

## Chap. 15 Appendix: Operation C – summary totals and supplementary tables

### Summary totals:

	DEBRIS	BLANKS	CORE-CTE	TOOLS	TOTAL
<b>Surface</b>	2 / 28.6%	1 / 14.3%	0 / 0.0%	4 / 57.1%	7 / 100%
<b>Non-tomb Fills</b>	28 / 62.2%	8 / 17.8%	3 / 6.7%	6 / 13.3%	45 / 100%
<b>Tombs</b>	166 / 61.9%	72 / 26.9%	7 / 2.6%	23 / 8.6%	268 / 100%
<b>Looter's spoil</b>	36 / 61.0%	14 / 23.7%	1 / 1.7%	8 / 13.6%	59 / 100%
<b>TOTAL</b>	232 / 61.2%	95 / 25.1%	11 / 2.9%	41 / 10.8%	379 / 100%

UNIT	DE	BL	CO	TO	TOTAL
301 looter spoil	3 / 75.0%	1 / 25.0%			4 / 100%
302 looter spoil			1 / 100%		1 / 100%
303 looter spoil	2 / 50.0%	1 / 25.0%		1 / 25.0%	4 / 100%
304 looter spoil	4 / 36.4%	5 / 45.5%		2 / 18.2%	11 / 100.1%
308 looter spoil	13 / 68.4%	2 / 10.5%		4 / 21.1%	19 / 100%
313 looter spoil	5 / 83.3%			1 / 16.7%	6 / 100%
329 looter spoil	2 / 100%				2 / 100%
333 looter spoil	1 / 100%				1 / 100%
339 looter spoil		1 / 100%			1 / 100%
411 looter spoil	2 / 100%				2 / 100%
416 looter spoil	2 / 66.7%	1 / 33.3%			3 / 100%
418 looter spoil		1 / 100%			1 / 100%
422 Looter spoil	2 / 50.0%	2 / 50.0%			4 / 100%
<b>TOTAL</b>	36 / 61.0 %	14 / 23.7%	1 / 1.7%	8 / 13.6%	59 / 100.1%
UNIT	DE	BL	CO	TO	TOTAL
364	4 / 66.7%		1 / 16.7%	1 / 16.7%	6 / 100.1%
367	1 / 100%				1 / 100%
370	1 / 50.0%		1 / 50.0%		2 / 100%
371				1 / 100%	1 / 100%
373	1 / 100%				1 / 100%
378	6 / 100%				6 / 100%
381		1 / 50.0%		1 / 50.0%	2 / 100%
394				1 / 100%	1 / 100%
403		1 / 100%			1 / 100%
405	7 / 70.0%	2 / 20.0%		1 / 10.0%	10 / 100%
409	6 / 50.0%	4 / 33.3%	1 / 8.3%	1 / 8.3%	12 / 99.9%
411	2 / 100%				2 / 100%
<b>TOTAL</b>	28 / 62.2%	8 / 17.8%	3 / 6.7%	6 / 13.3%	45 / 100%

**Table 15.13: Lithic categories and degree of completeness.**

UNIT	DE	BL	CO	TO	TOTAL	UNIT	DE	BL	CO	TO	TOTAL
Tomb 101				1	1	Tomb 180		1			1
Tomb 107	1				1	Tomb 183				1	1
Tomb 109	1				1	Tomb 184		1			1
Tomb 110	1	3		1	5	Tomb 186	1				1
Tomb 111	2				2	Tomb 189				1	1
Tomb 112	1				1	Tomb 190	2	1		1	4
Tomb 114				1	1	Tomb 192		4		2	6
Tomb 115	2	2			4	Tomb 193	25	1			26
Tomb 116	1				1	Tomb 195	3	1			4
Tomb 120	1	1			2	Tomb 198	1				1
Tomb 123	1				1	Tomb 200	3	1			4
Tomb 125				1	1	Tomb 201	9	4		1	14
Tomb 129	2				2	Tomb 207	3			1	4
Tomb 130		1			1	Tomb 208	53	5			58
Tomb 132		2		1	3	Tomb 210	1	1			2
Tomb 141		1			1	Tomb 216	2	8			10
Tomb 151		2		1	3	Tomb 219		1			1
Tomb 155	2				2	Tomb 220		1			1
Tomb 158	2	1		1	4	Tomb 222	3	1	1		5
Tomb 159	3	1			4	Tomb 225		1			1
Tomb 161	1	1			2	Tomb 226	1	2			3
Tomb 162				1	1	Tomb 227	2				2
Tomb 164	1	2			3	Tomb 228	1	3	1		5
Tomb 165		1		1	2	Tomb 229	3	3	4	2	12
Tomb 168	21	4		1	26	Tomb 235	2	1		1	4
Tomb 172	5	8	1	2	16	Tomb 236		1			1
Tomb 178	3			1	4	TOTAL	115	42	6	10	173
TOTAL	51	30	1	13	95						

**Table 15.14: Relative blank types and tool blank types.**

UNIT	FLK	BLADE	B-LET	SPALL	CHIP	TOOL FLK	TOOL BLADE	TOOL B-LET	TOOL SPALL	TOOL OTHER
Tomb 101						1				
Tomb 110	1				2	1				
Tomb 114								1		
Tomb 115	2									
Tomb 120	1									
Tomb 125							1			
Tomb 130					1					
Tomb 132	1				1	1				
Tomb 141					1					
Tomb 151	1	1							1	
Tomb 158	1					1				
Tomb 159					1					
Tomb 161	1									
Tomb 162						1				
Tomb 164	2									
Tomb 165	1					1				
Tomb 168	2		1		1	1				
Tomb 172	2		1		5					
Tomb 178						1				
Tomb 180					1					
Tomb 183						1				
Tomb 184					1					
Tomb 189										1
Tomb 190					1		1			
Tomb 192	2					4				
Tomb 193					1					
Tomb 195	1		1		1					
Tomb 200			1							
Tomb 201	1				3	1				
Tomb 207										1
Tomb 208	3				2					
Tomb 210			1							
Tomb 216	5		1	1	1					
Tomb 219					1					
Tomb 220					1					
Tomb 222					1					
Tomb 225					1					
Tomb 226	1				1					
Tomb 228	1				1					
Tomb 229	1				2	2				
Tomb 235					1		1			
Tomb 236	1									
T-Tombs	31	1	6	1	32	16	3	1	1	2
Loot-spoil	6		1	2	5	6		1	1	
OpC-fills	2		1	1	4	4	2			

**Table 15.15: Numbers of flake and mixed blade/flake cores and core trimming elements.**

UNIT	FLAKE-CORE	MIXED CORE	C.T.E.	PLAT. REJUVE	CORE TABLET	CRESTED BLADE	CRESTED FLAKE	OVER-SHOT	ERROR FLAKE
Tomb 172		1							
Tomb 222	1								
Tomb 228	1								
Tomb 229	3		1	1					
Looter's spoil	1								
Non-tomb fills	1		2	2					

**Table 15.16: Core types (flake cores and mixed cores combined).**

UNIT	ALT	AMP	TES	CHA	COF	SIN	SPLINT	DISC	FRAG
Tomb 172				1					
Tomb 222									1
Tomb 228		1							
Tomb 229		1			1				1
Looter's spoil									1
Non-tomb fills									1

**Table 15.17: Raw material types.**

UNIT	MONI	LEFKARA-BASAL	TRANSLUCENT	LEFKARA-TRANSLUCENT	OTHER
Tombs	134 / 50.0%	44 / 16.4%	39 / 14.6%	7 / 2.6%	44 / 16.4%
Looter's spoil	21 / 35.6%	11 / 18.6%	13 / 22.0%	1 / 1.7%	13 / 22.0%
Non-tomb fills	19 / 42.2%	6 / 13.3%	6 / 13.3%	4 / 8.9%	10 / 22.2%
Surface	3 / 42.9%	0 / 0.0%	2 / 28.6%	2 / 28.6%	0 / 0.0%
TOTAL	177 / 46.7%	61 / 16.1%	60 / 15.8%	14 / 3.7%	67 / 17.7%

**Table 15.18: Artefact condition and debris types.**

UNIT	% HEATED/BURNED	% RE-USED	COMPLETE	BROKEN	BLANK FRAGS	CHUNKS	TOTAL
Tombs	2	4	171	97	98	68	268
Looter's spoil	0	0	39	20	19	17	59
Non-tomb fills	2	0	37	8	9	19	45
Surface	0	0	6	1	1	1	7

**Table 15.19: Butt types and dorsal scar patterns.**

UNIT	PLAIN BUTTS	FACETTED BUTTS	OTHER BUTTS	UNIDIRECTIONAL	CHANGE OF ORIENTATION	OTHER
Tombs	33	6	3	0	0	0
Looter's spoil	2	0	0	0	0	0
Non-tomb fills	7	1	0	0	0	0
Surface	1	0	1	2	2	0

**Table 15.20: Tool class percentages.**

CLASS	Tombs	Looter's spoil	Non-tomb fills	Surface	TOTAL
BAK	1 / 4.3%			1 / 25.0%	2 / 4.9%
BUR	2 / 8.7%	1 / 12.5%	2 / 33.3%	1 / 25.0%	6 / 14.6%
DEN	1 / 4.3%	1 / 12.5%	1 / 16.7%		3 / 7.3%
GLO	1 / 4.3%				1 / 2.4%
MUL	0 / 0.0%				0 / 0.0%
NOT	1 / 4.3%			1 / 25.0%	2 / 4.9%
PER	1 / 4.3%	2 / 25.0%	1 / 16.7%		4 / 9.8%
PIE	1 / 4.3%				1 / 2.4%
RET	3 / 13.0%	3 / 37.5%	1 / 16.7%	1 / 25.0%	8 / 19.5%
SCR	1 / 4.3%				1 / 2.4%
TRU	2 / 8.7%				2 / 4.9%
UTI	9 / 39.1%	1 / 12.5%	1 / 16.7%		11 / 26.8%
Total	23	8	6	4	41

**Summary remarks:**

Op. C at Souskiou *Laona* provides the most easily recognised primary deposition of chert objects, with 23 tools recovered in secure tomb contexts. Nearly 40% are unretouched utilised pieces, which along with the backed piece, glossed piece, retouched pieces and truncations represent tools with sharp lateral edges suitable for cutting (though use-wear analysis is required to substantiate this claim). The prevalence of cutting tools is in keeping with the evidence found at Souskiou *Vathykakas*, though only two examples F28 (Tomb 132.3) and F64 (Tomb 168.22) were of the same quality as the large thin utilised flakes from *Vathykakas* (see *Vathykakas*, 135, fig. 9.1; McCartney 2004, 133-139, fig. 9.1-2). Beyond these exceptional objects, other utilised tools were recovered in basal tomb fills and/or with intact burials in Tombs 101.1 (F 25), 151.3 (F 36) and 165.5 (F 53), along with a non-cortical flake without visible wear (F 139). The latter and a similar partly-cortical flake (F 136 from Tomb 236.2) were recovered near the head of each burial or in the bottom fill that contained the burial, and as such clearly belong to the burials themselves and not simply the result of tomb infilling. While the utilised

pieces exhibit light, more diffuse polish, tool F 23, which was found in the burial fill containing a partially intact burial in Tomb 125.2, exhibits a well-developed gloss. Given its context, however, this glossed tool is unlikely to have been produced for use as a 'sickle'.

The placement of singular chert tools with burials demonstrates that chert tools (particularly cutting tools) were a customary feature of funerary rites at the *Vathykakas* and *Laona* cemeteries. Similar finds in grave fills at Lemba *Lakkous* and Kissonerga *Mosphilia* show the regular need for sharp cutting tools in burial contexts, but only one grave (Gr. 523) at Kissonerga was recorded as having chert artefacts as specified grave goods. Contra to earlier reporting (McCartney 2004, 138), the combined evidence of the *Vathykakas* and *Laona* cemeteries suggest that chert tools, particularly large well-made flakes and blades represent deliberate grave goods. Given the combined evidence of the tomb finds, the overall skill shown by the *Laona* settlement assemblage and the exchange of large flakes, blades and tools with parallel characteristics suggests that they were produced by the same individual or small number of individuals. The disproportionate number of burials from the Souskiou cemeteries with these large flake or blade tools implies that they were deliberately made grave goods. Whether they were gifted to acknowledge a specialist 'knapper' status of the dead or were prized objects 'purchased' from them for the interment of others cannot be determined from current evidence.