

## Appendix C. Descriptions of excavated materials from Garnawala 2

Table C.1. Description of stratigraphic layers from the 1990 and 1991 excavations at Garnawala 2.

Layer	Cumulative Depth (cm)	Colour	Texture	pH	Description
Ia	0-2	2.5YR 4/3 Reddish-brown	Loamy sand	6.5	Loose surface sediments containing organic macro-remains (e.g. macropod and cattle faeces, leaves, twigs). Stone artefacts and contact items are also present. Sediments are very loose and disturbed.
Ib	2-16	2.5YR 4/3 Reddish-brown	Loamy sand	6.5	Sediments are similar to those of SU1a in their cultural and non-cultural contents. The only difference between Layer Ia and Layer Ib is that the latter is more compact than the former. In most squares the changeover from Layer Ia and Layer Ib is marked.
II	16-24	2.5YR 3/1 Dark reddish-grey	Clayey sand	5.5	A well defined layer of white and grey ash. It is relatively loose but appears to be undisturbed. This layer consists almost entirely of ash and charcoal with many <i>in situ</i> materials observed during the excavation (including contact items). The boundary between Layer IIb and overlying Layer Ib and Layer IIa is well defined. The boundary with underlying Layer III is well defined.
III	24-35.7	2.5YR 4/2 Weak red	Loamy sand	5.5	Layer III is a well defined layer containing cultural materials. It is more compact and immediately overlies the bedrock. In some parts of the excavated area the upper surface of the bedrock itself broke-up as small flat plates of sandstone which were excavated as part of Layer III. In one part of the excavated area a currently active termite nest appeared at the base of Layer III. This termite nest was isolated from Layer III during excavation, and was left <i>in situ</i> (i.e. termite contamination was clearly demarcated stratigraphically and isolated from the <i>in situ</i> deposits).
IV	35.7-120.7	2.5YR 4/3 Reddish-brown	Loamy sand	5.5	Uniform sediments. Loose, decomposed sandstone fragments are abundant. This layer is very rocky, in the sense that sandstone pieces are common, including large pieces.
V	120.7				This is the sandstone bedrock, the upper surface of which is fragmenting in flat plates in parts of the excavation.

**Table C.2. Size and stratigraphic association of excavation units from Square Q28, Garnawala 2.**

Spit	Stratigraphic Unit	Mean Spit Thickness (cm)	Cumulative Depth (cm)	Area Excavated (m <sup>2</sup> )	Sediments Excavated (kg)
1	Ia	1.2	1.2	0.25	3.5
2	III	2.1	3.3	0.25	4.0
3	III	3.5	6.8	0.25	11.5
4	III	1.7	8.5	0.25	12.5
5	III	4.3	12.8	0.25	13.0
6	III	3.2	16.0	0.25	11.0
7	III	1.8	17.8	0.25	11.0
8	III	2.6	20.4	0.25	11.0
9	III	3.2	23.6	0.25	11.0
10	III	3.8	27.4	0.21	11.0
11	III	4.3	31.7	0.17	10.0
12	III	4.0	35.7	0.15	10.0
13	III/IV interface	4.6	40.3	0.12	12.0
14	IV	3.5	43.8	0.18	26.5
15	IV	4.2	48.0	0.16	10.0
16	IV	4.2	52.2	0.16	12.0
17	IV	3.0	55.2	0.20	12.0
18	IV	5.0	60.2	0.22	11.0
19	IV	3.3	63.5	0.22	11.0
20	IV	5.0	68.5	0.15	12.0
21	IV	7.0	75.5	0.14	10.5
22	IV	7.2	82.7	0.14	9.0
23	IV	6.9	89.6	0.19	12.0
24	IV	6.7	96.3	0.14	14.5
25	IV	10.3	106.6	0.14	13.0
26	IV	14.1	120.7	0.17	6.5

**Table C.3. Non-stone cultural materials from Square Q28, Garnawala 2.**

Spit	Cumulative Depth (cm)	Charcoal (g)	Animal Faeces (g)	Organics (g)	Bone (g)	Ochre (g)
1	1.2	5.5		18	2	3
2	3.3	4.1		4	1	6
3	6.8	9.4		4	0	11
4	8.5	12.7		1	1	14
5	12.8	20.3		2	<0.1	2
6	16	21.3		2		9
7	17.8	14.1		1	0	1
8	20.4	13.2	14	2	0	
9	23.6	18.4		2	<0.1	2
10	27.4	15.0	1	2		
11	31.7	2.9		3		5
12	35.7	5.1		1		9
13	40.3	0.6		0		0
14	43.8	0.8		2		0
15	48	0.5		0		1
16	52.2	0.3		0		1
17	55.2	1.6		1		10
18	60.2	0.4		0		1
19	63.5	0.4		1		3
20	68.5	0.7		1		1
21	75.5	0.1		1		1
22	82.7			0		
23	89.6			2		
24	96.3	<0.1		0		0
25	106.6	0.1		0		
26	120.7	0.3		1		

Table C.4. Stone artefact counts from Square Q28, Garnawala 2.

Spit	Cumulative Depth	Cores	Core Fragments	Serrated Pressure Retouch	Bifacial Points	Unifacial Points	Transformed Unifacial Points	Lancets	Leifirras	Tulas	Retouched Flakes	Bipolar Lancelet Butts	Burins	Burrens	Redirecting Flakes	Spalls	Ground Edge Axes	Axe Flakes	Grindstone Fragment	Bipolar Core	Heat Affected
1	1.2	1		3		12	1	21							1	1		1			13
2	3.3					5		5			1		1			1		2			8
3	6.8	1			2	10		29	1				1		4	1		2			26
4	8.5	1		2		6		19				1	2		2	2			1		16
5	12.8					14		42			1	4	2		5	8	1	1			27
6	16				1	11		25								5		3			13
7	17.8				4	17	2	26			1	4	1	1		3					23
8	20.4				1	16	1	23				3	1			6					15
9	23.6				1	24	1	28					2		1	9					10
10	27.4				6	23		38		1		1	2		1	5					15
11	31.7				12	27	1	28		2			1		2	2					15
12	35.7				2	8	1	5										1			8
13	40.3														1						6
14	43.8	1																			6
15	48							1							1						3
16	52.2																				3
17	55.2																				6
18	60.2	1						2							2						9
19	63.5										1				4					2	27
20	68.5	4													4						27
21	75.5	1	1					1							1						11
22	82.7																				1
23	89.6																				5
24	96.3		1												1						6
25	106.6																				2
26	120.7																				

Table C.5. Raw material counts from Square Q28, Garnawala 2.

Spit	Cumulative Depth	Glass	Chert	Monteliffni Chalcedony	Tindall Yellow Chert	Local Hydrothermal chert	Nimji Brecciated Chalcedony	Local White Chert	Local Hydrothermal Chalcedony	Red Banyan Chert	Antim Plateau Quartzite	Jasper Gorge Quartzite	Basalt	Silcrete	Other Volcanic	Oolitic chert	Sandstone	Black Chert	Quartz	Calcite Crystal	Crystal Quartz	Soft Grey Metamorphic / Volcanic	Total No.
1	1.2		13		2	11		8	40	6	114	27		3			9					1	234
2	3.3	3	7		1	4		9	17	8	152	24	2	3								1	231
3	6.8		67		2	28		23	179	20	487	83	5	7	1	1	4	1				2	910
4	8.5		55		2	35		16	223	28	439	81	1	6			1	3				4	894
5	12.8		76		2	39		56	359	41	627	132	1	6				3		1		9	1352
6	16		67		4	31		29	238	30	549	105		22			1					4	1080
7	17.8		41		6	34		30	262	24	471	41		9				1	3			1	920
8	20.4		29			34		37	140	28	415	67		9		1		5				1	769
9	23.6		51		2	29		42	221	37	361	62		6		1		2				1	815
10	27.4		23		1	16		24	148	23	206	33		2				2					478
11	31.7		32	1	4	14		19	63	21	239	15		15		1		2				1	427
12	35.7		21			15		19	32	8	127	10		4									236
13	40.3		14			7	1	7	14	2	48	4		3									100
14	43.8		24			21		6	2	5	105	5		3									171
15	48		32			15		7	27	4	98	2											185
16	52.2		21			21		3	30	6	81	1					3						166
17	55.2		91			57		19	31	10	208	4				2							422
18	60.2		56		1	37		2	36	6	262	5				1			3				415
19	63.5		44	1	1	63	7	11	38	12	351	5		1				1	1				536
20	68.5		43			57	3	23	16	12	212	12		2		1		1	2				384
21	75.5		27			21		11	21	3	88	4											175
22	82.7		3		1	8		1	3	1	24	0		2									43
23	89.6		9		1	7		2	2	1	43	2											67
24	96.3		10			13		10	6	7	63	3						3					117
25	106.6		9			5.0	1	2	7	3	31	4											62
26	120.7		4			9			4	2	17												36