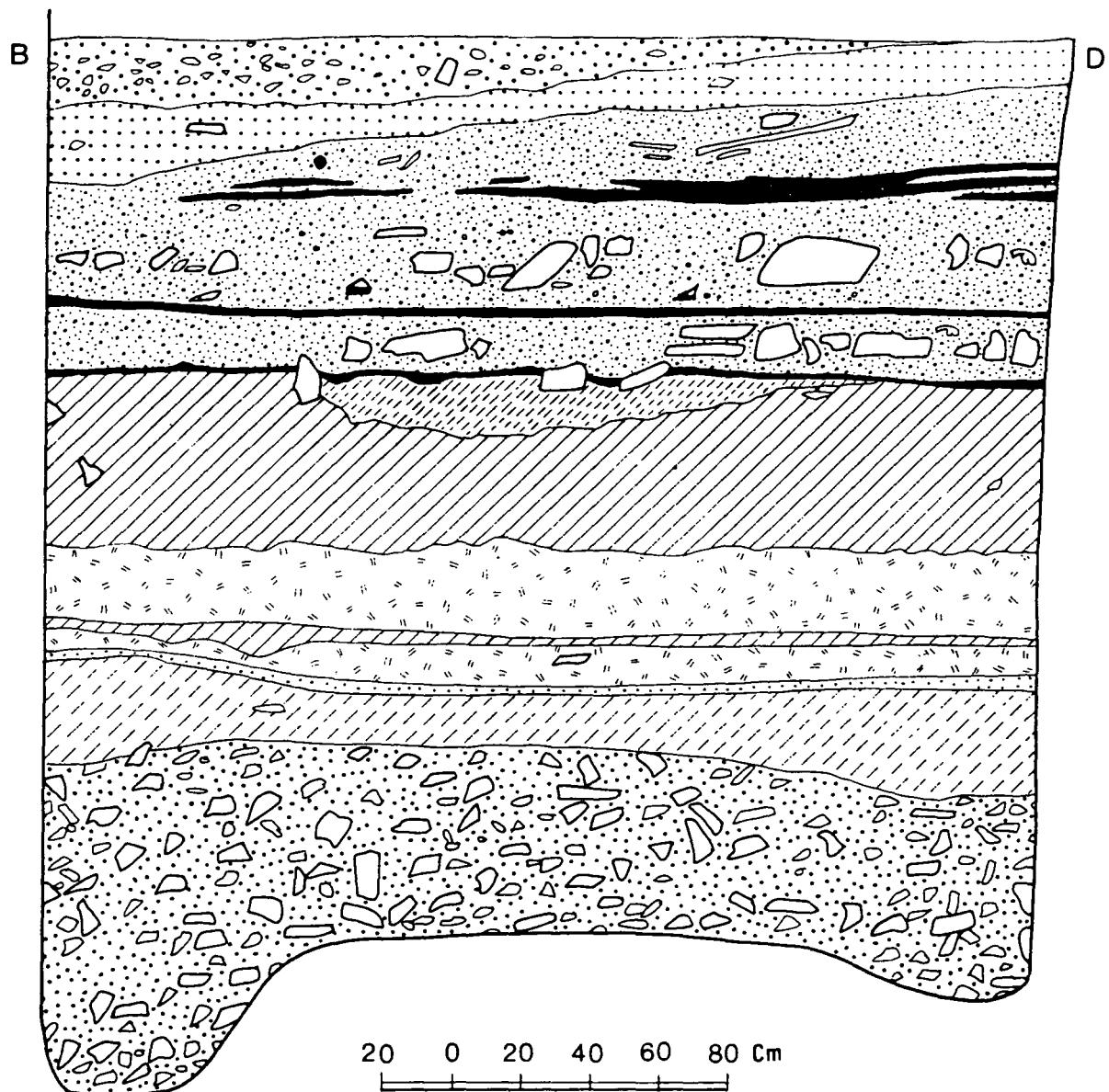


| | | | |
|---------------------|---------------------------|-----------------------|-----------------------|
| [Dotted pattern] | Sand | [Diagonal hatching] | Soft light brown soil |
| [Cross-hatching] | Soft destruction material | [Horizontal hatching] | Solid dark brown soil |
| [Vertical hatching] | Ash & fire traces | [Small dots] | Green marl rock |
| [Solid black line] | Floor | [Large dots] | Filling material |
| [X pattern] | Palm leaf | [Bone icon] | Bone |
| [Cloud icon] | Stone | [Wood icon] | Wood |
| [Pottery icon] | Pottery | [Animal waste icon] | Animal waste |

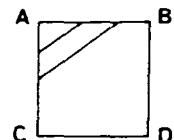
A B
C D

SECTION D,C TRENCH No. 3 IN DUMAT AL-JANDAL

FIGURE 26

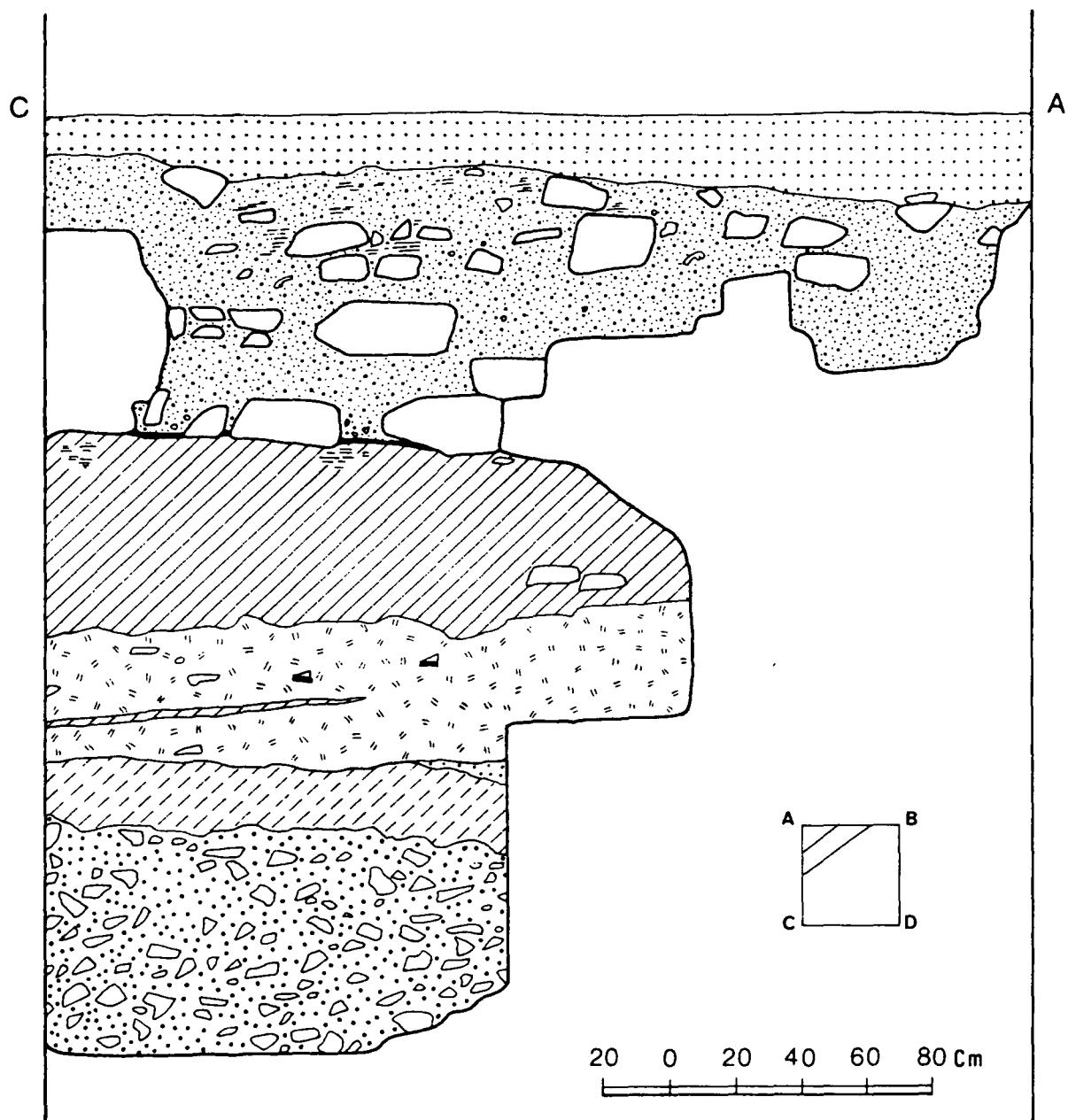


| | | | |
|------------------------------------|---------------------------|--------------------------------|-----------------------|
| [Sand symbol] | Sand | [Solid dark brown soil symbol] | Solid dark brown soil |
| [Soft destruction material symbol] | Soft destruction material | [Ash & fire traces symbol] | Ash & fire traces |
| [Filling material symbol] | Filling material | [Green marl rock symbol] | Green marl rock |
| [Floor symbol] | Floor | [Pottery symbol] | Pottery |
| [Soft light brown soil symbol] | Soft light brown soil | [Stone symbol] | Stone |
| [Animal bone symbol] | Animal bone | [Animal waste symbol] | Animal waste |
| [Wood symbol] | Wood | | |



SECTION B,D TRENCH No. 3 IN DUMAT AL-JANDAL

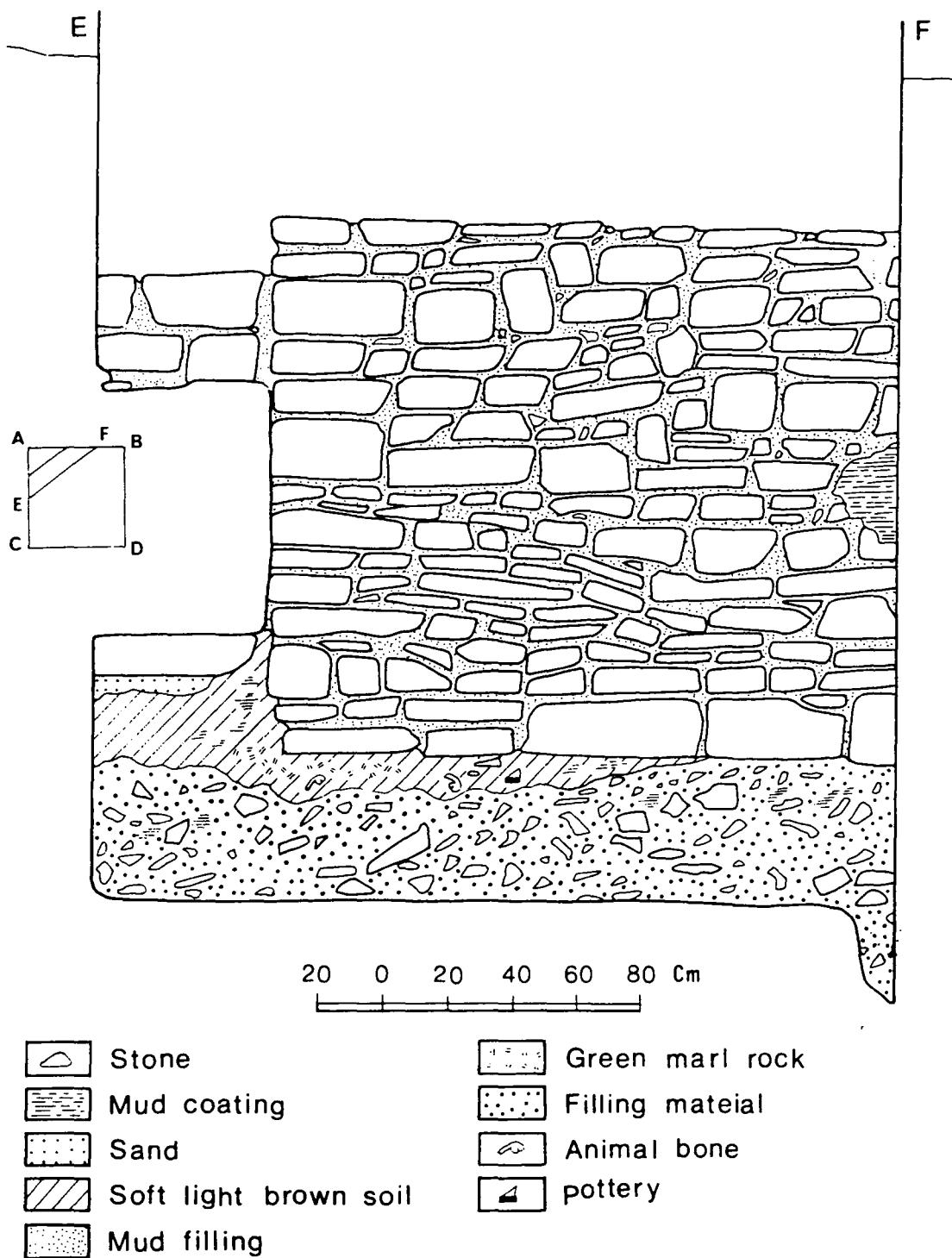
FIGURE 27



| | | | |
|-----------------------------|-----------------------|--------------------------|-----------------------|
| [Dotted Pattern] | Sand | [Solid Dark Brown Soil] | Solid dark brown soil |
| [Dotted Pattern] | Filling material | [Hatched Pattern] | Green marl rock |
| [Horizontal Lines Pattern] | Floor | [Dotted Pattern] | Filling material |
| [Diagonal Hatching Pattern] | Soft light brown soil | [Plaster Debris Pattern] | Plaster debris |
| [Animal Bone Pattern] | Animal bone | [Pottery Pattern] | Pottery |
| [Ston Pattern] | Ston | [Animal Waste Pattern] | Animal waste |

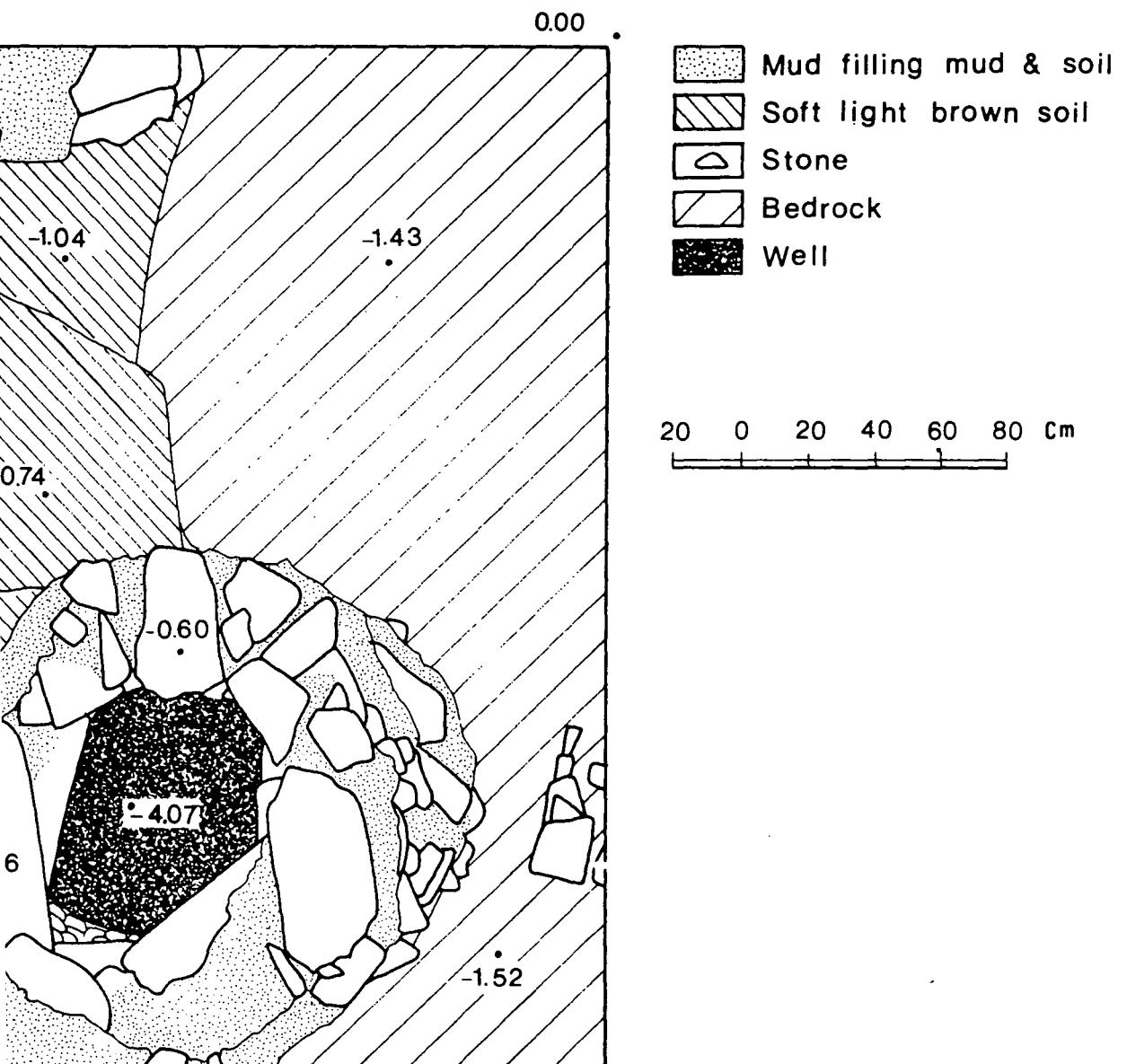
SECTION C,A TRENCH No. 3 IN DUMAT AL-JANDAL

FIGURE 28



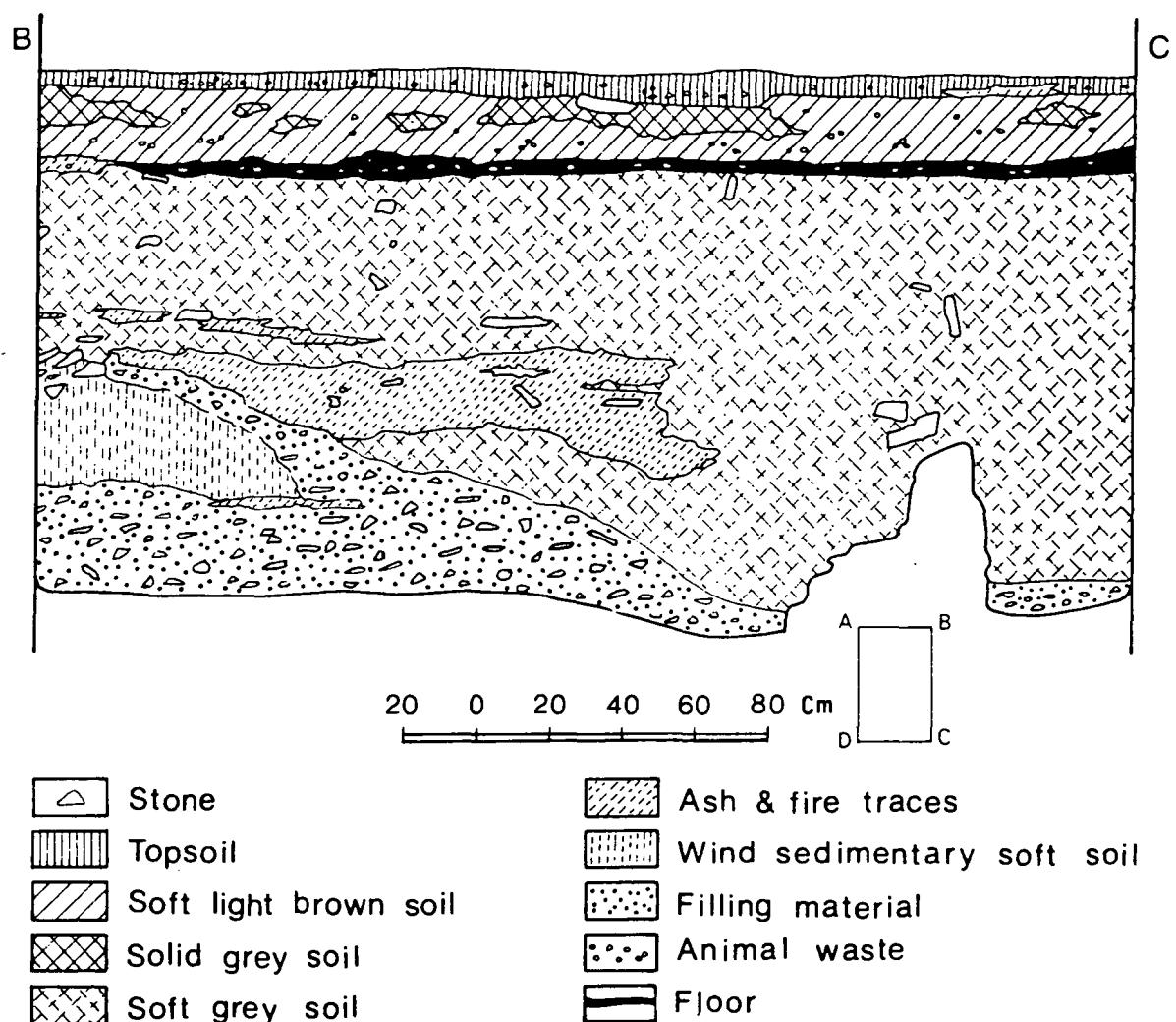
SECTION E,F TRENCH No.3 IN DUMAT AL-JANDAL

FIGURE 29



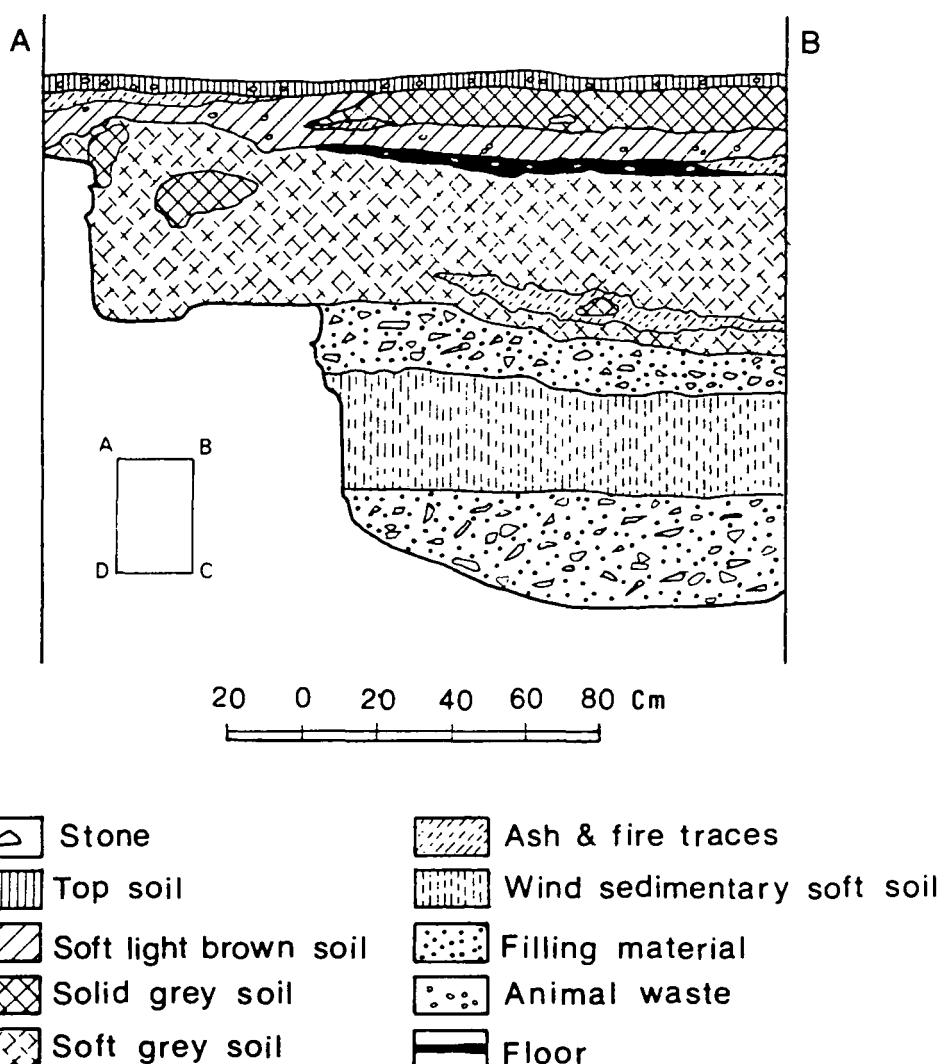
TRENCH No. 1 IN MUWAYSIN CASTLE

FIGURE 30



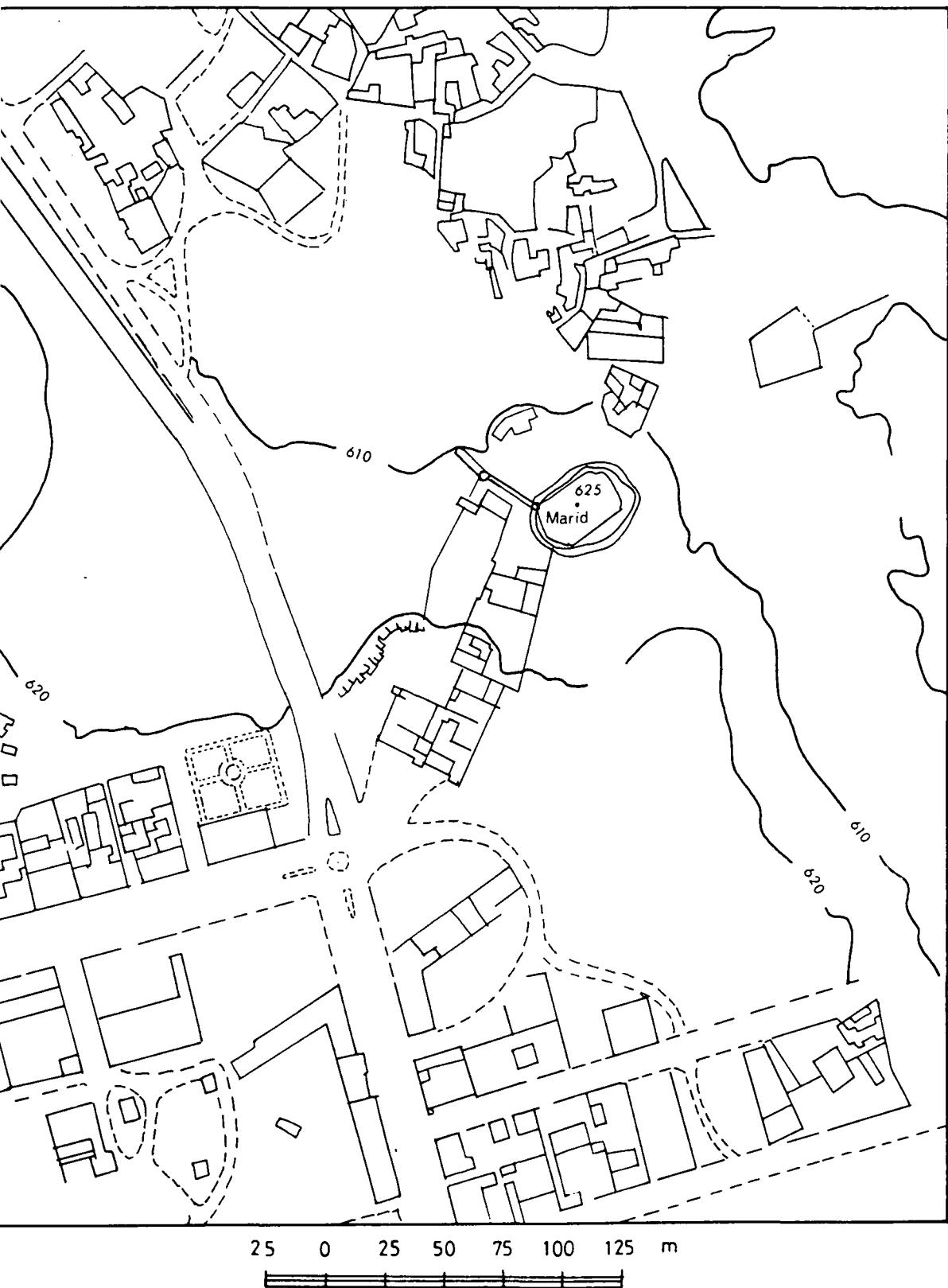
SECTION B, C, TRENCH No. 1 IN MUWAYSIN CASTLE

FIGURE 31



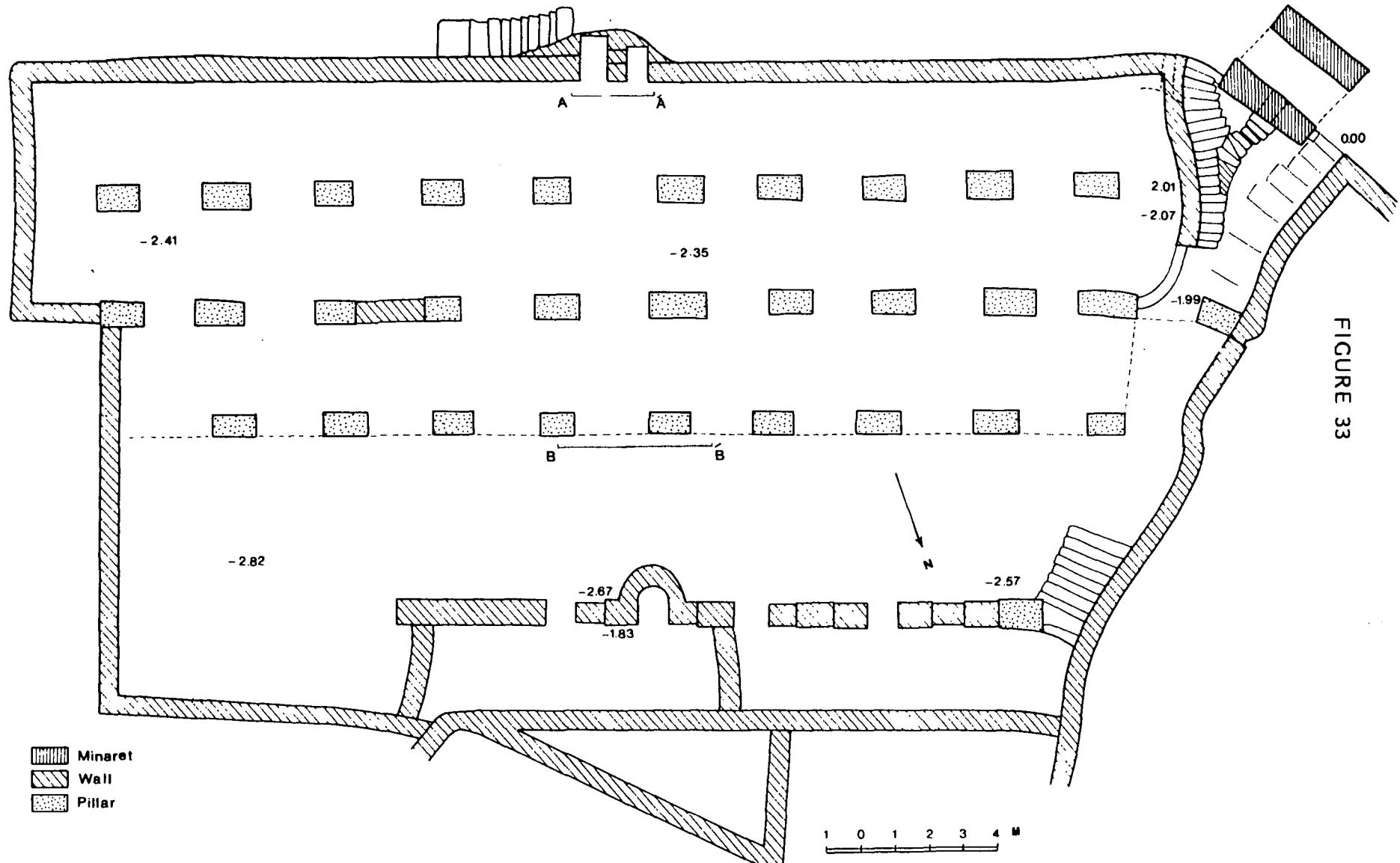
SECTION A, B, TRENCH No. 1 IN MUWAYSIN CASTLE

FIGURE 32



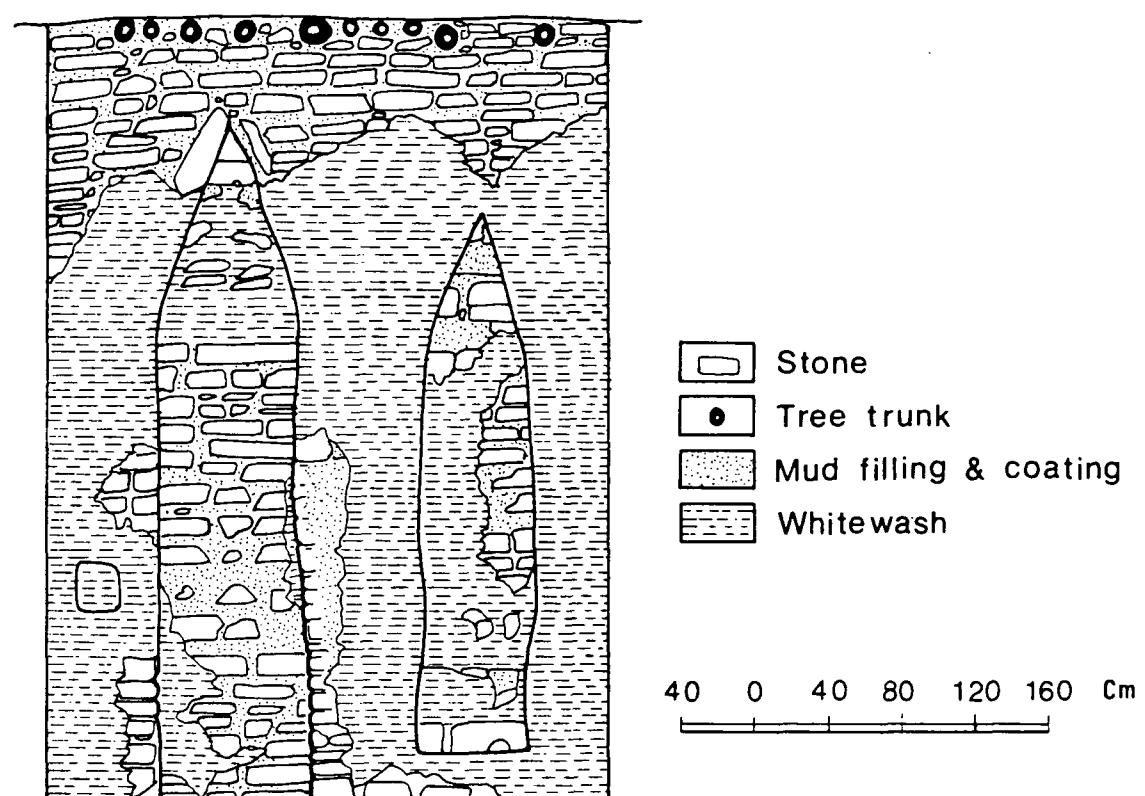
LOCATION OF MĀRID CASTLE IN DŪMAT AL-JANDAL

FIGURE 33



PLAN OF THE 'UMAR MOSQUE

FIGURE 34



ELEVATION A, Á OF THE MIHRÁB OF THE 'UMAR MOSQUE

FIGURE 35

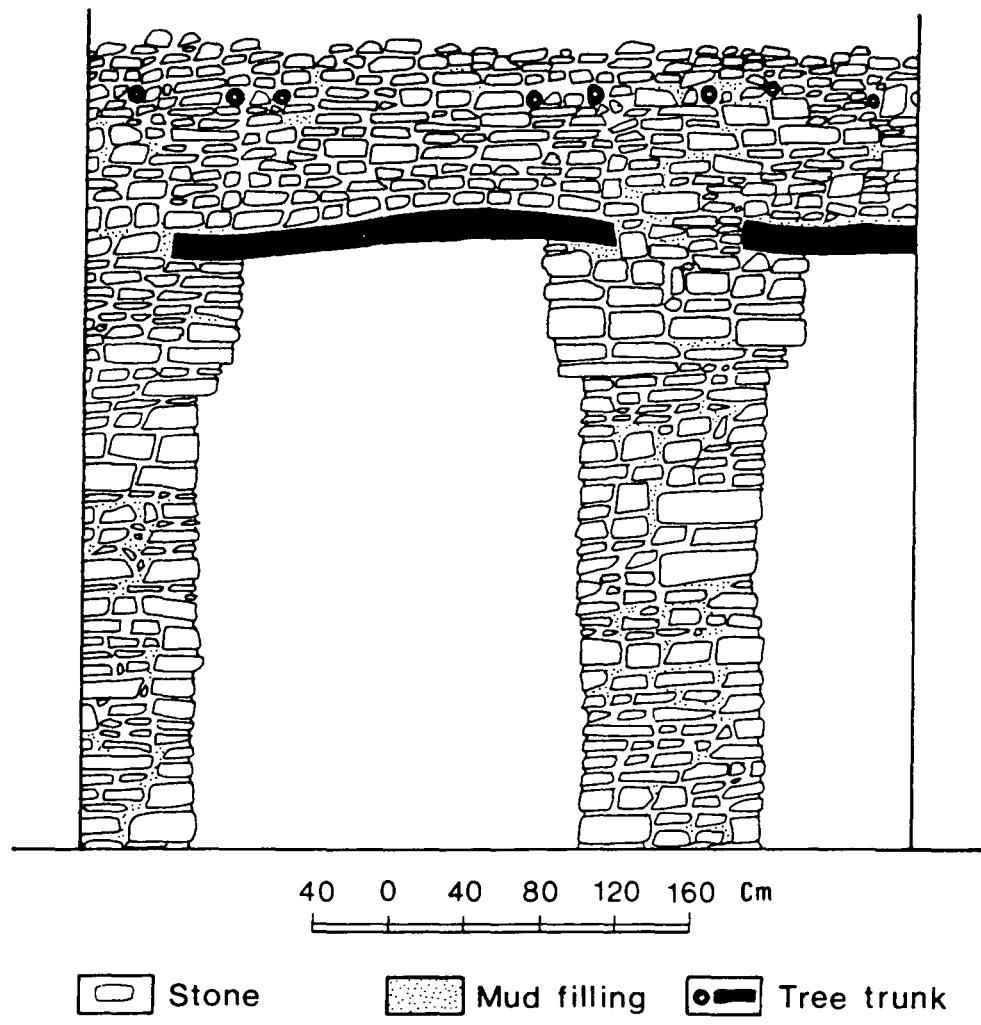
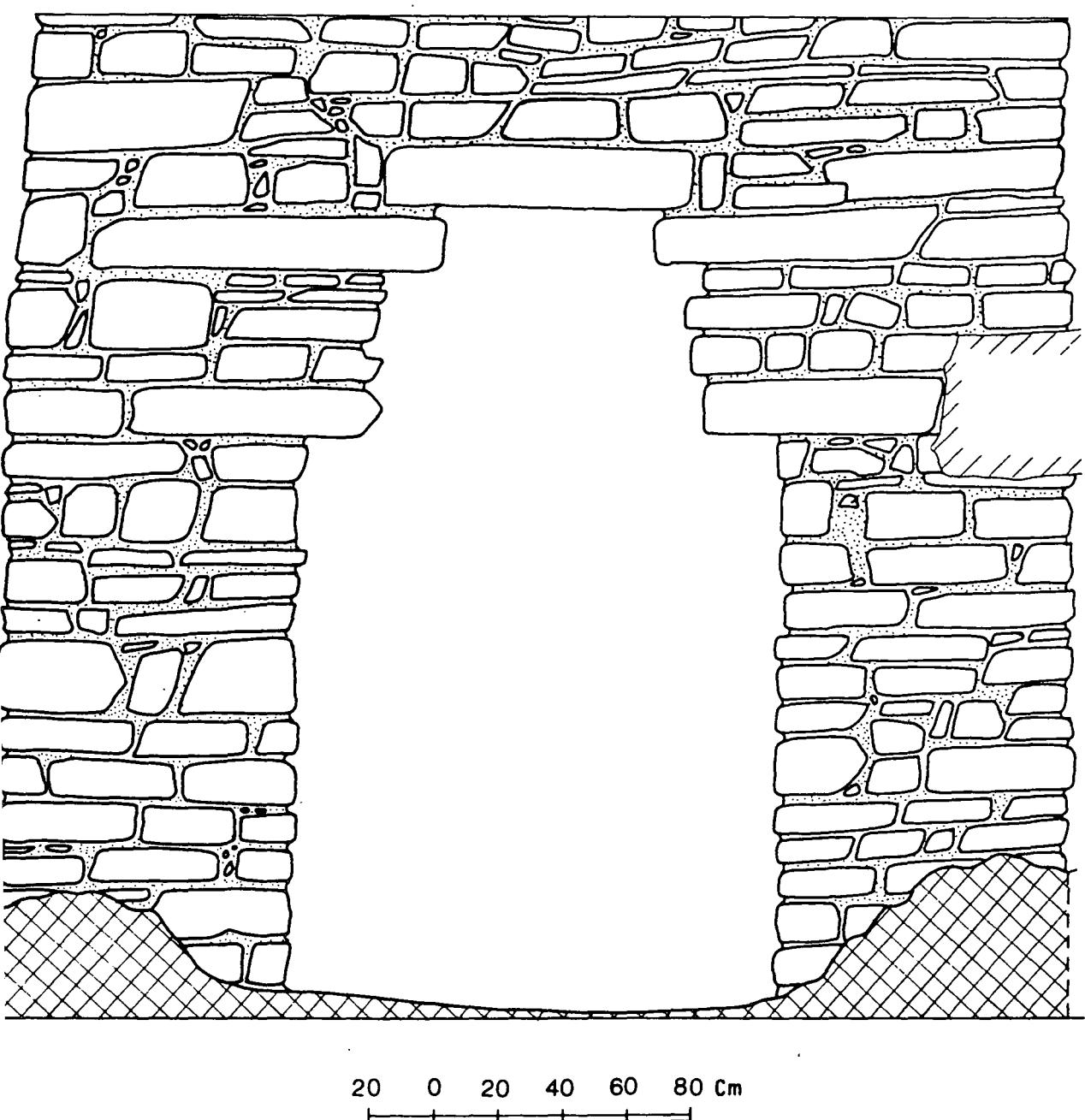
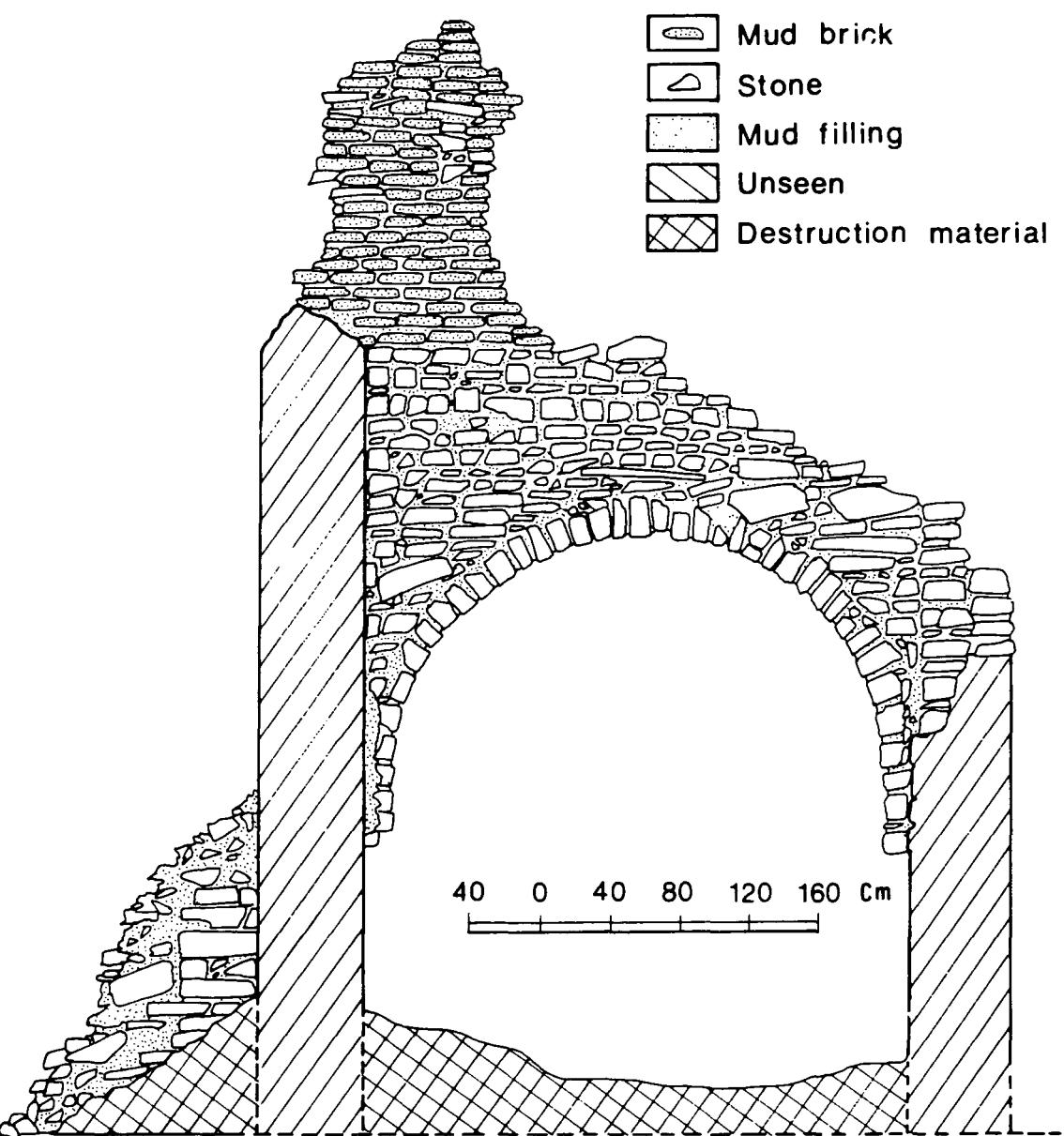


FIGURE 36



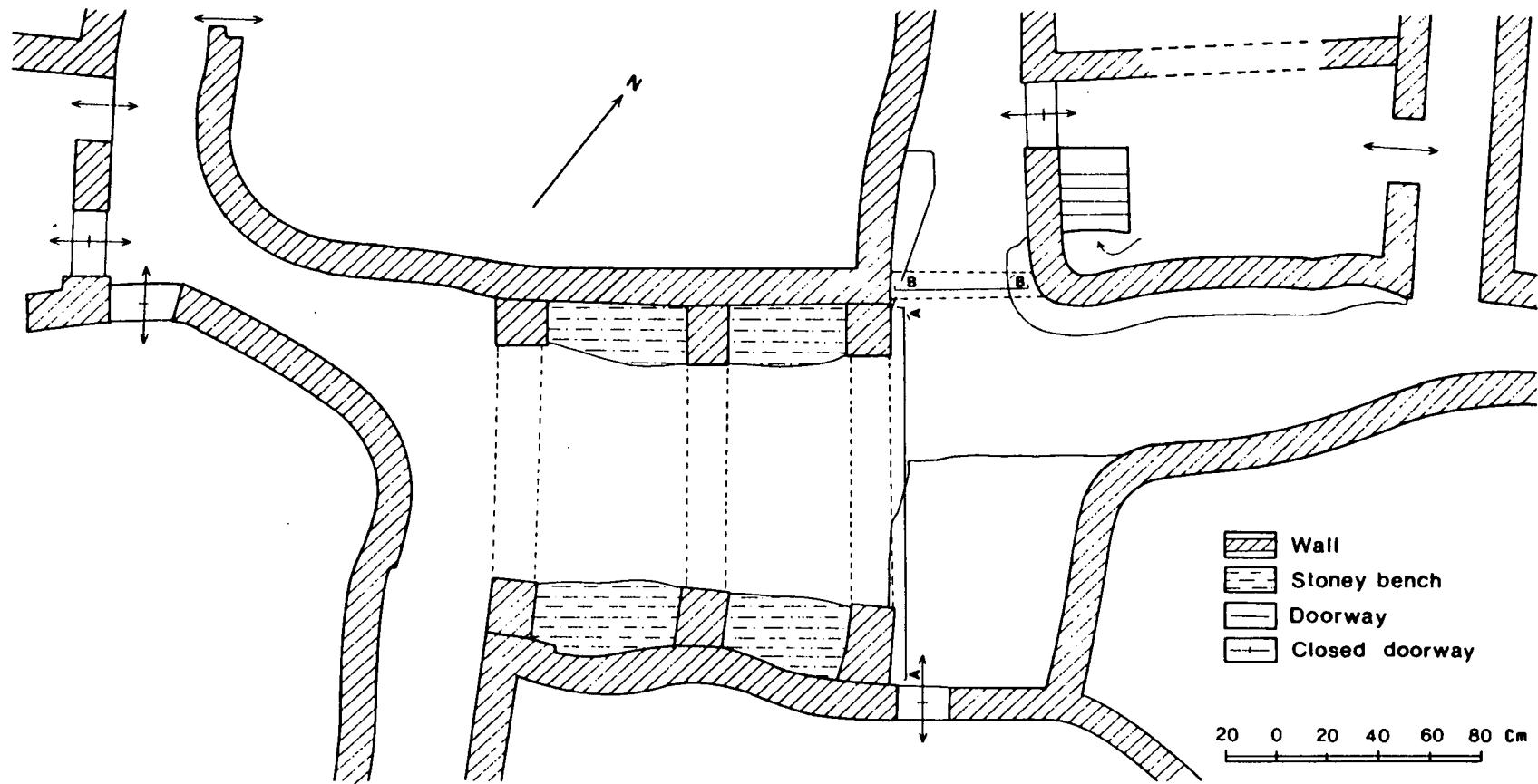
VIEW OF THE PASSAGE WAY UNDERNEATH THE MINARET

FIGURE 37



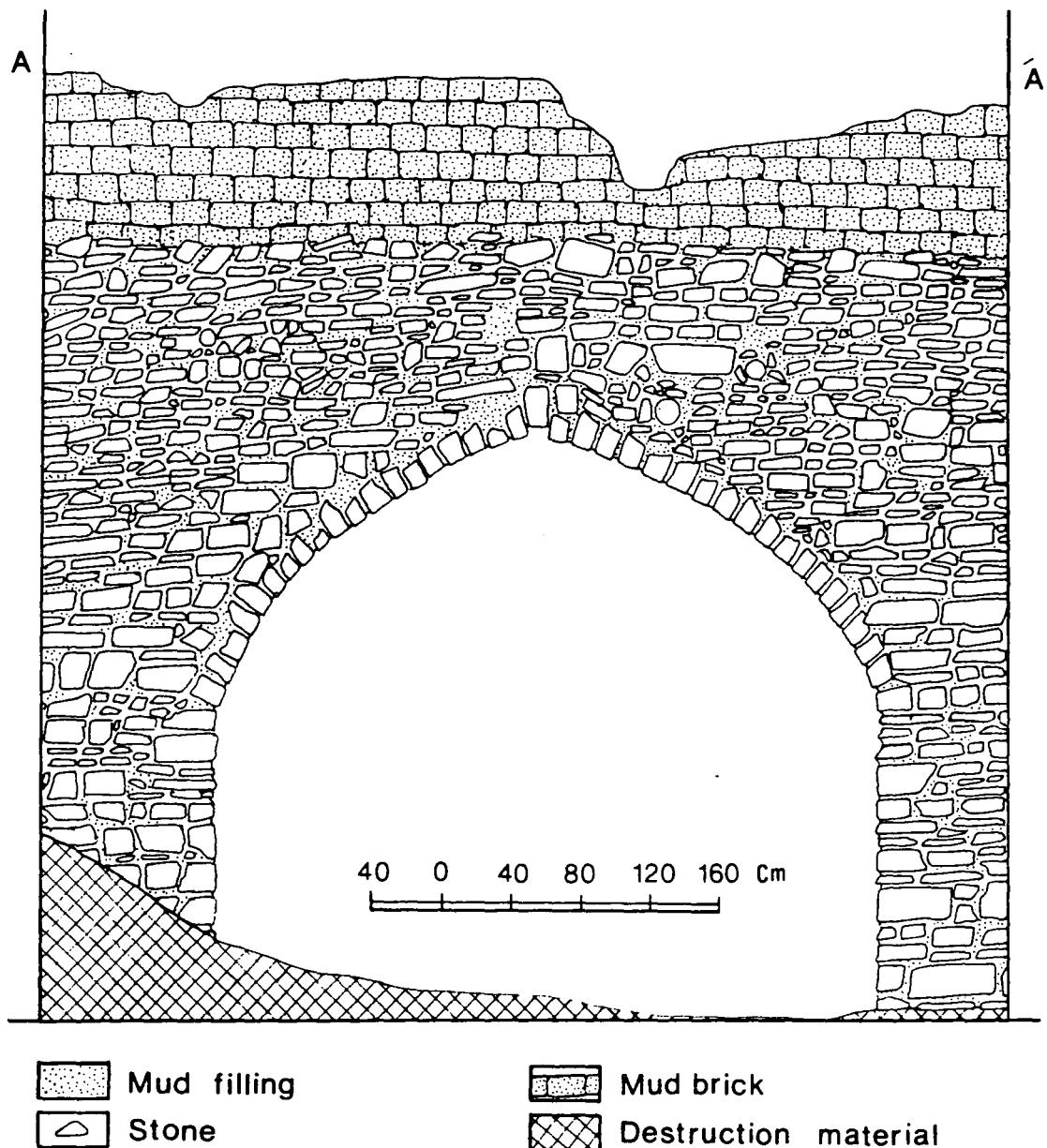
THE MAIN ENTRANCE TO THE ANCIENT QUARTER OF
DŪMAT AL-JANDAL

FIGURE 38



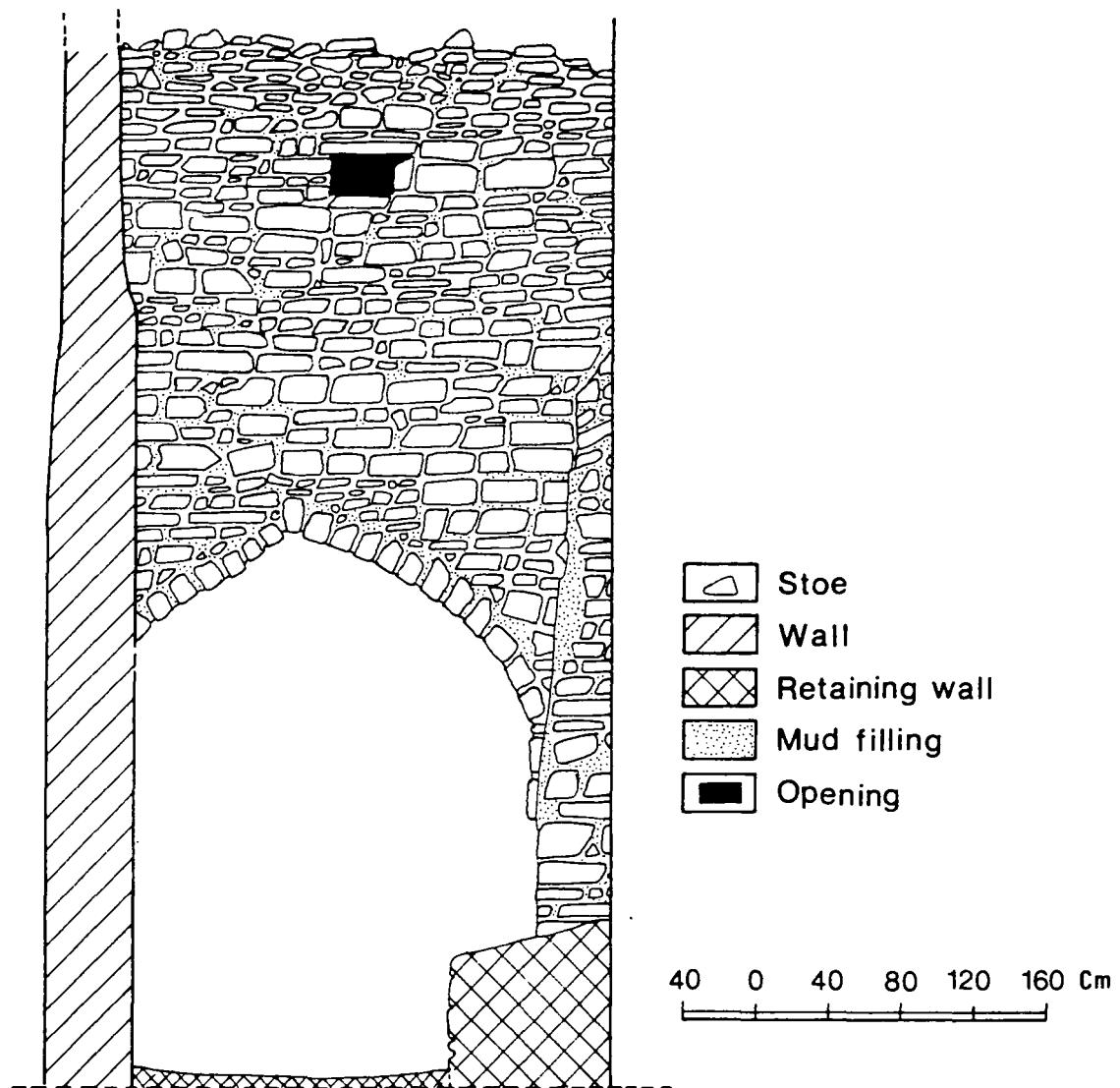
THE MAIN SQUARE IN THE RESIDENTIAL AREA IN DUMAT AL-JANDAL

FIGURE 39



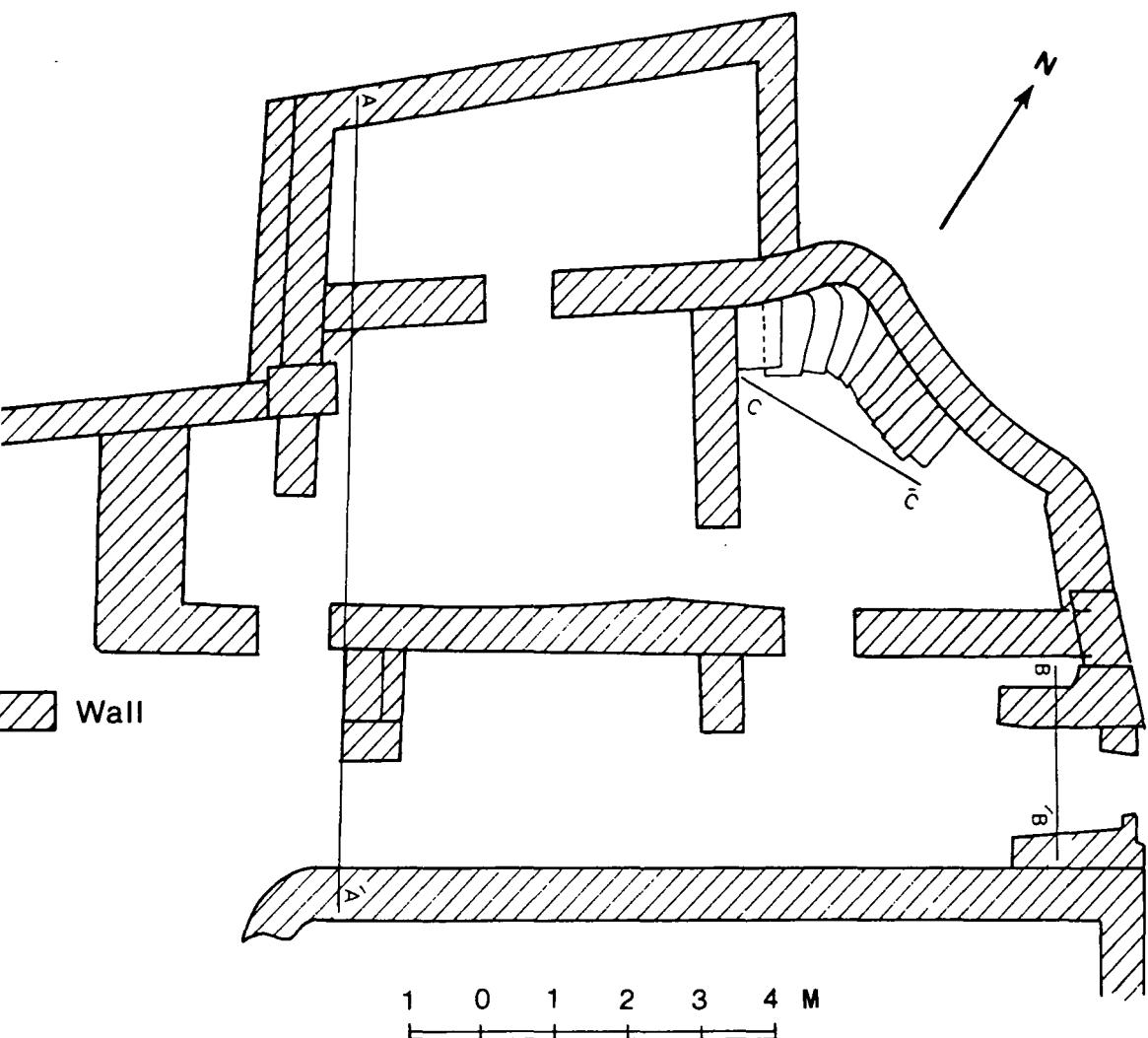
ELEVATION A, A IN THE MAIN SQUARE/DŪMAT AL-JANDAL

FIGURE 40



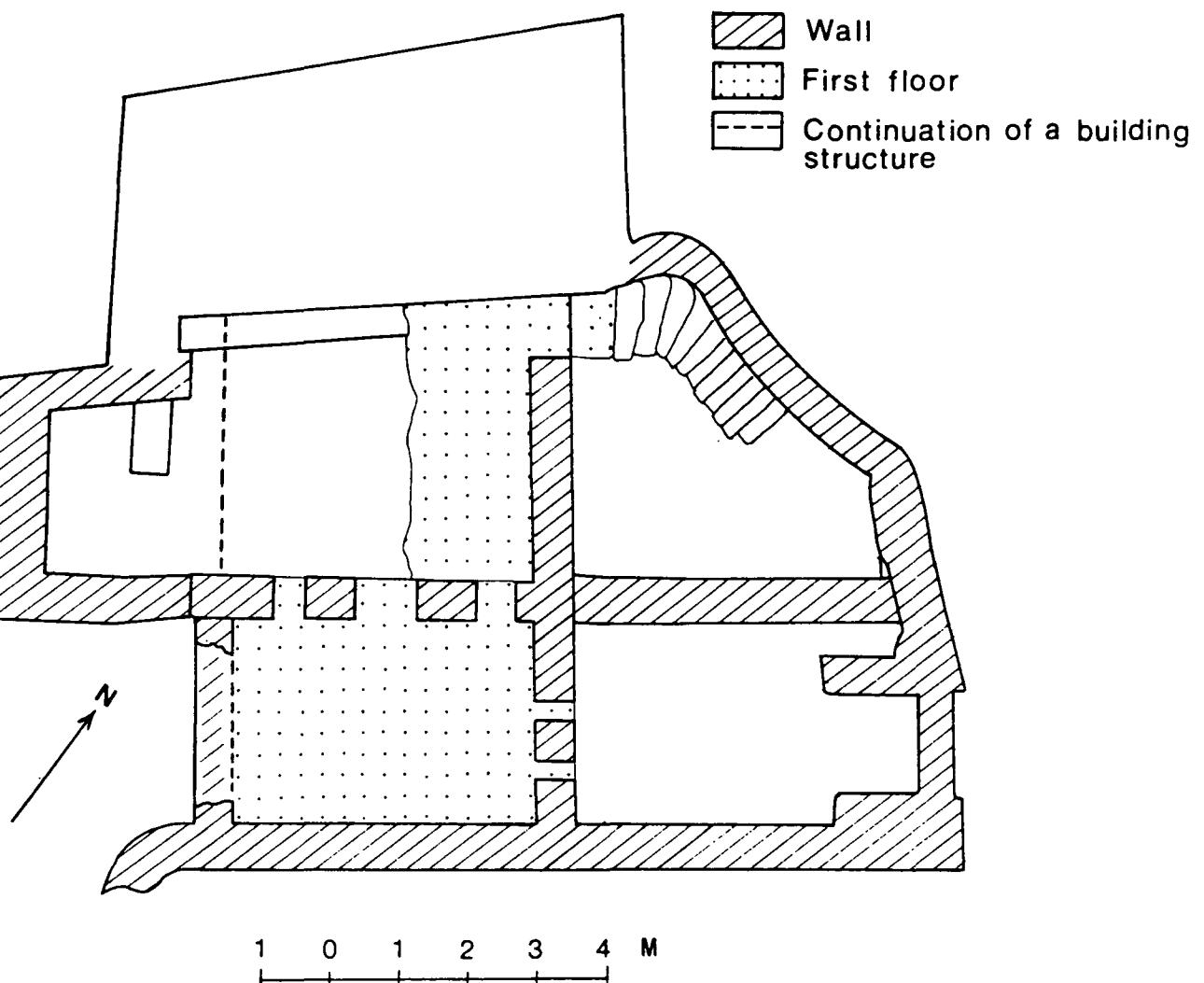
ELEVATION B, B' IN THE MAIN SQUARE/DUMAT AL-JANDAL

FIGURE 41



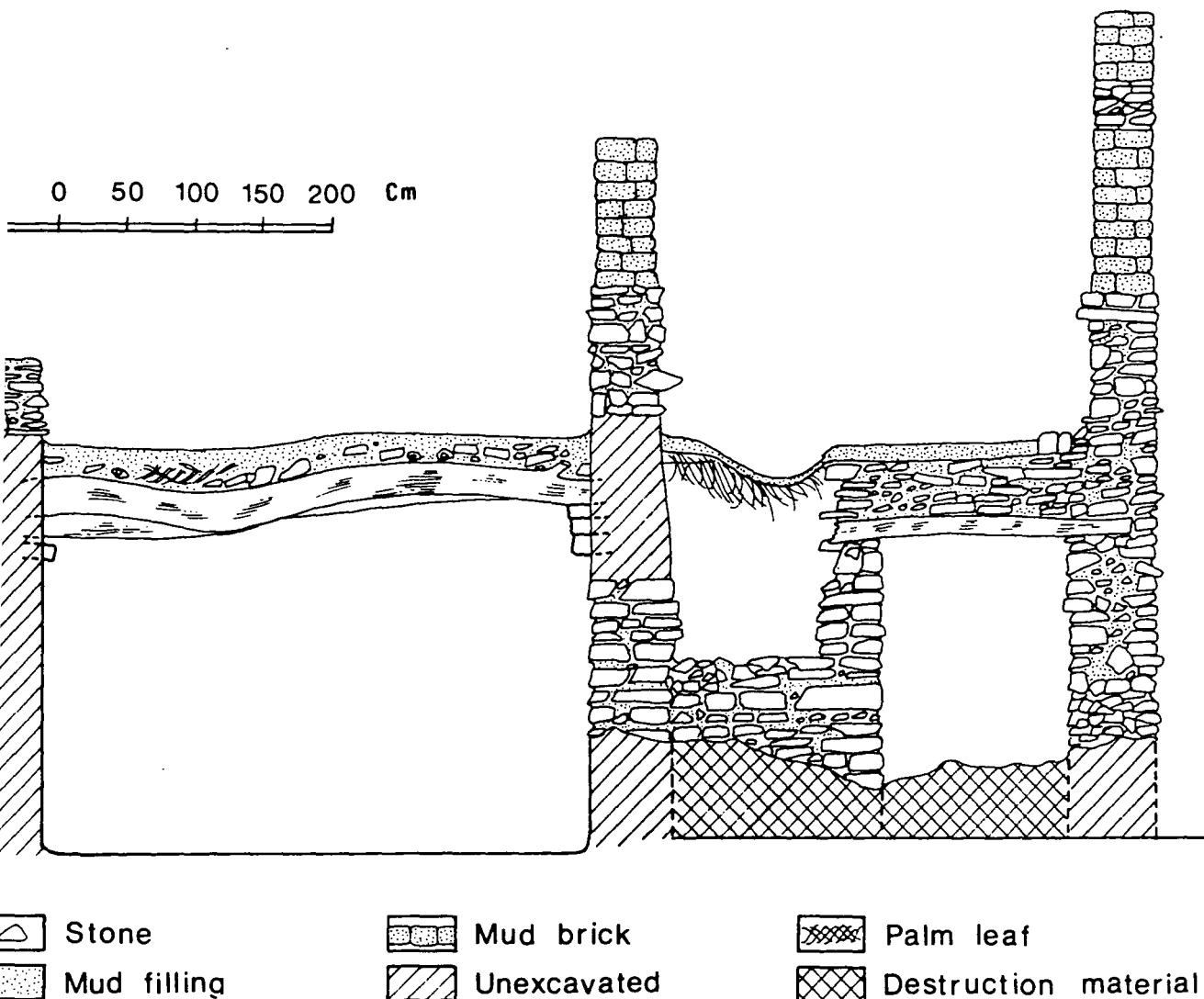
PLAN OF A HOUSE IN THE RESIDENTIAL AREA IN DŪMAT AL-JANDAL

FIGURE 42



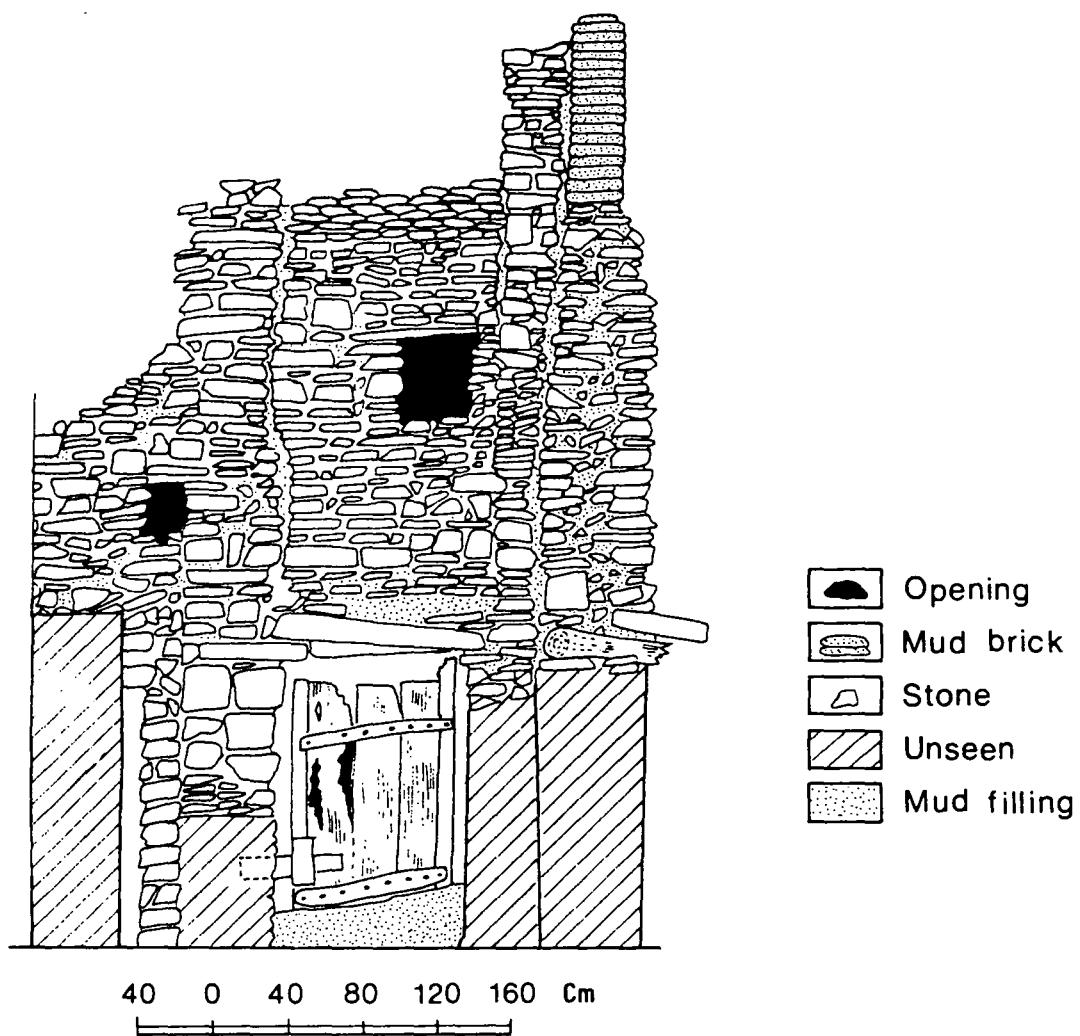
PLAN OF THE FIRST FLOOR OF THE HOUSE

FIGURE 43



ELEVATION A, A OF THE HOUSE

FIGURE 44



ELEVATION B, B' OF THE HOUSE

FIGURE 45

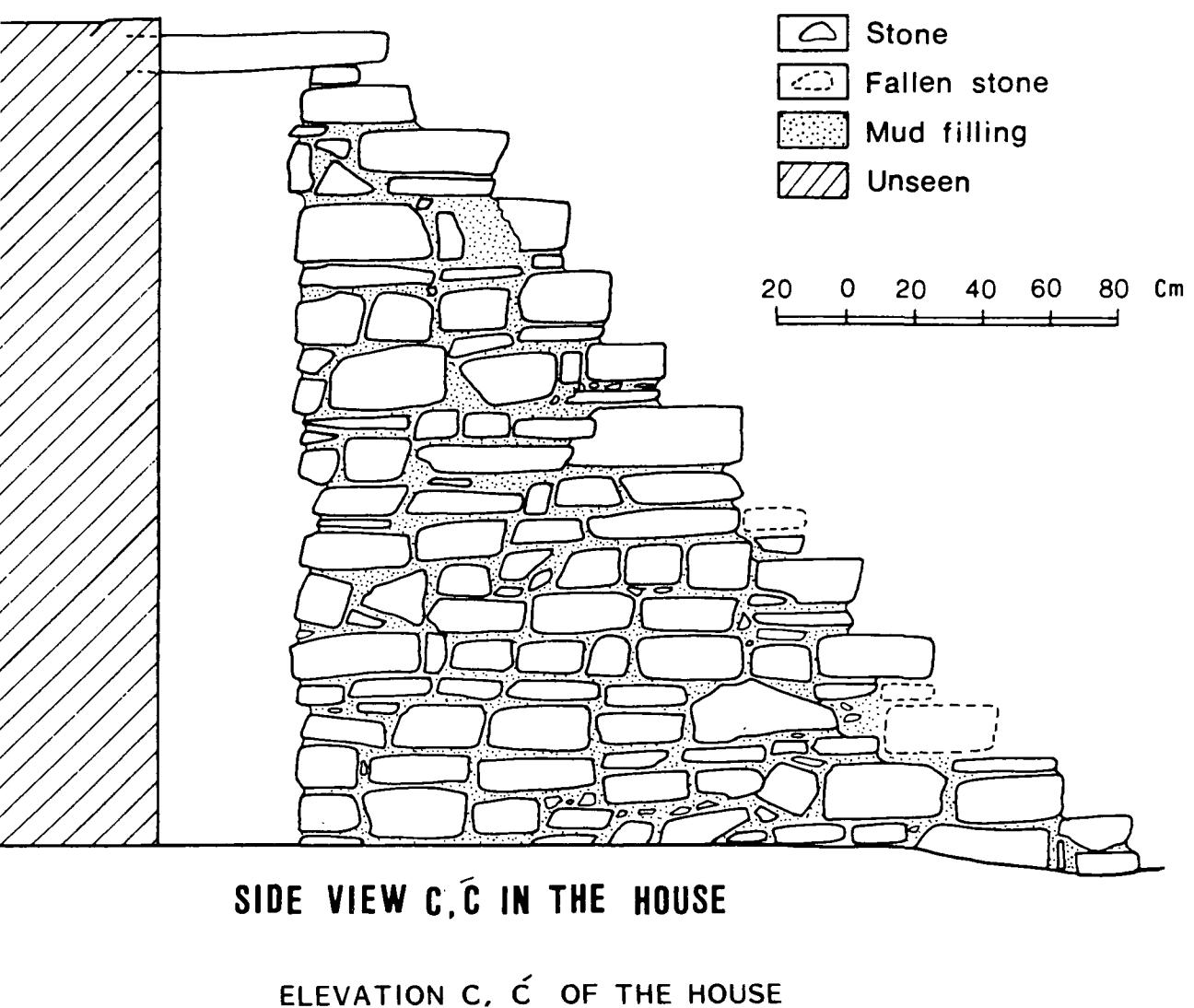
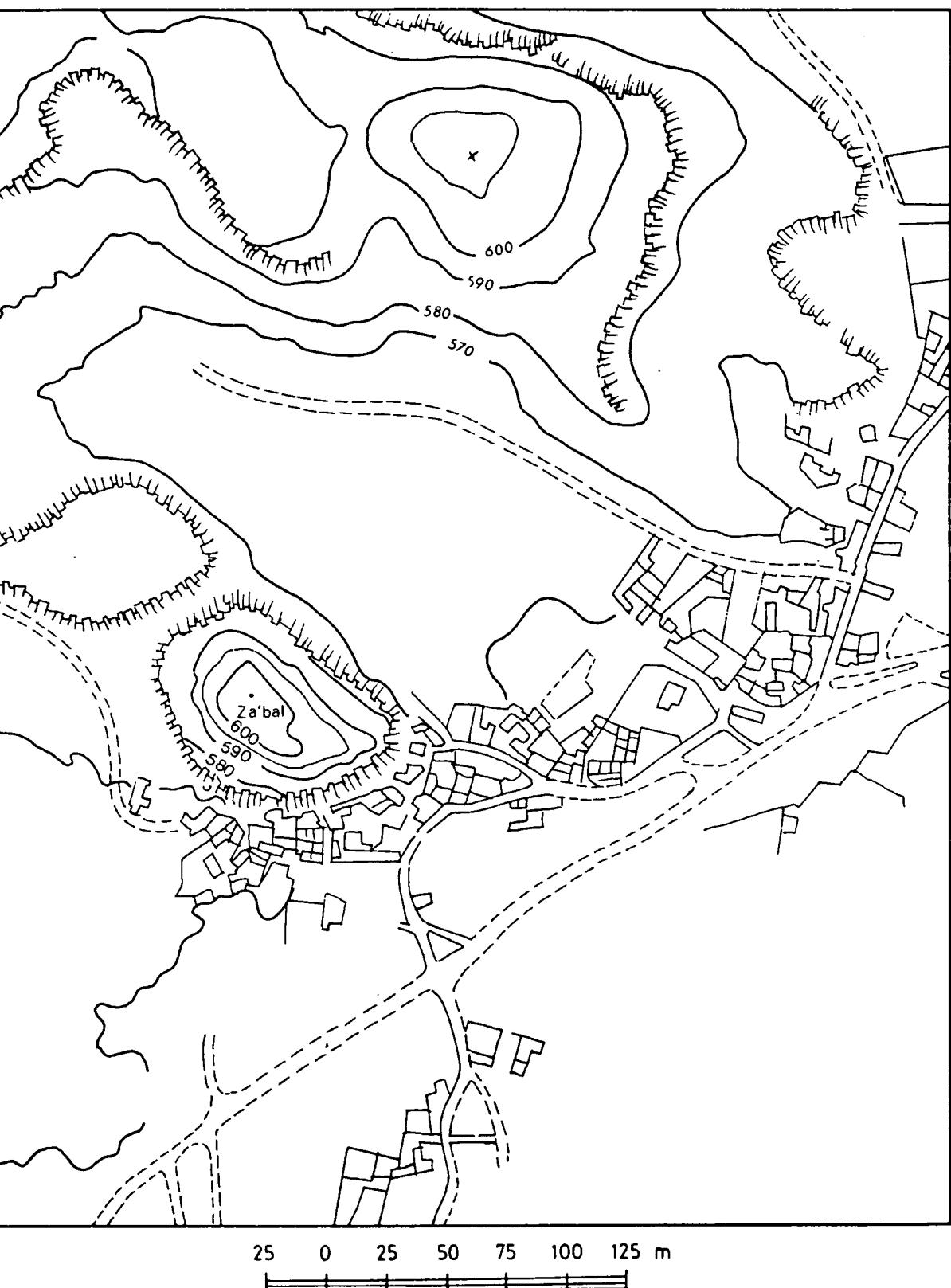


FIGURE 46



ZA'BAL CASTLE IN SAKĀKĀ

FIGURE 47

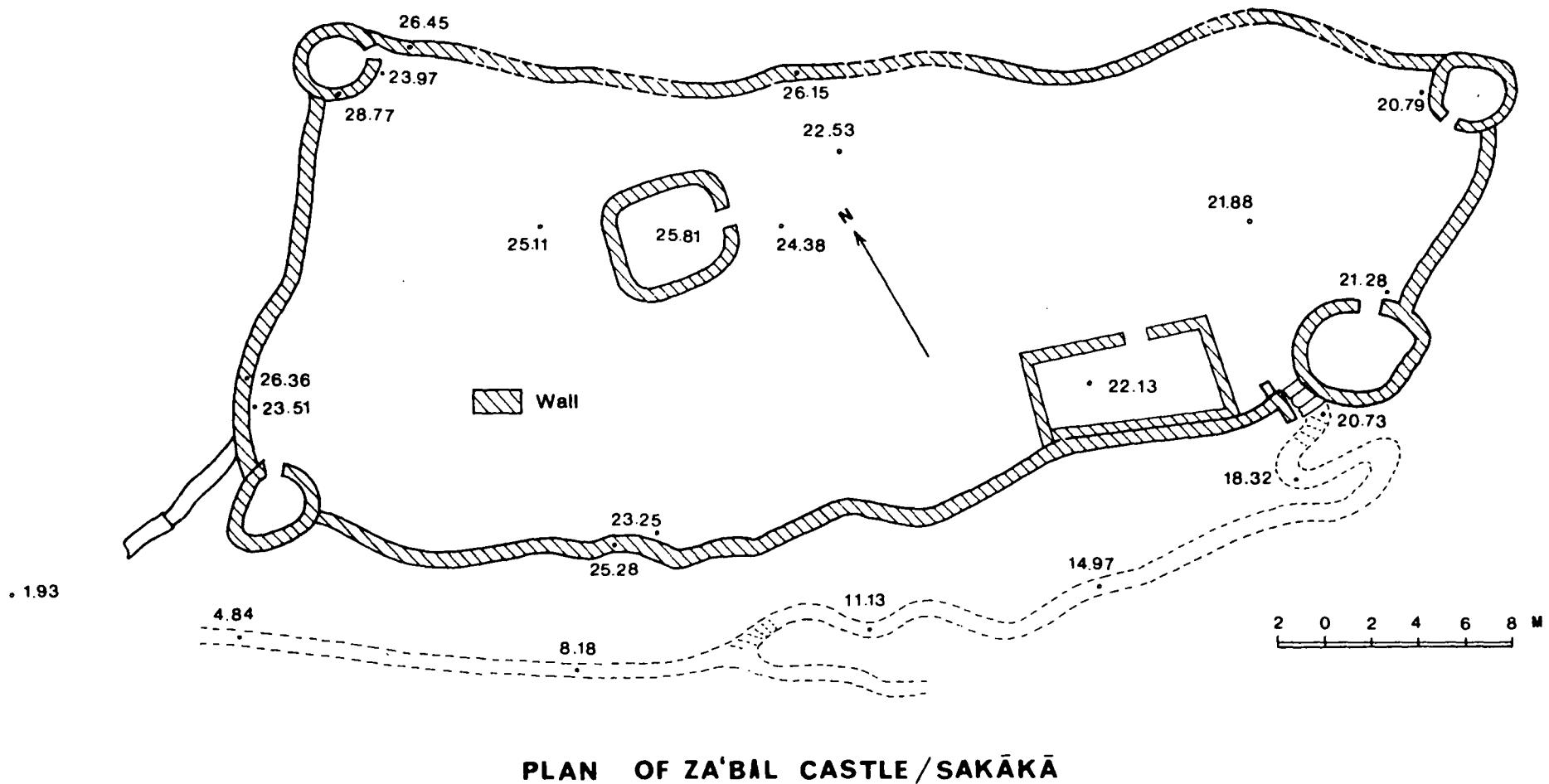
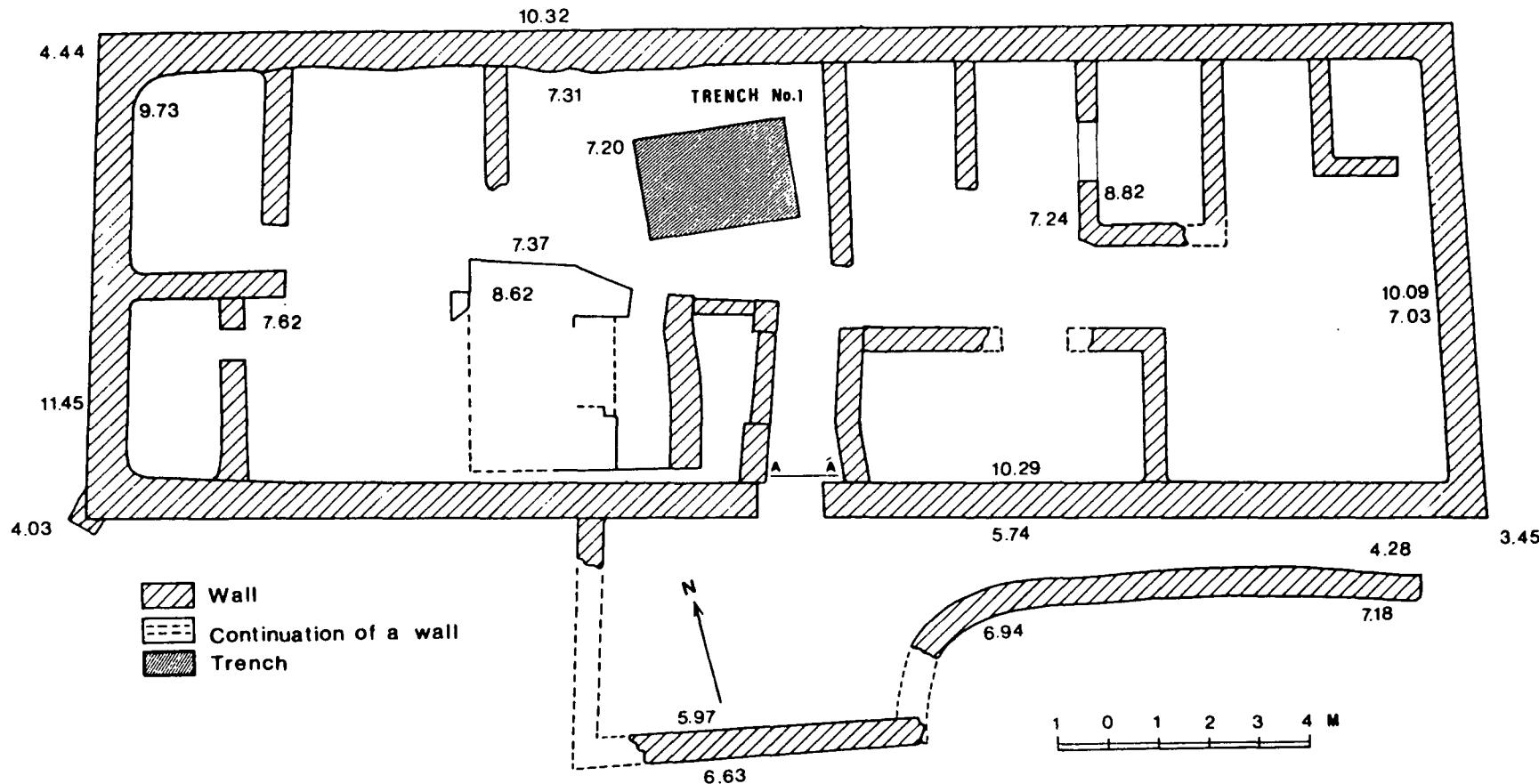


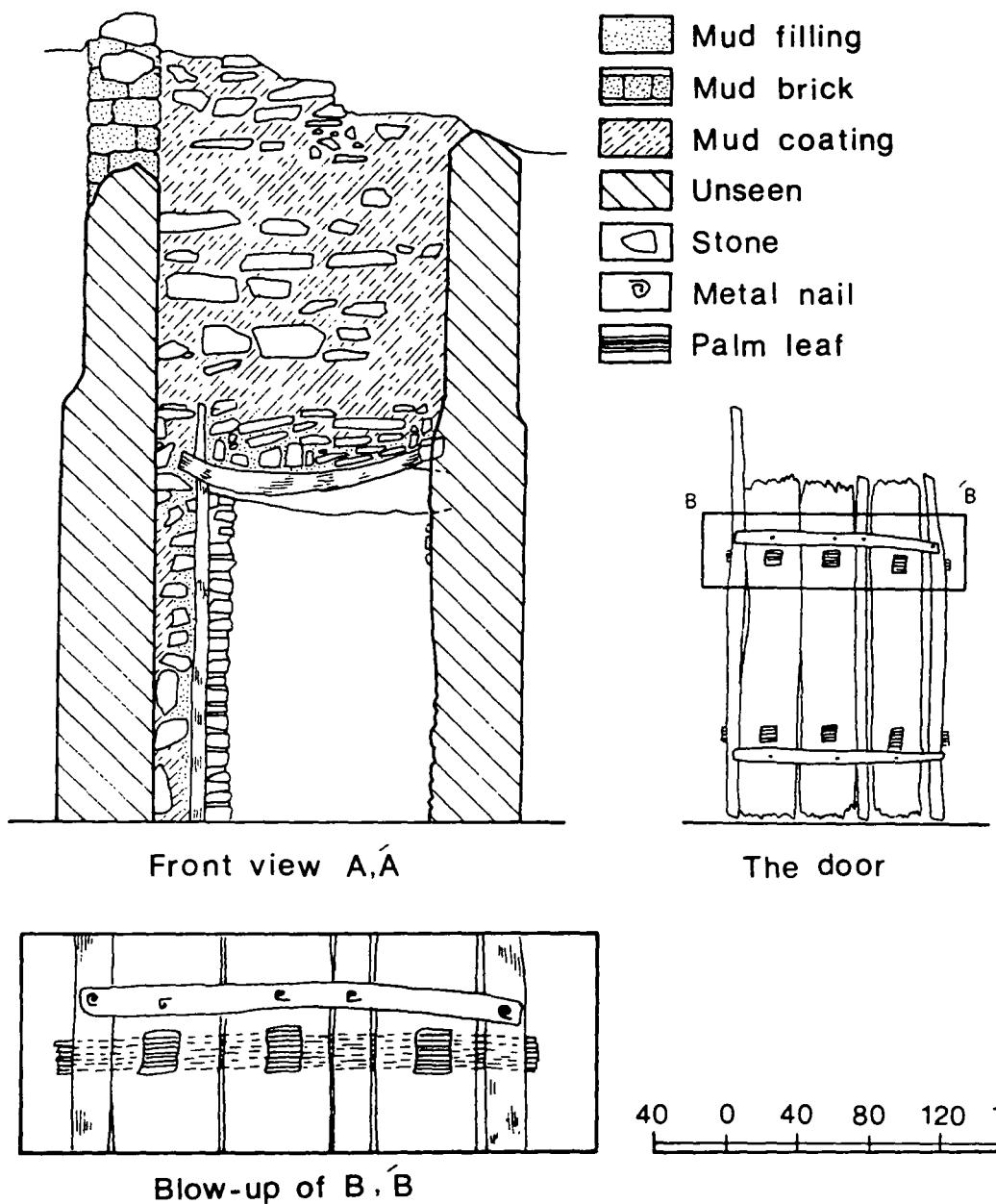
FIGURE 48

3.18



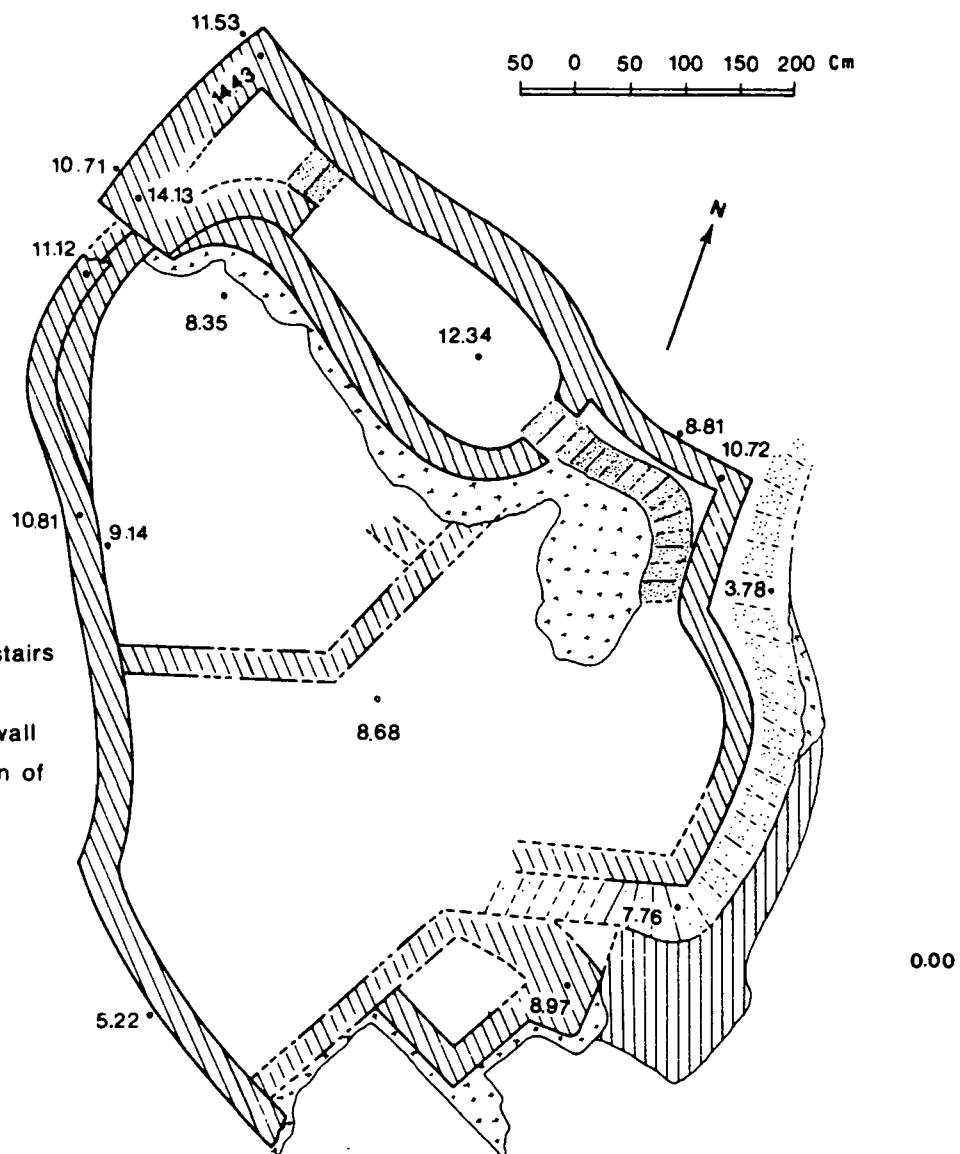
PLAN OF MUWAYSIN CASTLE

FIGURE 49



MAIN GATE OF MUWAYSIN CASTLE

FIGURE 50



PLAN OF AL-QUDAYR CASTLE/SAKĀKĀ

