

THE ṬAFĪLA-BUṢAYRA ARCHAEOLOGICAL SURVEY: PHASE 3 (2001)

Burton MacDonald and Wayne Sawtell

Introduction

The third season of the Ṭafila-Buṣayra Archaeological Survey (TBAS) (Fig. 1) took place over a six-week period from late April to mid-June 2001.¹

The 2001 Season

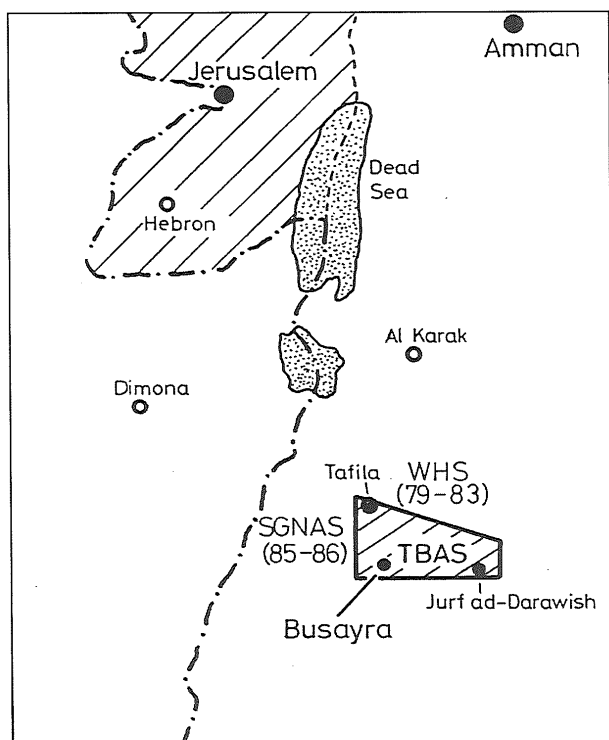
The principle goal of the 2001 season was to draw as many of the architectural sites that TBAS team members had surveyed during the 1999 (Table 1) and 2000 (Table 2) seasons as possible.

The intention was to draw various types of sites or actually structures at sites, e.g., domestic quarters, watchtowers, forts, in the various zones of the survey territory. TBAS team members realized that it would not be possible to draw an entire village site in the allotted time-period and they thus had to be content with drawing only one, but in some cas-

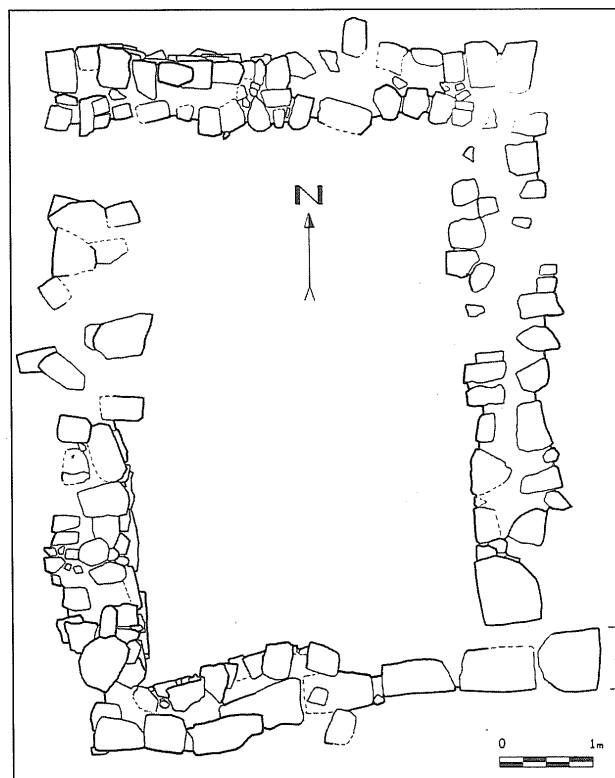
es two, structure(s) at such a site. At many sites, however, although there were many architectural features, it was not possible to do a convincing drawing of even one structure because of its condition.

No attempt was made to draw any of the architectural remains at Sala' (سلاج), Site 134, since Hamed K. Qatamin, Mu'tah University, was excavating the site at the time of the 2001 infield season. In addition, Bennett had excavated the Buṣayra Citadel (قلعة بصيره), Site 135, and Bienkowski (2002) has prepared a final report on these excavations. Thus, a drawing of a structure from this site would have been superfluous.

As a result of the season's work, TBAS team members completed 42 drawings at 36 sites (Table



1. The TBAS territory.



2. Site 1, Khirbat al-Hārith.

1. Reports on the 1999 and 2000 seasons of the TBAS can be found in MacDonald *et al.* 2000 and MacDonald *et al.* 2001 respectively.

Team members for the 2001 season were Burton MacDonald, director; Wayne Sawtell, architect; Zeyad Salamin, architect's assistant; Jihad Darwish, Representative of the Department of Antiquities; and Aladdin Madi, cook.

Table 1: Major architectural sites of the TBAS 1999 season.

Site #	Site Name		Coordinates (E/N)	Elev.	Periods Represented
001	Kh. al-Ḥārith	خربة الحارث	751554/3403996	1262	LRom-Byz; Byz; MIsI/LIsI
002	Kh. Qaşr ad-Dayr	خربة قصر الدير	747700/3410100	1361	Iron II; Byz/EIsI; MIsI-LIsI
004	Kh. al-Fraydīs	خربة الفريديس	750424/3406468	1250	Ceramic period lithics; ERom; LRom; Byz
005	Kh. 'Ayn al-Baydā	خربة عين البيضاء	749196/3407318	1220	Byz; MIsI/LIsI
006	Kh. al-Ḥanānah	خربة الحنانه	748050/3409692	1210	Iron II; Byz; LIsI
009	Kh. 'Alāqah	خربة علاقه	751181/3409532	1300	Iron II; LRom; Byz; EIsI; LIsI
010	Kh. al-Janīn	خربة الجنين	751300/3404082	1155	Iron Age, poss; LRom-Byz; MIsI; LIsI; MIsI/LIsI; Classical
012	Unknown		751393/3403438	1260	Ceramic period lithics; Iron II; Byz; Byz-EIsI; LIsI, prob
013	Kh. 'Arafah	خربة عرفه	746700/3414000	1060	Ceramic period lithics; Iron II, dom; LRom-Byz; EIsI; Mod
015	Kh. ad-Dayr	خربة الدير	746400/3416400	760	Ceramic period lithics; EB (?) bod; Iron II (?); Iron Age, prob; Nab bod; Byz/EIsI, dom; EIsI; Ud, poss Ott (LIsI)
019	Kh. al-Qurr	خربة القر	744496/3413824	1022	Ceramic period lithics; Iron II; Rom; Rom-Byz; LIsI
024	Kh. Qarqūr	خربة قرقور	747537/3404792	771	Ceramic period lithics; Iron II; ERom (Nab); Byz; LIsI
026	Qaşr Qarqūr	قصر قرقور	747926/3404187	820	Ceramic period lithics; Byz; MIsI; LIsI
027	Ad-Dabbah	خربة الدبّه	747237/3404543	708	Iron II; Rom; MIsI; LIsI
032	Al-Ma'tan	المعطن	748450/3406800	1140	LIsI
036	Ramsīs I	رمسيس	746512/3406221	891	Iron II; Rom; Byz; Byz/EIsI; LIsI, poss
037	Ramsīs II	رمسيس	746297/3408841	878	Iron I, poss; Iron II; Rom-Byz
043	Kh. al-Brayj	خربة البريج	748372/3402478	986	Iron II; Nab
044	Kh. al-Mabrak	خربة المبرك	747688/3402760	1141	Ceramic period lithics; Chal (?); Iron Age; Rom; Byz
047	Unknown		747356/3403571	1036	Ceramic period lithics; Iron II; Byz
048	'Ayn Qrayān	عين قريان	748099/3401567	116	Byz
049	Kh. al-Faṭāt	خربة الفطاط	748528/3401279	1200	Iron II; ERom; LRom; Byz; LIsI
050	Kh. Umm Za'rūrah	خربة ام زعروره	749995/3401406	1245	Iron II; ERom; Byz; LIsI
051	Kh. az-Zanāṭiyah	خربة الزناتيه	750322/3401426	1199	Iron Age; Byz; MIsI/LIsI
059	Unknown		743170/3405944	820	Ceramic period lithics; Iron Age, poss; Byz
061	Rujm al-Musayknah	رجم المسيكنه	743800/3405264	953	Ceramic period lithics; Iron II; ERom (Nab)
062	Qaşr Karayim bin 'Alī	قصر كريم بن علي	745330/3403314	1050	Iron II; Byz, prob; Ud, MIsI-LIsI painted ware
065	Unknown		741194/3407803	653	MPL; Byz; LIsI
071	Kh. al-Kūlā	خربة الكولا	746932/3403163	1258	Ceramic period lithics; Hell-ERom; Byz; MIsI/LIsI, dom
072	Kh. al-Qa'ir	خربة القعير	746247/3401661	1110	Ceramic period lithics; Late Iron I; Iron II; Byz; Ud
081-83	Kh. al-' Iṣ	خربة العيص	752542/3414080	1289	Ceramic period lithics; Hell-Rom (Nab); LRom; Byz; LIsI; Mod
086	Kh. Tal'at Ḥusayn	خربة تلعة حسين	755201/3413123	1278	Ceramic period lithics; Rom; Byz, dom; LIsI

Table 1: cont.

Site #	Site Name		Coordinates (E/N)	Elev.	Periods Represented
087	Kh. Ḥid	خربة حد	750614/3415205	970	Ceramic period lithics; Iron Age; Rom; Byz; EIsl, prob; LIsl
116	Kh. Ḥasan al-Ḥusayn	خربة حسن الحسين	751173/3412378	1199	Early Iron I (all close to LB, if not LB); Iron II; Hell, prob (could be LB); Rom/Byz; Ud
117	Kh. Zūbrah	خربة زوبره	750942/3408578	1337	Iron II; Iron Age; Byz; EIsl
126	Kh. Naqad	خربة نقد	753698/3407925	1344	Early Iron II; Byz/EIsl
130	Kh. Umm ash-Sha'ūr/ Kh. aṣ-Ṣlaybiyāt	خربة ام الشعير/ خربة الصليبيات	744104/3418173	720	Iron II; Byz; LIsl, prob
132	Tall Buṣayra	تل بصيره	749628/3403378	1110	Early Iron II; Iron II; Rom; Nab; Rom, prob; Byz; EIsl; LIsl; Mod
134	Sala' (Sela)	سلا	746614/3408269	856	Iron II; Iron Age; Rom (Nab)
135	Buṣayra Citadel	قلعة بصيره	749600/3404000	1140	EB, prob; Iron II; Iron Age Ud; Rom-Byz
137	Kh. Umm al-Malāfīs	ام الملافيس	754110/3406702	1142	Iron II; Rom (Nab); Byz; Ud
138	Kh. ad-Dahbā'	خربة الذهباء	747986/3415200	807	Byz; LIsl
140	Qaṣr al-Bint	قصر البنت	774914/3397959	1037	MPL, Iron II; ERom; LRom
141	Jurf ad-Darāwīsh Castellum	جرف الدراويش	774544/3398590	952	Ceramic period lithics; Ud lithics; Hell-Rom (no Nab)
142	Kh. Ḥarīr	خربة حرير	755812/3408009	1278	Ceramic period lithics; Ud lithics; Chal-EB (?); EB; Iron I; Iron II; Iron Age; ERom (Nab); Rom; Byz; MIsl/LIsl
142	Kh. Ḥarīr	خربة حرير	755800/3408170	1289	Chal-EB; EB; Iron I; Iron II; Iron Age; ERom; Rom; Byz; MIsl/LIsl
143	Kh. Umm al-Ḥarmal	ام الحرمل	756204/3407669	1317	Iron Age; Rom; Byz; MIsl/LIsl
147	Kh. al-Masalla	خربة المسلة	755907/3406831	1337	Iron Age, poss; Byz
151	Qal'at aṭ-Ṭafila	قلعة الطفيله	748918/3414717	1067	Iron II; Iron Age; Rom; Byz, dom; EIsl; LIsl; Ud

3). As Table 4 indicates, two drawings were done at six sites. In addition, team members did measurements at one site, namely, Jurf ad-Darāwīsh Castellum (قصر جرف الدراويش), Site 141, at which it was not possible to do a drawing because of erosion and silting.

The intention is to publish as many of these drawings as possible in the final report on the TBAS. Samples of these drawings are given here: Site 1, Khirbat al-Ḥārith (خربة الحارث) (Fig. 2); Site 5, 'Ayn al-Bayḍā (عين البيضا) (Fig. 3); Site 172 (Figs. 4, 5); and Site 192, Khirbat at-Tuwānah (خربة التوانه) (Figs. 6, 7).

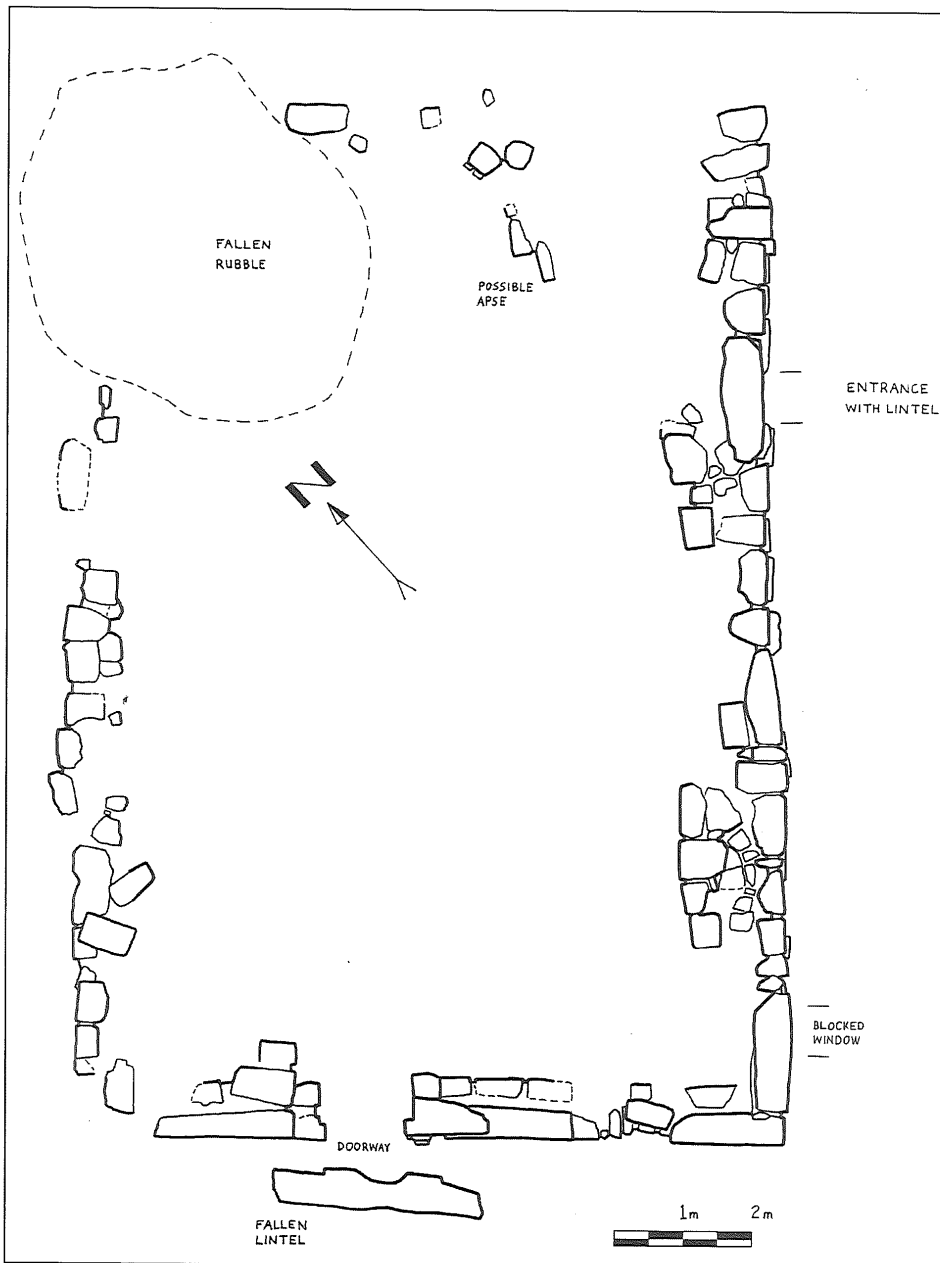
Acknowledgments

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B. MacDonald
Department of Religious Studies
P. O. Box 5000
St. Francis Xavier University
Antigonish, Nova Scotia B2G 2W5
Canada
E-mail: bmacdona@stfx.ca
Websites:
<http://www.stfx.ca/people/bmacdona/tbasweb/welcome.htm>
<http://www.stfx.ca/people/bmacdona/welcome.html>



3. Site 5, 'Ayn al-Baydā.

W. Sawtell
30 Cherrywood Dr.
Nepean, Ontario K2H 6G7
Canada

References

Bienkowski, P.
2002 *Busayra: Excavations by Crystal-M. Bennett*

1971-1980. *British Academy Monographs in Archaeology*. Oxford: Oxford University Press.
MacDonald, B. *et al.*
2000 *The Tafila-Busayra Archaeological Survey: Phase 1 (1999)*. *ADAJ* 44: 507-522.
2001 *The Tafila-Busayra Archaeological Survey: Phase 2 (2000)*. *ADAJ* 45: 395-411.

Table 2: Major architectural sites of the 2000 season.

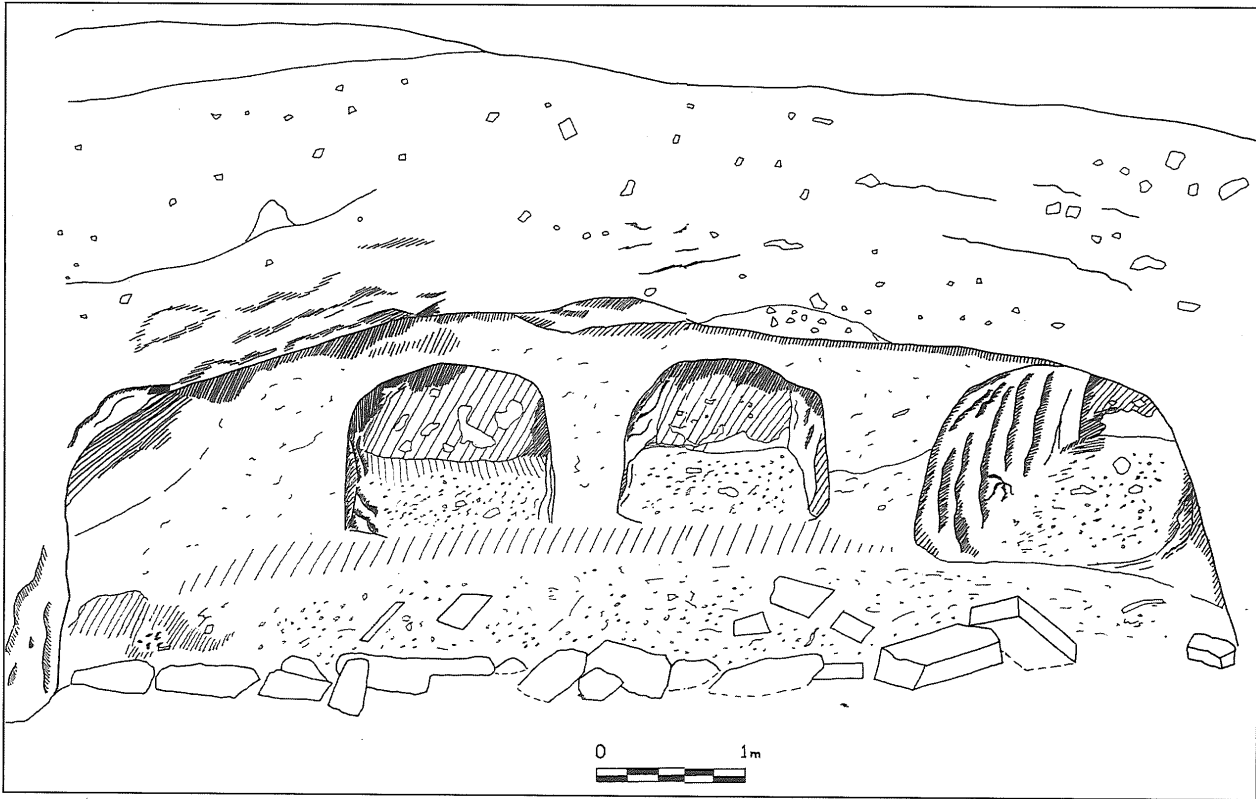
Site #	Site Name		Coordinates (E/N)	Elev.	Periods Represented
157	Kh. Umm Sarāb	خربة ام سراب	752528/3403485	1280	Iron II; Byz; EIsl; MIsI/LIsl
159	Kh. Ibn Hadāyah	خربة ابن هداية	754787/3402326	1482	Late NL/Chal/EB lithics; EB; Byz
160	Kh. ash-Sharī‘ah	خربة الشريعة	755615/3403870	1848	Iron II; ERom (Nab); LRom; Byz; LIsl
164	Kh. at-Ṭawlāniyah	خربة الطولانية	764331/3405499	1444	Ceramic period lithics (?); ERom (Nab) Rom; Byz; LIsl, prob
166	Kh. al-Frayj	خربة الفريج	754747/3410120	1358	ERom (Nab); Byz; MIsI/LIsl
167	Kh. al-‘Adāwīn	خربة العداوين	757118/3415538	1167	Iron II; ERom (Nab); LRom; Byz; EIsl; MIsI/LIsl
168	Kh. an-Naṣrāniyah	خربة النصرانية	756822/3413400	1203	Ceramic period lithics; Iron II; Rom, poss; Byz, dom
169	Kh. aṣ-Ṣīr	خربة الصير	757684/3413552	1185	Iron II; Byz; MIsI and/or LIsl
170	Kh. ‘Ābūr	خربة عابور	759705/3410519	1276	Iron Age I/II; ERom; Byz; MIsI/LIsl
173	Kh. al-Frayj	خربة الفريج	755567/3410820	1337	Ceramic period lithics; Iron II, poss; Byz
176	Rujm ath-Thalīthuwāt	رجم الثلاثوات	757951/3408115	1377	Ceramic period lithics; Iron II, prob; Byz; LIsl
177	Kh. Mughāmis	خربة مغامس	756562/3408277	1385	Ceramic period lithics; Iron II, dom; MIsI/LIsl
178	Unknown		763033/3411991	1168	Ceramic period lithics; ERom (Nab); Byz
180	Via Nova Traiana	طريق تراجان	Roman Road		Roman
182	Unknown		762786/3411672	1155	Ceramic period lithics; ERom (Nab); Byz
183	Qaṣr al-Bāshā	قصر الباشا	762649/3410510	1192	Ceramic period lithics; ERom (Nab); Byz; MIsI/LIsl
186	Khaṭṭ Shabīb	خط شبيب	764354/3411384 (within RS 26, Zone 2)	1178	Neither lithics nor ceramics collected
190	Kh. al-Khunayṣrah	خربة الخنيسره	760103/3403436	1325	Ceramic period lithics; ERom; LRom; Byz, dom; MIsI
192	Kh. at-Tuwānah	خربة التوانة	760865/3405214	1243	Ceramic period lithics (?); Iron II, prob; ERom (Nab); Byz; EIsl; MIsI/LIsl
196	Unknown		759150/3405850	1280	Neither lithics nor sherds found
248	Unknown		777124/3404612	930	Iron II; Rom-Byz
251	Rujm al-Ḥāj	رجم الحاج	776609/3404869	933	Ceramic period lithics; Byz
259	Rujm al-Qirān	رجم القران	766908/3401378	1363	Ceramic period lithics; Iron II; ERom (Nab); L;Rom; Byz
260	Rujm al-Ḥamra	رجم الحمرة	767686/3408782	1155	Iron Age; Rom; Byz, dom
268	Unknown		777275/3405906	900	Byz; MIsI-LIsl
272	Rujm Umm al-‘Azām	رجم ام العظام	764673/3416771	1167	Ceramic period lithics; Iron II; Rom; Byz
273	Kh. ad-Dabbah	خربة الدبة	759819/3400256	1480	Ceramic period lithics; Late Iron II, Poss; ERom; LRom; Byz; MIsI

Table 3: Structures drawn during the 2001 season.

Site#	Site Name		Structure Drawn
051	Kh. az-Zanātayah	خربة الزناتية	Rectilinear structure at village site
050	Kh. Umm Za'rūrah	خربة ام زعروره	Rectilinear structure/watchtower (?) at village site
062	Qaṣr Karayim bin 'Alī	قصر كريم بن علي	Rectilinear structure
071	Kh. al-Kūlā	خربة الكولا	Structure built of large stones at village site
049	Kh. al-Faṭāt	خربة الفطاط	Rectilinear structures at village site
026	Qaṣr Qarqūr	قصر قرقور	Fort (?)
001	Kh. al-Hārith	خربة الحارث	Rectilinear structure at village site
005	Kh. 'Ayn al-Bayḍā	خربة عين البيضاء	Rectilinear structure (church ?)
006	Kh. al-Hanānah	خربة الحنانه	Small, rectilinear structure
004	Kh. al-Frayḍis	خربة الفريديس	Large, rectilinear structure at village site
157	Kh. Umm Sarāb	خربة ام سراب	Rectilinear structure (church ?)
036	Ramsīs I	رمسيس	Fort (?)
126	Kh. Naqad	خربة نقد	Watchtower (?) at village site
142	Kh. Ḥarīr	خربة حرير	Dwelling (?) and rock-cut tombs at village site
172	Unknown		Rock-cut tombs - robbed
147	Kh. al-Masalla	خربة المسلة	Watchtower (?) and cistern at village site
164	Kh. aṭ-Ṭawlāniyah	خربة الطولانية	Fort/Watchtower
177	Kh. Mughāmis	خربة مغماس	Fortress
268	Unknown		Watchtower/Tomb
251	Rujm al-Ḥāj	رجم الحاج	Watchtower/Tomb
117	Kh. Zūbrah	خربة زوبره	Watchtower (?) at village site
009	Kh. 'Alāqah	خربة علاقه	Large, rectilinear structure at village site
130	Kh. Umm ash-Sha'īr/ Kh. aṣ-Ṣlaybiyāt	خربة ام شعير/ خربة الصليبيات	Watchtower and/or agricultural facility
192	Kh. at-Tūwānah	خربة التوانه	Caravanserai (?) and dwelling at town site
182	Unknown		Watchtower (?)/Robbed Tomb
183	Qaṣr al-Bāshā	قصر الباشا	Complex of rectilinear structures at caravanserai
170	'Ābūr	خربة عابور	Large, rectilinear structure at village site
190	Kh. al-Khunayṣrah	خربة الخنيسرة	Agricultural facility at fort (?)
211	Unknown		Circular enclosure
239	Unknown		Water catchment facilities
233	Unknown		Circular enclosure
232	Unknown		Circular enclosure
282	Unknown		Circular enclosure
260	Rujm al-Ḥamra	رجم الحمرة	Watchtower
169	Kh. aṣ-Ṣīr	خربة الصير	Large, rectilinear structure at village site
012	Unknown		Rectilinear Structure (church ?)

Table 4: Sites at which two drawings were done.

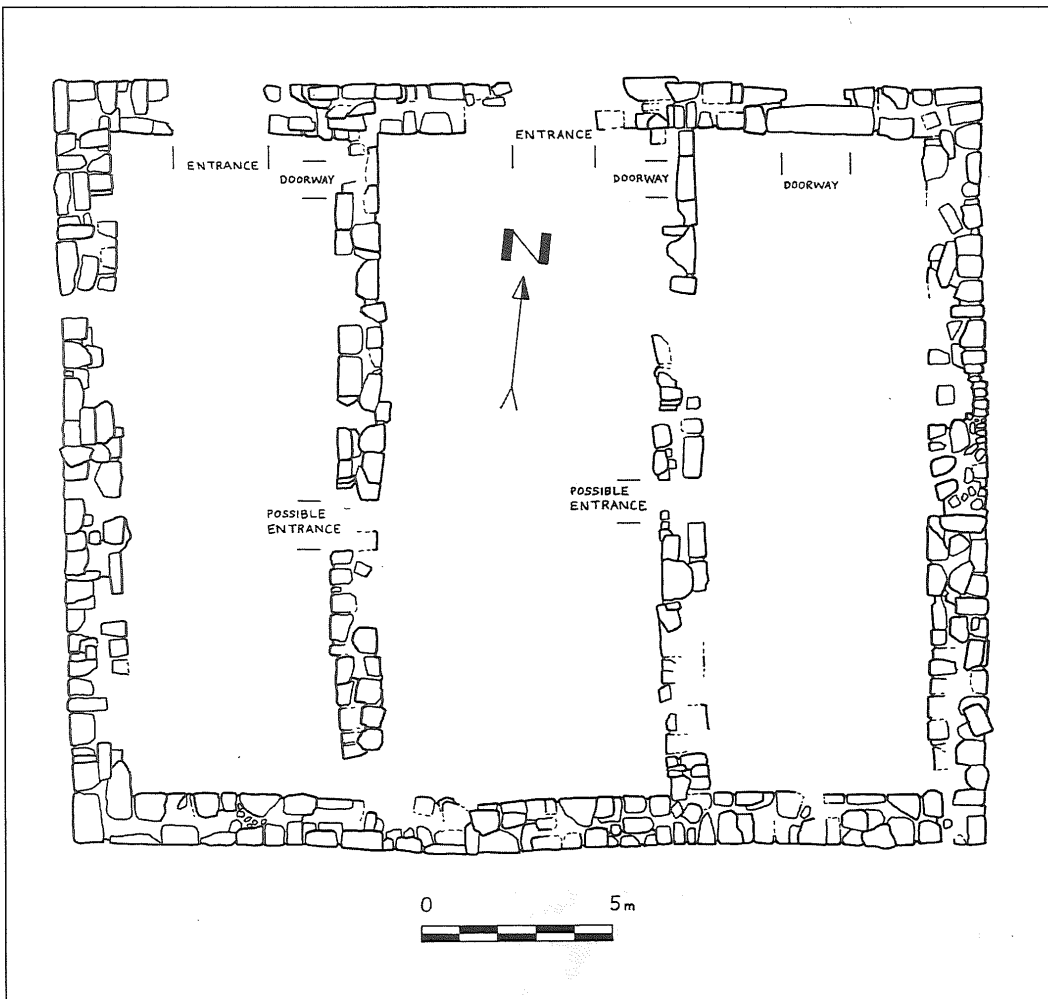
Site #	Site Name		Structure(s) drawn
005	Kh. 'Ayn al-Bayḍā	خربة عين البيضاء	Possible church and lintel over west end of structure
049	Kh. al-Faṭāt	خربة الفطاط	One major structure and one associated with a cistern/cave
142	Kh. Ḥarīr	خربة الحرير	One residential structure and one series of rock-cut tombs
147	Kh. al-Masalla	خربة المسلة	One watchtower and one cistern
192	Kh. at-Tūwānah	خربة التوانه	One possible caravanserai and one residential building
239	Unknown		Two water-catchment facilities



4. Rock-cut tombs.



5. Site 172, robbed, rock-cut tombs.



6. Site 192, Khirbat at-Tuwānah.



7. Site 192, Khirbat at-Tuwānah; east side, looking southeast.