

# Appendix D. Descriptions of excavated materials from Jagoliya

**Table D.1. Stratigraphic description for the 1998 excavation at Jagoliya.**

Layer	Depth (cm)	Munsell	Colour	pH	Texture	Description	9E Spits	9F Spits	8E Spits	8F Spits
I	0-4.2	5YR 5/3	Dark reddish grey	6	Loamy Sand	Loose ashy sand with abundant charcoal and organic matter. Kangaroo/feral pig wallows have disturbed the surface in places.	1	1	1	1
II	4.2-5	5YR 5/2	Reddish grey	6.5	Clayey Sand	More compact ashy sand. Undulating surface due to wallows. Organic matter reduced significantly.	1	2	2-4	2-3
III	5-9.4	10YR 4/2	Dark grayish brown	6.5	Loamy Sand	Compact ashy sand. Roots mark the interface with Layer IV.	2	3-5	5-8	6-8
IVa	10-12.9	5YR 5/2	Reddish grey	5.5-6	Clayey Sand	A thin lens of charcoal and burnt earth.	4 & 5	7	11	10-11
IVb	19-29	10YR 4/2	Dark greyish brown	6	Clayey Sand	A thick lens of burnt earth.	7	12-13	14	16-17
IV	12.9-32.2	5YR 4/2	Dark reddish grey	6	Clayey Sand	A uniform, compact ashy sand. Roots are particularly common.	3, 6 & 8-10	6, 8-11, 14	9-10, 13, 15-17	9, 12-15, 18
V	32.2-48.5	5YR 4/2	Dark reddish grey	5	Clayey Sand	A dark coloured sand with abundant stone artefacts. This layer is clearly visible as a much darker band in all sections.	11-15	15-20	18-19	19-22
VI	48.5-57.2	5YR 6/3	Light reddish brown	6.5	Loamy Sand	A lighter coloured loose layer directly overlying rubble layer. Rubble content is increasing.	16-17	21-24	20-24	23-25
VII	57.2-125	5YR 6/3	Light reddish brown	6.5	Loamy Sand	Extremely rubbly layer with loose sand in between large pieces of sandstone and unsorted gravel of all sizes. This layer becomes more compact with depth.	18-29	25-37	25-34	26-34

**Table D.2. Spit depths by square for Jagoliya.**

Spit	8E		8F		9E		9F	
	Mean Depth (cm)	Cumulative Depth (cm)	Mean Depth (cm)	Cumulative Depth (cm)	Mean Depth (cm)	Cumulative Depth (cm)	Mean Depth (cm)	Cumulative Depth (cm)
1	4.2	4.2	1.0	1.0	7.5	7.5	3.8	3.8
2	0.8	5.0	1.5	2.5	1.0	8.5	0.7	4.5
3	1.2	6.3	1.5	4.0	1.0	9.5	0.5	4.9
4	--	--	2.1	6.1	3.2	12.7	1.7	6.6
4b	3.2	9.4	--	--	--	--	--	--
5	2.2	11.6	1.5	7.6	3.2	15.9	3.1	9.7
6	0.6	11.6	2.9	11.2	1.0	15.9	0.4	10.1
6b	1.3	12.9	--	--	2.4	18.4	--	--
7	3.9	16.8	2.7	13.9	2.1	20.5	3.0	13.1
8	1.3	18.2	1.9	15.8	2.2	22.7	2.3	15.5
9	2.8	21.0	1.9	17.7	3.5	26.2	2.2	17.6
10	2.7	23.7	3.0	20.7	5.4	31.6	2.4	20.0
11	3.0	26.7	3.0	23.7	1.7	33.4	3.1	23.1
12	2.4	29.0	1.7	25.5	1.7	35.1	2.2	25.2
13	3.1	32.2	2.8	28.3	2.8	37.9	0.8	26.1
14	2.9	35.1	3.6	31.8	2.8	40.8	1.8	27.9
15	3.0	38.0	3.2	35.0	2.0	42.8	2.1	30.0
16	3.3	41.4	3.2	38.1	2.4	45.2	3.4	33.4
17	2.0	43.3	2.2	40.4	2.9	48.1	3.4	36.8
18	2.8	46.1	3.1	43.5	2.2	50.3	2.0	38.8
19	2.4	48.5	1.5	44.9	3.5	53.8	2.0	40.8
20	2.4	51.0	2.2	47.2	1.1	54.9	3.1	43.9
21	1.7	52.7	2.7	49.8	2.8	57.7	3.2	47.1
22	3.1	55.7	3.4	53.2	2.6	60.3	0.7	47.9
23	1.5	57.2	1.8	55.0	1.8	62.1	2.8	50.7
24	2.2	59.4	2.5	57.5	2.9	65.1	2.3	53.0
25	1.9	61.3	1.2	58.7	2.3	67.4	2.4	55.4
26	5.2	66.5	1.5	60.1	2.8	70.1	2.5	57.9
27	2.0	68.5	3.8	64.0	5.4	75.5	1.9	59.8
28	2.0	70.4	3.3	67.3	3.1	78.7	4.9	64.7
29	2.4	72.8	3.7	70.9	4.7	83.4	3.6	68.3
30	3.9	76.7	7.8	78.7	16.4	99.8	3.7	72.1
31	6.6	83.3	6.0	84.7	6.2	106.0	4.8	76.9
32	13.7	97.0	10.0	94.7	24.7	130.7	4.9	81.8
33	9.2	106.2	4.9	99.6			5.1	86.9
34	10.5	116.7					9.9	96.8
35	6.6	123.3					5.8	102.6
36	1.5	124.8						

**Table D.3. Non-stone cultural materials for Square 8E, Jagoliya.**

Spit	Depth (cm)	Charcoal (g)	Matrix (g)	Faecal Pellets (g)	Seeds (g)	Organics (g)	Teeth (g)	Bone (g)	Mussel Shell (g)	Land Snail (g)	Resin (g)	Beads	Burnt Earth (g)	Ochre (g)	Insect (g)	Termite Nest (g)
1	3.8	42.4	352.8	2.3	2.3	66.4		1.4	2.8			1	2.3	4.4	2	8.1
2	4.5	7.3	93.7	0.8	0.8	4.8	1	0.2	0.8		1.5		0.2	0.6	<0.1	1.7
3	4.9	4.6	51.1		0.6	5.8		0.1					0.1	0.2	0.2	1.8
4	6.6	12.4	124.7		1.3	5.6		0.1					0.5	<0.1	0.4	2.1
5	7.0	7.3	114.5		<0.1	8.4		0.3	<0.1	<0.1			0.1	0.2	0.2	3.6
6	8.4	14.2	126.1		0.3	11						1	1.1	1.1	1.3	1.7
7	11.4	34.4	203		0.1	9.8		0.2	<0.1				0.9	0.2	0.5	5.3
8	13.7	17.4	118.2		<0.1	8.4		0.1					0.3	0.6	0.7	11.2
9	15.8	12.7	170.2		<0.1	7.3		0.8					0.2	<0.1	4.2	
10	18.2	15	139.8	<0.1		82.5		<0.1					0.3	0.5	0.1	2.4
11	21.3	11.1	115.8		<0.1	14.4							1.7	1.4	0.2	153
12	23.5	11.2	151.4			15.4							0.7			323
13	24.3	6	50.9			32.6							0.2	<0.1	<0.1	2.1
14	26.1	3.8	85.4			48.9								0.7		46.2
15	28.2	12.1	122.1			50.4							2	0.3		21.8
16	31.6	13.5	247.7		<0.1	8.6							3.7	1.5	<0.1	12.1
17	35.0	10.6	454.4			23.5							6.1		0.1	
18	37.0	4	279.9			16		<0.1					1.1	1		
19	39.0	3.7	277.3			2							1.7	2.5	<0.1	
20	42.2	2.7	340.3			1.3		<0.1					1.1	<0.1	<0.1	
21	45.3	1.8	426.4			1.6							9.4			
22	46.1	0.9	260.8			1.7							0.2	<0.1	<0.1	
23	48.9	0.5	334.3			4.1								11		
24	51.2	0.9	616.4			1.4								1.9		
25	53.6	0.3	774.5			1.3							1	0.2		
26	56.1	0.2	655.2			1.3										
27	58.0	<0.1	1126.4			0.2							0.1			
28	62.9	0.1	1482.8			0.6										
29	66.6	0	2858			0.5										
30	70.3	<0.1	3879.7			1.8										
31	75.1	0	3108			1										
32	80.0	<0.1	2086.1			0.2										
33	85.1	<0.1	4970.6			2.2										
34	95.0		1528.6			0.4										
35	100.8		3610.4			0.9										

**Table D.4. Non-stone cultural materials for Square 8F, Jagoliya.**

Spit	Depth (cm)	Charcoal (g)	Matrix (g)	Faecal Pellets (g)	Seeds (g)	Organics (g)	Bone (g)	Mussel Shell (g)	Beads	Burnt Earth (g)	Ochre (g)	Resin (g)	Insect (g)	Termite Nest (g)
1	1	17.1	146	2.4	1.8	23.4	0.2	0.3		0.6	0.8		0.4	1.5
2	2.49	20	145.5	0.3	0.9	12.2	0.3	4.6	1	1	0.8	0.2	0.5	0.6
3	3.98	12.4	99.6	2.2	0.4	7.2	2.2	0.2		0.4	1		0.4	0.9
4	6.12	30.1	193.5	1.7	1.6	8.5	1.1	1.7		0.4	1.5		0.7	7.2
4b		1.8	7.5			0.7								0.1
5	7.6	8.7	58.8			3.6	0.3	0.3		0.5			1.2	2.3
6	8.3	19.4	115.6	0.2	0.1	6.5	0.2	<0.1		0.2	0.3		0.6	3.2
7	11.2	20.8	98.6	0.2	<0.1	4.6	0.2			0.4	0.2		0.7	1.6
8	13.9	25.8	166.4			10.1		<0.1		0.9			<0.1	62.1
9	15.8	8.8	129.4			20.8				1			0.3	13.9
10	17.7	12.9	94.4			11.8	<0.1			3	0.8		0.5	9.3
11	20.7	22.1	136.8		<0.1	21.5				<0.1	0.5		<0.1	0.2
12	23.7	10.3	130.3			6.4				1			0.1	61.9
13	25.5	17.3	165			8.5				0.1				11.3
14	28.3	10	151.4		<0.1	30				0.1	1.1		<0.1	0.4
15	31.8	16.4	211.2			16	<0.1			2.2	1.6			
16	35	11	297.5			2.9	<0.1			3.6	0.2			
17	38.1	5	13.3							2.3	1.5			
18	40.4	3.8	297.7			45.3	<0.1							
19	43.5	1.6	698.5			19.8				2.4	6.2			
20	44.9	0.7	375.1			2.3				0.4				
21	47.2	1.2	350.5			1.51								
22	49.8	1.7	952			1.6				5	0.3			
23	53.2	0.3	1245.7			1.5				3.8				
24	55	0.5	1084.6			2.1								
25	57.5	0.2	795.8			0.4				0.7				
26	58.7	0.2	454.4			0.6								
27	60.1	<0.1	749.4			0.4								
28	64	0.1	1241.2			1.2								
29	67.3	<0.1	3012.8			0.4								
30	70.9	0	4360.8			2.5								
31	78.7	<0.1	5565.3			2.7								
32	84.7	0	3151.3			2.5								
33	94.7	0	1883.5			0.6								
34	99.6	0	3344.4			0.6								

**Table D.5. Non-stone cultural materials for Square 9E, Jagoliya.**

Spit	Depth (cm)	Charcoal (g)	Ochre Stained Rock	Matrix (g)	Faecal (g)	Seeds Pellets (g)	Organics (g)	Bone (g)	Mussel Shell (g)	Fish Bone (g)	Land Snail (g)	Beads	Burnt Earth (g)	Ochre (g)	Resin (g)	Insect (g)	Termite Nest (g)
1	7.5	107		918	2.2	20	70.3	3.8	13	<0.1	<0.1		7.6	6.1	6.5	6.1	22.6
3	8.5	0		0			0										
4	9.5	0.1		2.5			0.1							<0.1		<0.1	
5	12.7	0.7		7.4			2.2	0.2	<0.1							<0.1	0.3
6a	12.7	0.5		3.6			0.2										
6b	12.7	14.6		98.6	0.1	0.8	6.8	0.2	<0.1					0.3		0.1	7
7	12.7	34.5		231		0.4	7.7	1.3				1	1.3	0.6		1.8	26.1
8	14.8	21.4		136.7			4.3	0.1					0.3	0.1		1.5	16
9	17.0	18.8		136.5			5.1	<0.1	<0.1				1.6	0.9		0.3	11.4
10	20.5	35.7		282.1			26.1	0.2					1.2			0.2	24.8
11	25.9	28.1		321.9			9.5						0.5	0.9		0.6	86.8
12	27.7	12.6		104.5			10.9						1.2	3.8		0.1	1.6
13	29.4	15.8		177.1			8.9						1.4	0.4			0.6
14	32.2	13.1		261.3			9						1.5	15			6.7
15	35.1	4.5		212.8			3.6						2	4.1		<0.1	
16	37.1	4		342.6			2.6						7	0.8			
17	39.5	2.4		685.5			2.1						29	0.1		<0.1	
18	42.4	1.3		372.7			1.1						0.9	1.5		<0.1	
19	44.6	1.4		529.5			0.7	0.1					0.1	1.3		<0.1	
20	48.1	1.8		522			1.2						0.6	1.5			
21	49.2	1.1	1	408.1			0.3						0.4	2.4			
22	52.0	0.8		840			0.5						0.1				
23	54.6	0.6		1060.1			2.8										
24	56.4	0.1		1186.3			0.8										
25	59.4	<0.1		916.1			0.2							1.2			
26	61.66	0		764													
27	64.23	0.6		2169.8			0.7										
28	70	0.1		1321			0.3							0.8		<0.1	
29	73.14	0		3252.9			1.2										
30	77.88	0		4362.4			0.8										
31	94.24	0.6		9413.5			3.2						<0.1	457		<0.1	
32	99.73	0.4		5300.8			1							2.9			
33	123.5	0.3		10502			1.6										

**Table D.6. Non-stone cultural materials for Square 9F, Jagoliya.**

Spit	Depth (cm)	Charcoal (g)	Ochre Stained Stone	Matrix (g)	Faecal Pellets (g)	Seeds (g)	Organics (g)	Bone (g)	Mussel Shell (g)	Land Snail (g)	Resin (g)	Beads	Burnt Earth (g)	Ochre (g)	Insect (g)	Termite Nest (g)
1	4.2	83		674	5.4	9.6	75.8	3.6	2.5	< 0.1	0.7	1	1.6	0.8	2.7	57.5
2	5.0	9.1		48.2			10.3	<0.1	<0.1				0.3		0.4	2.6
4	6.3	13		271.2	0.3		16.1	0.1	0.3				0.5	0.1	0.1	2.3
5	9.4	18.3		137.9			21.8	0.2	0.3				0.1	0.2	0.6	5.8
6a	11.6	4.4		84.7	<0.1	0.2	6.4	0.1	<0.1				0.4	0.3	0.4	7
7	12.9	13.6		153.7	0.1	0.3	6.7	0.2	<0.1	<0.1			0.4	0.3	<0.1	5.4
8	16.8	34.6		240.2			11.8	0.5	<0.1				0.3	<0.1		73.3
9	18.2	18.9		107.5			8.3	<.1							0.5	5.9
10	21.0	16.2		138.1		0	10.4	<0.1					0.8	0.3	0.3	12.5
11	23.7	19.7		184.6			9						1.6	0.8	0.8	
12	26.7	20.4		196.9			25.2						0.4	1	0.5	0.7
13	29.0	12.5		138.7		0.2	3.5		<0.1				0.9	2.1	<0.1	5.6
14	32.2	15.3		260.7			13.8					1	2.2		<0.1	
15	35.1	10.1					22.3						1.4			0.3
16	38.0	4.4		409.2			4.5						5.1	0.7		
17	41.4	3.3		436.5			7						7.3	0.5	<0.1	<0.1
18	43.3	0.6		285.2			0.5						1	0.2	<0.1	
19	46.1	1.3		338.7			0.5						1.5	0.8		0.1
20	48.5	2.1		322.8			0.2						1.2		<0.1	
21	51.0	0.5	1.0	225.8		0	5.2						0.4			
22	52.7	<0.1		109.8			0.1						0.3			
23	55.7	0.2		753.8			0.3						1.7	0.6		
24	57.2	0.1		495.8			1.2									
25	59.4	0.1		815.6			1.1									
26	61.3	<0.1		594.6			<0.1									
27	66.5	0.1		1261.9			0.7							0.4		
28	68.5	<0.1		4442.4			1.6							<0.01		
29	70.4			2478.2			<0.1									
30	72.8			1972.9			0.4						0.6			
31	76.7		1.0	3680.8			2.2									
32	83.3	0.1		3942			0.5									
33	97.0	<0.1		7313.9			0.6									
34	106.2			4884.3			0									
35	116.7	0.1		3544.9			4.1									
36	123.3			2686			2.1									
37	124.8			734.3			0.2									

**Table D.7. Stone artefact counts from Square 8E, Jagoliya.**

Spit	Cumulative Depth (cm)	Cores	Bifacial Points	Unifacial Points	Lances	Retouched Flakes	Recycled Broken Flakes	Redirecting Flakes	Spalls	Stone Artefacts
1	3.8									28
2	4.5									3
3	4.9									8
4	6.6									14
5	7.0									10
6	8.4									19
7	11.4									57
8	13.7									23
9	15.8									31
10	18.2									40
11	21.3									37
12	23.5									51
13	24.3									17
14	26.1									43
15	28.2									53
16	31.6			1				1		142
17	35.0			1			1			141
18	37.0			5						138
19	39.0			2	2				4	187
20	42.2			4	2		1		1	206
21	45.3			1						209
22	46.1	1	1			1	2	1	1	174
23	48.9		1	1		1				115
24	51.2		2	1						119
25	53.6					1				79
26	56.1					1				55
27	58.0	1				2			2	42
28	62.9	2				1		1		33
29	66.6					1				4
30	70.3									2
31	75.1									0
32	80.0									0
33	85.1									4
34	95.0									1
35	100.8									0

**Table D.8. Stone artefact counts for Square 8F, Jagoliya.**

Spit	Depth (cm)	Cores	Bifacial Points	Unifacial Points	Lancets	Retouched Flakes	Burin	Redirecting	Spalls	Axe Flakes	Bipolar Core	Stone Artefacts
1	1											13
2	2.49											17
3	3.98											6
4	6.12			1								18
5	7.6											9
6	8.3											18
7	11.2									1		24
8	13.9											32
9	15.8											27
10	17.7									1		28
11	20.7											43
12	23.7											48
13	25.5											69
14	28.3			1								80
15	31.8									1	1	160
16	35		1	2	2							193
17	38.1		1	2	1		1					229
18	40.4			3	2				2	2		178
19	43.5		1	2		1			1	1		236
20	44.9		1		2							125
21	47.2		1		1					1		167
22	49.8		2	1	1							199
23	53.2		1									96
24	55				1							65
25	57.5	?										36
26	58.7								1			25
27	60.1					1		1				11
28	64	1				1						21
29	67.3											0
30	70.9											4
31	78.7											4
32	84.7											1
33	94.7											0
34	99.6											1



**Table D.9. Stone artefact counts for Square 9E, Jagoliya.**

Spit	Cumulative Depth (cm)	Core	Bifacial Points	Unifacial Points	Lancets	Tula	Retouched Flakes	Recycled Broken Flakes	Burin	Redirecting Flake	Spalls	Axe Flakes	Grindstone Topstone	Stone Artefacts
1	7.5			2	1		3							84
3	8.5													0
4	9.5													0
5	12.7													0
6a	12.7													0
6b														21
7	12.7													35
8	14.8						1							35
9	17.0						1							32
10	20.5			1			1							75
11	25.9													121
12	27.7													52
13	29.4													108
14	32.2			1										138
15	35.1			2										91
16	37.1		1	1	5		1				3			156
17	39.5		1	4	4		2				1	1		183
18	42.4		2	1							2		1	164
19	44.6		5	1	2				1		4			197
20	48.1		4	2										176
21	49.2		2			1	1						1	70
22	52.0	1	1		1									91
23	54.6						2							80
24	56.4	1			1									84
25	59.4		1				2	2						54
26	61.66	2					1							10
27	64.23						2			2				34
28	70	2					2							58
29	73.14													5
30	77.88													2
31	94.24						2							12
32	99.73													3
33	123.5													2

**Table D.10. Stone artefact counts for Square 9F, Jagoliya.**

Spit	Cumulative Depth (cm)	Cores	Bifacial Points	Unifacial Points	Lancets	Tula	Retouched Flakes	Burin	Redirecting Flakes	Spalls	Axe Flakes	Grindstone Flakes	Stone Artefacts
1	4.2												57
2	5.0												7
4	6.3				1								16
5	9.4												21
6a	11.6												17
7	12.9												23
8	16.8												59
9	18.2												38
10	21.0												50
11	23.7												67
12	26.7												71
13	29.0												72
14	32.2			1									117
15	35.1			1						1	1		136
16	38.0		3	5						2	1		174
17	41.4			3	1	1	4				1		207
18	43.3		2	2						1	1	1	124
19	46.1		1	2			1			2	1		244
20	48.5		2	1		1				3			176
21	51.0												129
22	52.7		2									1	33
23	55.7		1	1			3						131
24	57.2												41
25	59.4						2						62
26	61.3						1						40
27	66.5						1		2				23
28	68.5	1											26
29	70.4						1						14
30	72.8												3
31	76.7												2
32	83.3												0
33	97.0												0
34	106.2												1
35	116.7												0
36	123.3												0
37	124.8												0