

# Similarities and differences between 7th and 8th-century pottery as shown by archaeological sites in the vicinity of Hlebine

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Sekelj Ivančan, Tajana; Valent, Ivan

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dr. sc. TAJANA SEKELJ IVANČAN  
Institut za arheologiju  
Ljudevita Gaja 32, 10000 Zagreb  
tsivančan@iarh.hr



IVAN VALENT, mag. arh  
Muzej grada Koprivnice  
Trg dr. L. Brozovića 1, 48000 Koprivnica  
ivalent@muzej-koprivnica.hr



# Similarities and differences between 7<sup>th</sup> and 8<sup>th</sup> century pottery on the example of the archaeological sites in the vicinity of Hlebine

International scientific conference:  
TWO SIDES OF A BELT STRAP END:  
AVARS ON THE NORTH AND THE SOUTH OF THE KHAGANAT  
Vinkovci, 6th-7th February 2020





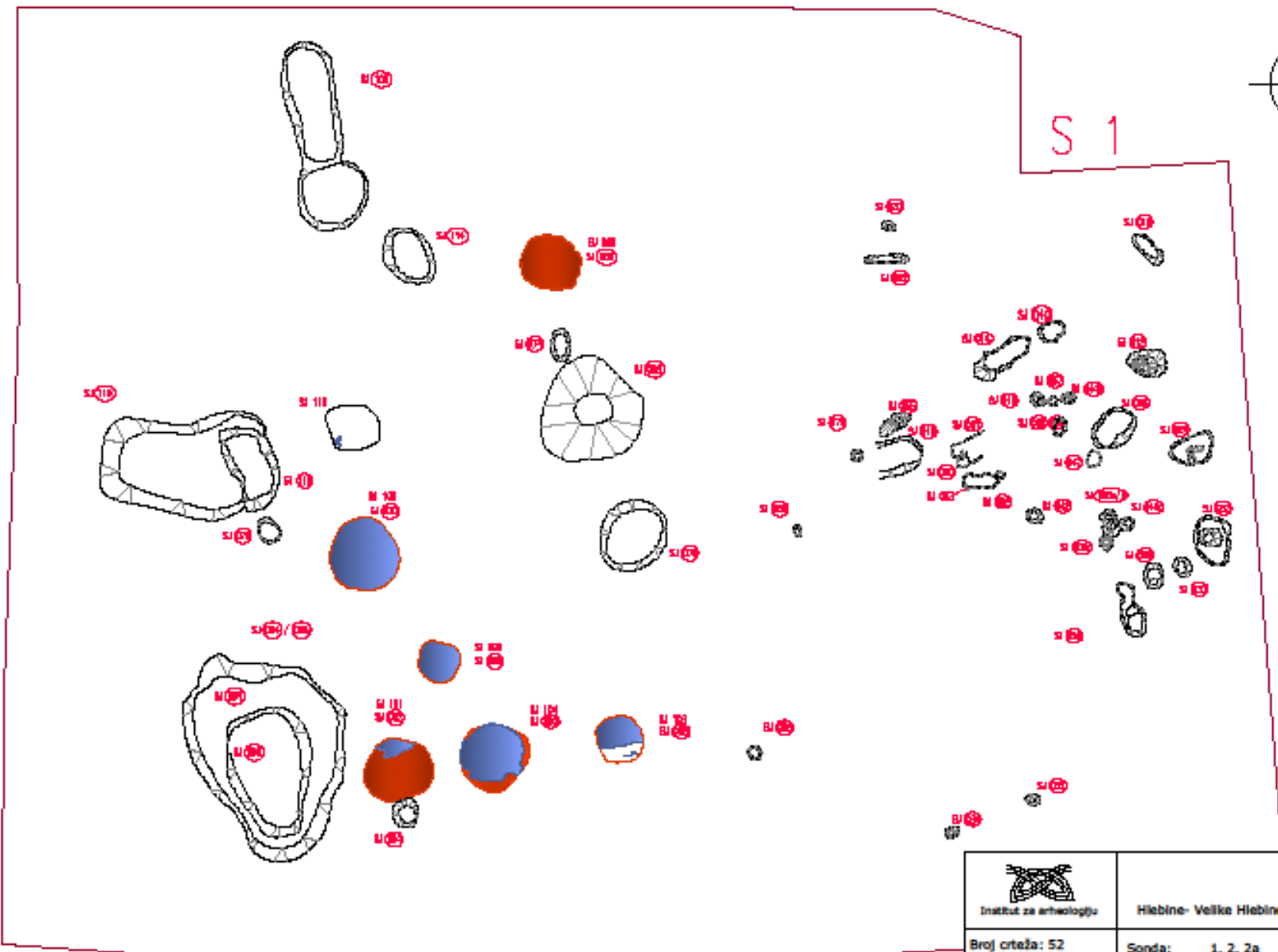
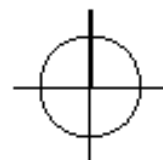
Hlebine - Dedanovice

Hlebine - Velike Hlebine

S 2


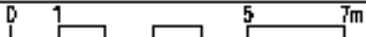
S 2a

S 1

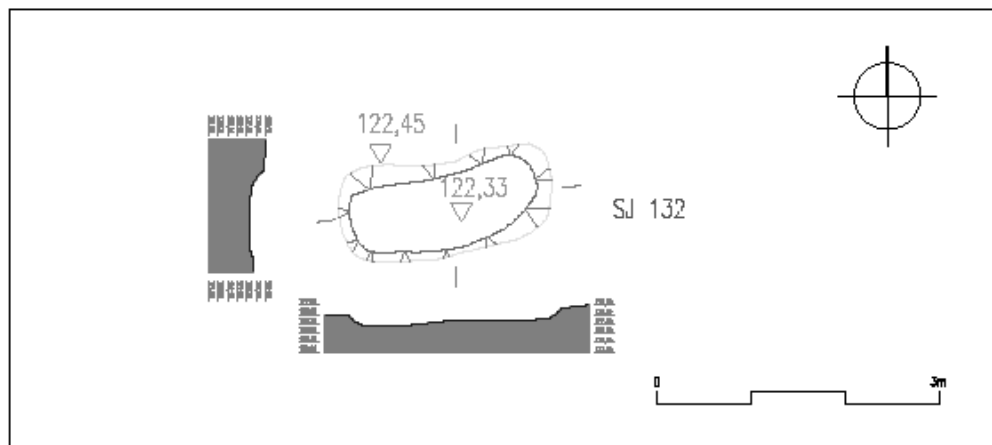
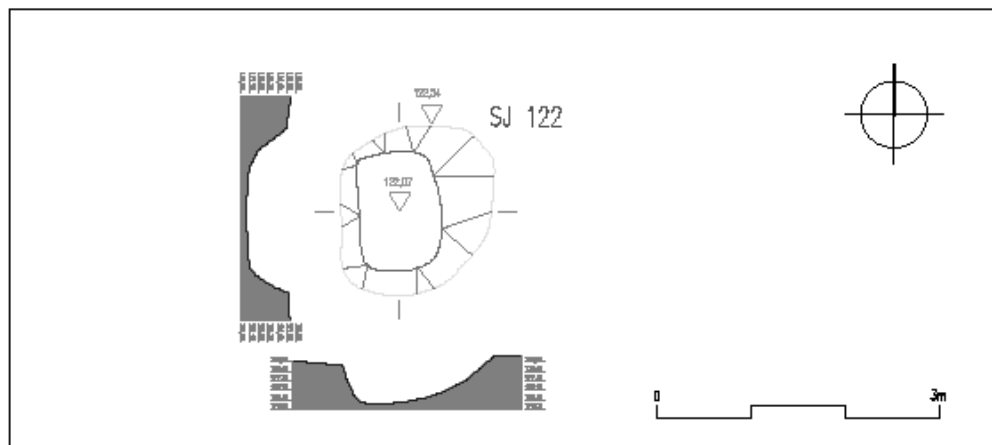
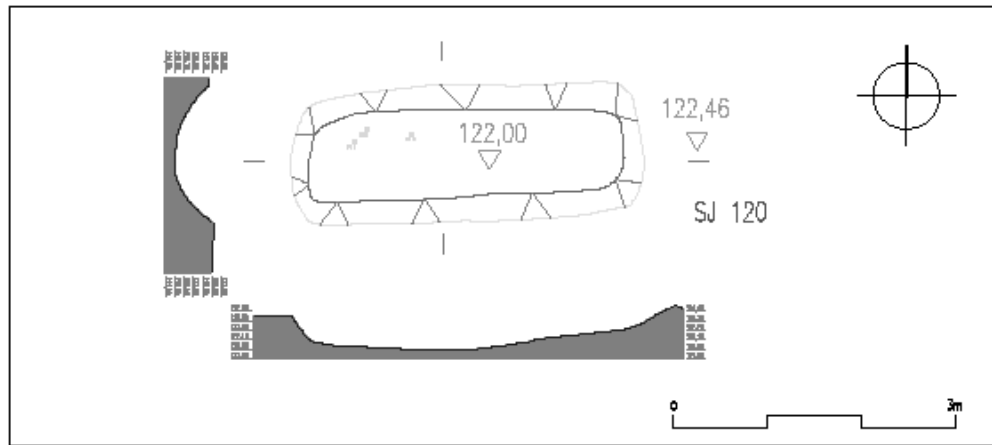
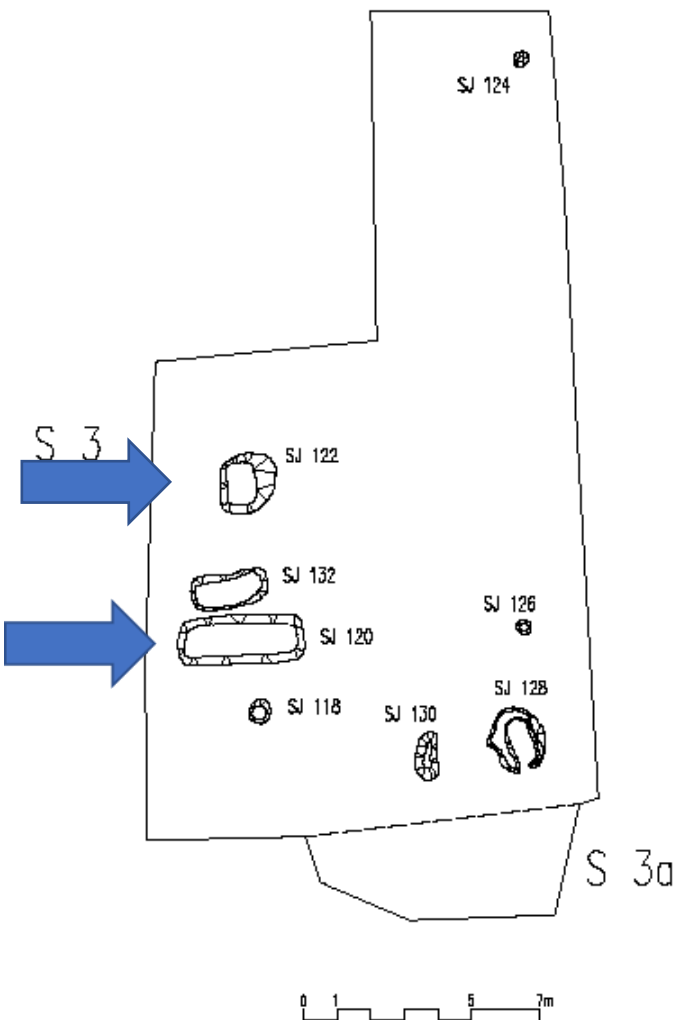
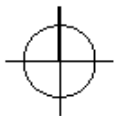


LEGENDA:

- zapečena zemlja
- jače zapečena zemlja

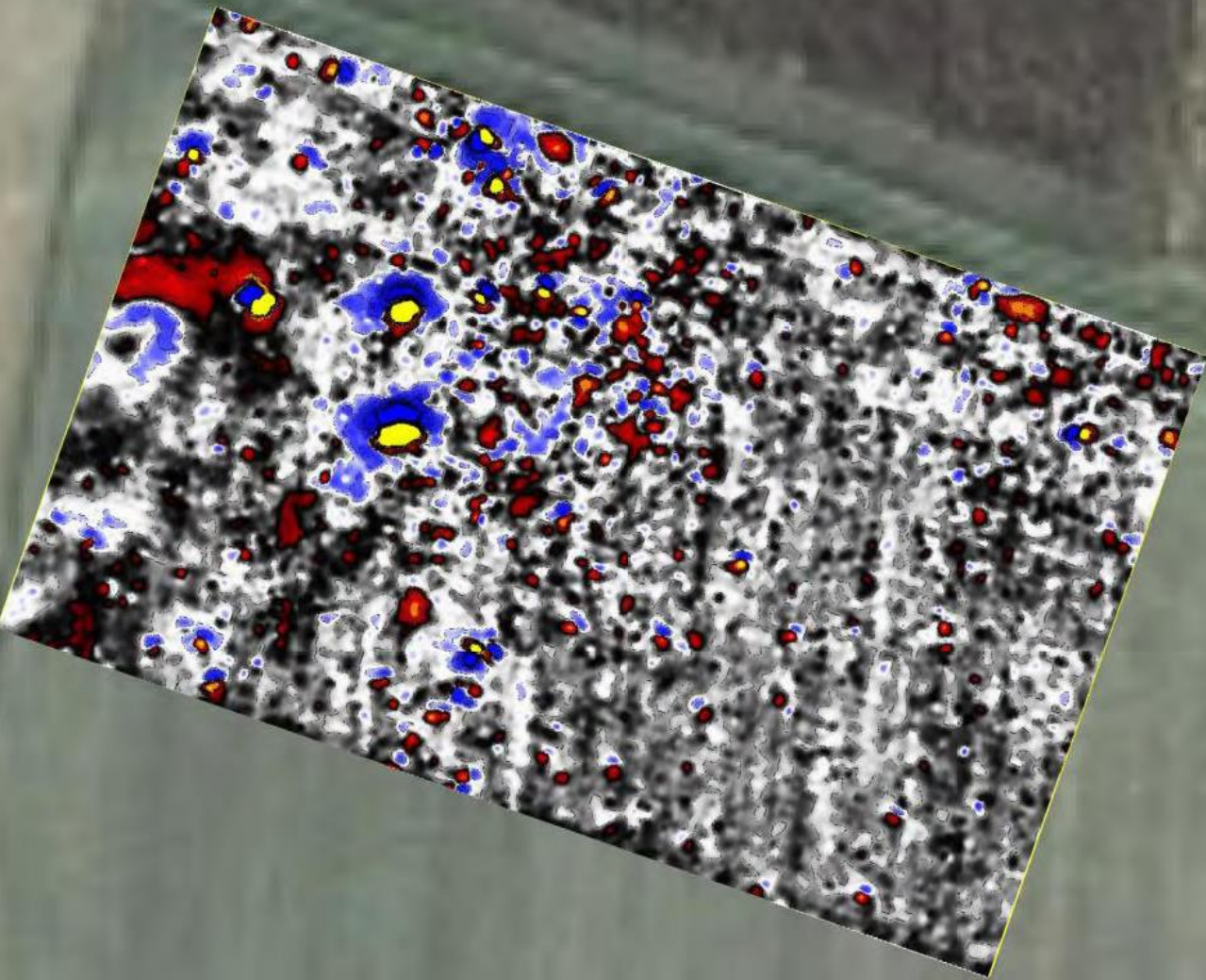
 Institut za arheologiju	Hlebine- Velike Hlebine 2017.
Broj crteža: 52	Sonda: 1, 2, 2a
Stratigrafska jedinica: Položaj ukopa unutar Sondi 1 i 2	
Datum: listopad 2017.	Autor crteža: Kristina Turkalj
Mjerilo: 1:150	

# Hlebine – Velike Hlebine 2017.



T. S. Ivančan 2019, Ostaci ranosrednjovjekovnog naselja na lokalitetu Hlebine – Velike Hlebine, Podravina – časopis za multidisciplinarna istraživanja, Vol 18, br. 36, 5-20.





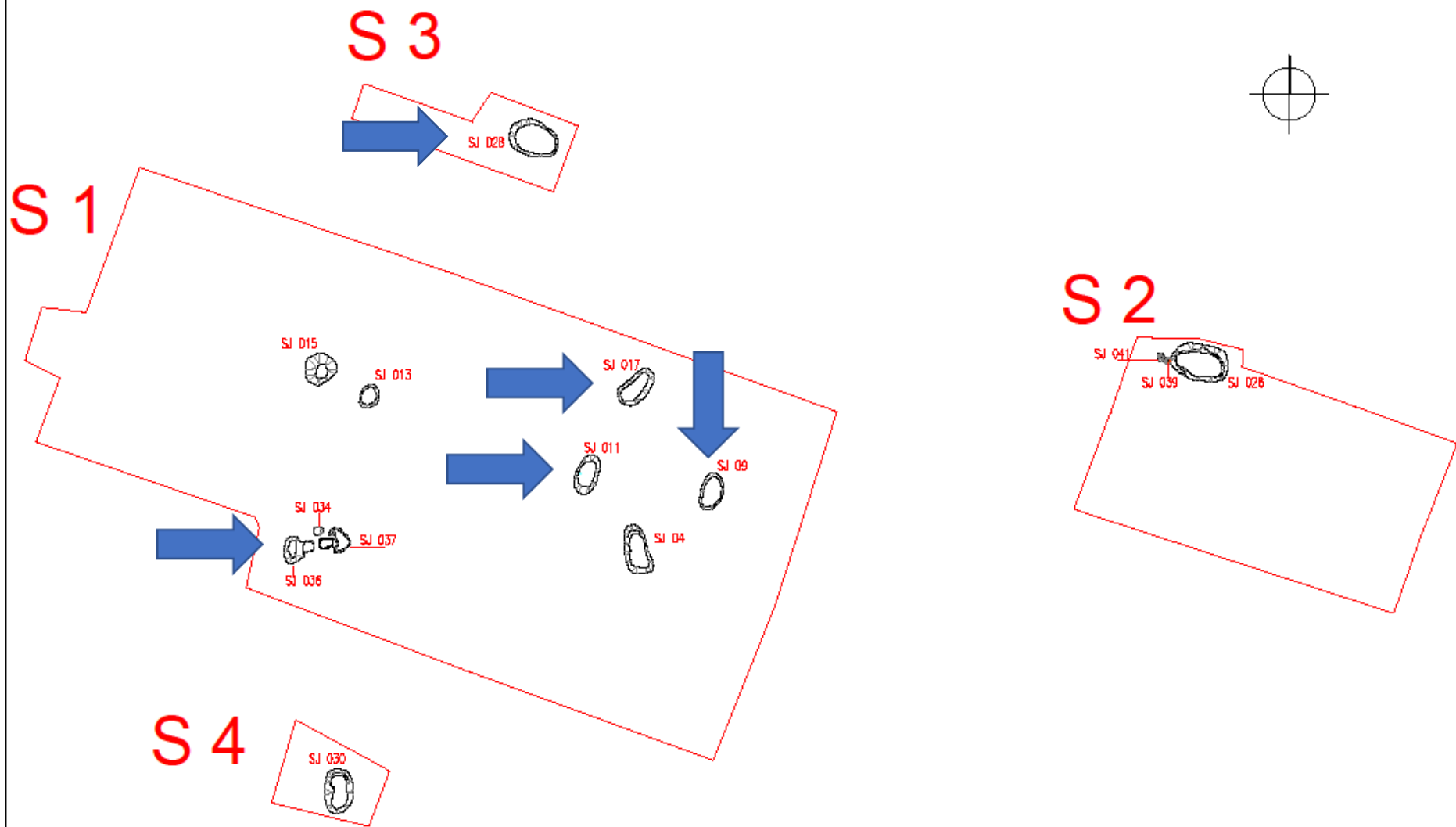
## Hlebine – Dedanovice 2017

Mušič et. al 2017(Unpublished Report)

0




40m



# Hlebine – Dedanovice 2018.

Drawing: K. Turkalj, IARH

 Institut za arheologiju	Hlebine - Dedanovice 2018.
Broj crteža: 19	Sonda: 1, 2, 3, 4
Stratigrafska jedinica: Tloort ukope objekata	
Datum: studeni 2018.	Autor crteža: Kristina Turkalj
Mjerilo: 1:200	0 5 10m

68.3 (1 sigma) cal AD 659 – 694 0.705

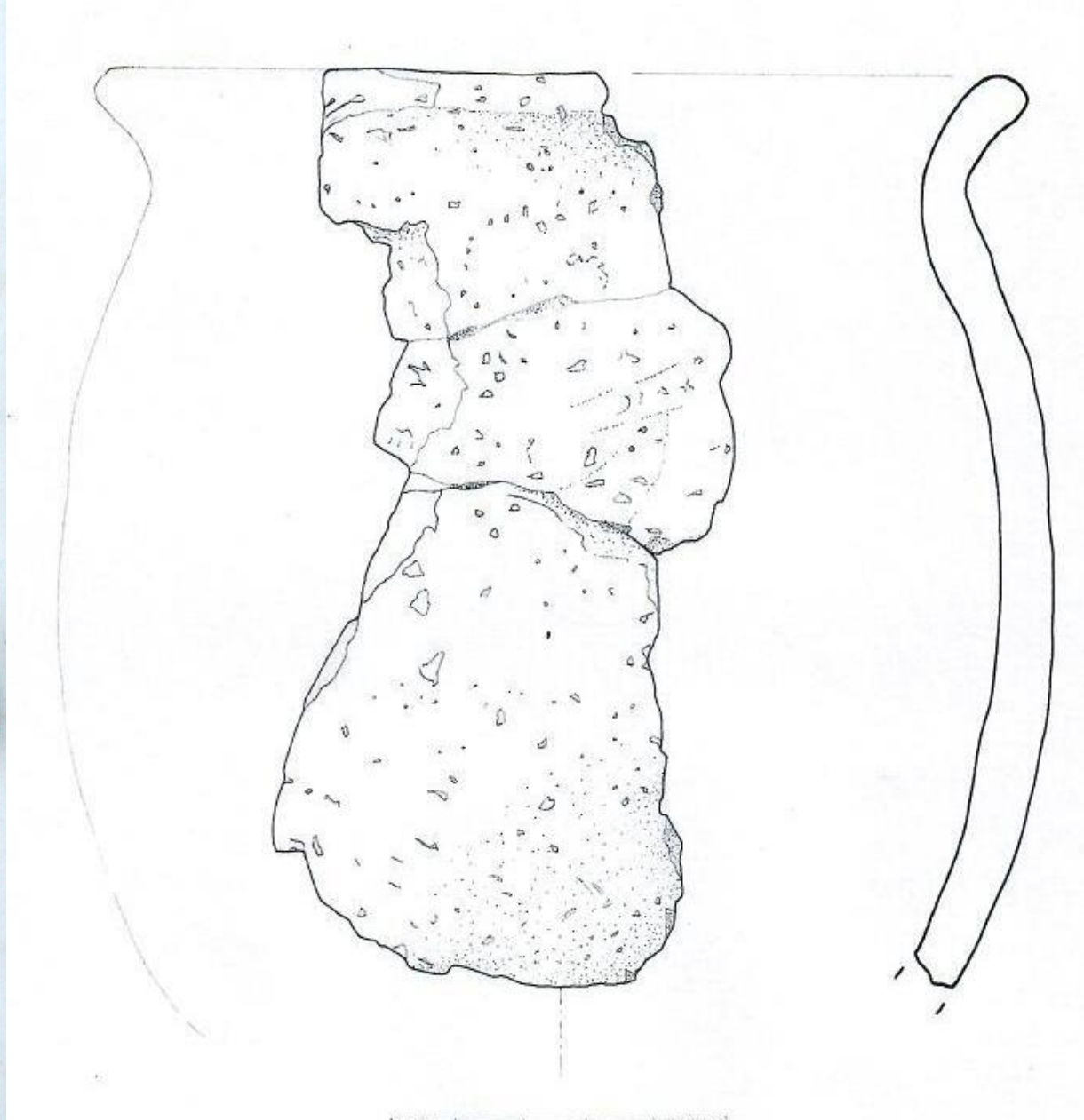
703 – 707 0.035

SU 10

746 – 763 0.259

95.4 (2. sigma) cal AD 653 – 725 0.748

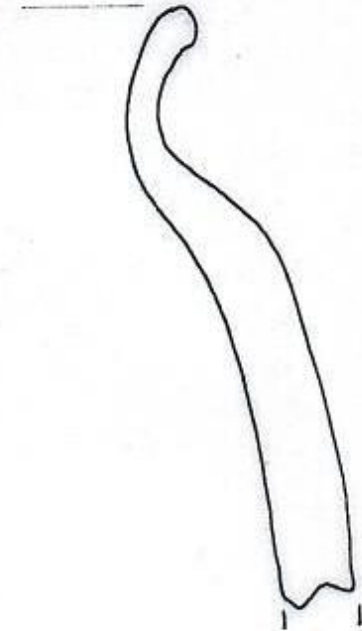
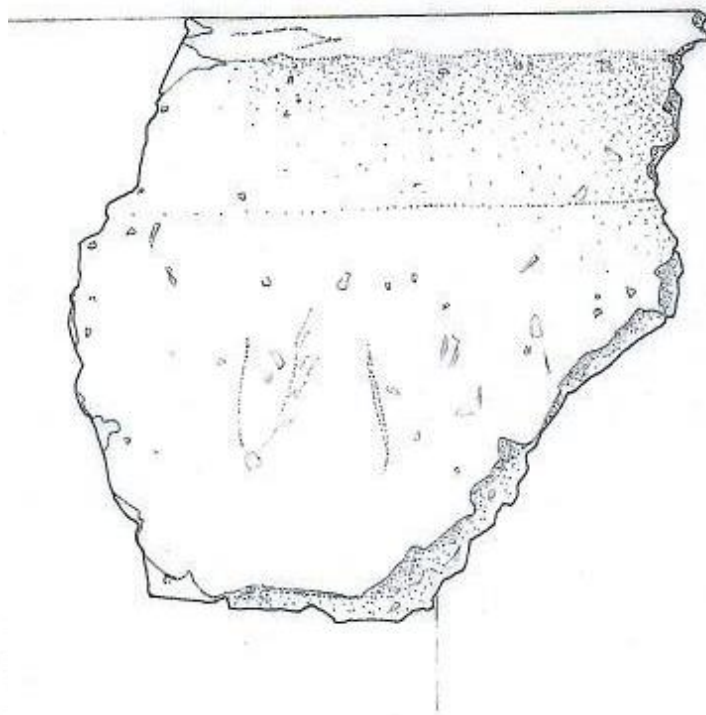
738 – 768 0.252





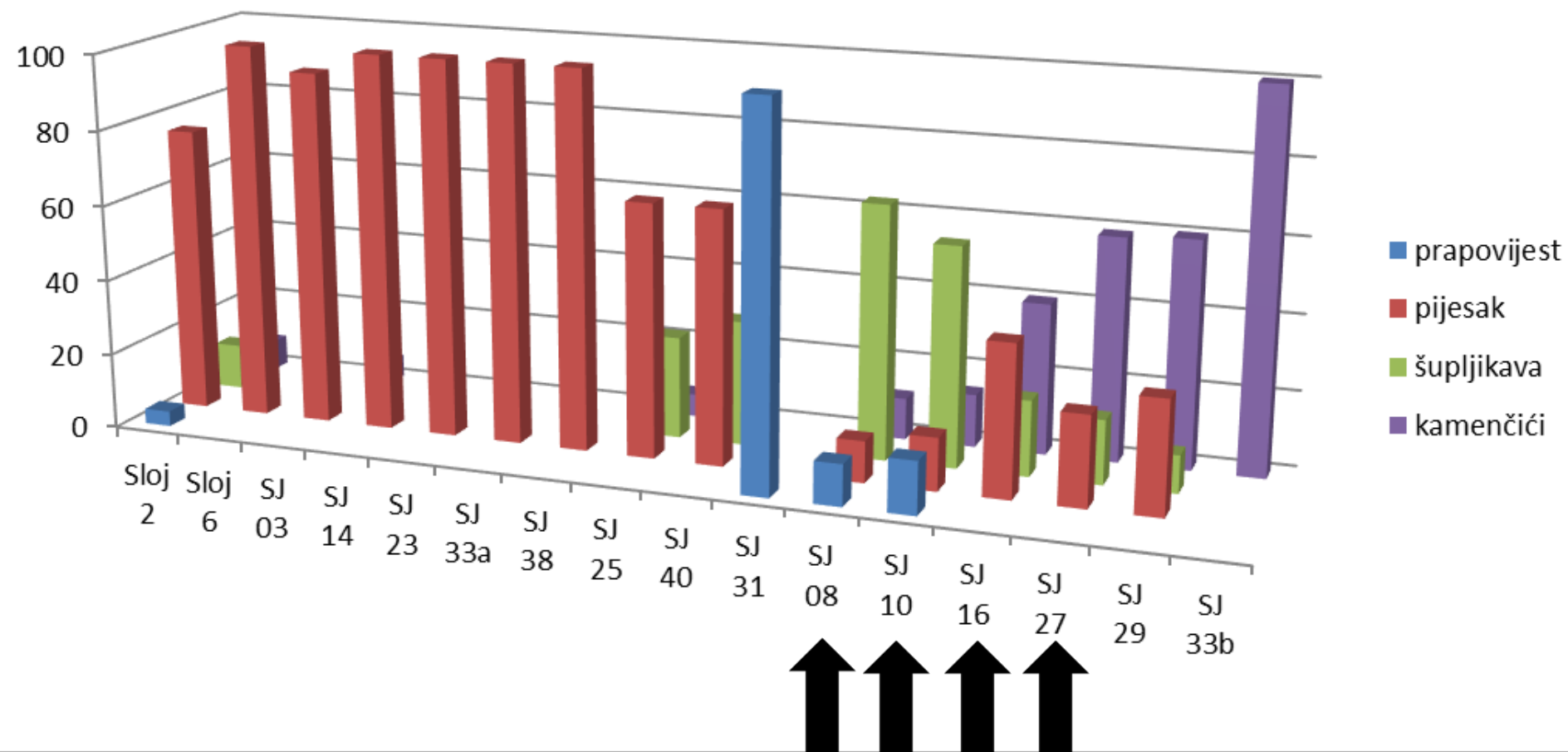
# SU 27

68.3 (1 sigma) cal AD	647 – 671	1.000
95.4 (2. sigme) cal AD	616 – 690	0.986
	752 – 760	0.014



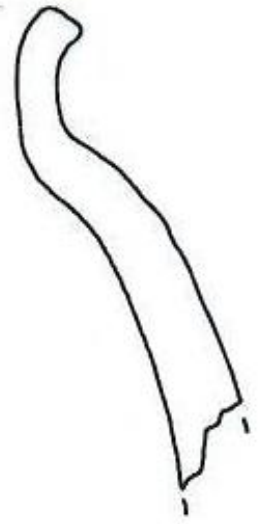
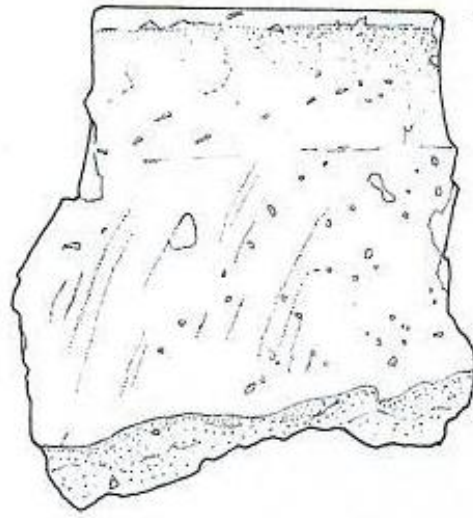
# Hlebine – Dedanovice 2018

## Pottery representation diagram

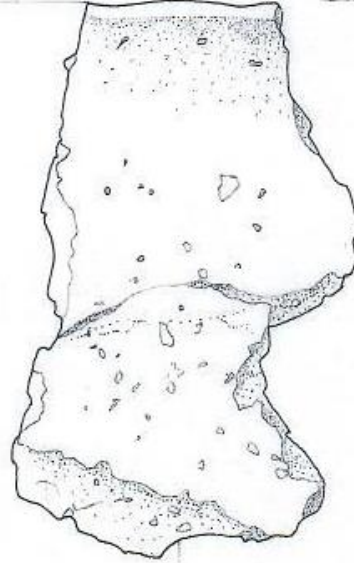


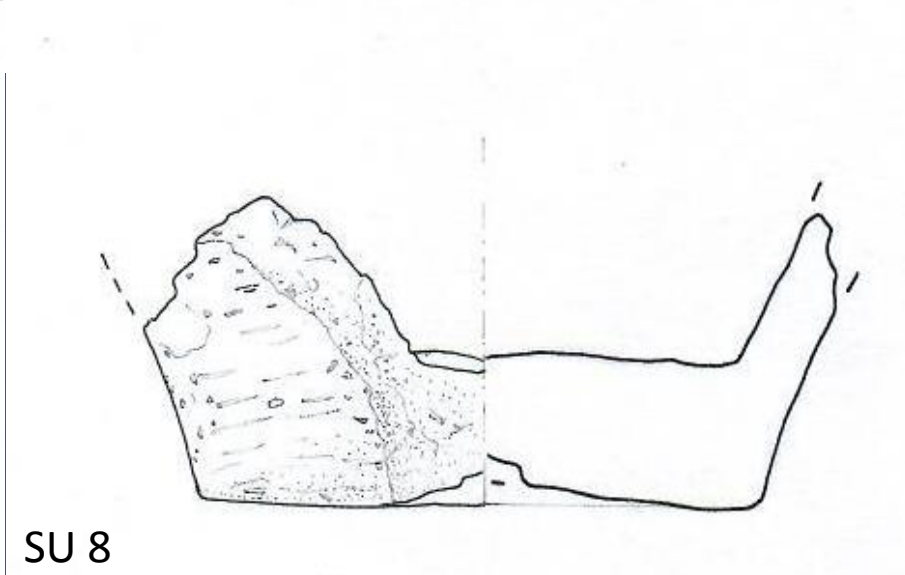
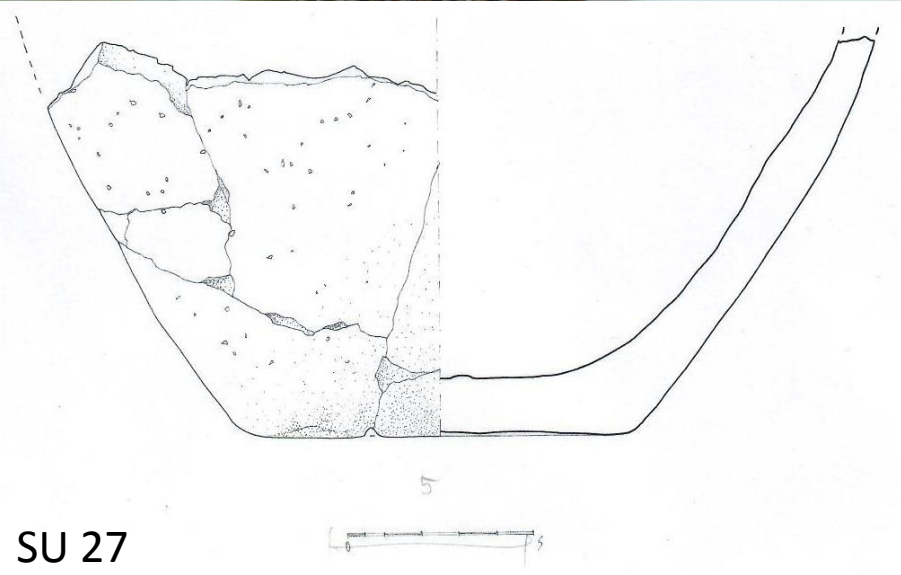


SU 8



SU 27







# Pottery characteristics

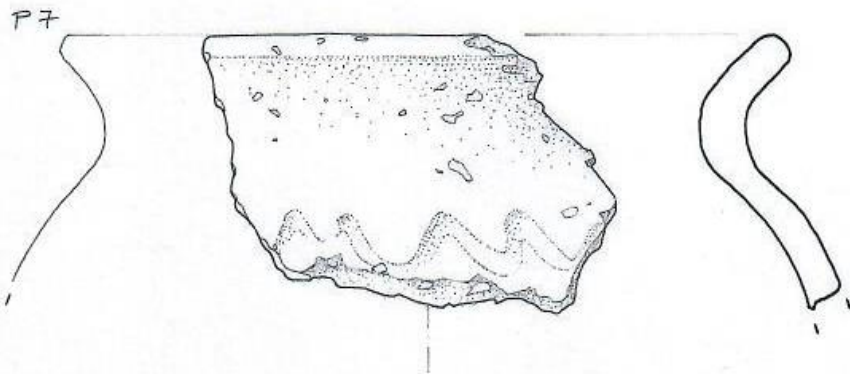
## - differences and similarities -

### Type 1

- **Organic material in facture**
- Made by hand
- Vertical production marks
- Similar shapes
- Slightly raised lower surfaces of bottoms
- Decoration in one case (double-wave line)

### Type 2

- **Small pebbles in facture**
- Made by hand
- Vertical production marks
- Similar shapes
- Flat lower surfaces of bottoms
- No decoration



SU 27



# Common nominator from different context (US 8, 10, 16, 27)



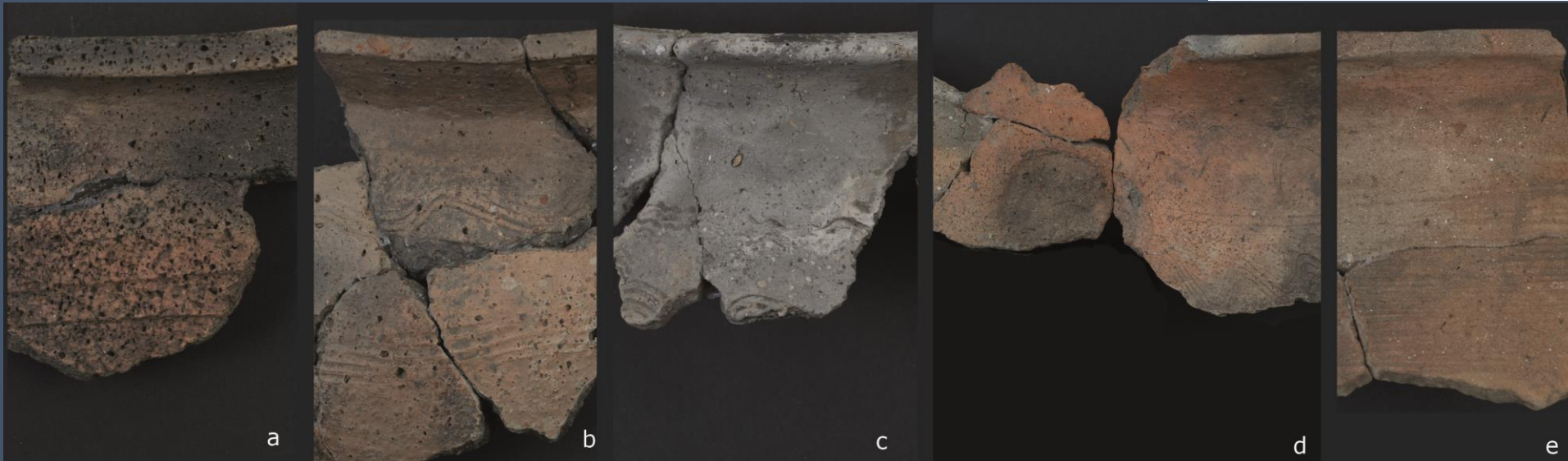
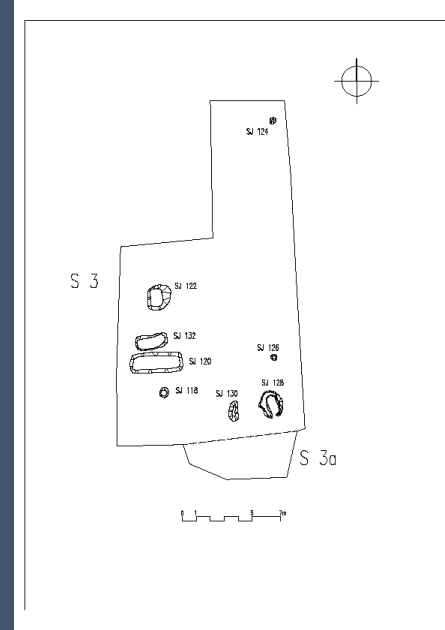
SU 16  
U – 45/1b

Furnaces SU 31, SU 33 (Photo: T. S. Ivančan)

<b>SU 31 b</b>		<b>SU 33 b</b>	
68.3 (1 sigma) cal AD 647 – 668	1.000	68.3 (1 sigma) cal AD 643 – 665	1.000
95.4 (2. sigme) cal AD 616 – 686	1.000	95.4 (2. sigme) cal AD 614 – 676	1.000



# Hlebine – Velike Hebine 2017 Trench 3



Poriferous

Poriferous with  
small pebbles

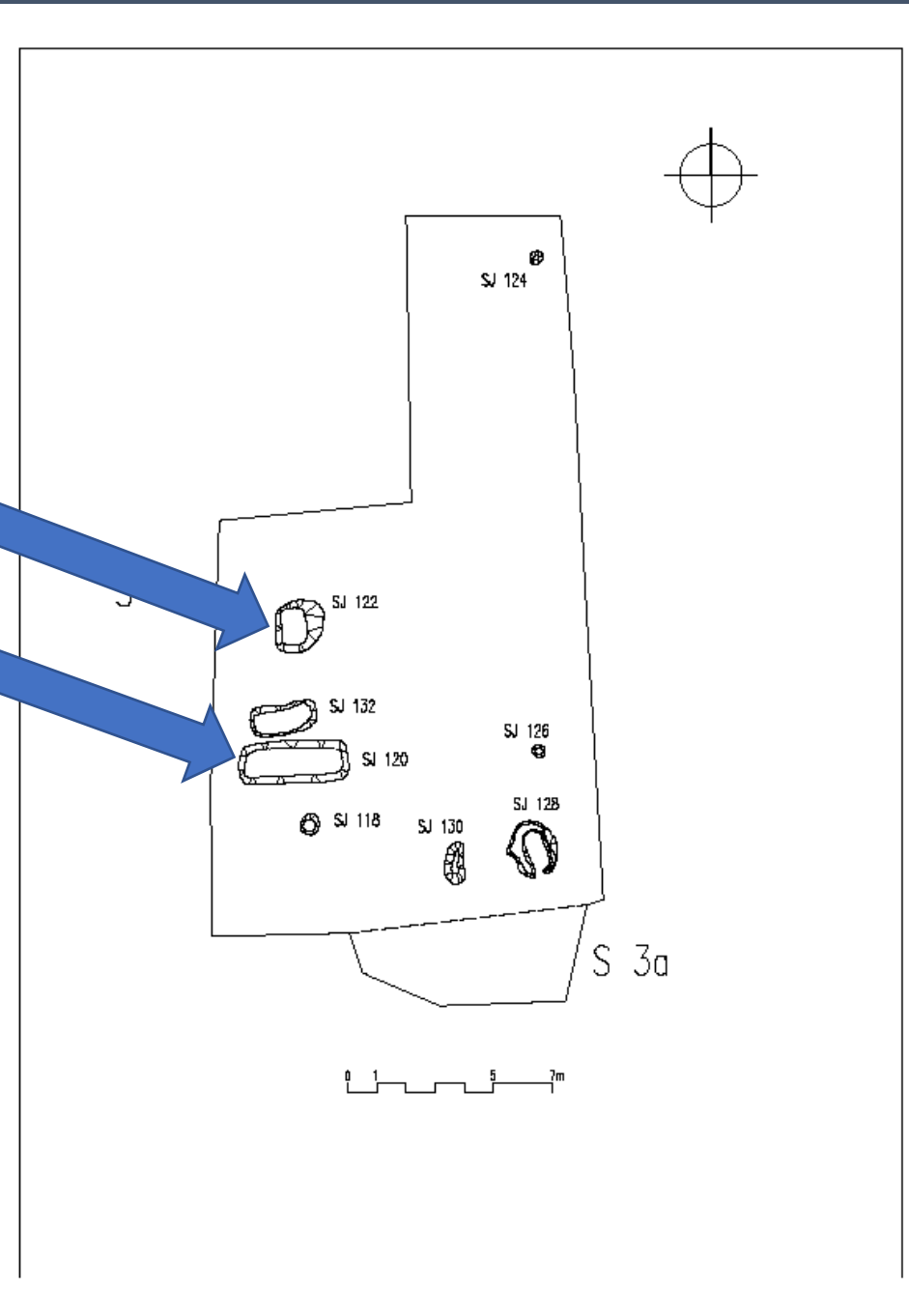
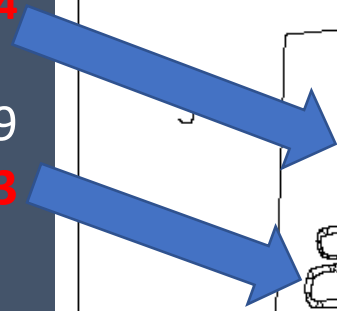
Clay + pebbles,  
rough  
structure,  
it drops off

Clay + pebbles,  
smooth structure

Clay + sand

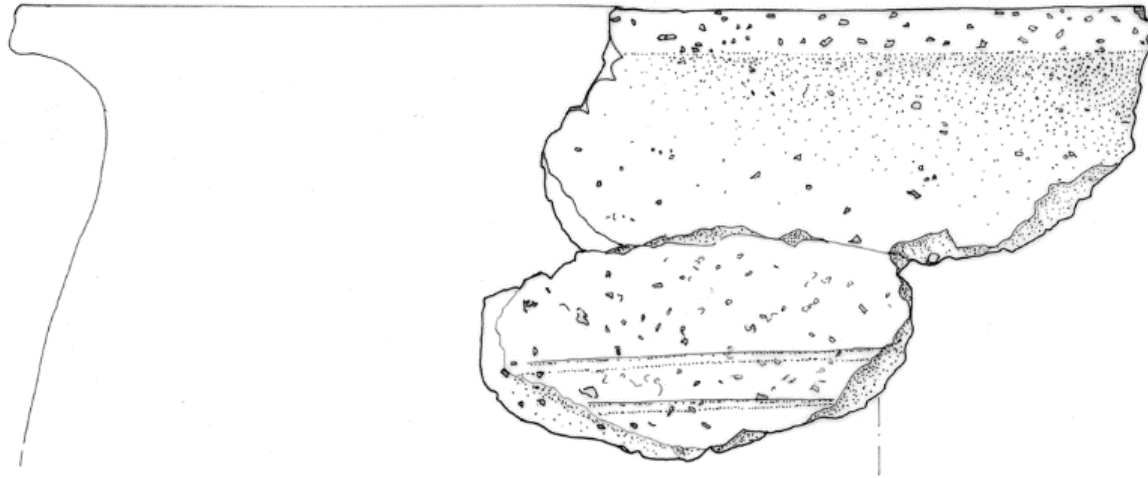
SU 121  
BP 1245±31 Online CalPal Cal AD **760±54**

SU 119  
BP 1248±32 Online CalPal Cal AD **756±53**



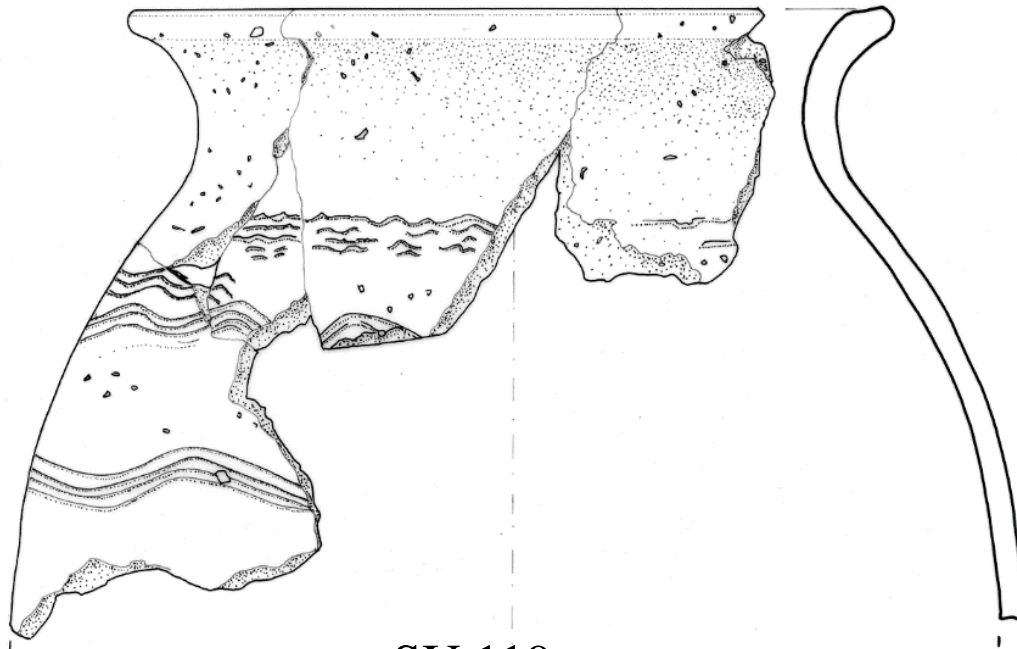


Hlebine – Velike Hlebine  
Sekelj Ivančan 2019.



SU 121

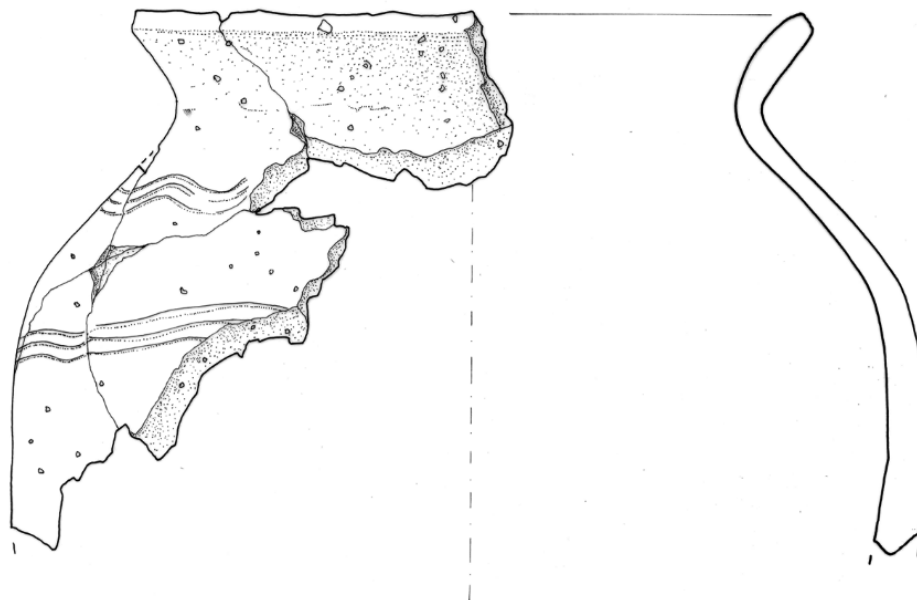
Periferous



SU 119

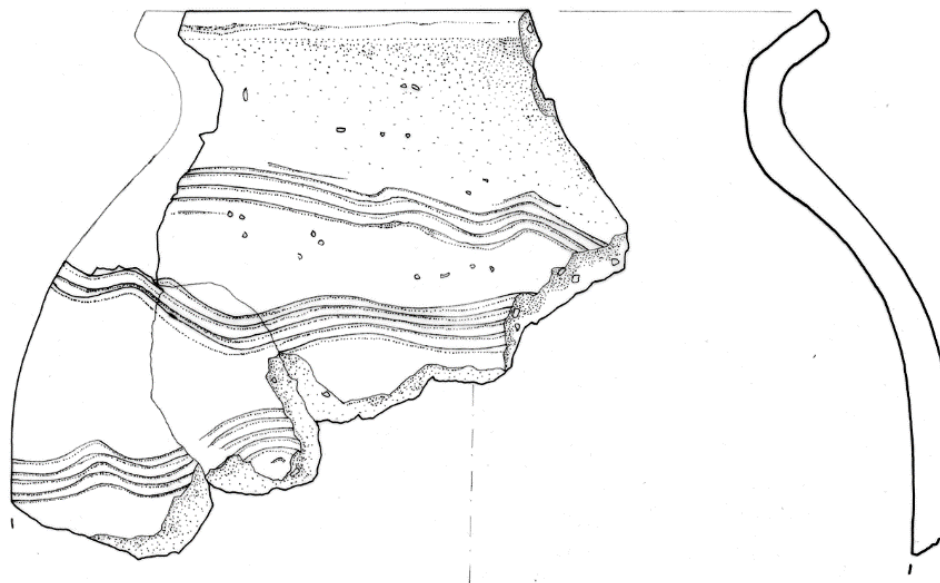
Clay + pebbles,  
rough  
structure,  
it drops off

Hlebine –  
Velike Hlebine  
Sekelj Ivančan 2019.



Periferous with small  
pebbles

SU 119



Clay + pebbles,  
rough  
structure,  
it drops off



Hlebine – Dedanovice



Hlebine – Velike Hlebine

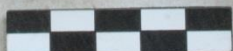




Hlebine – Dedanovice



Hlebine – Velike Hlebine





# Comparison - Conclusion

## Hlebine - Dedanovice

- Datation: middle of 7<sup>th</sup> century
- 2 types of facture: periferous, small pebbles
- Almost no decoration
- Simple edges (rounded, mildly cutted)
- Straight and slightly uplifted lower surfaces of bottoms, no production/potter marks

## Hlebine – Velike Hlebine

- Datation: middle of 8<sup>th</sup> century
- 4 types of facture: 1) periferous; 2)periferous with small pebbles; 3) clay + pebbles, rough structure; 4) clay + pebbles, smooth structure; periferous in decline
- Decoration present on all examples - same types of decor on different facture types of pottery
- Simple edges (rounded, cutted)
- Straight and slightly uplifted lower surfaces of bottoms, no production/potter marks

Thank you for your  
attention!