

Appendix E. Descriptions of excavated materials from Gordolya

Table E.1. Stratigraphic descriptions for Square N25, Gordolya.

| Layer | Cumulative Depth (cm) | Colour | Texture | pH | Description |
|-------|-----------------------|-------------------------------|-----------------------|-----|--|
| Ia | 0-7 | 5YR 3/4 Dark reddish-brown | Sandy clay loam | 8.5 | Loose, scuffed surface with abundant organic matter. |
| Ib | 7-15 | 5YR 4/3 Reddish-brown | Sandy clay loam | 8.5 | A loose fine sandy layer containing a hearth lens |
| Ic | 15-35 | 5YR 3/4 Reddish-brown | Sandy clay loam | 8.5 | A loose fine sandy layer containing a hearth lens |
| II | | 5YR 4/3 Dark reddish-brown | Light sandy clay loam | 8.5 | Compact coarser-grained sandy layer |
| III | 35-54 | 5YR 3/1 Very dark grey | Light sandy clay loam | 8.5 | Compact charcoal and ash-rich layer. |
| IVa | 54-60 | 5YR 3/2 Dark reddish-brown | Light sandy clay loam | 8.5 | Compact coarser-grained sandy layer |
| IVb | 60-70 | Reddish-brown | Sandy loam | 6.5 | Sterile sand layer |
| V | 70 | | | | Bedrock |

Table E.2. Non-stone cultural materials from Square M24, Gordolya.

| Spit | Cumulative Depth cm | Charcoal (g) | Bone (g) | Ochre (g) | Shell (g) | Other Organics (g) |
|------|---------------------|--------------|----------|-----------|-----------|--------------------|
| 1 | 2.7 | 76.4 | 25.9 | 0.1 | | 100.3 |
| 2 | 3.9 | 73.2 | 7.1 | | 0.9 | 51.5 |
| 3 | 7.0 | 63.3 | 3.6 | 1.0 | 0.8 | 18.7 |
| 4 | 9.7 | 74.8 | 4.3 | 0.1 | | 1.1 |
| 5 | 12.6 | 76.0 | 6.6 | | | |
| 6 | 15.2 | 64.5 | 9 | | | |
| 7 | 21.2 | 46.1 | 12.4 | | | |
| 8 | 24.6 | 24.4 | 7.5 | | | |
| 9 | 27.0 | 18.5 | 24.9 | | | |
| 10 | 30.9 | 2.4 | 15.9 | 1.1 | 0.5 | |
| 11 | 35.1 | 71.1 | 41.1 | 0.5 | 0.5 | |
| 12 | 38.9 | 48.5 | 11.6 | | | |
| 13 | 43.5 | 85.9 | 27.1 | 0.1 | 1.2 | |
| 14 | 47.4 | 30.6 | 21.6 | | | |
| 15 | 50.2 | 17.9 | 16.3 | 1.9 | 0.5 | |
| 16 | 54.2 | 14.4 | 9.1 | 1.0 | 0.2 | |
| 17 | 57.0 | 6.5 | 3.6 | 3.0 | | |
| 18 | 59.6 | 0.2 | 0.1 | | | |
| 19 | 62.7 | 0.1 | 0 | | | |

Table E.3. Non-stone cultural materials from Square M25, Gordolya.

| Spit | Cumulative Depth (cm) | Charcoal (g) | Bone (g) | Ochre (g) | Shell (g) | Other Organics (g) |
|------|-----------------------|--------------|----------|-----------|-----------|--------------------|
| 1 | 2.5 | 83.3 | 12.3 | | | 83.7 |
| 2 | 3.8 | 49.0 | 2.7 | | | 59.9 |
| 3 | 6.1 | 131.2 | 5.2 | | 2.1 | 46.6 |
| 4 | 9.1 | 85.9 | 10.3 | 0.1 | 0.4 | 42.4 |
| 5 | 12.2 | 83.0 | 1.8 | | | |
| 6 | 16.3 | 149.0 | 3.7 | 1.5 | | |
| 7 | 19.3 | 52.0 | 5.3 | 2.3 | 4.2 | |
| 8 | 22.1 | 15.2 | 4.9 | | 0.5 | |
| 9 | 24.2 | 4.3 | 6.3 | | 0.1 | |
| 10 | 28.7 | 7.3 | 11.2 | | | |
| 11 | 32.8 | 12.6 | 12.5 | 9.9 | | |
| 12 | 35.9 | 8.2 | 8.6 | | | |
| 13 | 39.4 | 10.3 | 16.3 | | | |
| 14 | 43.0 | 12.7 | 18.2 | | | |
| 15 | 45.7 | 12.4 | 18.9 | 2.5 | 0.1 | |
| 16 | 50.3 | 7.1 | 13.3 | 6.2 | 0.1 | |
| 17 | 52.9 | 5.5 | 14.0 | | 0.1 | |
| 18 | 55.5 | 2.2 | 2.1 | 1.9 | | |
| 19 | 57.0 | 0.1 | 0.0 | | | |

Table E.4. Non-stone cultural materials from Square N24, Gordolya.

| Spit | Cumulative Depth cm | Charcoal (g) | Bone (g) | Ochre (g) | Shell (g) | Other Organics (g) |
|------|---------------------|--------------|----------|-----------|-----------|--------------------|
| 1 | 3.7 | 46.7 | 4.4 | 0.8 | | 36.4 |
| 2 | 4.5 | 11.1 | 0.8 | | | 6.2 |
| 3 | 7.9 | 25.1 | 2.7 | | | 6.2 |
| 4 | 9.7 | 16.2 | 0.2 | | | |
| 5 | 12.2 | 3.2 | | | | |
| 6 | 15.0 | 37.3 | 2.3 | 0.1 | 0.1 | |
| 7 | 18.8 | 8.0 | 0.8 | | | |
| 8 | 22.2 | 7.0 | 1.2 | | | |
| 9 | 24.8 | 17.0 | 4.9 | | | |
| 10 | 28.0 | 95.0 | 34.7 | | 2.0 | |
| 11 | 31.8 | 38.9 | 19.4 | | | |
| 12 | 34.4 | 15.3 | 3.8 | | | |
| 13 | 38.0 | 12.6 | 5.2 | 0.1 | | |
| 14 | 41.1 | 0.7 | 4.0 | 0.3 | 0.1 | |
| 15 | 43.8 | 6.6 | 5.4 | | 0.1 | |
| 16 | 47.6 | 0.3 | 2.1 | | | |
| 17 | 50.5 | 0.4 | 1.9 | 1.1 | | |
| 18 | 53.4 | 2.6 | 2.1 | | | |
| 19 | 56.3 | 0.7 | 0.2 | | | |
| 20 | 59.2 | 0.2 | 0.1 | | | |

Table E.5. Non-stone cultural materials from Square N25, Gordolya.

| Spit | Cumulative Depth (cm) | Charcoal (g) | Bone (g) | Ochre (g) | Shell (g) | Other Organics (g) |
|------|-----------------------|--------------|----------|-----------|-----------|--------------------|
| 1 | 1.5 | 102.3 | 7.6 | 2.1 | | 36.7 |
| 2 | 2.7 | 40.2 | 3.0 | 113.0 | 0.1 | 35.8 |
| 3 | 5.3 | 63.8 | 5.5 | | 0.6 | 137.9 |
| 4 | 8.2 | 33.8 | 2.3 | | 0.1 | 5.6 |
| 5 | 11 | 47.2 | 1.5 | 5.9 | | |
| 6 | 14 | 57.8 | 4.5 | 1.2 | 0.2 | |
| 7 | 18 | 43.4 | 18.7 | 0.2 | 3.0 | |
| 8 | 20 | 25.1 | 9.4 | | 0.5 | |
| 9 | 22 | 34.6 | 16.8 | | 2.5 | |
| 10 | 26 | 25.2 | 39.7 | | 1.4 | |
| 11 | 30 | 19.3 | 32.4 | | 0.1 | |
| 12 | 34 | 33.2 | 22.5 | | 3.6 | |
| 13 | 37 | 38.0 | 27.9 | | 0.3 | |
| 14 | 40 | 13.4 | 20.2 | 0.9 | | |
| 15 | 43 | 17.2 | 18.4 | 0.4 | | |
| 16 | 47 | 8.5 | 8.6 | 0.1 | | |
| 17 | 50 | 6.1 | 3.6 | 0.6 | | |
| 18 | 53 | 4.0 | 3.9 | 5.7 | | |
| 19 | 55 | 1.4 | 3.3 | | | |
| 20 | 60 | 2.9 | 7.9 | 0.2 | | |
| 21 | | 0.9 | 2.0 | | | |
| 22 | 65 | 0.3 | 0.2 | | | |
| 23 | 67 | 0.2 | | | | |

Table E.6. Stone artefact counts from Square M24, Gordolya.

| Spit | Cumulative Depth (cm) | Unifacial Points | Lancets | Leilira | Retouched Flakes | Redirecting Flakes |
|------|-----------------------|------------------|---------|---------|------------------|--------------------|
| 1 | 2.7 | | 2 | 1 | | |
| 2 | 3.9 | | 2 | | | |
| 3 | 7.0 | | 1 | | | 1 |
| 4 | 9.7 | 2 | 1 | | | |
| 5 | 12.6 | | 2 | | 1 | |
| 6 | 15.2 | | 1 | | 1 | |
| 7 | 21.2 | | | | | |
| 8 | 24.6 | | | | | |
| 9 | 27.0 | | | | | |
| 10 | 30.9 | | | | 2 | |
| 11 | 35.1 | | | | | |
| 12 | 38.9 | | | | 2 | 1 |
| 13 | 43.5 | | | | | |
| 14 | 47.4 | | | | | |
| 15 | 50.2 | | | | | |
| 16 | 54.2 | | | | | |
| 17 | 57.0 | | | | | |
| 18 | 59.6 | | | | | |

Table E.7. Stone artefact counts for Square M25, Gordolya.

| Spit | Cumulative Depth (cm) | Cores | Unifacial Points | Lancets | Retouched Flakes |
|------|-----------------------|-------|------------------|---------|------------------|
| 1 | 2.5 | | 1 | 1 | |
| 2 | 3.8 | | | | 1 |
| 3 | 6.1 | | 1 | 1 | |
| 4 | 9.1 | | | | |
| 5 | 12.2 | | | | |
| 6 | 16.3 | | | 2 | |
| 7 | 19.3 | | | | |
| 8 | 22.1 | | | | |
| 9 | 24.2 | | | | |
| 10 | 28.7 | | | | |
| 11 | 32.8 | | | | |
| 12 | 35.9 | | | 1 | |
| 13 | 39.4 | 1 | | | |
| 14 | 43.0 | | | | |
| 15 | 45.7 | | | | 1 |
| 16 | 50.3 | | | | |

Table E.8. Stone artefact counts for Square N24, Gordolya.

| Spit | Depth cm | Bifacial Points | Unifacial Points | Lancets | Leifra | Retouched Flakes | Redirecting Flakes |
|------|----------|-----------------|------------------|---------|--------|------------------|--------------------|
| 1 | 3.7 | | | 1 | | | |
| 2 | 4.5 | | | 1 | | | |
| 3 | 7.9 | | 1 | 2 | | | |
| 4 | 9.7 | | | | | | |
| 5 | 12.2 | | | | | | |
| 6 | 15.0 | | | | | | |
| 7 | 18.8 | | | | | | |
| 8 | 22.2 | | | | | | |
| 9 | 24.8 | | | 1 | | | |
| 10 | 28.0 | | | 5 | 4 | | |
| 11 | 31.8 | | 3 | | | | |
| 12 | 34.4 | | | 1 | | 1 | |
| 13 | 38.0 | 2 | 1 | | | | |
| 14 | 41.1 | 1 | | | | | 1 |
| 15 | 43.8 | | | | | | |
| 16 | 47.6 | | | | | | |
| 17 | 50.5 | | | | | | |
| 18 | 53.4 | | | | | | |
| 19 | 56.3 | | | | | | |
| 20 | 59.2 | | | | | | |

Table E.9. Stone artefact counts for Square N25, Gordolya.

| Spit | Depth | Hammerstone | Cores | Bifacial Points | Unifacial Points | Lancets | Leilira | Tula | Retouched Flakes | Redirecting Flakes | Bipolar Core |
|------|-------|-------------|-------|-----------------|------------------|---------|---------|------|------------------|--------------------|--------------|
| 1 | 1.5 | 1 | | | | 1 | | | | | |
| 2 | 2.7 | | | | | 1 | | | | | |
| 3 | 5.3 | | | | | 2 | | | | | |
| 4 | 8.2 | | | | | | | | | | |
| 5 | 11 | | | | | | | | | | |
| 6 | 14 | | | | | 1 | 1 | | | | |
| 7 | 18 | | | | 1 | 2 | | | | | |
| 8 | 20 | | | | | | | 1 | 1 | | |
| 9 | 22 | | | | 2 | 1 | | | | | |
| 10 | 26 | | | | 3 | | | | | | |
| 11 | 30 | | | | 1 | 2 | | 1 | | | 1 |
| 12 | 34 | | | | 2 | 1 | | | | | 1 |
| 13 | 37 | | | | 1 | 3 | | | | | |
| 14 | 40 | | | | | 2 | | | | | 1 |
| 15 | 43 | | | 2 | | 1 | | | | | |
| 16 | 47 | | 1 | | | | | | | | |
| 17 | 50 | | | | | | | | | | |
| 18 | 53 | | | | | | | | | | |
| 19 | 55 | | | | | | | | | 1 | |
| 20 | 60 | | | | | | | | | | |
| 21 | 62 | | | | | | | | 1 | | |
| 22 | 65 | | | | | | | | | | |
| 23 | 67 | | | | | | | | | | |

Table E.10. Raw material counts for Square M24, Gordolya.

| Spit | Depth cm | Unprovenanced Chert | Local Hydrothermal Chert | Hydrothermal Chalcedony | Antrim Plateau Quartzite | Red Banyan Chert | Jasper Gorge Quartzite | Basalt | Silcrete | Black Chert | Stone Artefacts (#) | Stone Artefacts (g) |
|------|----------|---------------------|--------------------------|-------------------------|--------------------------|------------------|------------------------|--------|----------|-------------|---------------------|---------------------|
| 1 | 2.7 | | | | 8 | 1 | | | | | 9 | 69.3 |
| 2 | 3.9 | | | 2 | 16 | | 2 | | | | 20 | 21.7 |
| 3 | 7.0 | 1 | | 1 | 8 | 2 | | | | | 12 | 21.2 |
| 4 | 9.7 | | | 1 | 5 | | | | | | 6 | 49.8 |
| 5 | 12.6 | | | | 7 | 1 | | 1 | | | 9 | 34.6 |
| 6 | 15.2 | | | | 1 | 1 | | | | | 2 | 13.7 |
| 7 | 21.2 | | 1 | 3 | 9 | 2 | | | | | 15 | 10.0 |
| 8 | 24.6 | | 1 | 2 | 11 | | | 2 | | | 16 | 10.2 |
| 9 | 27.0 | 1 | 4 | 4 | 19 | | | | | | 28 | 37.6 |
| 10 | 30.9 | 1 | 2 | 7 | 27 | | 1 | | | | 38 | 57.7 |
| 11 | 35.1 | | 5 | 15 | 69 | 5 | 3 | | | | 97 | 31.8 |
| 12 | 38.9 | | 1 | 12 | 44 | | 1 | | 1 | | 59 | 43.5 |
| 13 | 43.5 | 3 | 10 | 20 | 106 | 2 | 7 | 2 | | | 150 | 71.4 |
| 14 | 47.4 | | 5 | 21 | 88 | 5 | 1 | | | | 120 | 73.5 |
| 15 | 50.2 | | 10 | 11 | 60 | 8 | 5 | | | 1 | 95 | 32.2 |
| 16 | 54.2 | 2 | 4 | 5 | 34 | 5 | 2 | | | | 52 | 10.0 |
| 17 | 57.0 | | 1 | 1 | 21 | | 3 | | | | 26 | 1.1 |
| 18 | 59.6 | 1 | | | 2 | | | | | | 3 | 0.4 |

Table E.11. Raw material counts for Square M25, Gordolya.

| Spit | Depth cm | Glass | Montejinni Chalcedony | Local Hydrothermal Chert | Hydrothermal Chalcedony | Antrim Plateau Quartzite | Red Banyan Chert | Jasper Gorge Quartzite | Basalt | Black Chert | Stone Artefacts (#) | Stone Artefacts (g) |
|------|----------|-------|-----------------------|--------------------------|-------------------------|--------------------------|------------------|------------------------|--------|-------------|---------------------|---------------------|
| 1 | 2.5 | | | | | 4 | 1 | | | | 5 | 64.7 |
| 2 | 3.8 | | | | | 8 | | | | | 8 | 318.4 |
| 3 | 6.1 | | 1 | | 1 | 8 | 1 | 3 | 1 | 1 | 16 | 33.5 |
| 4 | 9.1 | 1 | | | 1 | 7 | | | | | 8 | 2.8 |
| 5 | 12.2 | | | 2 | 1 | 20 | | 6 | 1 | | 30 | 1.1 |
| 6 | 16.3 | | | | 2 | 13 | | 1 | | | 16 | 5.3 |
| 7 | 19.3 | | | | 6 | 14 | | 1 | | | 21 | 38.4 |
| 8 | 22.1 | | | | 2 | 4 | | | 1 | | 7 | 2.8 |
| 9 | 24.2 | | | | 2 | 12 | 1 | 2 | | | 18 | 7.9 |
| 10 | 28.7 | | | 2 | 17 | 55 | 8 | 2 | | | 84 | 8.1 |
| 11 | 32.8 | | | 2 | 4 | 48 | 3 | 4 | 1 | 1 | 63 | 7.8 |
| 12 | 35.9 | | | 1 | 5 | 34 | 3 | | | | 43 | 35.0 |
| 13 | 39.4 | | | 1 | 6 | 49 | 7 | | | | 63 | 17.5 |
| 14 | 43.0 | | | 2 | 6 | 73 | 9 | 1 | | | 91 | 65.5 |
| 15 | 45.7 | | | 10 | 11 | 68 | 3 | 1 | | | 93 | 48.2 |
| 16 | 50.3 | | | 4 | 2 | 37 | 2 | | | | 45 | 37.2 |
| 17 | 52.9 | | | | | | | | | | 0 | 21.1 |
| 18 | 55.5 | | | | | | | | | | 0 | 0.0 |
| 19 | 57.0 | | | | | | | | | | 0 | 0.0 |

Table E.12. Raw material counts for Square N25, Gordolya.

| Spit | Depth cm | Unprovenanced Chert | Montejinni Chalcedony | Local Hydrothermal Chert | Glass | Hydrothermal Chalcedony | Antrim Plateau Quartzite | Red Banyan Chert | Jasper Gorge Quartzite | Basalt | Silcrete | Stone Artefacts (#) | Stone Artefacts (g) |
|------|----------|---------------------|-----------------------|--------------------------|-------|-------------------------|--------------------------|------------------|------------------------|--------|----------|---------------------|---------------------|
| 1 | 3.7 | | | | | 1 | 2 | | | | | 3 | 19.4 |
| 2 | 4.5 | | | | | | 9 | | | | | 9 | 4.4 |
| 3 | 7.9 | | | | 1 | 1 | 26 | 1 | | | | 29 | 14.1 |
| 4 | 9.7 | 1 | | | | | 7 | | 1 | | | 9 | 0.3 |
| 5 | 12.2 | | | | | 1 | 13 | | 1 | | | 15 | 0.0 |
| 6 | 15.0 | | | | 1 | 3 | 18 | 1 | 3 | | | 26 | 2.1 |
| 7 | 18.8 | | | | | 1 | 17 | 1 | 2 | | | 26 | 1.1 |
| 8 | 22.2 | 1 | | | | 1 | 12 | | 1 | 1 | | 21 | 6.2 |
| 9 | 24.8 | | | | | | 17 | 1 | 4 | | 1 | 16 | 93.4 |
| 10 | 28.0 | | | 5 | | 18 | 149 | 2 | 6 | 1 | | 181 | 77.1 |
| 11 | 31.8 | 2 | | 3 | | 14 | 109 | 1 | 3 | 2 | 1 | 135 | 22.8 |
| 12 | 34.4 | 2 | | 2 | | 6 | 23 | | 3 | | | 36 | 2.8 |
| 13 | 38.0 | | | 5 | | 5 | 75 | 3 | 1 | | 1 | 90 | 8.7 |
| 14 | 41.1 | | | 8 | | 11 | 89 | 8 | 1 | | | 117 | 5.8 |
| 15 | 43.8 | | | 12 | | 9 | 52 | 3 | 2 | 1 | | 79 | 8.5 |
| 16 | 47.6 | 2 | 1 | 5 | | 2 | 33 | | 3 | 1 | | 47 | 2.9 |
| 17 | 50.5 | | | 3 | | 9 | 13 | | | | | 25 | 2.0 |
| 18 | 53.4 | | | | | | | | | | | 19 | 4.2 |
| 19 | 56.3 | | | | | | | | | | | 12 | 120.0 |
| 20 | 59.2 | | | | | | | | | | | 2 | 0.2 |

Table E.13. Raw material counts for Square N25, Gordolya.

| Spit | Depth | Unprovenanced Chert | Glass | Local Hydrothermal Chert | Hydrothermal Chaledony | Antrim Plateau Quartzite | Red Banyan Chert | Jasper Gorge Quartzite | Basalt | Silcrete | Quartz | Stone Artefacts (#) | Stone Artefacts (g) |
|------|-------|---------------------|-------|--------------------------|------------------------|--------------------------|------------------|------------------------|--------|----------|--------|---------------------|---------------------|
| 1 | 1.5 | | | | 2 | 11 | | | | | | 13 | 88.9 |
| 2 | 2.7 | | | | 1 | 7 | 1 | | | | | 9 | 7.4 |
| 3 | 5.3 | | | | | 5 | | 2 | | | | 7 | 7.9 |
| 4 | 8.2 | | 1 | | | 14 | | | | | | 15 | 4.3 |
| 5 | 11 | | | | | 8 | 1 | | | | | 9 | 1.1 |
| 6 | 14 | | | 4 | 3 | 50 | 2 | 1 | 1 | | | 61 | 84.0 |
| 7 | 18 | 1 | | | 5 | 51 | 1 | 1 | | | | 59 | 60.1 |
| 8 | 20 | 2 | | | 6 | 23 | 1 | | | | | 32 | 49.3 |
| 9 | 22 | | | | 3 | 24 | | 1 | | | | 28 | 22.1 |
| 10 | 26 | 1 | | | 8 | 24 | | 3 | | | | 36 | 74.2 |
| 11 | 30 | 1 | | | 11 | 27 | 3 | 7 | | | 1 | 50 | 74.5 |
| 12 | 34 | | | | 10 | 29 | 2 | 3 | | | | 44 | 36.7 |
| 13 | 37 | | | | 10 | 48 | 1 | | | | | 59 | 60.4 |
| 14 | 40 | | | 2 | 7 | 68 | 3 | 1 | | | | 81 | 33.3 |
| 15 | 43 | | | 1 | 15 | 168 | 11 | 1 | | | | 196 | 19.4 |
| 16 | 47 | | | 2 | 5 | 103 | 3 | | | 4 | | 117 | 47.7 |
| 17 | 50 | | | 3 | 9 | 67 | 4 | 2 | | | | 85 | 7.7 |
| 18 | 53 | 1 | | 2 | 3 | 42 | 2 | | | | | 50 | 16.0 |
| 19 | 55 | 7 | | 1 | 8 | 35 | 2 | | | | | 53 | 16.9 |
| 20 | 60 | 4 | | 5 | 2 | 52 | 3 | | | | | 66 | 12.3 |
| 21 | 65 | 1 | | 1 | 2 | 10 | | | | | | 14 | 6.5 |