

Supplement of E&G Quaternary Sci. J., 73, 95–99, 2024  
<https://doi.org/10.5194/egqsj-73-95-2024-supplement>  
© Author(s) 2024. CC BY 4.0 License.



Open Access  
**E&G** Quaternary  
Science  
Journal

*Supplement of*

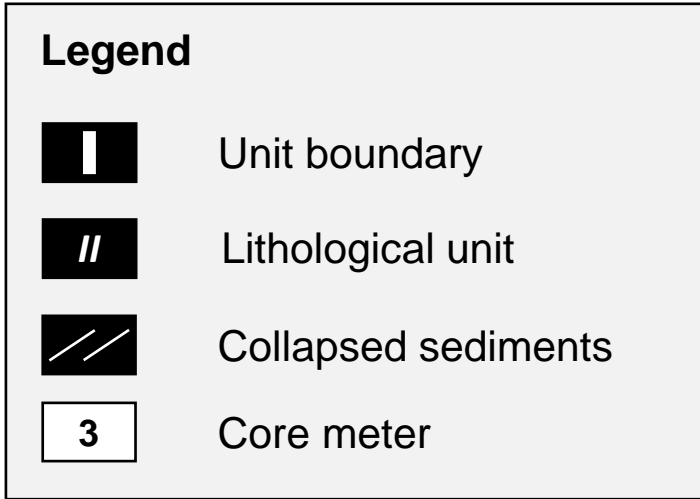
## **Lost and potentially found: the location of the “Temple of Hermes” at ancient Bubastis in the Nile Delta**

**Philipp Garbe et al.**

*Correspondence to:* Philipp Garbe ([philipp.garbe@uni-wuerzburg.de](mailto:philipp.garbe@uni-wuerzburg.de)) and Amr Abd El-Raouf ([ammohammed@science.zu.edu.eg](mailto:ammohammed@science.zu.edu.eg))

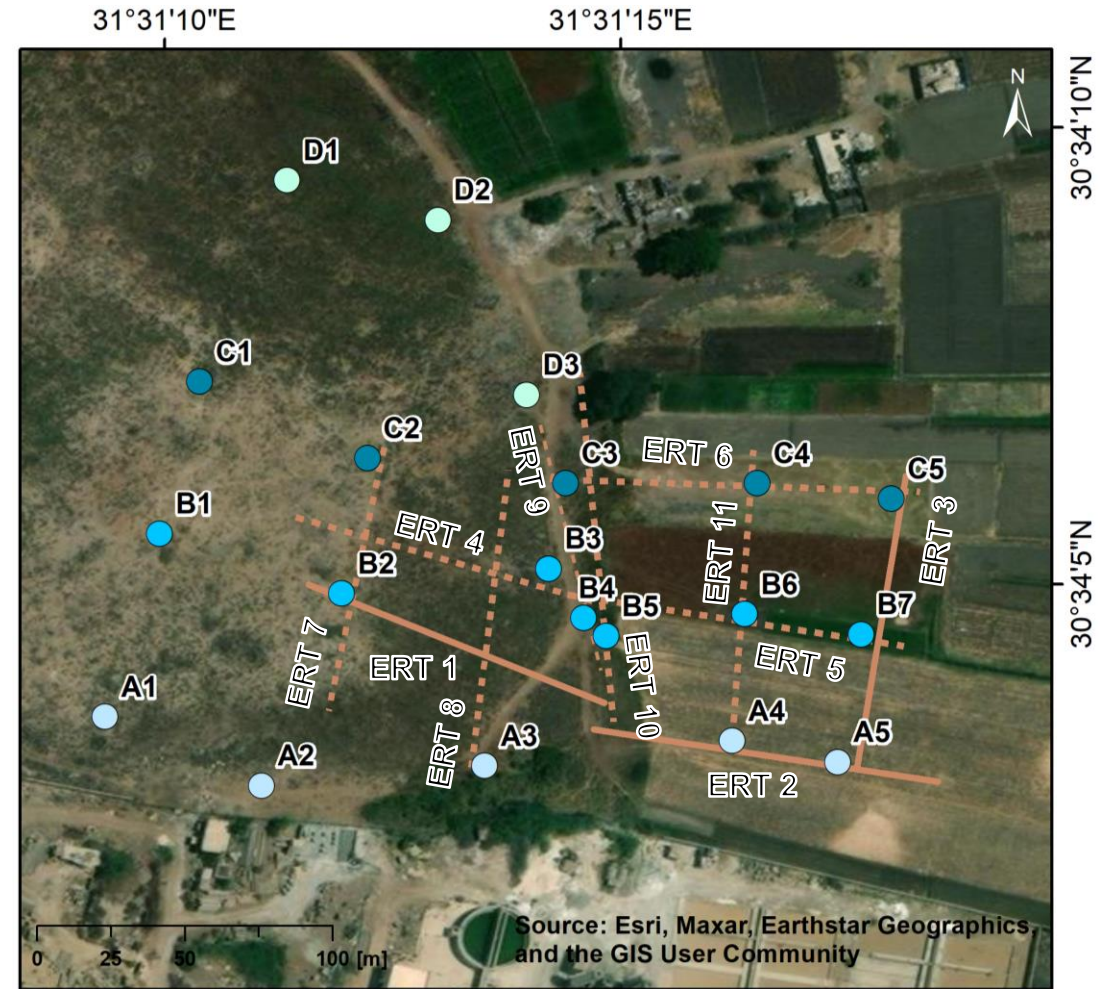
The copyright of individual parts of the supplement might differ from the article licence.

# Supplementary Material S1



**Figure S1.** Legend for drilling photographs.

**Figure S2.** Overview of drilling locations and ERT profiles (only the solid ERT lines are used for the interpretation and discussion in the article).

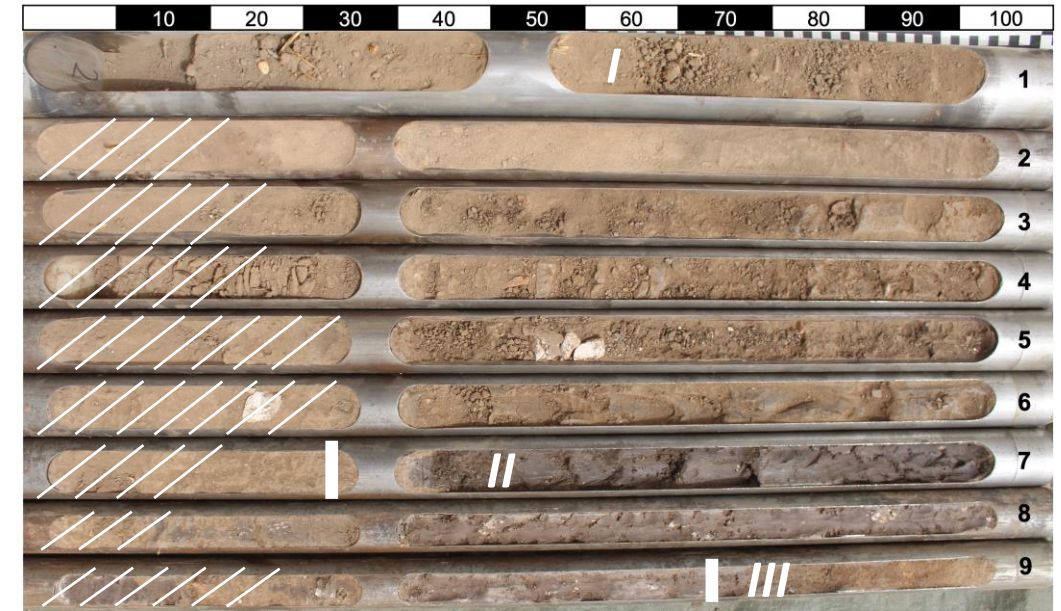


**ERT**



**Table S1.** General information of core A1.

<b>Profile number:</b>	<b>A1</b>
Date:	13.03.2023
Processors:	Philipp Garbe, Julia Meister
Total length [m]:	9.00
Height asl [m]:	6.779
Coordinates [UTM]:	0357996 3382626
Location:	Eastern Tell



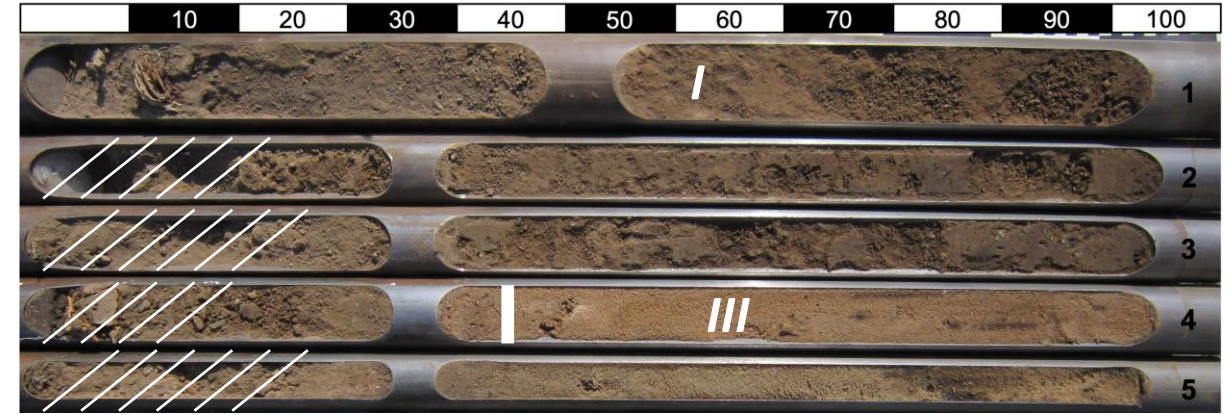
**Figure S3.** Core stratigraphy of A1 (see Figure S1 for legend).

**Table S2.** Detailed description of core A1.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5= wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	120	I	I	0	10YR 4/3	Uls	loamy sandy silt	x	root remains, little artefacts to gravel, slightly compacted
120	170	II	I	0	10YR 5/3	Us	sandy silt	x	slightly compacted, very little artefacts to gravel
170	230	III	I	0	10YR 4/4	Ut2	slightly clayey silt	x	moderate compacted, artefacts to gravel
230	620	IV	I	1	10YR 3/3	Lu	silty loam	x	heavily compacted, many artefacts to gravel (440cm, 500cm, 510cm) --> less to basis, limestone fragments, charcoal
620	860	V	II	1	10YR 3/2	Lt3	clayey loam	-	very heavily compacted, limestone fragments, charcoal, "Bilquas-Sediment"
860	900	VI	III	3	10YR 6/4	Ss(mSgS)	medium and coarse sand	-	no artefacts

**Table S3.** General information of core A2.

<b>Profile number:</b>	<b>A2</b>
Date:	30.09.2023
Processors:	Philipp Garbe, Erik Lindner
Total length [m]:	5.00
Height asl [m]:	5.843
Coordinates [UTM]:	0358042 3382597
Location:	Eastern Tell



**Figure S4.** Core stratigraphy of A2 (see Figure S1 for legend).

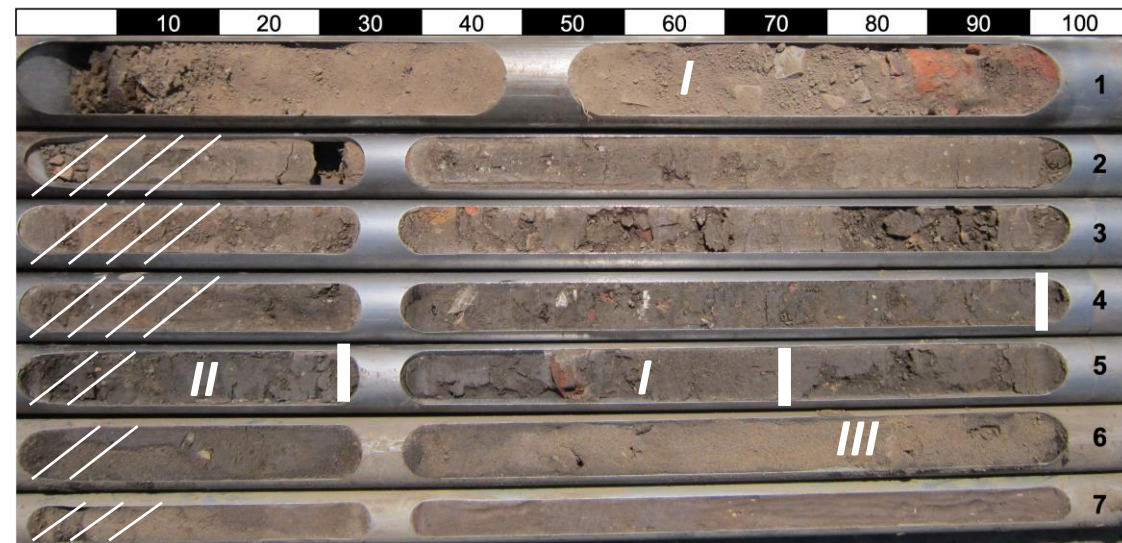
**Table S4.** Detailed description of core A2.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5= wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	140	I	I	0	2,5y 5/4	Uu	silty silt	x	slightly compacted, plant remains, little artefacts to gravel
140	210	II	I	1	2,5y 3/2	Su4	strongly silty sand	-	heavily compacted, no artefacts
210	330	III	I	1	10YR 3/4	Slu	loamy silty sand	-	heavily compacted, sand lens at 245cm, moderate limestone to gravel
330	500	IV	III	2 - 3	10YR 5/6	Ss (mSgSfS)	medium, coarse and fine sand	-	moderate compacted, Gezira, many gravels, no artefacts, clayey layers, organic



**Table S5.** General information of core A3.

<b>Profile number:</b>	<b>A3</b>
Date:	15.03.2023
Processors:	Philipp Garbe, Julia Meister
Total length [m]:	7.00
Height asl [m]:	4.884
Coordinates [UTM]:	0358111 3382614
Location:	Eastern Tell



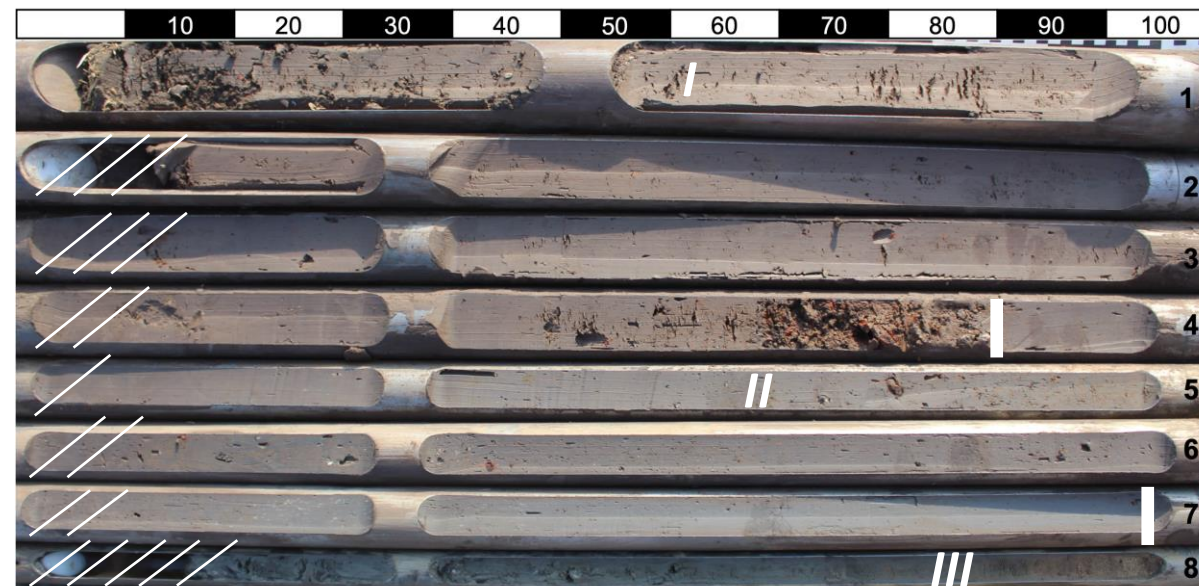
**Figure S5.** Core stratigraphy of A3 (see Figure S1 for legend).

**Table S6.** Detailed description of core A3.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5 = wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	95	I	I	0 - 1	10YR 4/3	Us	sandy silt	x	root remains, slightly compacted, many artefacts to gravel (brick? 80-90cm)
95	240	II	I	0	10YR 3/3	Slu	loamy silty sand	x	heavily compacted, moderate artefacts to gravel, limestone fragments
240	390	III	I	1	10YR 4/2	Ut2	slightly clayey silt	x	heavily compacted, moderate artefacts to gravel, limestone to gravel, charcoal, oxidation features (Iron-II)
390	420	IV	II	3	10YR 3/1	Tu2	slightly silty clay	x	slightly compacted, artefact fragments, limestone to gravel
420	460	V	I	2 - 3	10YR 3/1	Lt2	slightly clayey loam	x	heavily compacted, charcoal, big artefact at 450cm
460	480	VI	III	4	10YR 4/2	Ss(mSgSfS)	medium, coarse and fine sand	x	moderate compacted, artefacts to gravel, clayey layers
480	505	VII	III	3	10YR 4/2	Ts2 - Ss(fS)	slightly sandy clay - fine sand	-	moderate compacted, no artefacts, Geziraclay
505	590	VIII	III	5	10YR 4/3	Ss(gSmS)	coarse and medium sand	-	moderate compacted, no artefacts, limestone to gravel, clayey layers (520-530cm)
590	700	IX	III	3	10YR 3/3	(Lt3)	clayey loam	-	no artefacts, heavily compacted

**Table S7.** General information of core A4.

<b>Profile number:</b>	<b>A4</b>
Date:	08.10.2023
Processors:	Philipp Garbe, Erik Lindner
Total length [m]:	8.00
Height asl [m]:	4.902
Coordinates [UTM]:	0358221 3382644
Location:	East of the Tell



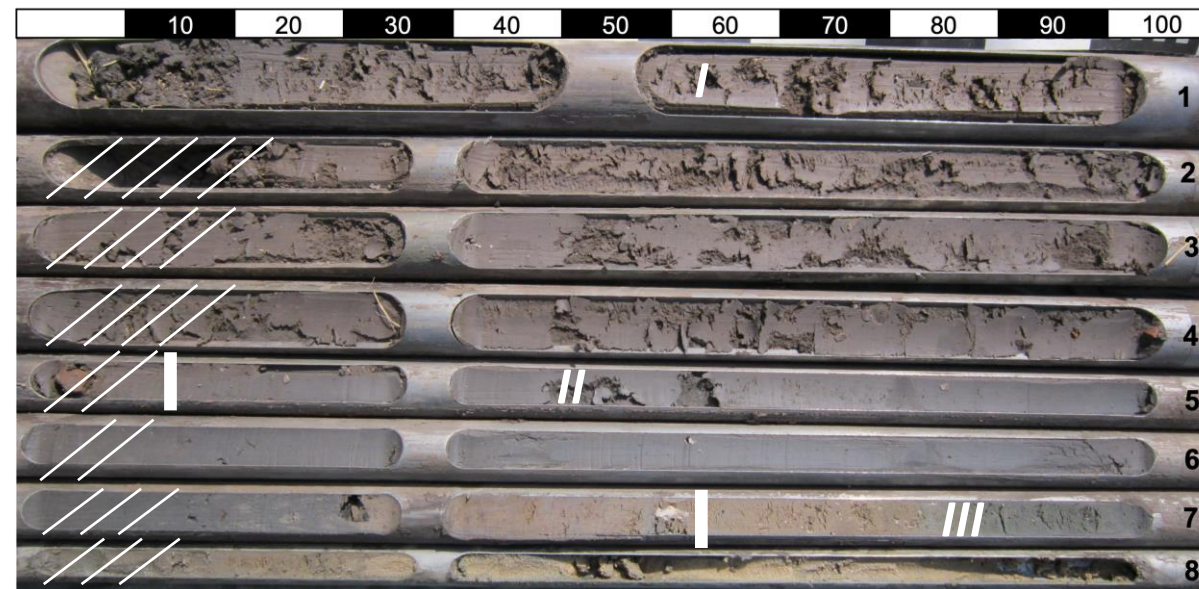
**Figure S6.** Core stratigraphy of A4 (see Figure S1 for legend).

**Table S8.** Detailed description of core A4.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5= wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	350	I	I	2	10YR 3/2	Tu2	slightly silty clay	x	moderate compacted, plant remains, little artefacts to gravel
350	380	II	I	2	10YR 4/4	Ls4	strongly sandy loam	x	heavily compacted, many artefacts to gravel, little limestone to gravel
380	700	III	II	3 - 4	10YR 2/1	Tl	loamy clay	x	heavily compacted, very little artefacts to gravel, moderate limestone to gravel
700	780	IV	III	4 - 5	10YR 3/1	Ts2	slightly sandy clay	-	heavily compacted, no artefacts, little limestone to gravel
780	800	V	III	5	10YR 5/4	Ss (mSgSfS)	medium, coarse and fine sand	-	moderate compacted, no artefacts, clayey lenses

**Table S9.** General information of core A5.

<b>Profile number:</b>	<b>A5</b>
Date:	08.10.2023
Processors:	Philipp Garbe, Erik Lindner
Total length [m]:	8.00
Height asl [m]:	4.939
Coordinates [UTM]:	0358213 3382606
Location:	East of the Tell



**Figure S7.** Core stratigraphy of A5 (see Figure S1 for legend).

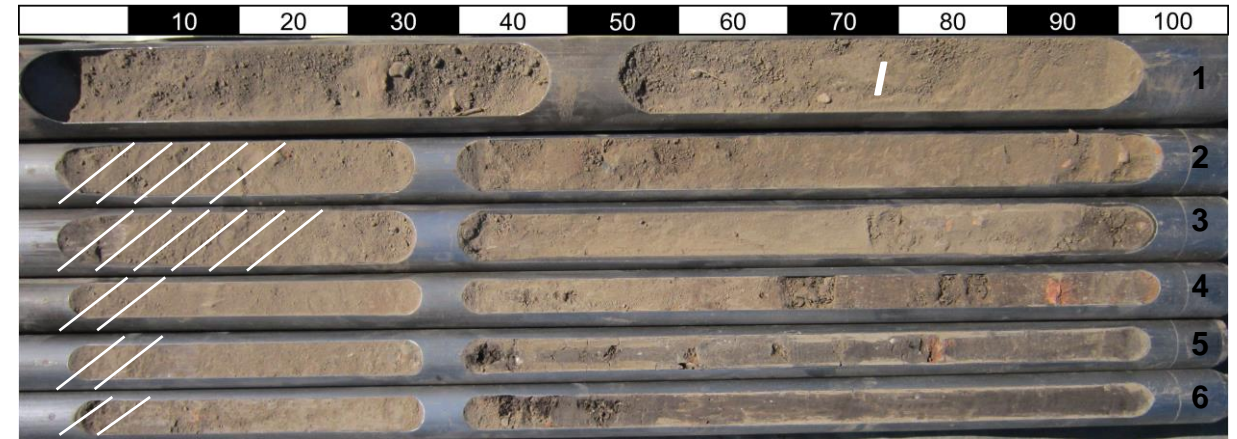
**Table S10.** Detailed description of core A5.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5= wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	410	I	I	2	10YR 3/2	Tu3	silty clay	x	slightly compacted, plant remains, little artefacts to gravel, many artefacts at basis
410	650	II	II	3	10YR 3/1	Tl	loamy clay	x	heavily compacted, very little artefacts to gravel, little limestone to gravel
650	730	III	III	3	10YR 3/1	Ts3	sandy clay	-	heavily compacted, no artefacts
730	800	IV	III	5	10YR 6/4	Ss (mSgSfS)	medium, coarse and fine sand	-	moderate compacted, no artefacts, gravel



**Table S11.** General information of core B1.

<b>Profile number:</b>	<b>B1</b>
Date:	02.04.2023
Processors:	Philipp Garbe, Martin Behl
Total length [m]:	6.00
Height asl [m]:	6.866
Coordinates [UTM]:	0358009 3382684
Location:	Eastern Tell



**Figure S8.** Core stratigraphy of B1 (see Figure S1 for legend).

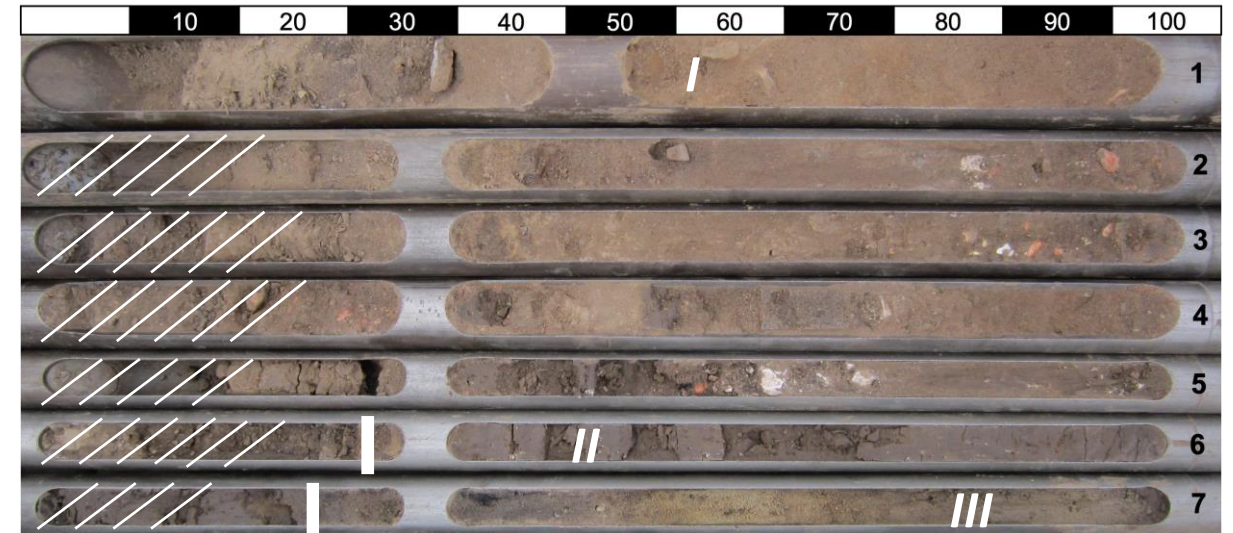
**Table S12.** Detailed description of core B1.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5= wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	250	I	I	0	10YR 4/4	Us	sandy silt	x	root remains, slightly compacted, many artefacts to gravel
250	430	II	I	0	10YR 4/3	Slu	loamy silty sand	x	very heavily compacted, many artefacts to gravel
430	520	III	I	0 - 1	10YR 3/2	Ut2	slightly clayey silt	x	heavily compacted, moderate artefacts to gravel, limestone fragments, charcoal at 490cm
520	600	IV	I	1	10YR 3/2	Lt2	slightly clayey loam	x	heavily compacted, little artefact fragments, limestone fragments, no drilling process



**Table S13.** General information of core B2.

<b>Profile number:</b>	<b>B2</b>
Date:	02.10.2023
Processors:	Philipp Garbe, Erik Lindner
Total length [m]:	7.00
Height asl [m]:	6.552
Coordinates [UTM]:	0358069 3382667
Location:	Eastern Tell



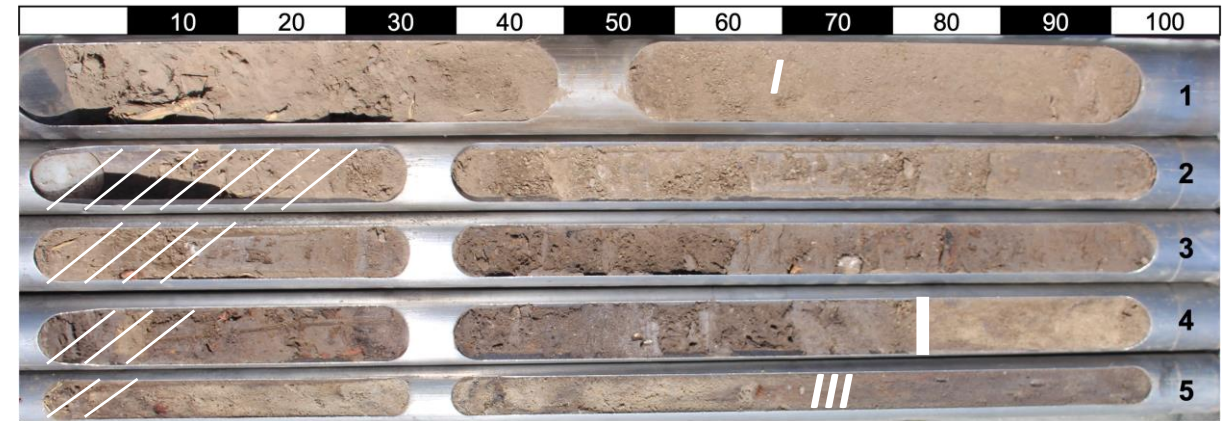
**Figure S9.** Core stratigraphy of B2 (see Figure S1 for legend).

**Table S14.** Detailed description of core B2.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5= wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	250	I	I	0	2,5y 4/3	Ut2	slightly clayey silt	x	slightly compacted, plant remains, many artefacts to gravel
250	430	II	I	1	7,5YR 3/3	Lu	silty loam	x	heavily compacted, many artefacts to gravel, little limestone to gravel
430	510	III	I	2	10YR 3/3	Lt3	clayey loam	x	heavily compacted, many limestone to gravel, moderate artefacts to gravel
510	620	IV	II	3	10YR 3/1	Tu3	silty clay	-	heavily compacted, limestone fragments, no artefacts
620	650	V	III	3 - 4	10YR 5/2	St3	clayey sand	x	heavily compacted, moderate artefacts to gravel
650	700	VI	III	5	10YR 5/2	Ss (mSgSfS)	medium, coarse and fine sand	-	moderate compacted, no artefacts, gravel, clayey at 690cm

**Table S15.** General information of core B3.

<b>Profile number:</b>	<b>B3</b>
Date:	02.04.2023
Processors:	Philipp Garbe, Martin Behl
Total length [m]:	5.00
Height asl [m]:	5.244
Coordinates [UTM]:	0358133 3382677
Location:	Eastern Tell



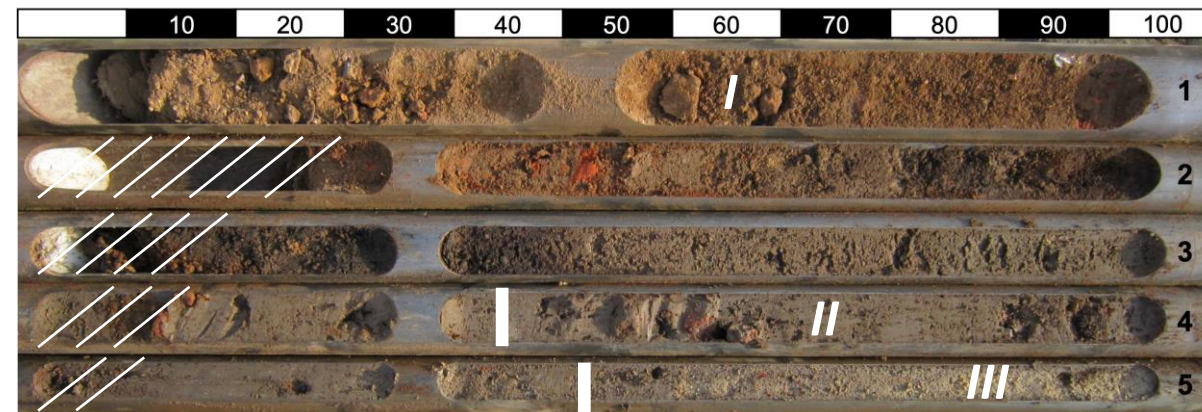
**Figure S10.** Core stratigraphy of B3 (see Figure S1 for legend).

**Table S16.** Detailed description of core B3.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5 = wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	170	I	I	0	10YR 4/3	Us	sandy silt	x	root remains, slightly compacted, moderate artefacts to gravel
170	220	II	I	0	10YR 4/3	Slu	loamy silty sand	x	heavily compacted, moderate artefacts to gravel
220	260	III	I	1	10YR 4/3	Lt2	slightly clayey loam	x	heavily compacted, many artefacts to gravel, limestone to gravel
260	370	IV	I	1	10YR 3/2	Ls4	strongly sandy loam	x	heavily compacted, many artefacts to gravel, limestone to gravel
370	500	V	III	1 - 2	2,5y 5/4	Ss(mSgSfs)	medium, coarse and fine sand	x	heavily compacted, little artefacts to gravel, clayey lenses

**Table S17.** General information of core B4.

<b>Profile number:</b>	<b>B4</b>
Date:	30.09.2023
Processors:	Philipp Garbe, Erik Lindner
Total length [m]:	5.00
Height asl [m]:	5.222
Coordinates [UTM]:	0358136 3382651
Location:	Eastern Tell



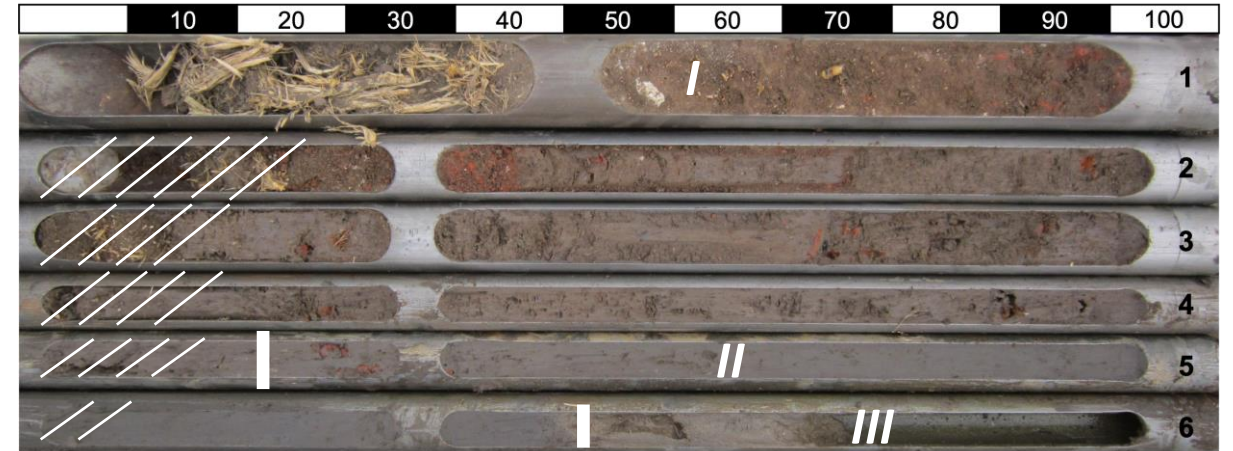
**Figure S11.** Core stratigraphy of B4 (see Figure S1 for legend).

**Table S18.** Detailed description of core B4.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5= wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	110	I	I	0 - 1	10YR 3/6	Uu	silty silt	x	slightly compacted, plant remains, many artefacts to stone
110	180	II	I	1	10YR 3/3	Ut3	clayey silt	x	heavily compacted, plant remains, many artefacts to gravel
180	240	III	I	2	10YR 2/1	Ls3	sandy loam	x	heavily compacted, little artefacts to gravel
240	330	IV	I	3	10YR 3/3	Lt3	clayey loam	x	heavily compacted, little artefacts to gravel
330	430	V	II	3	10YR 3/1	Tl	loamy clay	x	heavily compacted, many artefacts to gravel, sand lens between 400-410cm
430	500	VI	III	4	2,5y 8/4	Ss (mSgSfS)	medium, coarse and fine sand	-	moderate compacted, no artefacts, clayey layers

**Table S19.** General information of core B5.

<b>Profile number:</b>	<b>B5</b>
Date:	27.09.2023
Processors:	Philipp Garbe, Julia Meister
Total length [m]:	6.00
Height asl [m]:	5.220
Coordinates [UTM]:	0358144 3382644
Location:	Eastern Tell



**Figure S12.** Core stratigraphy of B5 (see Figure S1 for legend).

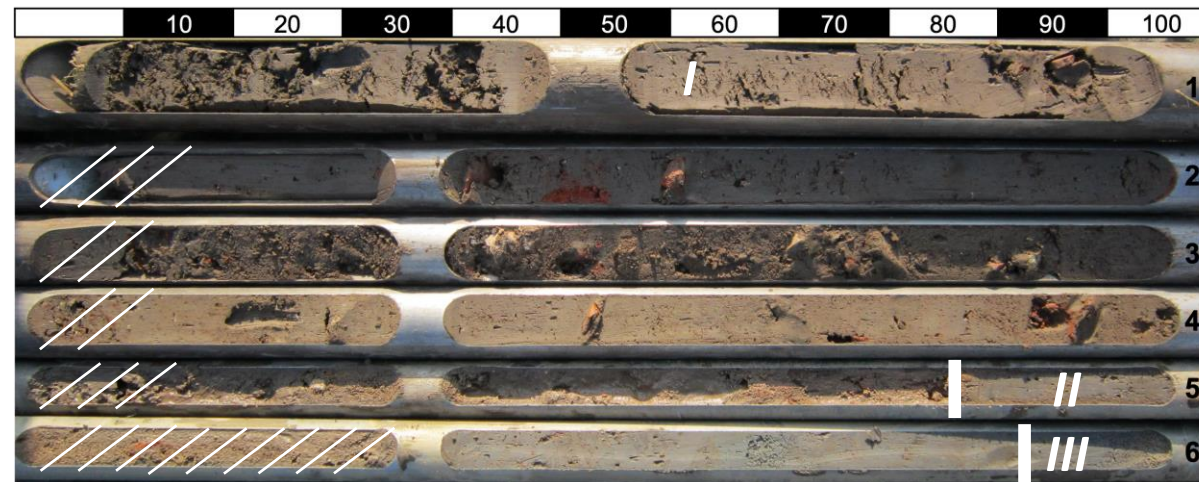
**Table S20.** Detailed description of core B5.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5= wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	140	I	I	1	10YR 3/6	Su4	strongly silty sand	x	moderate compacted, many artefacts to gravel, many plant remains, moderate limestone to gravel
140	220	II	I	1 - 2	10YR 4/2	Slu	loamy silty sand	x	heavily compacted, moderate artefacts to gravel, little limestone fragments
220	280	III	I	2	10YR 3/2	Lts	clayey sandy loam	x	heavily compacted, moderate artefacts to gravel
280	410	IV	I	2	10YR 3/2	Lt3	clayey loam	x	heavily compacted, little artefacts to gravel
410	540	V	II	3	10YR 3/1	Tu3	silty clay	x	heavily compacted, little artefacts to gravel
540	600	VI	III	4 - 5	2,5y 5/2	Ss (mSgSfS)	medium, coarse and fine sand	-	moderate compacted, no artefacts, clayey layers



**Table S21.** General information of core B6.

<b>Profile number:</b>	<b>B6</b>
Date:	07.10.2023
Processors:	Philipp Garbe, Erik Lindner
Total length [m]:	6.00
Height asl [m]:	4.888
Coordinates [UTM]:	0358185 3382655
Location:	East of the Tell



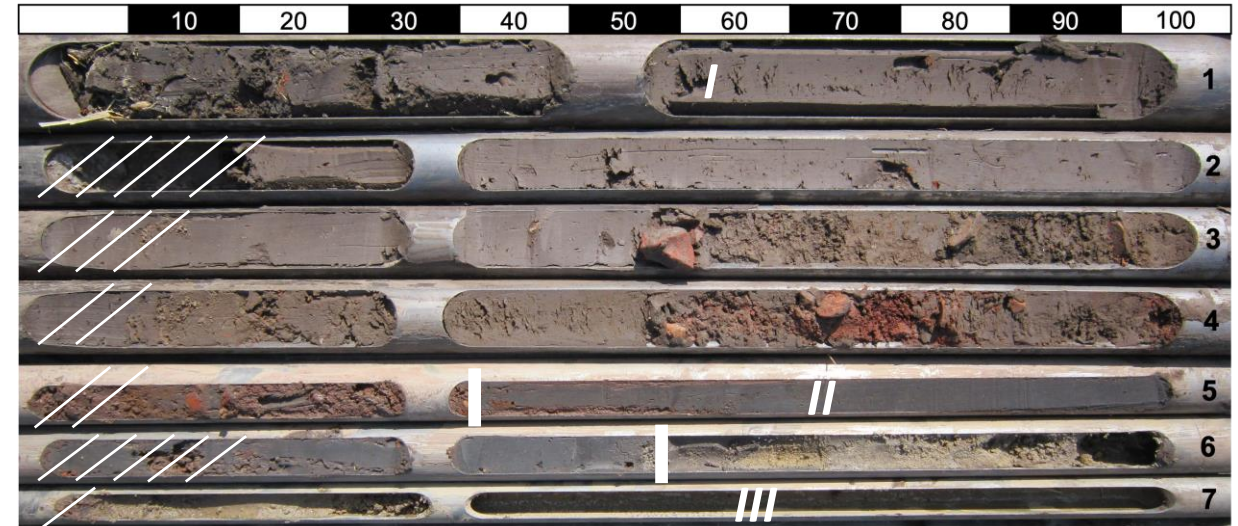
**Figure S13.** Core stratigraphy of B6 (see Figure S1 for legend).

**Table S22.** Detailed description of core B6.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5= wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	200	I	I	2	2,5y 3/1	Tu3	silty clay	x	slightly compacted, plant remains, moderate artefacts to gravel
200	290	II	I	3	2,5y 4/1	Ls4	strongly sandy loam	x	heavily compacted, many artefacts to gravel, moderate limestone to gravel
290	410	III	I	3	2,5y 3/1	Tl	loamy clay	x	heavily compacted, moderate artefacts to gravel
410	470	IV	I	4	2,5y 3/2	St2	slightly clayey sand	x	moderate compacted, little artefacts to gravel
470	580	V	II	4	2,5y 3/1	Tl	loamy clay	-	heavily compacted, no artefacts, sand lens at 550cm
580	600	VI	III	4	2,5y 3/2	Ss (mSgSfS)	medium, coarse and fine sand	-	moderate compacted, no artefacts, clayey lenses

**Table S23.** General information of core B7.

<b>Profile number:</b>	<b>B7</b>
Date:	07.10.2023
Processors:	Philipp Garbe, Erik Lindner
Total length [m]:	7.00
Height asl [m]:	4.919
Coordinates [UTM]:	0358184 3382612
Location:	East of the Tell



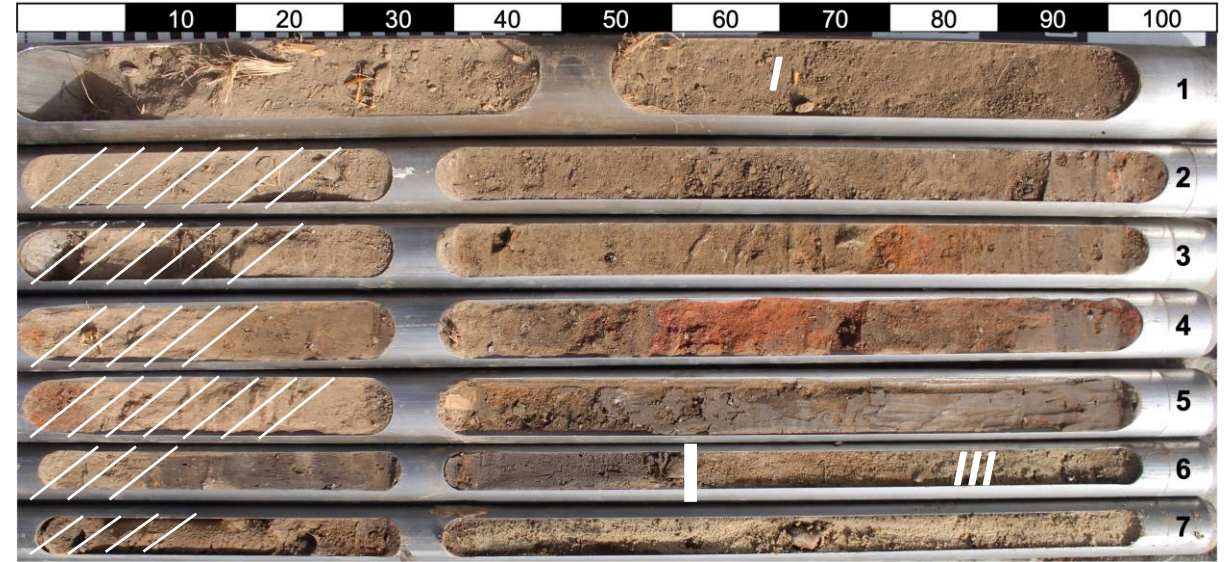
**Figure S14.** Core stratigraphy of B7 (see Figure S1 for legend).

**Table S24.** Detailed description of core B7.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5= wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	240	I	I	2	10YR 3/2	Tu3	silty clay	x	slightly compacted, plant remains, little artefacts to gravel
240	380	II	I	3	10YR 3/3	Lu	silty loam	x	heavily compacted, many artefacts to gravel
380	430	III	I	3 - 4	10YR 3/2	Ls4	strongly sandy loam	x	heavily compacted, many artefacts to gravel
430	540	IV	II	3 - 4	10YR 2/2	Tl	loamy clay	-	heavily compacted, no artefacts
540	700	V	III	5	10YR 7/4	Ss (mSgSfS)	medium, coarse and fine sand	-	moderate compacted, gravels, no artefacts, clayey lenses

**Table S25.** General information of core C1.

<b>Profile number:</b>	<b>C1</b>
Date:	05.04.2023
Processors:	Philipp Garbe, Martin Behl
Total length [m]:	6.50
Height asl [m]:	6.16
Coordinates [UTM]:	0358028 3382736
Location:	Eastern Tell



**Figure S15.** Core stratigraphy of C1 (see Figure S1 for legend).

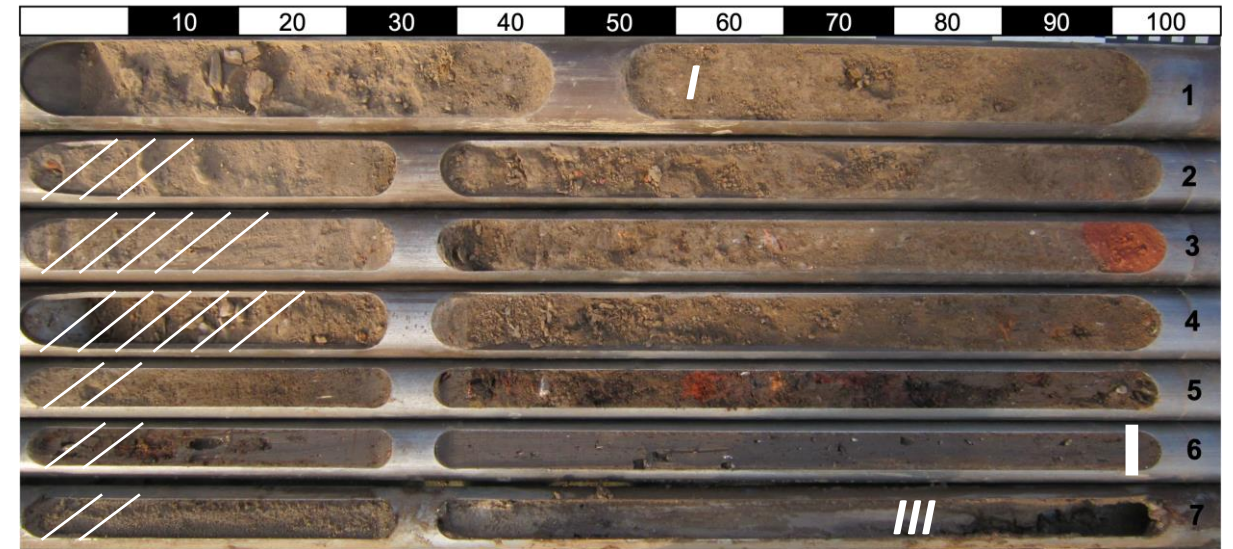
**Table S26.** Detailed description of core C1.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5 = wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	140	I	I	0	10YR 4/4	Uu	silty silt	x	root remains, slightly compacted, moderate artefacts to gravel
140	350	II	I	0	10YR 4/4	Slu	loamy silty sand	x	heavily compacted, many artefacts to gravel
350	380	III	I	1	10YR 4/4	Ls3	sandy loam	x	heavily compacted, many artefacts to gravel, brick at 360cm
380	550	IV	I	2	10YR 3/2	Lt2	slightly clayey loam	x	heavily compacted, little artefacts to gravel, limestone fragments
550	650	V	III	3	2,5y 5/3	Ss(mSgSfS)	medium, coarse and fine sand	-	moderate compacted, gravel, no artefacts, clayey lenses at 580cm, Gezira



**Table S27.** General information of core C2.

<b>Profile number:</b>	<b>C2</b>
Date:	02.10.2023
Processors:	Philipp Garbe, Erik Lindner
Total length [m]:	7,00
Height asl [m]:	6,267
Coordinates [UTM]:	0358077 3382709
Location:	Eastern Tell



**Figure S16.** Core stratigraphy of C2 (see Figure S1 for legend).

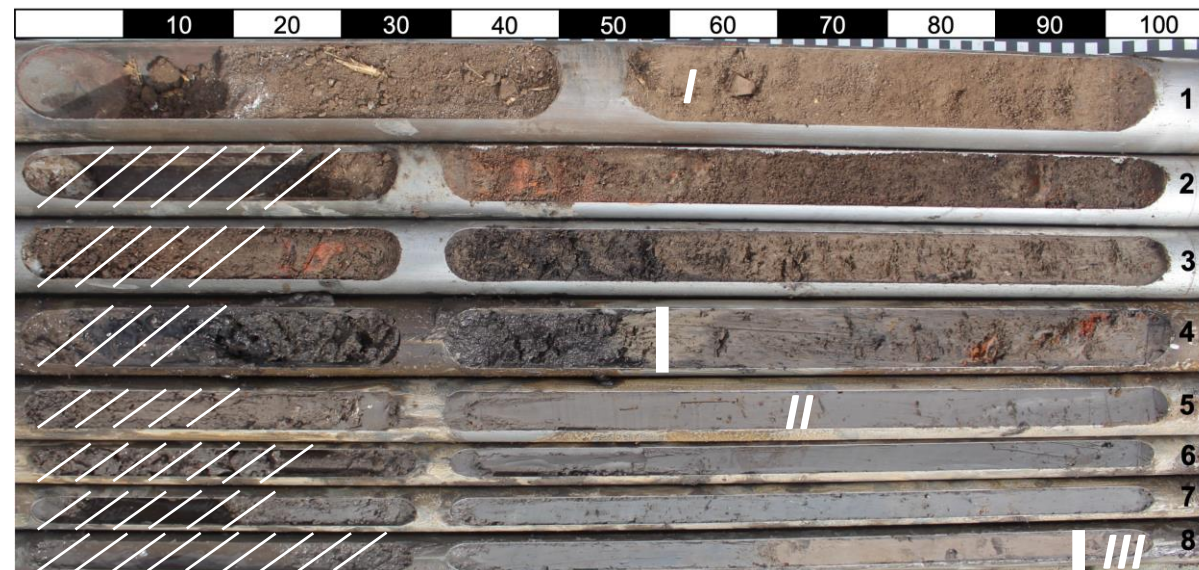
**Table S28.** Detailed description of core C2.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5= wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	120	I	I	0	10YR 4/4	Uu	silty silt	x	moderate compacted, plant remains, many artefacts to gravel
120	260	II	I	1	10YR 4/4	Uls	loamy sandy silt	x	heavily compacted, moderate artefacts to gravel
260	350	III	I	1	10YR 5/4	Slu	loamy silty sand	x	heavily compacted, many artefacts to gravel, brick at 290cm
350	480	IV	I	1 - 2	10YR 3/2	Ls2	slightly sandy loam	x	heavily compacted, many artefacts to gravel, sand lens between 395-405cm, limestone at 440cm, clayey layers
480	590	V	I	3	10YR 3/2	Lt3	clayey loam	-	heavily compacted, many limestone to gravel, no artefacts
590	700	VI	III	5	10YR 5/2	Ss (mSgSfS)	medium, coarse and fine sand	-	moderate compacted, no artefacts, gravel



**Table S29.** General information of core C3.

<b>Profile number:</b>	<b>C3</b>
Date:	27.09.2023
Processors:	Philipp Garbe, Julia Meister
Total length [m]:	8.00
Height asl [m]:	5.173
Coordinates [UTM]:	0358131 3382704
Location:	Eastern Tell



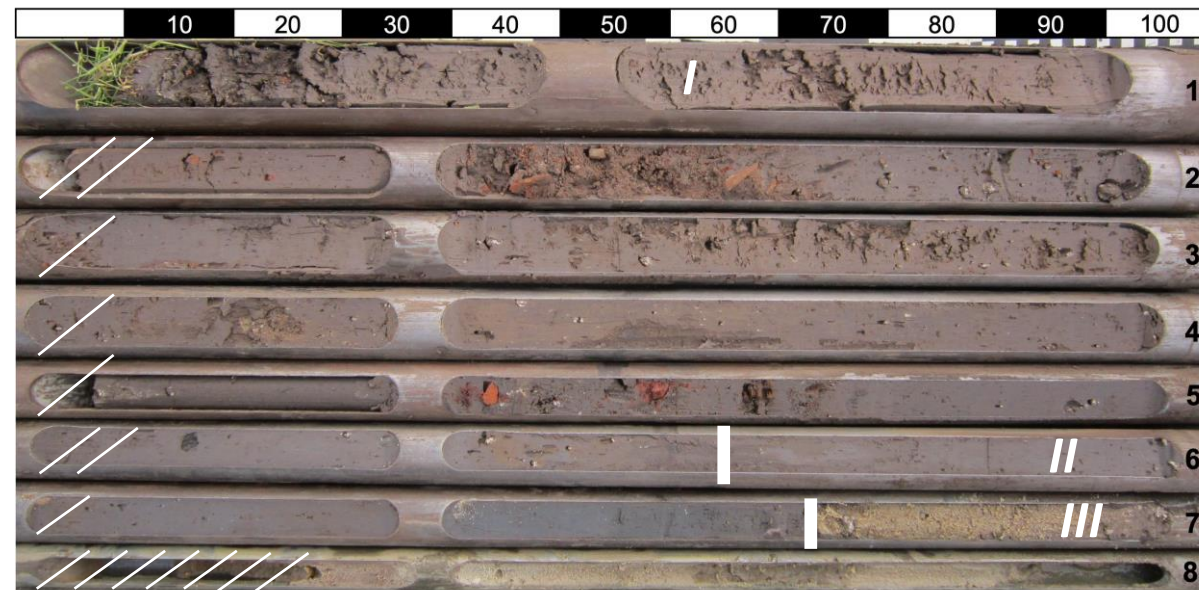
**Figure S17.** Core stratigraphy of C3 (see Figure S1 for legend).

**Table S30.** Detailed description of core C3.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5= wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	140	I	I	0 - 1	10YR 3/6	Us	sandy silt	x	slightly compacted, little artefacts to gravel, plant remains, limestone to gravel
140	250	II	I	1	10YR 3/2	Ls4	strongly sandy loam	x	heavily compacted, many artefacts to gravel, many organic 240-250cm
250	300	III	I	2 - 3	10YR 3/2	Lt3	clayey loam	x	heavily compacted, little artefacts to gravel
300	350	IV	I	5	10YR 2/1	St3	clayey sand	-	moderate compacted, plant remains, artefacts in fragments, organic, "Faulschlamm"
350	790	V	II	3	10YR 3/1	Tl	loamy clay	x	heavily compacted, little artefacts to gravel, little limestone fragments, limestone between 520-530cm
790	800	VI	III	4	5y 7/2	Ss (mSfSgS)	medium, fine and coarse sand	-	moderate compacted, no artefacts

**Table S31.** General information of core C4.

<b>Profile number:</b>	<b>C4</b>
Date:	01.10.2023
Processors:	Philipp Garbe, Erik Lindner
Total length [m]:	8.00
Height asl [m]:	4.736
Coordinates [UTM]:	0358189 3382693
Location:	East of the Tell



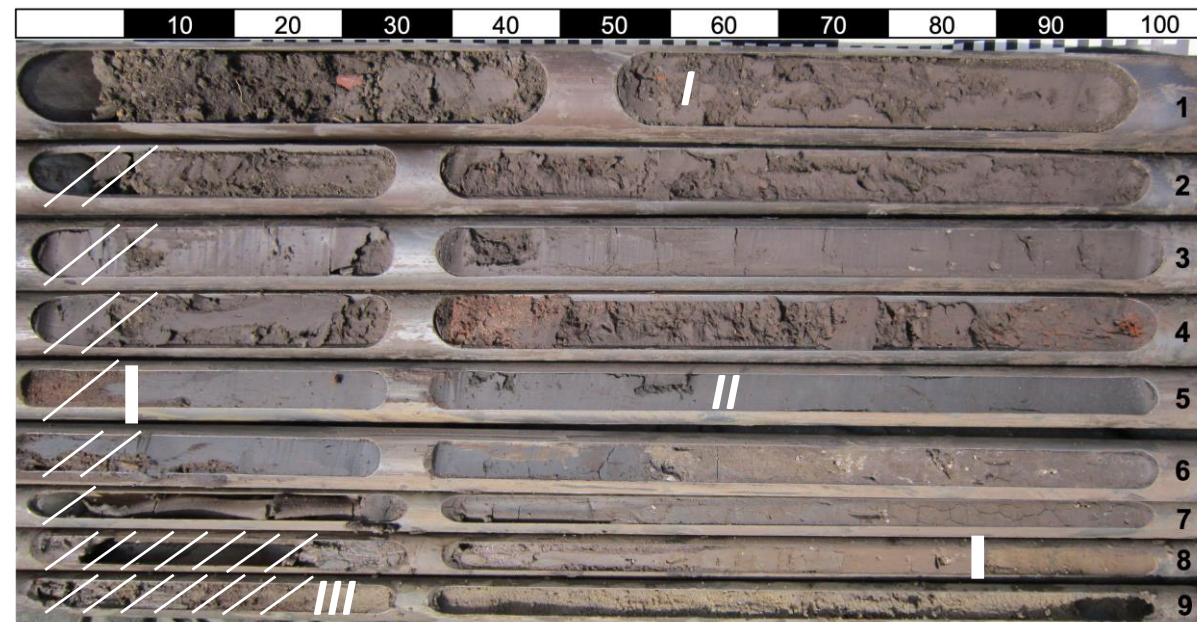
**Figure S18.** Core stratigraphy of C4 (see Figure S1 for legend).

**Table S32.** Detailed description of core C4.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5= wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	130	I	I	2	2,5y 2,5/1	Tu4	strongly silty clay	x	moderate compacted, plant remains, many artefacts to gravel
130	160	II	I	2	2,5y 3/2	Lts	clayey sandy loam	x	heavily compacted, very many artefacts to gravel
160	550	III	I	3	10YR 3/2	Tl	loamy clay	x	heavily compacted, moderate artefacts to gravel, many limestone to gravel
550	660	IV	II	3 - 4	10YR 3/1	Tu2	slightly silty clay	-	heavily compacted, little limestone fragments
660	800	V	III	5	2,5y 6/3	Ss (mSgSfS)	medium, coarse and fine sand	-	moderate compacted, many gravels, no artefacts, clayey layers between 690-700cm

**Table S33.** General information of core C5.

<b>Profile number:</b>	<b>C5</b>
Date:	01.10.2023
Processors:	Philipp Garbe, Erik Lindner
Total length [m]:	9.00
Height asl [m]:	4.809
Coordinates [UTM]:	0358232 3382693
Location:	East of theTell



**Figure S19.** Core stratigraphy of C5 (see Figure S1 for legend).

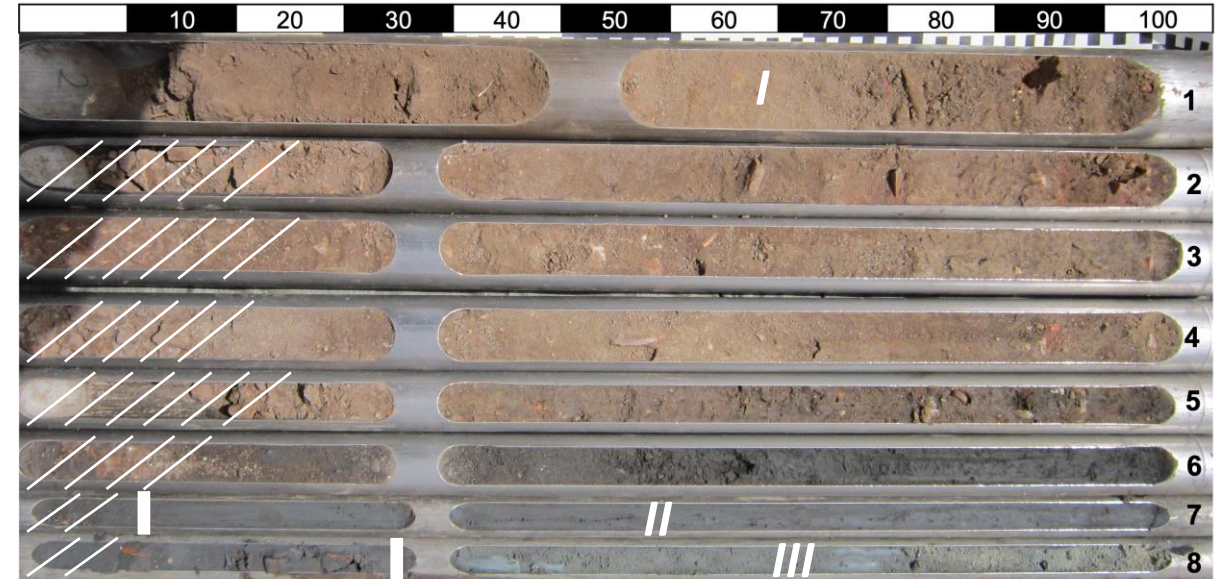
**Table S34.** Detailed description of core C5.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5= wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	120	I	I	2	10YR 3/2	Tu4	strongly silty clay	x	moderate compacted, plant remains, little artefacts to gravel
120	320	II	I	2	10YR 3/2	Tu3	silty clay	x	heavily compacted, very little artefacts to gravel
320	400	III	I	2 - 3	10YR 4/1	Lt3	clayey loam	x	heavily compacted, many artefacts to gravel, sand layer between 340-350cm
400	550	IV	II	2 - 3	2,5y 2,5/1	TI	loamy clay	-	heavily compacted, no artefacts
550	780	V	II	2 - 3	2,5y 4/2	TI	loamy clay	-	heavily compacted, many limestone to gravel
780	800	VI	III	2 - 3	2,5y 5/4	St3	clayey sand	-	heavily compacted, no artefacts
800	900	VII	III	5	2,5y 6/3	Ss (mSgSfS)	medium, coarse and fine sand	-	moderate compacted, many gravels, no artefacts



**Table S35.** General information of core D1.

<b>Profile number:</b>	<b>D1</b>
Date:	05.04.2023
Processors:	Philipp Garbe, Martin Behl
Total length [m]:	8.00
Height asl [m]:	6.217
Coordinates [UTM]:	0358052 3382806
Location:	Eastern Tell



**Figure S20.** Core stratigraphy of D1 (see Figure S1 for legend).

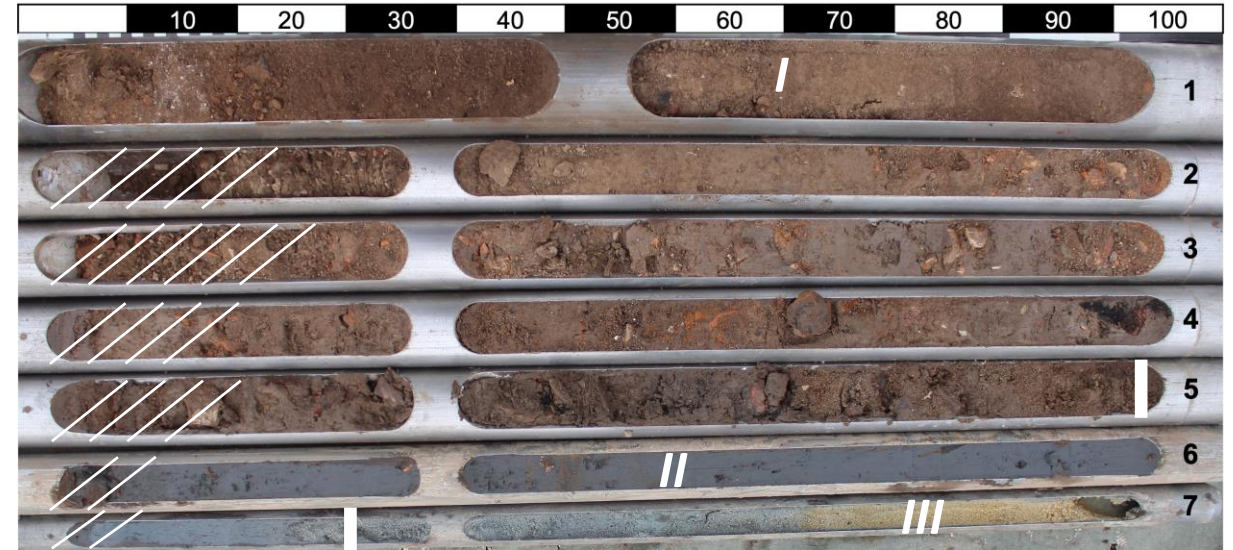
**Table S36.** Detailed description of core D1.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5= wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	230	I	I	0	10YR 4/3	U1s	loamy sandy silt	x	root remains, slightly compacted, many artefacts to gravel
230	340	II	I	1	10YR 4/4	Ut2	slightly clayey silt	x	heavily compacted, many artefacts to gravel, charcoal at 270cm
340	460	III	I	1	10YR 3/2	Ls2	slightly sandy loam	x	heavily compacted, many artefacts to gravel, sand lenses at 400cm
460	550	IV	I	2 - 3	10YR 3/1	Lt3	clayey loam	x	heavily compacted, little artefacts to gravel
550	600	V	I	3 - 4	10YR 3/1	Ts2	slightly sandy clay	-	heavily compacted, no artefacts
600	720	VI	II	3 - 4	10YR 3/1	Tu2	slightly silty clay	x	heavily compacted, little artefacts to gravel
720	800	VII	III	4 - 5	2,5y 5/1	Ss(mSgSfS)	medium, coarse and fine sand	-	moderate compacted, no artefacts, until 760cm Geziraclay, at 760cm clayey, after 760cm Gezirasand



**Table S37.** General information of core D2.

<b>Profile number:</b>	<b>D2</b>
Date:	08.04.2023
Processors:	Philipp Garbe, Martin Behl
Total length [m]:	7.00
Height asl [m]:	5.445
Coordinates [UTM]:	0358097 3382789
Location:	Eastern Tell



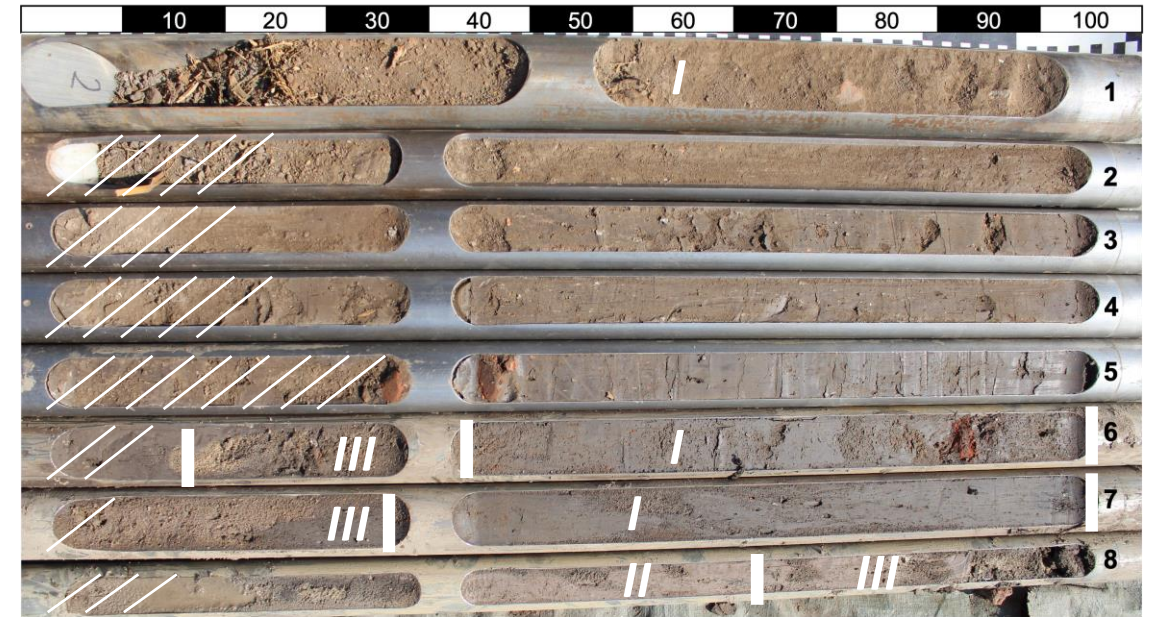
**Figure S21.** Core stratigraphy of D2 (see Figure S1 for legend).

**Table S38.** Detailed description of core D2.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5 = wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	160	I	I	1	10YR 3/3	Slu	loamy silty sand	x	root remains, slightly compacted, moderate artefacts to gravel
160	230	II	I	1	10YR 4/2	Sl3	loamy sand	x	heavily compacted, very many artefacts to gravel
230	350	III	I	1 - 2	10YR 3/2	Lt2	slightly clayey loam	x	heavily compacted, many artefacts to gravel, sand at 290-300cm
350	420	IV	I	2 - 3	10YR 4/2	Lt3	clayey loam	x	heavily compacted, many artefacts to gravel
420	460	V	I	3 - 4	10YR 3/2	Ts3	sandy clay	x	heavily compacted, many artefacts to gravel
460	500	VI	I	3 - 4	10YR 3/3	St3	clayey sand	x	heavily compacted, many artefacts to gravel
500	620	VII	II	4	10YR 3/1	Tu2	slightly silty clay	-	heavily compacted, no artefacts
620	700	VIII	III	5	2,5y 5/1	Ss(mSgSfS)	medium, coarse and fine sand	-	moderate compacted, Gezira, no artefacts, clayey lenses at 640cm

**Table S39.** General information of core D3.

<b>Profile number:</b>	<b>D3</b>
Date:	15.03.2023
Processors:	Philipp Garbe, Julia Meister
Total length [m]:	8.00
Height asl [m]:	5.22
Coordinates [UTM]:	0358120 3382732
Location:	Eastern Tell



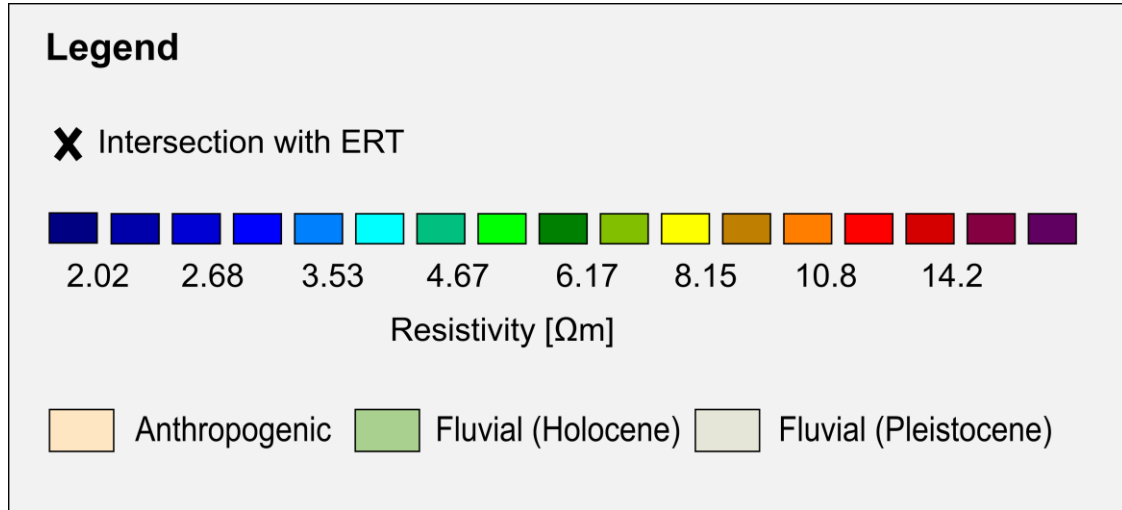
**Figure S22.** Core stratigraphy of D3 (see Figure S1 for legend).

**Table S40.** Detailed description of core D3.

Depth from [cm]	Depth to [cm]	Horizon	Unit	Moisture (0 = dry, 5= wet)	Colour (dry)	Grain size (matrix)	Grain size (matrix)	Cultural debris (x = present, - = not)	Remarks
0	160	I	I	0 - 1	10YR 3/3	Us	sandy silt	x	root remains, moderate compacted, many artefacts to gravel
160	240	II	I	0 - 1	10YR 3/3	Ut2	slightly clayey silt	x	heavily compacted, moderate artefacts to gravel
240	420	III	I	1	10YR 3/2	Uls	loamy sandy silt	x	heavily compacted, little artefact fragments, many limestone fragementes
420	510	IV	I	1 - 2	10YR 3/2	Ut3 - Lu	clayey silt - silty loam	x	heavily compacted, little artefact fragments, many artefacts at top, limestone fragments
510	530	V	III	3 - 4	10YR 4/2	Ss(gSmS)	coarse and medium sand	x	many artefact fragments
530	600	VI	I	2	10YR 3/1	Lt3	clayey loam	x	little artefact fragments, heavily compacted, big limestone at 580cm
600	625	VII	III	5	10YR 4/2	Ss(gSmS)	coarse and medium sand	-	moderate compacted, no artefacts
625	700	VIII	I	2	10YR 3/1	Lt3	clayey loam	x	little artefact fragments, heavily compacted
700	760	IX	II	2	10YR 4/2	Lt3	clayey loam	-	heavily compacted, no artefacts, "Bilquas"
760	800	X	III	4	2,5YR 6/2	Ss(mSgS)	medium and coarse sand	-	moderate compacted, no artefacts

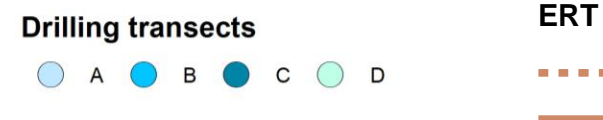


## Supplementary Material S2



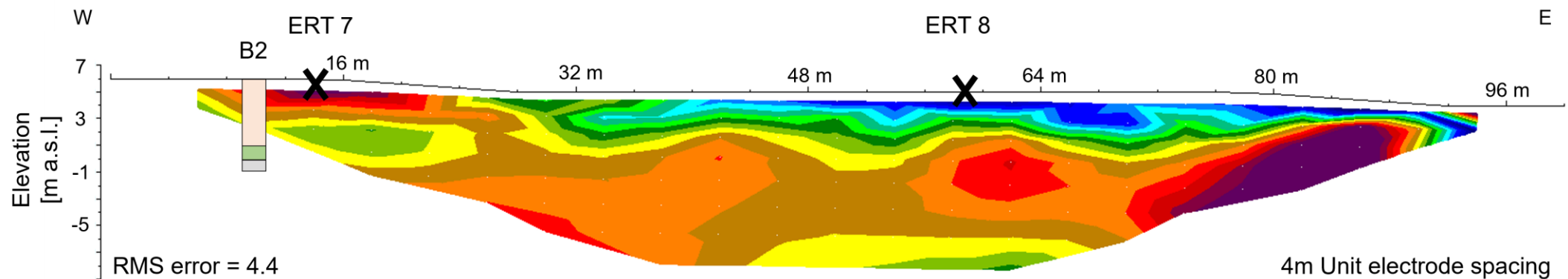
**Figure S23.** Legend for ERT tomograms.

**Figure S24.** Overview of drilling locations and ERT profiles (only the solid ERT lines are used for the interpretation and discussion in the article).



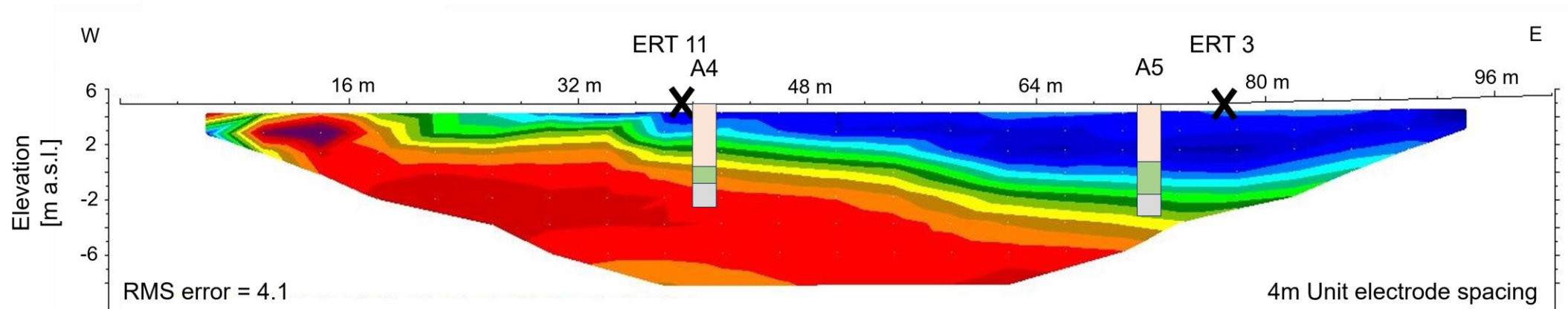


## ERT 1



**Figure S25.** Electrical resistivity tomogram ERT 1 (see Figure S23 for legend).

## ERT 2



**Figure S26.** Electrical resistivity tomogram ERT 2 (see Figure S23 for legend).

## ERT 3

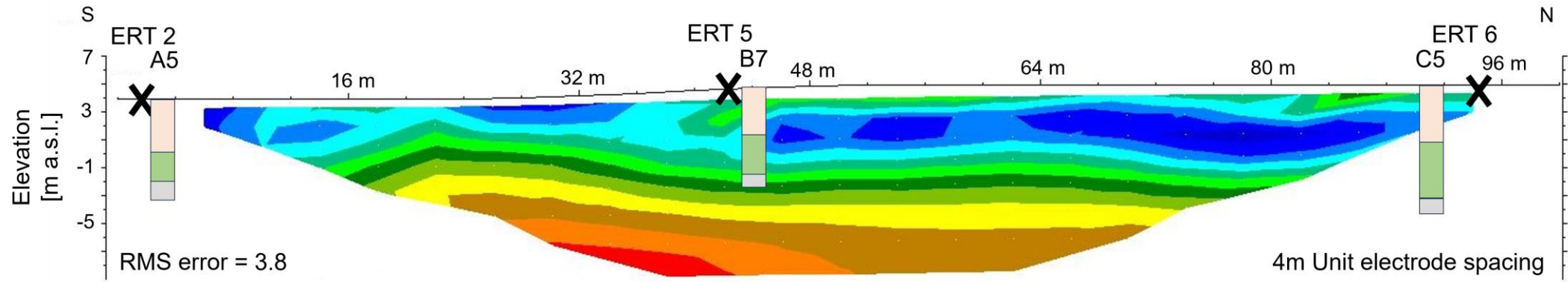


Figure S27. Electrical resistivity tomogram ERT 3 (see Figure S23 for legend).

## ERT 4

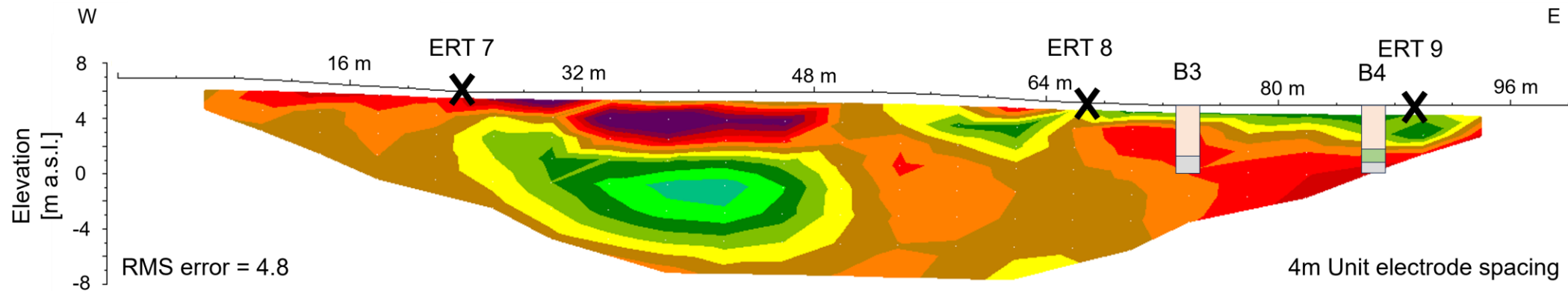


Figure S28. Electrical resistivity tomogram ERT 4 (see Figure S23 for legend).

## ERT 5

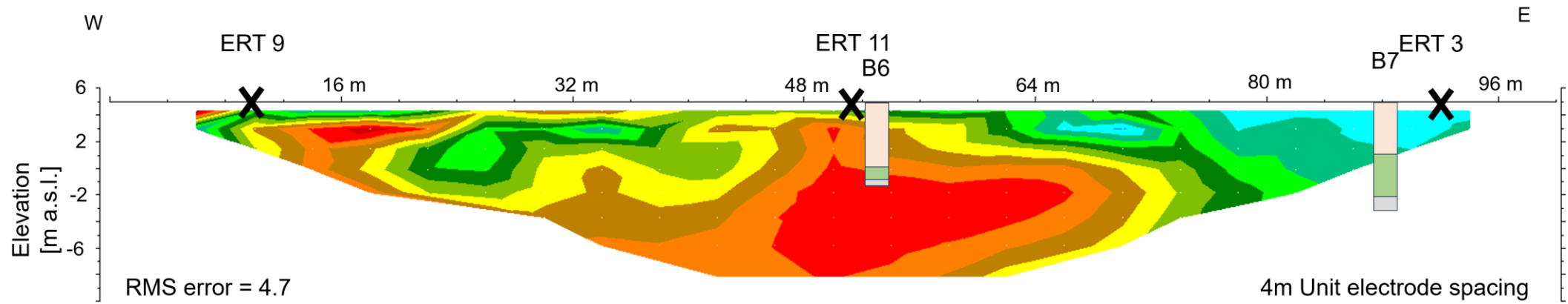


Figure S29. Electrical resistivity tomogram ERT 5 (see Figure S23 for legend).

## ERT 6

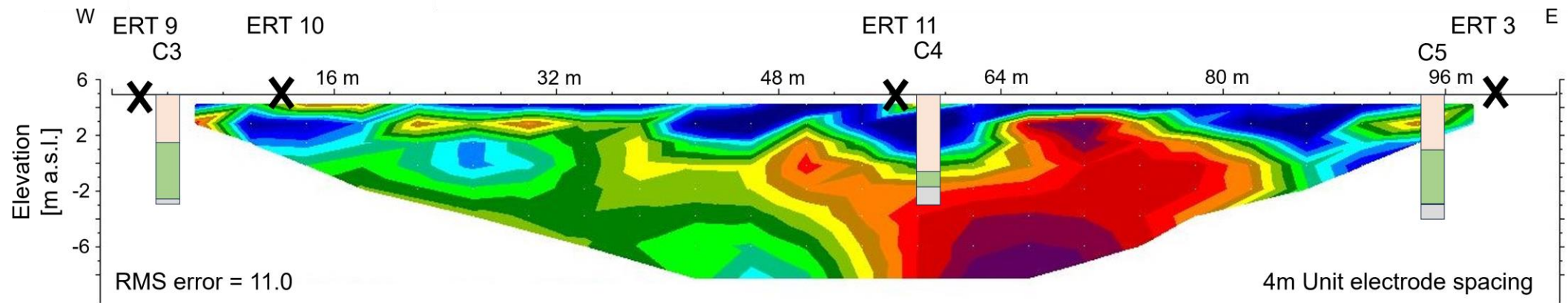


Figure S30. Electrical resistivity tomogram ERT 6 (see Figure S23 for legend).



## ERT 7

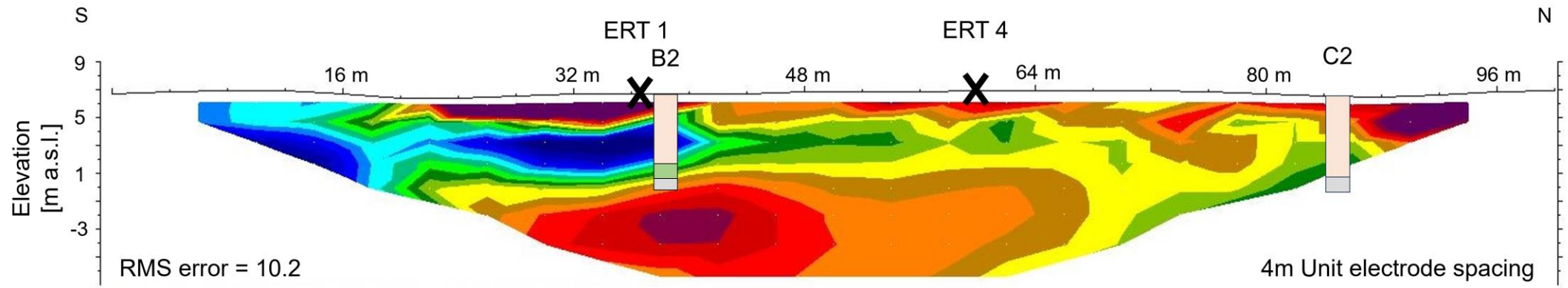


Figure S31. Electrical resistivity tomogram ERT 7 (see Figure S23 for legend).

## ERT 8

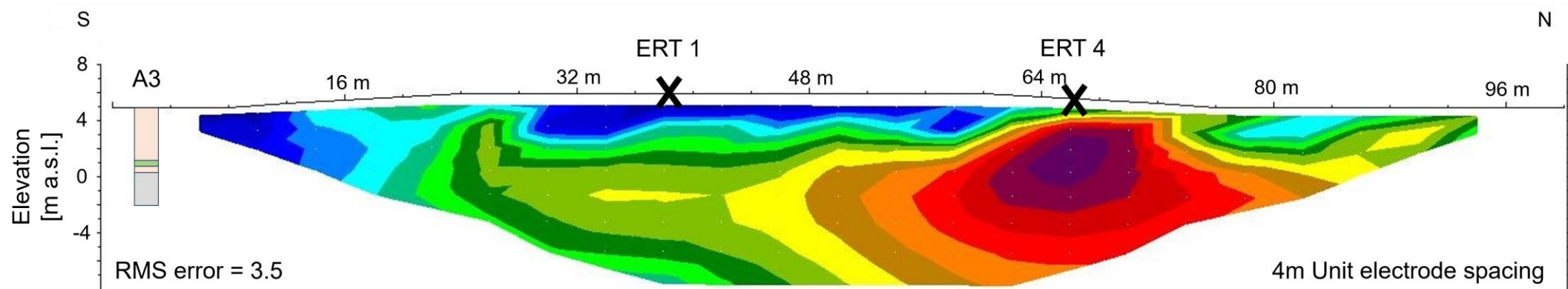
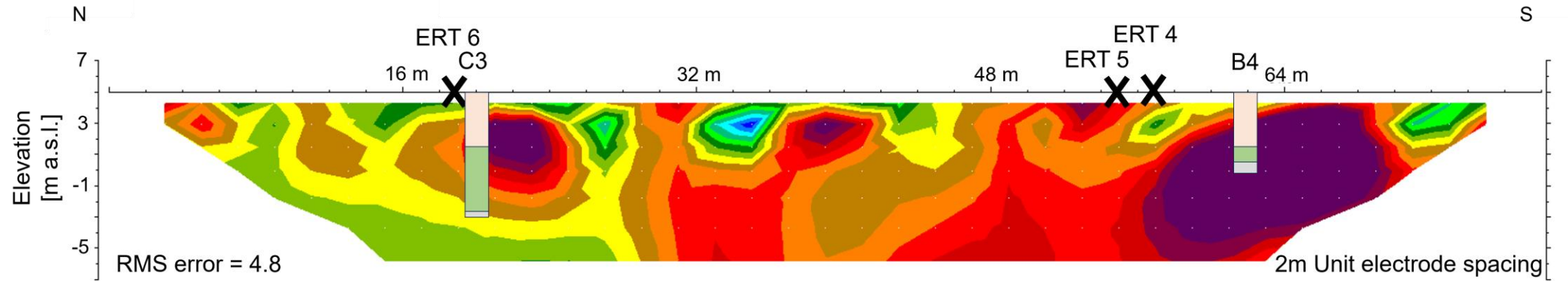


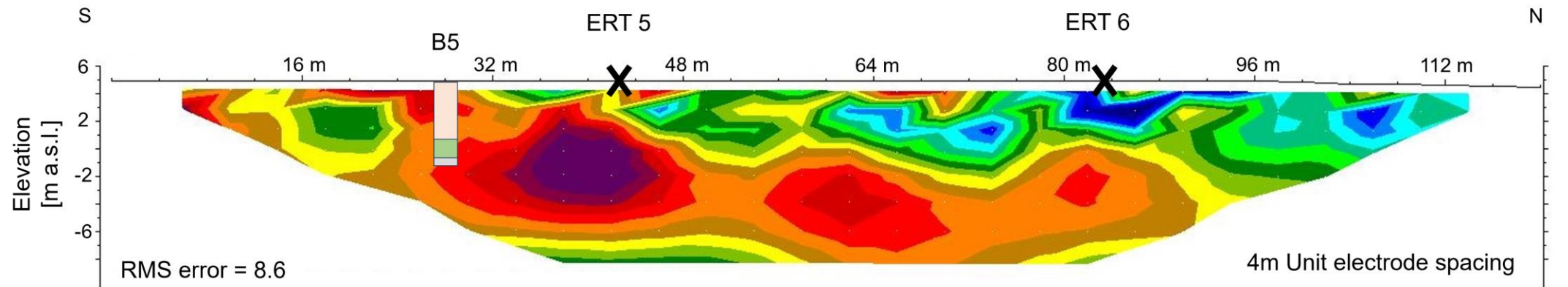
Figure S32. Electrical resistivity tomogram ERT 8 (see Figure S23 for legend).

## ERT 9



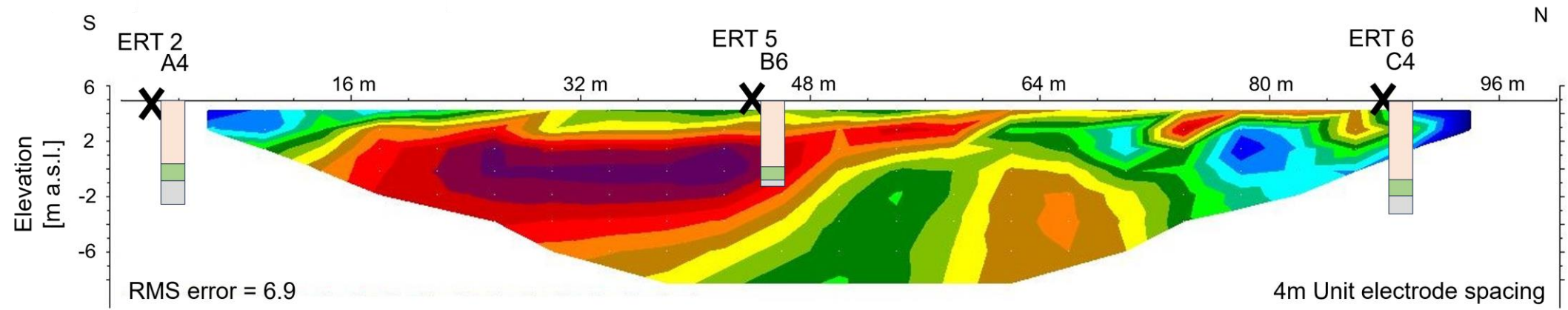
**Figure S33.** Electrical resistivity tomogram ERT 9 (see Figure S23 for legend).

## ERT 10



**Figure S34.** Electrical resistivity tomogram ERT 10 (see Figure S23 for legend).

# ERT 11



**Figure S35.** Electrical resistivity tomogram ERT 11 (see Figure S23 for legend).