

APPENDIX B
THE LITHIC ASSEMBLAGES

Table 5.1. Tshisiku Shelter: Masses of stone tool chips (in grams).

	SURF	SPIT 1	SPIT 2	SPIT 3	SPIT 4	SPIT 5	SPIT 6	SPIT 7	SPIT 8	SPIT 9	SPIT 10	SPIT 11	SPIT 12	SPIT 13	SPIT 14	TOTAL
Chips	41.0	215.3	319.3	421.8	312.2	433.3	664.7	817.2	658.9	622.2	411.4	354.2	194.7	107.5	50.1	5623.7
(Chips per bucket)	15.9	15.7	20.5	39.9	36.7	39.4	67.6	81.7	77.5	81.2	65.8	68.6	70.8	53.8	50.1	48.8

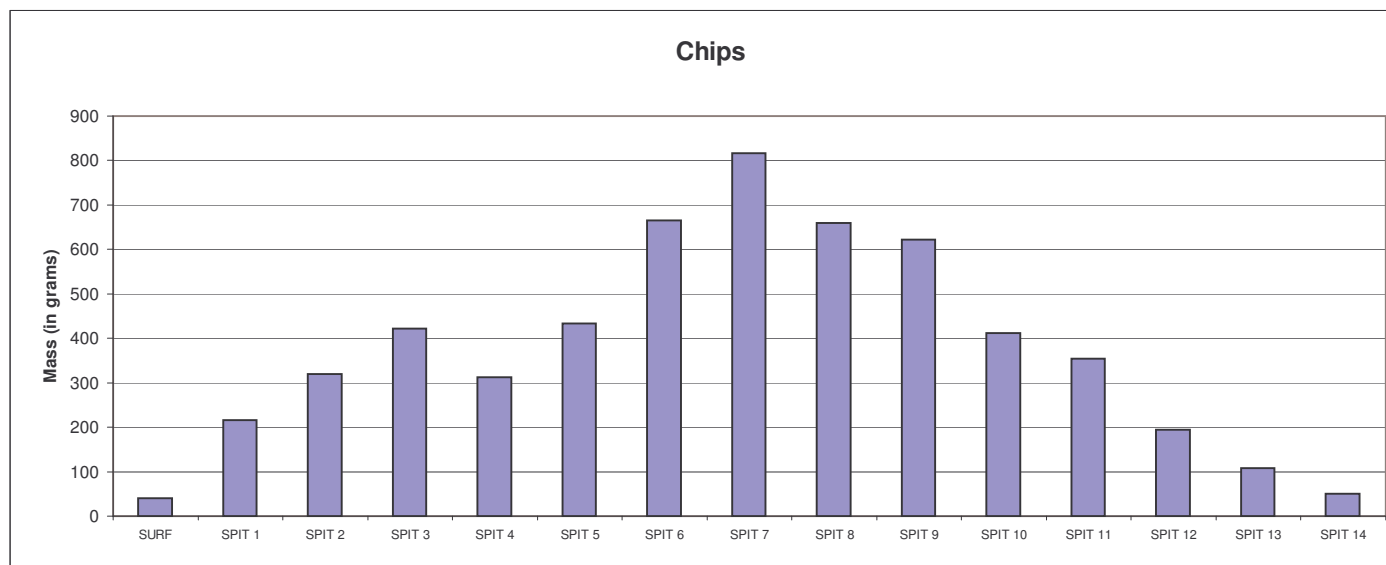


Figure 5.1. Tshisiku Shelter: Masses of stone tool chips (in grams).

Table 5.2a. Tshisiku Shelter: Frequencies of stone tools in the Total Assemblage.

ASSEMBLAGE GRAND TOTAL	SURFACE	SPIT 1	SPIT 2	SPIT 3	SPIT 4	SPIT 5	SPIT 6	SPIT 7	SPIT 8	SPIT 9	SPIT 10	SPIT 11	SPIT 12	SPIT 13	SPIT 14	TOTAL
Total frequency	57	156	810	1474	1260	2106	3629	5080	4162	2952	1689	1429	1023	458	143	26419

Table 5.2b. Tshisiku Shelter: Percentage of Total Assemblage.

% of Total Assemblage	
Informal	95.5%
Utilised	0.1%
Retouched / Backed (misc.)	0.2%
Formal	3.1%
Other	1.0%

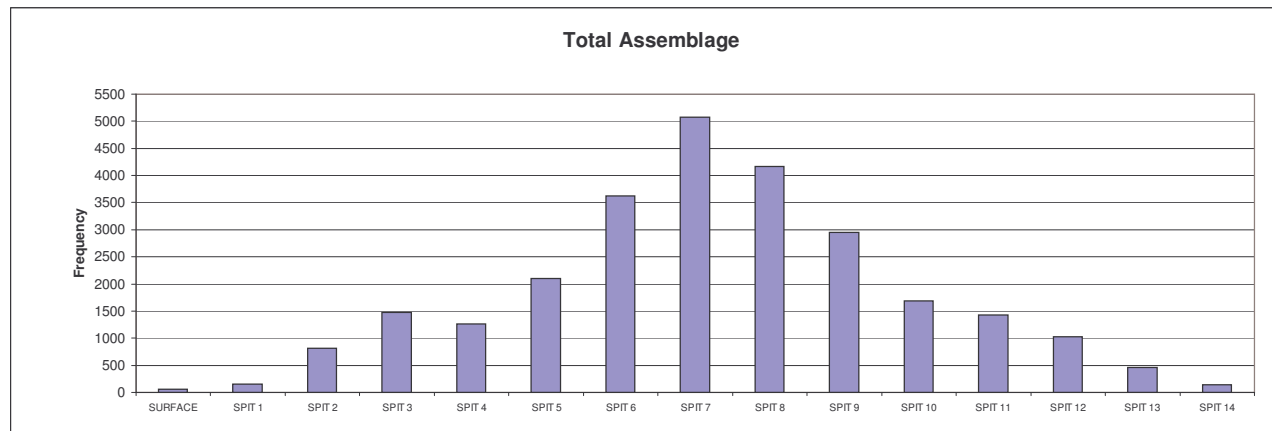


Figure 5.2. Tshisiku Shelter: Frequencies of stone tools present in the Total Assemblage.

Table 5.3. Tshisiku Shelter: Raw materials used in the Total Assemblage.

	SURF	SPIT 1	SPIT 2	SPIT 3	SPIT 4	SPIT 5	SPIT 6	SPIT 7	SPIT 8	SPIT 9	SPIT 10	SPIT 11	SPIT 12	SPIT 13	SPIT 14	TOTAL
Chert	20 35.7%	40 30.5%	307 38.6%	548 38.5%	569 46.5%	818 39.4%	934 25.9%	1475 29.3%	1668 40.2%	1292 43.9%	736 43.8%	512 36.4%	351 34.9%	139 30.4%	39 27.3%	9448 36.1%
Agate	9 16.1%	30 22.9%	110 13.8%	215 15.1%	155 12.7%	335 16.1%	809 22.4%	835 16.6%	421 10.1%	258 8.8%	155 9.2%	217 15.4%	135 13.4%	44 9.6%	14 9.8%	3742 14.3%
Quartz	5 8.9%	26 19.8%	158 19.9%	293 20.6%	230 18.8%	438 21.1%	821 22.8%	1342 26.6%	1004 24.2%	670 22.7%	379 22.6%	344 24.4%	241 23.9%	73 16.0%	23 16.1%	6047 23.1%
F-G Dolerite	19 33.9%	33 25.2%	192 24.2%	315 22.1%	226 18.5%	385 18.5%	805 22.3%	1073 21.3%	847 20.4%	531 18.0%	210 12.5%	178 12.7%	153 15.2%	136 29.8%	43 30.1%	5146 19.7%
F-G Quartzite	3 5.4%	2 1.5%	28 3.5%	53 3.7%	44 3.6%	102 4.9%	238 6.6%	316 6.3%	213 5.1%	195 6.6%	199 11.9%	156 11.1%	127 12.6%	65 14.2%	24 16.8%	1765 6.8%
TOTAL (Total per bucket)	56 21.7	131 9.5	795 51.0	1424 134.6	1224 144.0	2078 188.9	3607 366.8	5041 504.1	4153 488.6	2946 384.5	1679 268.5	1407 272.7	1007 366.2	457 228.5	143 143.0	26148

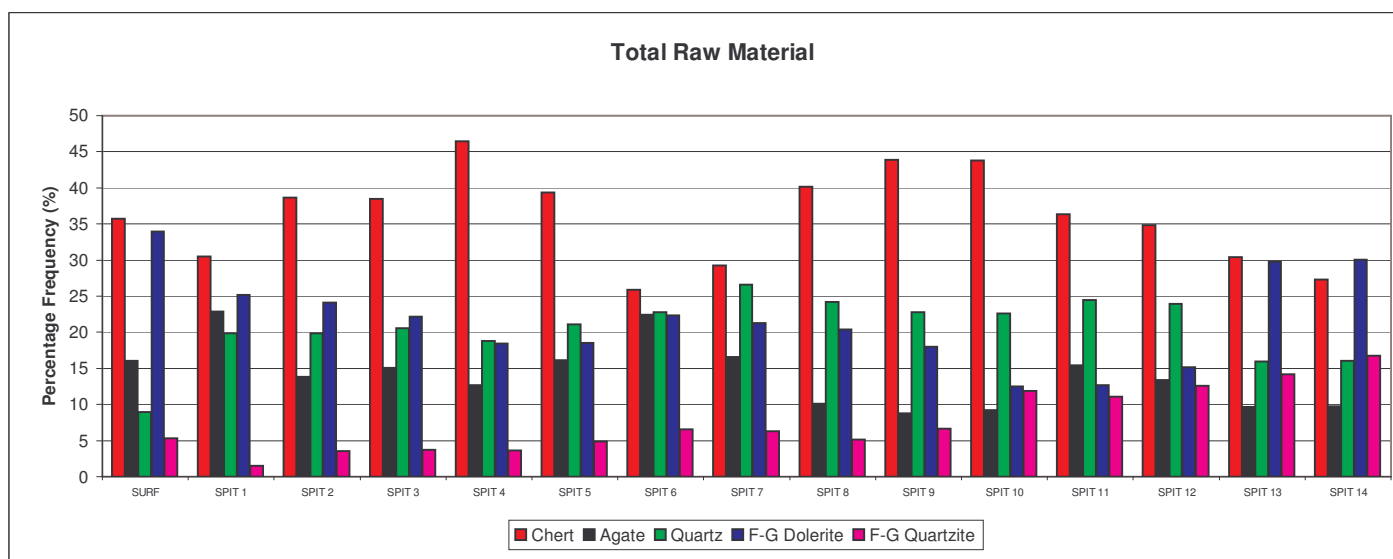


Figure 5.3. Tshisiku Shelter: Raw materials used in the Total Assemblage.

Table 5.4. Tshisiku Shelter: Informal stone tool inventory.

INFORMAL	SURFACE		SPIT 1		SPIT 2		SPIT 3		SPIT 4		SPIT 5		SPIT 6		SPIT 7		SPIT 8		SPIT 9		SPIT 10		SPIT 11		SPIT 12		SPIT 13		SPIT 14		TOTAL		
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%					
Chunks	16	28.6	32	26.2	202	26.3	372	27.3	328	28.0	573	28.7	661	19.2	972	20.0	770	19.2	517	18.1	410	25.1	334	24.5	208	21.2	101	22.5	26	18.6	5522		
Cortical chunks	8	14.3	4	3.3	44	5.7	115	8.4	119	10.1	146	7.3	185	5.4	203	4.2	129	3.2	115	4.0	64	3.9	69	5.1	49	5.0	18	4.0	3	2.1	1271		
Flakes	6	10.7	16	13.1	134	17.4	243	17.8	185	15.8	299	15.0	638	18.6	901	18.5	765	19.1	578	20.2	323	19.8	271	19.9	204	20.8	84	18.7	18	12.9	4665		
Cortical flakes	2	3.6		0.0	12	1.6	39	2.9	22	1.9	31	1.6	160	4.7	180	3.7	100	2.5	77	2.7	35	2.1	39	2.9	41	4.2	11	2.4	1	0.7	750		
Broken flakes																																	
Proximal	11	19.6	39	32.0	173	22.5	285	20.9	252	21.5	482	24.1	948	27.6	1322	27.2	1078	26.9	749	26.2	336	20.6	318	23.3	232	23.6	115	25.6	40	28.6	6380		
Medial		0.0	2	1.6	22	2.9	24	1.8	14	1.2	50	2.5	85	2.5	151	3.1	138	3.4	93	3.2	49	3.0	21	1.5	20	2.0	19	4.2	12	8.6	700		
Distal	6	10.7	7	5.7	57	7.4	99	7.3	88	7.5	145	7.3	308	9.0	483	9.9	457	11.4	348	12.2	181	11.1	125	9.2	96	9.8	40	8.9	18	12.9	2458		
Blades		0.0	1	0.8	7	0.9	11	0.8	2	0.2	13	0.7	17	0.5	43	0.9	36	0.9	26	0.9	13	0.8	11	0.8	4	0.4	3	0.7		0.0	187		
Broken blades		0.0		0.0	15	2.0	5	0.4	6	0.5	20	1.0	40	1.2	68	1.4	49	1.2	19	0.7	9	0.6	6	0.4	3	0.3	4	0.9		0.0	244		
Bladelets		0.0	6	4.9	32	4.2	42	3.1	26	2.2	57	2.9	91	2.6	157	3.2	148	3.7	119	4.2	58	3.6	61	4.5	41	4.2	13	2.9	6	4.3	857		
Broken bladelets	1	1.8	5	4.1	23	3.0	49	3.6	48	4.1	58	2.9	159	4.6	253	5.2	260	6.5	166	5.8	114	7.0	80	5.9	53	5.4	23	5.1	13	9.3	1305		
Irregular cores	3	5.4		0.0	1	0.1	4	0.3	6	0.5	5	0.3	15	0.4	6	0.1	4	0.1	7	0.2	2	0.1	1	0.1	3	0.3		0.0		0.0	57		
Bipolar cores	2	3.6	6	4.9	30	3.9	36	2.6	37	3.2	52	2.6	78	2.3	90	1.9	49	1.2	30	1.0	24	1.5	18	1.3	15	1.5	8	1.8	1	0.7	476		
Bipolar bladelet cores		0.0		0.0	2	0.3	1	0.1	1	0.1	1	0.1	1	0.03		0.0	1	0.02	1	0.03		0.0		0.0		0.0	2	0.4		0.0	10		
Bipolar "rice seed" cores		0.0	1	0.8	1	0.1	5	0.4	3	0.3	3	0.2	6	0.2	3	0.1	3	0.1	3	0.1	1	0.1	1	0.1	1	0.1	5	0.5	3	0.7	1	0.7	39
Battered pieces	1	1.8	3	2.5	13	1.7	28	2.1	25	2.1	46	2.3	36	1.0	16	0.3	6	0.1	12	0.4	7	0.4	3	0.2	6	0.6	3	0.7		0.0	205		
Split cobble cores		0.0		0.0		0.0		0.0	4	0.3	4	0.2	1	0.03	2	0.04	2	0.05		0.0		0.0		0.0		0.0		0.0		0.0	13		
Preliminary flaked nodules		0.0		0.0		0.0		0.0		0.0		0.0	1	0.03		0.0		0.0	1	0.03		0.0		0.0		0.0		0.0		0.0	2		
Split cobbles/pebbles		0.0		0.0		0.0	1	0.1	3	0.3	1	0.1	7	0.2	7	0.1	4	0.1	2	0.1	1	0.1	4	0.3	2	0.2		0.0		0.0	32		
Lozenge chunks		0.0		0.0	1	0.1	3	0.2	4	0.3	12	0.6	3	0.1	7	0.1	6	0.1	1	0.03	4	0.2	3	0.2	1	0.1	2	0.4	1	0.7	48		
Total frequency (Total per bucket)	56	100	122	100	769	100	1362	100	1173	100	1998	100	3439	100	4863	100	4005	100	2864	100	1631	100	1365	100	983	100	449	100	140	100	25219		
	21.7		8.9		49.4		128.7		138.0		181.6		349.9		486.4		471.2		373.9		261.0		264.5		357.5		224.5		140.0				

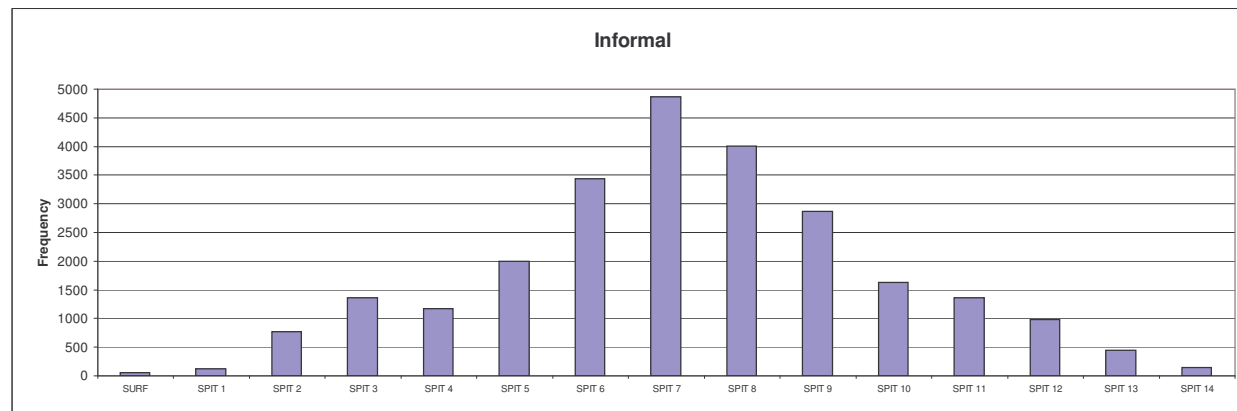


Figure 5.4. Tshisiku Shelter: Frequencies of Informal stone tools.

Table 5.5. Tshisiku Shelter: Raw materials used in Informal stone tools.

	SURF	SPIT 1	SPIT 2	SPIT 3	SPIT 4	SPIT 5	SPIT 6	SPIT 7	SPIT 8	SPIT 9	SPIT 10	SPIT 11	SPIT 12	SPIT 13	SPIT 14	TOTAL
Chert	20 35.7%	37 30.3%	291 37.8%	505 37.1%	537 45.8%	768 38.4%	864 25.1%	1386 28.5%	1572 39.3%	1252 43.7%	705 43.2%	492 36.0%	339 34.5%	135 30.1%	38 27.1%	8941 35.5%
Agate	9 16.1%	26 21.3%	104 13.5%	200 14.7%	146 12.4%	311 15.6%	739 21.5%	776 16.0%	397 9.9%	241 8.4%	147 9.0%	203 14.9%	126 12.8%	42 9.4%	13 9.3%	3480 13.8%
Quartz	5 8.9%	26 21.3%	157 20.4%	291 21.4%	222 18.9%	432 21.6%	805 23.4%	1321 27.2%	981 24.5%	653 22.8%	373 22.9%	341 25.0%	238 24.2%	72 16.0%	23 16.4%	5940 23.6%
F-G Dolerite	19 33.9%	31 25.4%	189 24.6%	313 23.0%	224 19.1%	385 19.3%	799 23.2%	1066 21.9%	842 21.0%	526 18.4%	207 12.7%	176 12.9%	153 15.6%	135 30.1%	42 30.0%	5107 20.3%
F-G Quartzite	3 5.4%	2 1.6%	28 3.6%	53 3.9%	44 3.8%	102 5.1%	232 6.7%	314 6.5%	213 5.3%	192 6.7%	199 12.2%	153 11.2%	127 12.9%	65 14.5%	24 17.1%	1751 6.9%
TOTAL (Total per bucket)	56 21.7	122 8.9	769 49.4	1362 128.7	1173 138.0	1998 181.6	3439 349.8	4863 486.3	4005 471.2	2864 373.8	1631 261.0	1365 264.5	983 357.5	449 224.5	140 140.0	25219

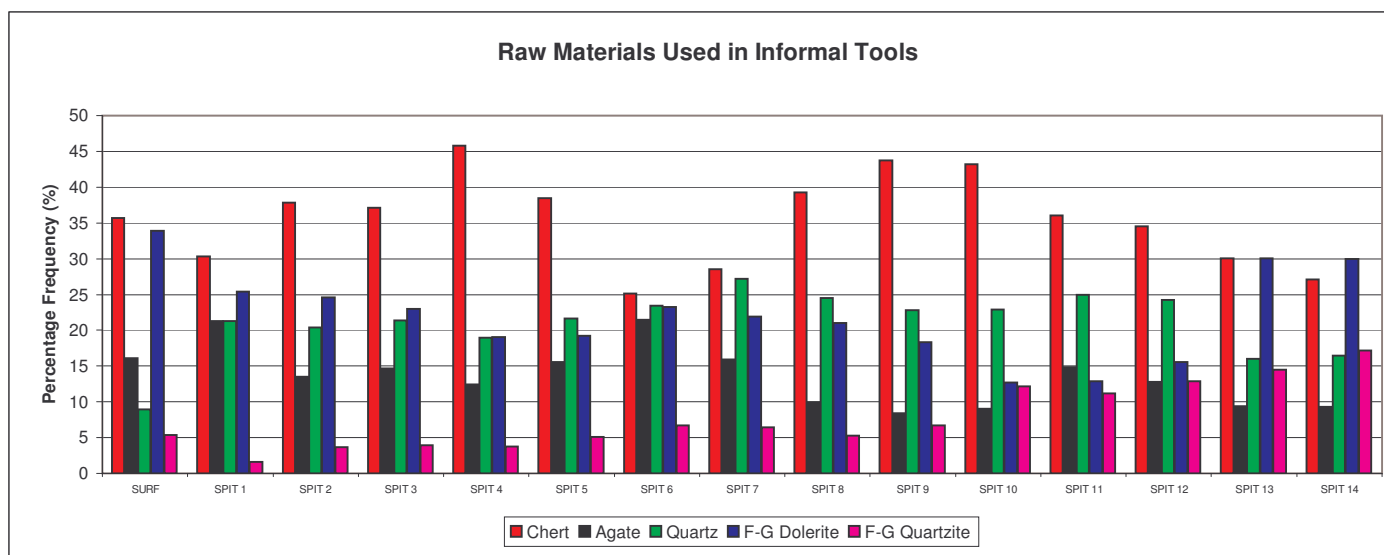


Figure 5.8. Tshisiku Shelter: Raw materials used in Informal stone tools.

Table 5.6. Tshisiku Shelter: Raw materials used in total chunks (cortical + non-cortical).

	SURF	SPIT 1	SPIT 2	SPIT 3	SPIT 4	SPIT 5	SPIT 6	SPIT 7	SPIT 8	SPIT 9	SPIT 10	SPIT 11	SPIT 12	SPIT 13	SPIT 14	TOTAL
Chert	7 28.0%	16 44.4%	105 42.7%	225 46.2%	265 59.3%	372 51.7%	292 34.5%	379 32.3%	389 43.3%	308 48.7%	232 48.9%	168 41.7%	107 41.6%	40 33.6%	11 39.3%	2916 42.9%
Agate	4 16.0%	3 8.3%	33 13.4%	66 13.6%	53 11.9%	100 13.9%	154 18.2%	136 11.6%	72 8.0%	31 4.9%	33 7.0%	48 11.9%	22 8.6%	8 6.7%	2 7.1%	765 11.3%
Quartz	3 12.0%	5 13.9%	50 20.3%	101 20.7%	64 14.3%	131 18.2%	175 20.7%	332 28.3%	238 26.5%	136 21.5%	109 23.0%	94 23.3%	62 24.1%	22 18.5%	4 14.3%	1526 22.5%
F-G Dolerite	9 36.0%	12 33.3%	50 20.3%	83 17.0%	54 12.1%	81 11.3%	162 19.1%	247 21.0%	155 17.2%	117 18.5%	49 10.3%	64 15.9%	49 19.1%	42 35.3%	10 35.7%	1184 17.4%
F-G Quartzite	2 8.0%	0 0.0%	8 3.3%	12 2.5%	11 2.5%	35 4.9%	63 7.4%	81 6.9%	45 5.0%	40 6.3%	51 10.8%	29 7.2%	17 6.6%	7 5.9%	1 3.6%	402 5.9%
TOTAL (Total per bucket)	25 9.7	36 2.6	246 15.8	487 46.0	447 52.6	719 65.4	846 86.1	1175 117.5	899 105.8	632 82.5	474 75.8	403 78.1	257 93.5	119 59.5	28 28.0	6793

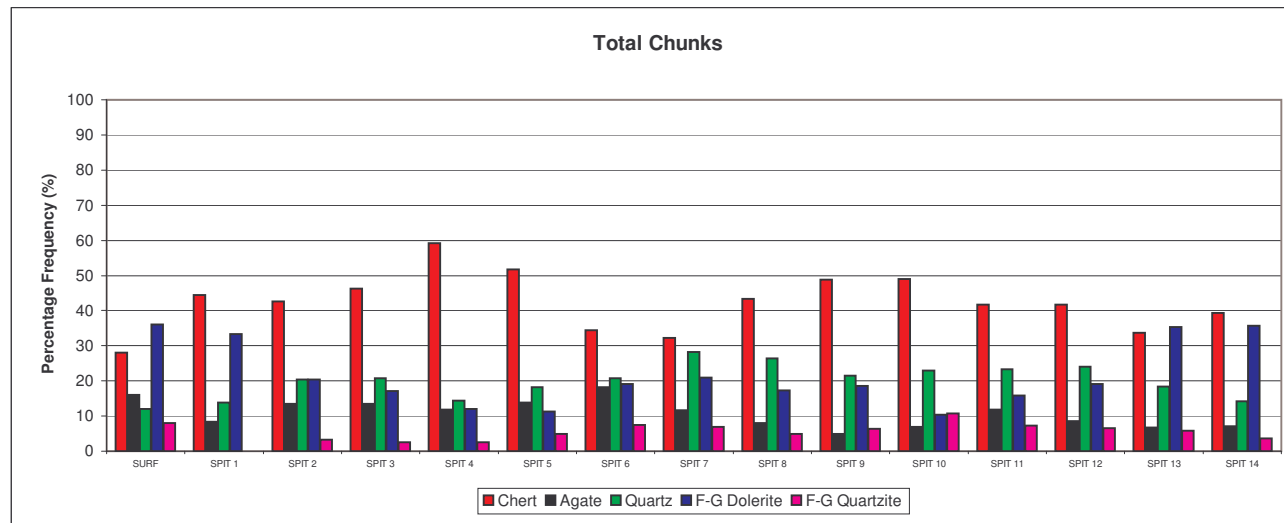


Figure 5.9. Tshisiku Shelter: Raw materials used in total chunks (cortical + non-cortical).

Table 5.7. Tshisiku Shelter: Raw materials used in total flakes (cortical + non-cortical).

	SURF	SPIT 1	SPIT 2	SPIT 3	SPIT 4	SPIT 5	SPIT 6	SPIT 7	SPIT 8	SPIT 9	SPIT 10	SPIT 11	SPIT 12	SPIT 13	SPIT 14	TOTAL
Chert	5 62.5%	6 37.5%	45 30.8%	91 32.3%	68 32.9%	97 29.4%	162 20.6%	275 25.7%	335 38.7%	294 44.9%	172 48.0%	115 37.1%	76 30.8%	37 38.9%	3 15.8%	1781 33.0%
Agate	1 12.5%	4 25.0%	16 11.0%	35 12.4%	26 12.6%	56 17.0%	171 21.8%	221 20.7%	86 9.9%	66 10.1%	29 8.1%	45 14.5%	46 18.6%	11 11.6%	1 5.3%	814 15.1%
Quartz	0 0.0%	3 18.8%	32 21.9%	55 19.5%	38 18.4%	70 21.2%	188 23.9%	289 27.0%	188 21.7%	138 21.1%	71 19.8%	83 26.8%	59 23.9%	9 9.5%	5 26.3%	1228 22.8%
F-G Dolerite	1 12.5%	2 12.5%	45 30.8%	87 30.9%	64 30.9%	91 27.6%	211 26.9%	205 19.2%	199 23.0%	115 17.6%	33 9.2%	26 8.4%	31 12.6%	21 22.1%	2 10.5%	1133 21.0%
F-G Quartzite	1 12.5%	1 6.3%	8 5.5%	14 5.0%	11 5.3%	16 4.8%	53 6.8%	79 7.4%	57 6.6%	42 6.4%	53 14.8%	41 13.2%	35 14.2%	17 17.9%	8 42.1%	436 8.1%
TOTAL	8	16	146	282	207	330	785	1069	865	655	358	310	247	95	19	5392
(Total per bucket)	3.1	1.2	9.4	26.7	24.4	30.0	79.9	106.9	101.8	85.5	57.3	60.1	89.8	47.5	19.0	

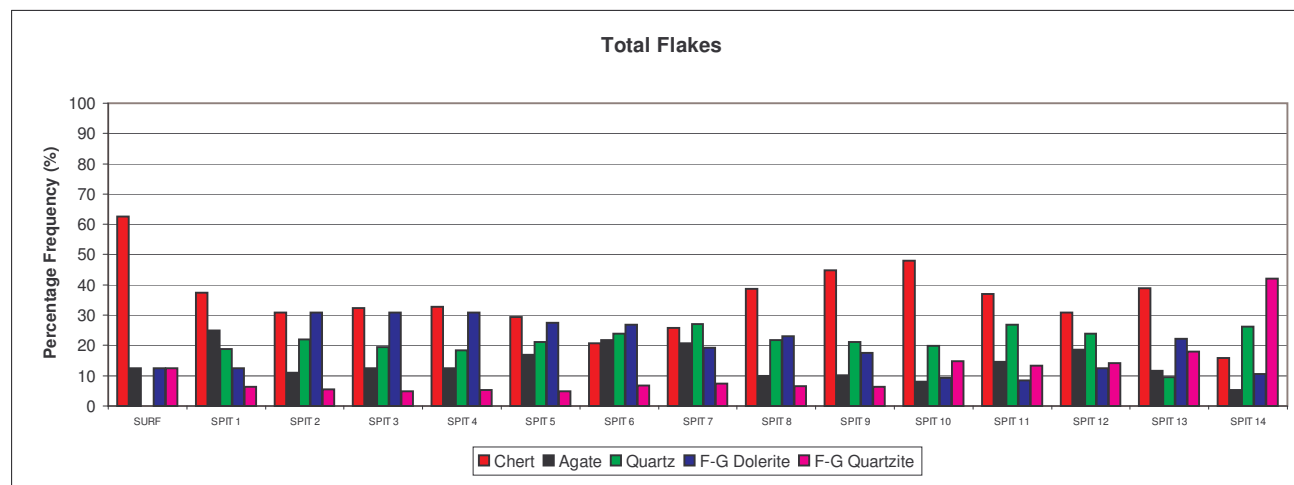


Figure 5.10. Tshisiku Shelter: Raw materials used in total flakes (cortical + non-cortical).

Table 5.8. Tshisiku Shelter: Raw materials used in total cores (including battered pieces).

	SURF	SPIT 1	SPIT 2	SPIT 3	SPIT 4	SPIT 5	SPIT 6	SPIT 7	SPIT 8	SPIT 9	SPIT 10	SPIT 11	SPIT 12	SPIT 13	SPIT 14	TOTAL
Chert	2 40.0%	4 57.1%	17 45.9%	21 45.7%	25 50.0%	22 33.8%	38 37.6%	24 23.8%	19 32.2%	25 61.0%	13 48.1%	7 35.0%	5 21.7%	5 38.5%	0.0%	227 38.0%
Agate	2 40.0%	1 14.3%	7 18.9%	6 13.0%	6 12.0%	19 29.2%	33 32.7%	23 22.8%	8 13.6%	4 9.8%	3 11.1%	3 15.0%	3 13.0%	4 30.8%	1 50.0%	123 20.6%
Quartz		2 28.6%	12 32.4%	15 32.6%	18 36.0%	22 33.8%	27 26.7%	50 49.5%	29 49.2%	11 26.8%	10 37.0%	10 50.0%	13 56.5%	3 23.1%	0.0%	222 37.2%
F-G Dolerite	1 20.0%	0.0%	1 2.7%	3 6.5%	0.0%	1 1.5%	0.0%	3 3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2 8.7%	0.0%	11 1.8%
F-G Quartzite		0.0%	0.0%	1 2.2%	1 2.0%	1 1.5%	3 3.0%	1 1.0%	3 5.1%	1 2.4%	1 3.7%	0.0%	0.0%	1 7.7%	1 50.0%	14 2.3%
TOTAL (Total per bucket)	5 1.9	7 0.5	37 2.4	46 4.3	50 5.9	65 5.9	101 10.3	101 10.1	59 6.9	41 5.4	27 4.3	20 3.9	23 8.4	13 6.5	2 2.0	597

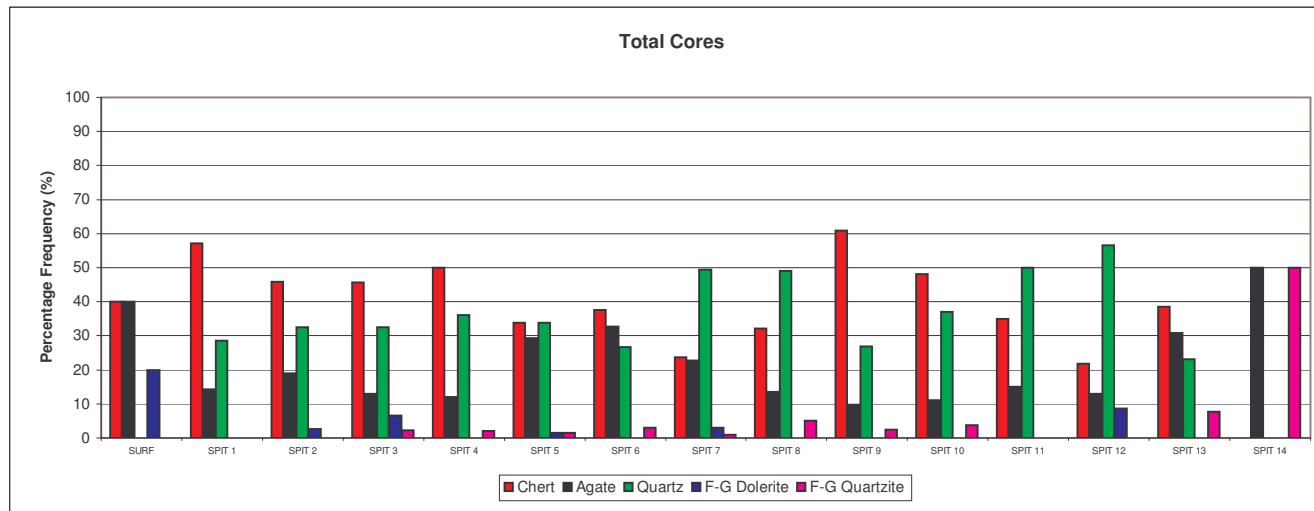


Figure 5.11. Tshisiku Shelter: Raw materials used in total cores (including battered pieces).

Table 5.9. Tshisiku Shelter: Utilised stone tool inventory.

UTILISED	SURFACE		SPIT 1		SPIT 2		SPIT 3		SPIT 4		SPIT 5		SPIT 6		SPIT 7		SPIT 8		SPIT 9		SPIT 10		SPIT 11		SPIT 12		SPIT 13		SPIT 14		TOTAL				
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%					
Flakes	0	0.0	0	0.0	0	0.0	1	25.0	1	100.0	1	100.0	6	66.7	0	0.0	1	33.3	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	11		
Broken flakes	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	12.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1		
Blades	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	12.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1		
Bladelets	0	0.0	0	0.0	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1		
Broken blades	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	12.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1		
Abraded chunks	0	0.0	0	0.0	3	75.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3		
Abraded flakes	0	0.0	0	0.0	1	25.0	2	50.0	0	0.0	0	0.0	2	22.2	4	50.0	1	33.3	3	75.0	1	100.0	2	100.0	0	0.0	1	100.0	0	0.0	0	0.0	17		
Abraded blades	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	11.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1		
Abraded backed bladelets	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	12.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1		
Abraded cores	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1		
Total frequency (Total per bucket)	0	0.0	0	0.0	4	100	4	100	1	100	1	100	9	100	8	100	3	100	4	100	1	100	2	100	0	0.0	0	0.0	1	100	0	0.0	0	0.0	38

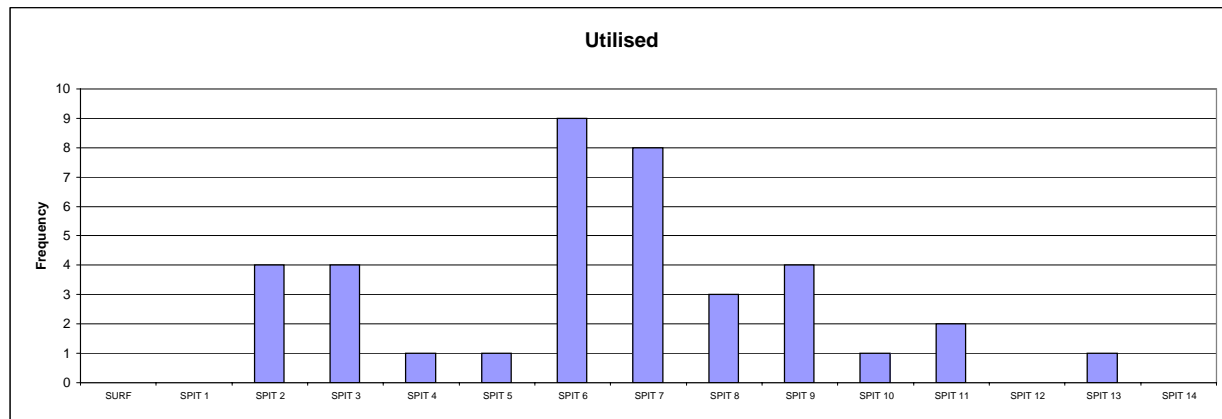


Figure 5.12. Tshisiku Shelter: Frequencies of Utilised stone tools.

Table 5.10. Tshisiku Shelter: Retouched / Backed (miscellaneous) stone tool inventory.

RETOUCHED/BACKED (misc.)	SURFACE		SPIT 1		SPIT 2		SPIT 3		SPIT 4		SPIT 5		SPIT 6		SPIT 7		SPIT 8		SPIT 9		SPIT 10		SPIT 11		SPIT 12		SPIT 13		SPIT 14		TOTAL
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%			
Retouched flake		0.0		0.0		0.0	2	66.7		0.0		0.0	1	16.7		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	3
Retouched bladelet		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	1	6.3		0.0		0.0		0.0		0.0		0.0		0.0	1
Miscellaneous retouch		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	1	20.0		0.0	1	100.0	1	100.0	3
Broken retouch		0.0		0.0	2	100.0	1	33.3	5	83.3	5	100.0	5	83.3	6	66.7	5	31.3		0.0		0.0		0.0		0.0		0.0		0.0	29
Broken backed		0.0	1	100.0		0.0		0.0	1	16.7		0.0		0.0	3	33.3	10	62.5	8	100.0	5	100.0	4	80.0	1	100.0		0.0		0.0	33
Total frequency (Total per bucket)	0	0	1	100	2	100	3	100	6	100	5	100	6	100	9	100	16	100	8	100	5	100	5	100	1	100	1	100	1	100	69
	0.0	0.0	0.1	0.1	0.1	0.1	0.3	0.7	0.5	0.6	0.9	0.9	1.9	1.0	0.8	1.0	0.8	1.0	0.4	0.5	0.5	0.4	0.5	0.5	1.0	1.0	1.0	1.0			

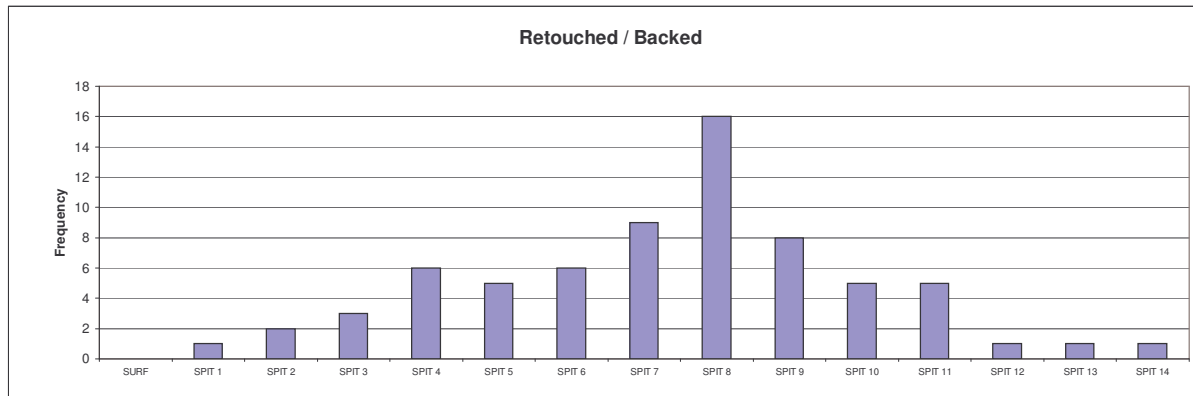


Figure 5.13. Tshisiku Shelter: Frequencies of broken / miscellaneous Retouched / Backed stone tools.

Table 5.11. Tshisiku Shelter: Raw materials used in Utilised stone tools.

	SURF	SPIT 1	SPIT 2	SPIT 3	SPIT 4	SPIT 5	SPIT 6	SPIT 7	SPIT 8	SPIT 9	SPIT 10	SPIT 11	SPIT 12	SPIT 13	SPIT 14	TOTAL
Chert	0.0%	0.0%	0.0%	1 25.0%	0.0%	1 100.0%	2 22.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4 10.5%
Agate	0.0%	0.0%	0.0%	1 25.0%	0.0%	0.0%	2 22.2%	1 12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4 10.5%
Quartz	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0 0.0%
F-G Dolerite	0.0%	0.0%	4 100.0%	2 50.0%	1 100.0%	0.0%	4 44.4%	7 87.5%	3 100.0%	4 100.0%	1 100.0%	2 100.0%	0.0%	1 100.0%	0.0%	29 76.3%
F-G Quartzite	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1 11.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1 2.6%
TOTAL (Total per bucket)	0 0.0	0 0.0	4 0.3	4 0.4	1 0.1	1 0.1	9 0.9	8 0.8	3 0.4	4 0.5	1 0.2	2 0.4	0 0.0	1 0.5	0 0.0	38

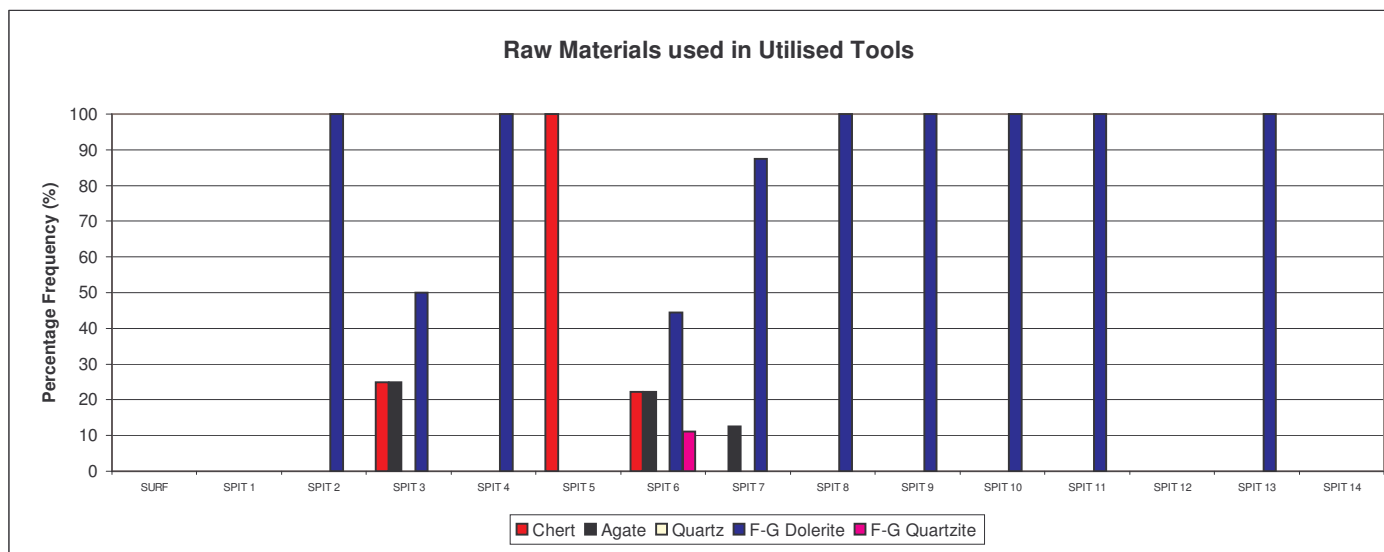


Figure 5.15. Tshisiku Shelter: Raw materials used in Utilised stone tools.

Table 5.12. Tshisiku Shelter: Raw materials used in broken / miscellaneous Retouched / Backed stone tools.

	SURF	SPIT 1	SPIT 2	SPIT 3	SPIT 4	SPIT 5	SPIT 6	SPIT 7	SPIT 8	SPIT 9	SPIT 10	SPIT 11	SPIT 12	SPIT 13	SPIT 14	TOTAL
Chert	0.0%	0.0%	1	3	4	3	5	7	12	3	2	2	1	1		44
Agate	0.0%	1	1	0.0%	0.0%	2	1	1	0.0%	1	0.0%	2	0.0%	0.0%	0.0%	9
Quartz	0.0%	100.0%	50.0%	0.0%	0.0%	40.0%	16.7%	11.1%	0.0%	12.5%	0.0%	40.0%	0.0%	0.0%	0.0%	15
F-G Dolerite	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1	1
F-G Quartzite	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	1
TOTAL (Total per bucket)	0 0.0	1 0.1	2 0.1	3 0.3	6 0.7	5 0.5	6 0.6	9 0.9	16 1.9	8 1.0	5 0.8	5 1.0	1 0.4	1 0.5	1 1.0	69

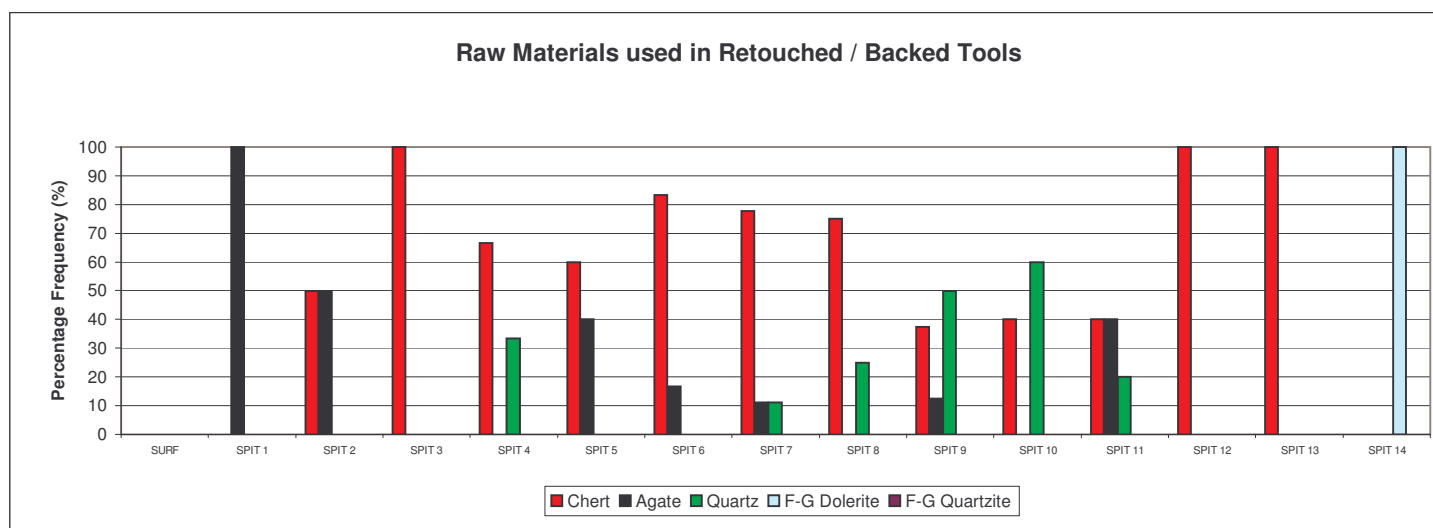


Figure 5.16. Tshisiku Shelter: Raw materials used in broken / miscellaneous Retouched / Backed stone tools.

Table 5.13. Tshisiku Shelter: Formal stone tool inventory.

FORMAL	SURFACE		SPIT 1		SPIT 2		SPIT 3		SPIT 4		SPIT 5		SPIT 6		SPIT 7		SPIT 8		SPIT 9		SPIT 10		SPIT 11		SPIT 12		SPIT 13		SPIT 14		TOTAL	
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%		
End scraper (small)	0.0		3	37.5	8	38.1	26	47.3	21	47.7	39	52.7	54	35.5	38	23.5	22	17.1	7	10.0	9	21.4	10	27.8	4	17.4	1	16.7	1	50.0	243	
End scraper (medium)	0.0		0.0		2	9.5	6	10.9	3	6.8	2	2.7	7	4.6	11	6.8	9	7.0	2	2.9	2	4.8	7	19.4		0.0		0.0		0.0	51	
End scraper (large)	0.0		0.0		0.0		0.0		0.0		1	1.4		0.0	1	0.6	1	0.8		0.0		0.0		0.0		0.0		0.0		0.0	3	
Side scraper (small)	0.0		1	12.5	1	4.8	3	5.5	3	6.8	2	2.7	8	5.3	5	3.1		0.0		0.0	1	2.4		0.0		0.0		0.0		0.0	24	
Side scraper (medium)	0.0		0.0		0.0		0.0		1	2.3		0.0	2	1.3		0.0		0.0		0.0		0.0		0.0	1	4.3	1	16.7		0.0	5	
End & side scraper (small)	0.0		0.0		1	4.8	5	9.1	2	4.5	1	1.4	8	5.3	10	6.2	2	1.6	3	4.3	1	2.4	3	8.3		0.0	1	16.7		0.0	37	
End & side scraper (medium)	0.0		0.0		0.0		1	1.8		0.0	1	1.4	2	1.3	1	0.6		0.0		0.0		0.0	2	5.6		0.0		0.0		0.0	7	
End & 2 sides scraper (small)	0.0		0.0		1	4.8	2	3.6		0.0	1	1.4	1	0.7	2	1.2	1	0.8		0.0		0.0		0.0		0.0		0.0		0.0	8	
End & 2 sides scraper (medium)	0.0		0.0		0.0		0.0		0.0	1	1.4		0.0	2	1.2	1	0.8	1	1.4		0.0	1	2.8	1	4.3		0.0		0.0		0.0	7
End & end scraper (small)	0.0		0.0		0.0		0.0		0.0		0.0	1	0.7	1	0.6		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	2
Side & side scraper (small)	0.0		0.0		0.0		0.0		0.0		0.0	1	0.7		0.0	1	0.8		0.0		0.0		0.0		0.0		0.0		0.0		0.0	2
All-round scraper (small)	0.0		0.0		0.0		0.0		0.0	2	2.7		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	2
Double-edged scraper (small)	0.0		0.0		0.0		0.0		0.0	1	1.4	2	1.3	2	1.2		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	5
Backed scraper (small)	0.0		0.0		0.0		0.0	1	2.3	2	2.7	2	1.3	2	1.2		0.0		0.0		0.0	1	2.4	1	2.8		0.0		0.0		0.0	9
Broken scrapers	0.0		1	12.5	1	4.8	1	1.8	2	4.5	4	5.4	16	10.5	7	4.3	3	2.3	2	2.9		0.0	1	2.8	3	13.0		0.0		0.0	41	
Segments	0.0		1	12.5		0.0	5	9.1	3	6.8	8	10.8	18	11.8	34	21.0	45	34.9	24	34.3	6	14.3	1	2.8	4	17.4	1	16.7		0.0	150	
Broken segments	0.0		0.0		1	4.8		0.0	2	4.5	2	2.7	2	1.3	6	3.7	1	0.8	3	4.3		0.0		0.0		0.0		0.0		0.0	17	
Backed blades	0.0		0.0		1	4.8		0.0		0.0		0.0		0.0		0.0	2	1.6	2	2.9		0.0		0.0		0.0		0.0		0.0	5	
Backed bladelets	0.0		0.0		3	14.3	3	5.5	4	9.1	5	6.8	13	8.6	20	12.3	22	17.1	14	20.0	3	7.1	3	8.3	3	13.0	2	33.3	1	50.0	96	
Broken backed bladelets	0.0		0.0		0.0		0.0		0.0		0.0	1	0.7	5	3.1	13	10.1	7	10.0	2	4.8	4	11.1		0.0		0.0		0.0		0.0	32
Broken backed blades	0.0		0.0		0.0		0.0		0.0		0.0	1	0.7	1	0.6		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	2
Backed flakes	0.0		0.0		2	9.5		0.0		0.0	1	1.4	4	2.6	7	4.3	2	1.6	3	4.3	5	11.9	1	2.8		0.0		0.0		0.0	25	
Awl	0.0		0.0		0.0		0.0		0.0	1	1.4	2	1.3	1	0.6	1	0.8	1	1.4		0.0		0.0		0.0		0.0		0.0		0.0	6
Borer	0.0		0.0		0.0		0.0		0.0		0.0	1	0.7	2	1.2		0.0	1	1.4	1	2.4		0.0		0.0		0.0		0.0		0.0	5
Adze	0.0		1	12.5		0.0		0.0	1	2.3		0.0	1	0.7		0.0		0.0		0.0	1	2.4		0.0	1	4.3		0.0		0.0	5	
Scraper-adze (small)	0.0		1	12.5		0.0	2	3.6		0.0		0.0	3	2.0	2	1.2	2	1.6		0.0	8	19.0	2	5.6	5	21.7		0.0		0.0	25	
Scraper-adze (medium)	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	1	2.4		0.0	1	4.3		0.0		0.0		0.0	2
Spokeshave	0.0		0.0		0.0	1	1.8		0.0		0.0	1	0.7		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	2
Plane	0.0		0.0		0.0		0.0	1	2.3		0.0	1	0.7		0.0	1	0.8		0.0		0.0		0.0		0.0		0.0		0.0		0.0	3
Broken plane	0.0		0.0		0.0		0.0		0.0		0.0		0.0	1	0.6		0.0		0.0		0.0	1	2.4		0.0		0.0		0.0		0.0	2
Anged point	0.0		0.0		0.0		0.0		0.0		0.0		0.0	1	0.6		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	1
Total frequency (Total per bucket)	0.0	0	8	100	21	100	55	100	44	100	74	100	152	100	162	100	129	100	70	100	42	100	36	100	23	100	6	100	2	100	824	
	0.0	0.6	0.6	1.3	1.3	5.2	5.2	5.2	6.7	6.7	6.7	6.7	15.5	15.5	16.2	16.2	15.2	15.2	9.1	9.1	6.7	6.7	7.0	7.0	8.4	8.4	3.0	3.0	2.0	2.0	100	

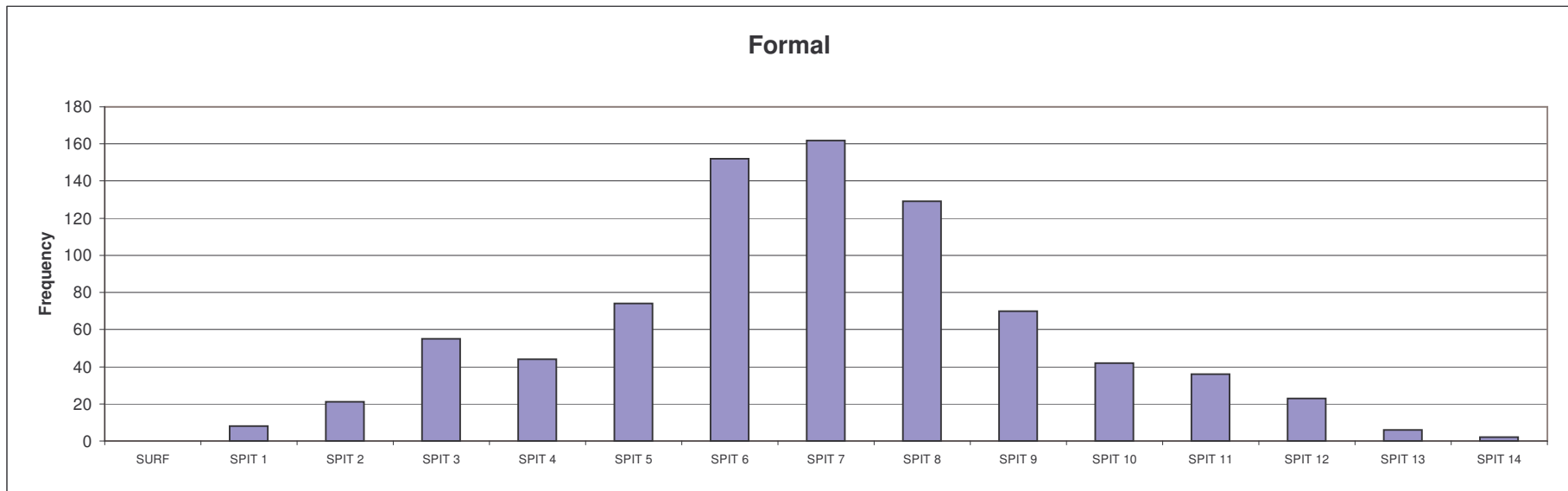


Figure 5.17. Tshisiku Shelter: Frequencies of Formal stone tools.

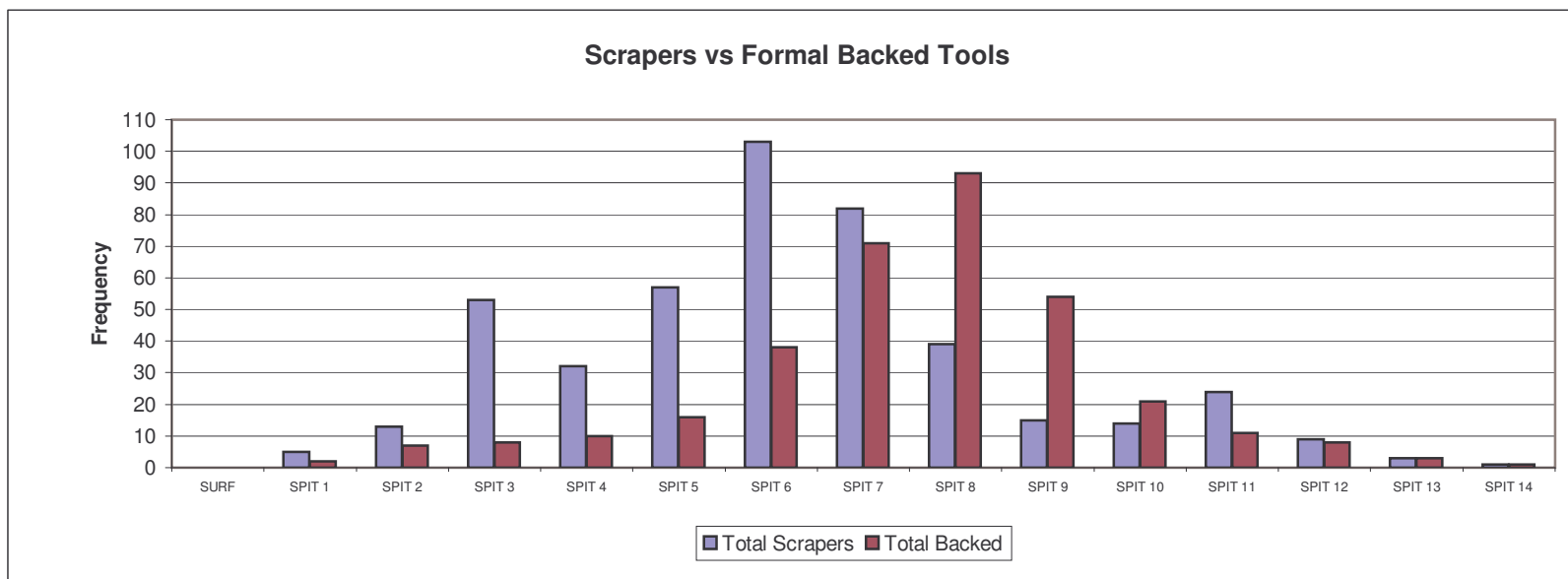


Figure 5.21. Tshisiku Shelter: Frequency of total scrapers versus frequency of total Formal backed tools.

Table 5.14. Tshisiku Shelter: Raw materials used in Formal stone tools.

	SURF	SPIT 1	SPIT 2	SPIT 3	SPIT 4	SPIT 5	SPIT 6	SPIT 7	SPIT 8	SPIT 9	SPIT 10	SPIT 11	SPIT 12	SPIT 13	SPIT 14	TOTAL
Chert	0.0%	3 37.5%	15 71.4%	39 70.9%	28 63.6%	46 62.2%	63 41.2%	82 50.9%	84 65.1%	37 52.9%	29 69.0%	18 50.0%	11 47.8%	3 50.0%	1 50.0%	459 55.7%
Agate	0.0%	4 50.0%	5 23.8%	14 25.5%	9 20.5%	23 31.1%	67 43.8%	57 35.4%	24 18.6%	16 22.9%	8 19.0%	12 33.3%	9 39.1%	2 33.3%	1 50.0%	251 30.5%
Quartz	0.0%	0.0%	1 4.8%	2 3.6%	6 13.6%	5 6.8%	16 10.5%	19 11.8%	19 14.7%	13 18.6%	3 7.1%	2 5.6%	3 13.0%	1 16.7%	0.0%	90 10.9%
F-G Dolerite	0.0%	1 12.5%	0.0%	0.0%	1 2.3%	0.0%	2 1.3%	1 0.6%	2 1.6%	1 1.4%	2 4.8%	0.0%	0.0%	0.0%	0.0%	10 1.2%
F-G Quartzite	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5 3.3%	2 1.2%	0.0%	3 4.3%	0.0%	4 11.1%	0.0%	0.0%	0.0%	14 1.7%
TOTAL (Total per bucket)	0 0.0	8 0.6	21 1.3	55 5.2	44 5.2	74 6.7	153 15.5	161 16.1	129 15.2	70 9.1	42 6.6	36 7.0	23 8.4	6 3.0	2 2.0	824

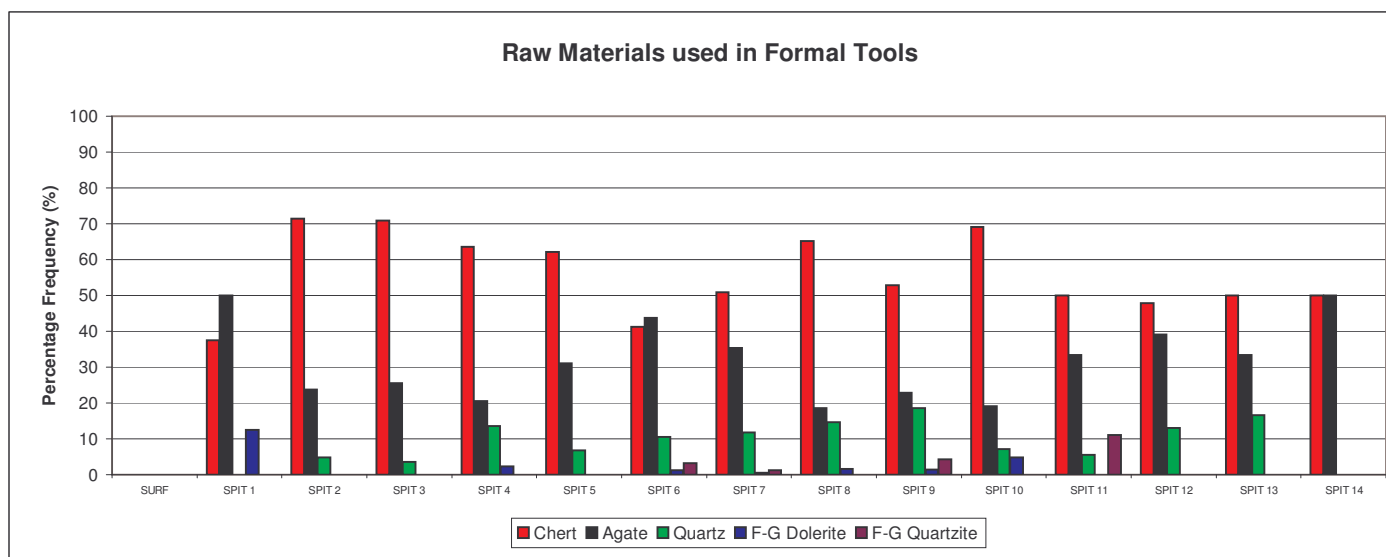


Figure 5.22. Tshisiku Shelter: Raw materials used in Formal stone tools

Table 5.15. Tshisiku Shelter: Raw materials used in total scrapers.

	SURF	SPIT 1	SPIT 2	SPIT 3	SPIT 4	SPIT 5	SPIT 6	SPIT 7	SPIT 8	SPIT 9	SPIT 10	SPIT 11	SPIT 12	SPIT 13	SPIT 14	TOTAL
Chert		2	11	41	23	38	51	36	22	9	10	12	5	1	1	262
	0.0%	40.0%	84.6%	77.4%	71.9%	66.7%	49.5%	43.9%	56.4%	60.0%	71.4%	50.0%	55.6%	33.3%	100.0%	58.2%
Agate		3	2	10	8	16	44	35	13	1	4	8	4	2		150
	0.0%	60.0%	15.4%	18.9%	25.0%	28.1%	42.7%	42.7%	33.3%	6.7%	28.6%	33.3%	44.4%	66.7%	0.0%	33.3%
Quartz				1	1	3	6	10	4	1		1				27
	0.0%	0.0%	0.0%	1.9%	3.1%	5.3%	5.8%	12.2%	10.3%	6.7%	0.0%	4.2%	0.0%	0.0%	0.0%	6.0%
F-G Dolerite				1				1		1						3
	0.0%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	1.2%	0.0%	6.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%
F-G Quartzite						2				3		3				8
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	0.0%	0.0%	20.0%	0.0%	12.5%	0.0%	0.0%	0.0%	1.8%
TOTAL (Total per bucket)	0	5	13	53	32	57	103	82	39	15	14	24	9	3	1	450
	0.0	0.4	0.8	5.0	3.8	5.2	10.5	8.2	4.6	2.0	2.2	4.7	3.3	1.5	1.0	

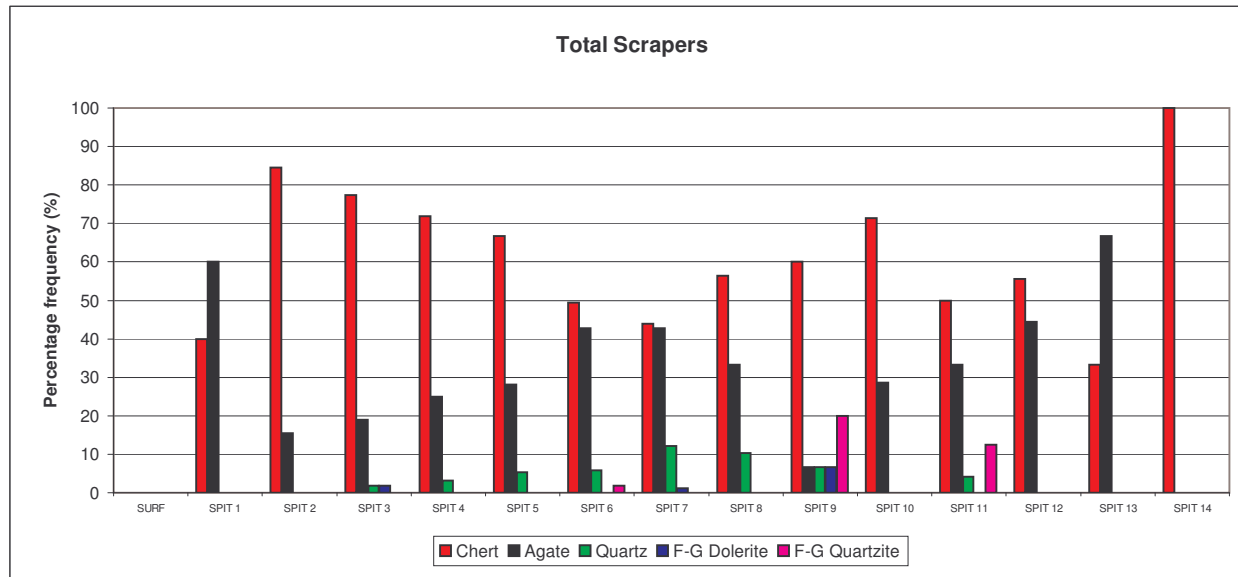


Figure 5.23. Tshisiku Shelter: Raw materials used in total scrapers (including broken scrapers).

Table 5.16. Tshisiku Shelter: Raw materials used in total Formal backed tools.

	SURF	SPIT 1	SPIT 2	SPIT 3	SPIT 4	SPIT 5	SPIT 6	SPIT 7	SPIT 8	SPIT 9	SPIT 10	SPIT 11	SPIT 12	SPIT 13	SPIT 14	TOTAL
Chert	0.0%	1 50.0%	4 57.1%	5 62.5%	4 40.0%	8 50.0%	10 26.3%	45 63.4%	68 73.1%	27 50.0%	13 61.9%	6 54.5%	5 62.5%	2 66.7%	0.0%	198 57.7%
Agate	0.0%	1 50.0%	2 28.6%	3 37.5%	1 10.0%	6 37.5%	19 50.0%	17 23.9%	10 10.8%	13 24.1%	2 9.5%	3 27.3%	0.0%	0.0%	1 100.0%	78 22.7%
Quartz	0.0%	0.0%	1 14.3%	0.0%	5 50.0%	2 12.5%	9 23.7%	7 9.9%	15 16.1%	14 25.9%	6 28.6%	2 18.2%	3 37.5%	1 33.3%	0.0%	65 19.0%
F-G Dolerite	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1 1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1 0.3%
F-G Quartzite	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1 1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1 0.3%
TOTAL (Total per bucket)	0 0.0	2 0.1	7 0.4	8 0.8	10 1.2	16 1.5	38 3.9	71 7.1	93 10.9	54 7.0	21 3.4	11 2.1	8 2.9	3 1.5	1 1.0	343

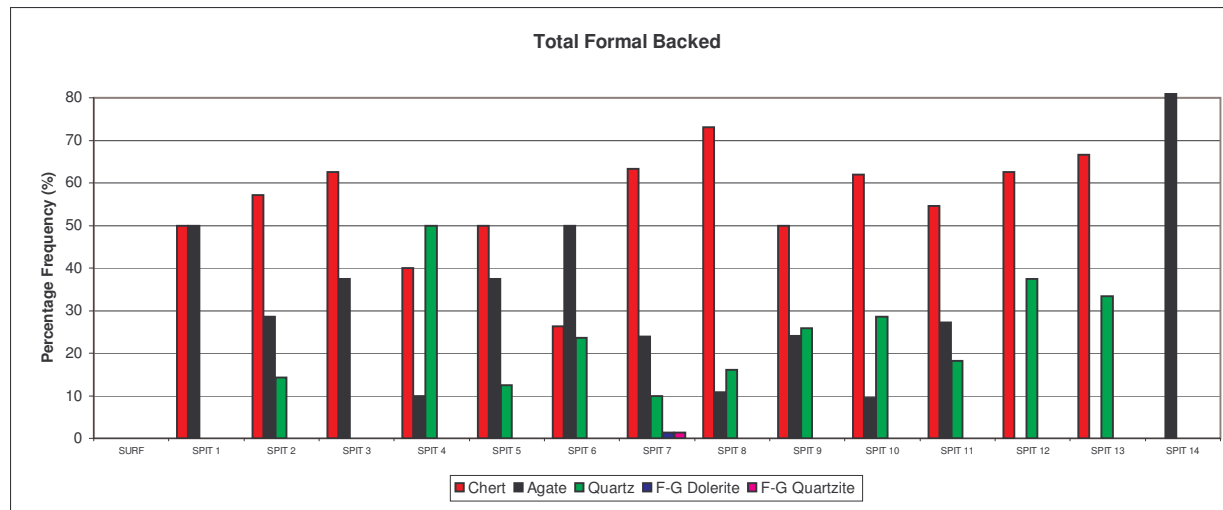


Figure 5.24. Tshisiku Shelter: Raw materials used in total Formal backed tools.

Table 5.17. Tshisiku Shelter: Raw materials used in total segments.

	SURF	SPIT 1	SPIT 2	SPIT 3	SPIT 4	SPIT 5	SPIT 6	SPIT 7	SPIT 8	SPIT 9	SPIT 10	SPIT 11	SPIT 12	SPIT 13	SPIT 14	TOTAL
Chert	0.0%	100.0%	0.0%	0.0%	20.0%	50.0%	26.3%	58.8%	67.4%	37.0%	66.7%	0.0%	50.0%	0.0%	0.0%	79
Agate	0.0%	0.0%	100.0%	100.0%	20.0%	30.0%	47.4%	29.4%	13.0%	37.0%	16.7%	100.0%	0.0%	0.0%	0.0%	44
Quartz	0.0%	0.0%	0.0%	0.0%	60.0%	20.0%	26.3%	11.8%	19.6%	25.9%	16.7%	0.0%	50.0%	100.0%	0.0%	34
F-G Dolerite	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0
F-G Quartzite	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0
TOTAL (Total per bucket)	0 0.0	1 0.1	1 0.1	2 0.2	5 0.6	10 0.9	19 1.9	34 3.4	46 5.4	27 3.5	6 1.0	1 0.2	4 1.5	1 0.5	0 0.0	157

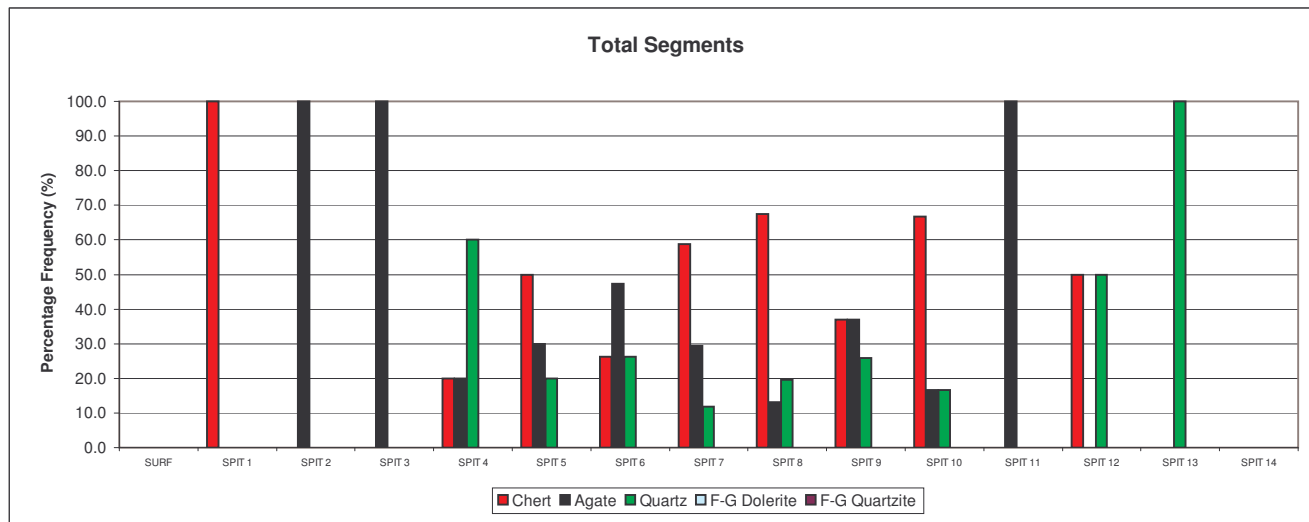


Figure 5.25. Tshisiku Shelter: Raw materials used in total segments (including broken segments).

Table 5.18. Tshisiku Shelter: 'Other' stone tool inventory.

OTHER	SURFACE		SPIT 1		SPIT 2		SPIT 3		SPIT 4		SPIT 5		SPIT 6		SPIT 7		SPIT 8		SPIT 9		SPIT 10		SPIT 11		SPIT 12		SPIT 13		SPIT 14		TOTAL
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	
Small pebbles (<10mm)		0.0	2	8.0		0.0	6	12.0	9	25.0	4	14.3	9	40.9	3	8.1	1	11.1		0.0	2	20.0	1	4.8	1	6.3		0.0		0.0	38
Unused nodules (>10mm)		0.0		0.0	1	7.1	3	6.0	1	2.8	3	10.7	2	9.1	2	5.4	2	22.2		0.0	1	10.0	2	9.5		0.0		0.0	0.0	17	
Coarse-grained dolerite chunks		0.0	13	52.0	4	28.6	8	16.0	14	38.9	4	14.3		0.0	4	10.8		0.0		0.0	10	47.6	13	81.3		0.0		0.0	70		
Rock crystal (<15mm)	1	100.0	9	36.0	9	64.3	30	60.0	9	25.0	16	57.1	6	27.3	26	70.3	6	66.7	4	66.7	6	60.0	2	9.5		0.0	1	100.0	0.0	125	
Broken anvil/grindstone		0.0		0.0		0.0	2	4.0	1	2.8		0.0		0.0	1	2.7		0.0		0.0		0.0		0.0		0.0		0.0	0.0	4	
Hammerstone		0.0		0.0		0.0		0.0		0.0		0.0	1	4.5		0.0		0.0		0.0		0.0	1	4.8		0.0		0.0	0.0	2	
Broken hammerstone		0.0		0.0		0.0		0.0	1	2.8		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	0.0	1	
Nutting / rubbing stone		0.0	1	4.0		0.0		0.0		0.0		0.0	1	4.5		0.0		0.0		0.0	1	10.0		0.0		0.0		0.0	0.0	3	
Broken nutting / rubbing stone		0.0		0.0		0.0	1	2.0		0.0		0.0	2	9.1	1	2.7		0.0		0.0		0.0		0.0		0.0		0.0	0.0	4	
Flake (from nutting stone)		0.0		0.0		0.0		0.0	1	2.8		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	0.0	1	
Quartz crystal		0.0		0.0		0.0		0.0		0.0	1	3.6	1	4.5		0.0		0.0	2	33.3		0.0	5	23.8	2	12.5		0.0	0.0	11	
Total frequency (Total per bucket)	1 0.4	100	25 1.8	100	14 0.9	100	50 4.7	100	36 4.2	100	28 2.5	100	22 2.2	100	37 3.7	100	9 1.1	100	6 0.8	100	10 1.6	100	21 4.1	100	16 5.8	100	1 0.5	100	0 0.0	100	276

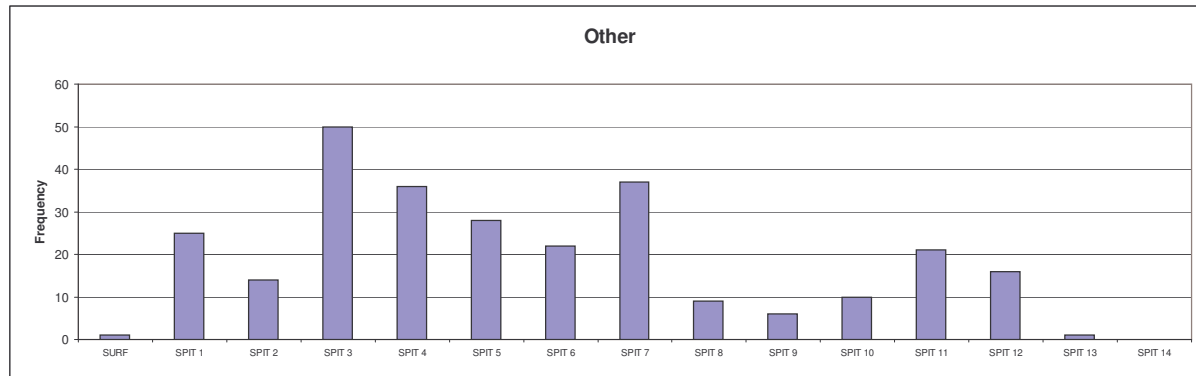


Figure 5.26. Tshisiku Shelter: Frequencies of 'Other' stone tools.

Table 5.19. Balerno Main Shelter: Masses of stone tool chips (in grams).

	Surf	DC	Cons. Surf	GB Ash	Rocky Cnr	Damp BD	BOD	BRA	BRA 45-50	BRA 50-55	LB (O13)	BRA 55-60	DBG 55-60	DBG 60-65	DBG 65-70	DBG 70-75	DBG 75+	TOTAL
Chips	21.1	9.1	26.3	131.0	42.0	73.5	456.1	2092.2	1580.8	1958.2	246.1	916.4	623.6	1434.5	706.6	647.6	100.0	11065.0
(Chips per bucket)	8.4	0.4	5.3	43.7	42.0	21.0	17.5	59.6	89.5	71.8	82.0	67.7	75.6	73.5	66.3	199.3	151.5	

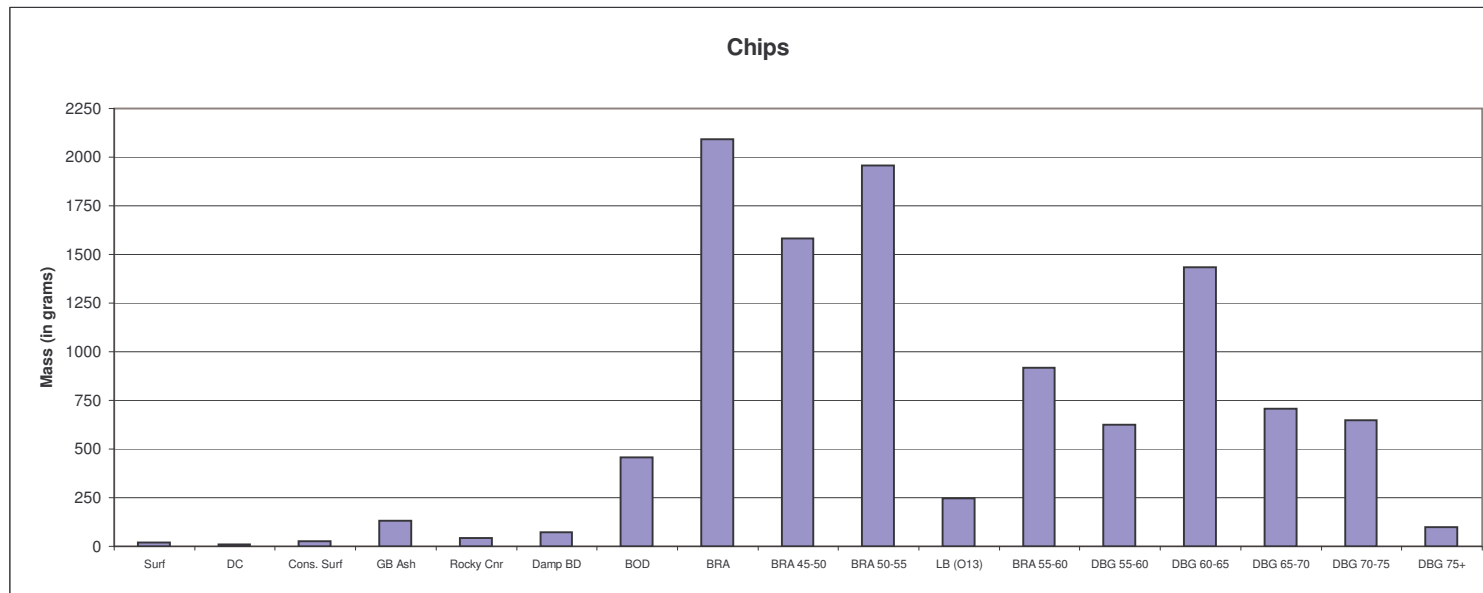


Figure 5.27. Balerno Main Shelter: Masses of stone tool chips (in grams).

Table 5.20a. Balerno Main Shelter: Frequencies of stone tools in the Total Assemblage

Assemblage Grand Total	Surface	DC	Cons. Surf	GB Ash	Rocky Cnr	Damp BD	BOD	BRA	BRA 45-50	BRA 50-55	LB (O13)	BRA 55-60	DBG 55-60	DBG 60-65	DBG 65-70	DBG 70-75	DBG 75+	TOTAL
Total frequency	98	26	25	61	47	92	1655	7575	3400	6043	494	3953	1911	4589	2430	2105	377	34881

isiku Shelter: Percentage of the Total Assemblage.

% of Total Assemblage	
Informal	94.1%
Utilised	0.2%
Retouched / Backed (misc)	0.5%
Formal	3.7%
Other	1.5%

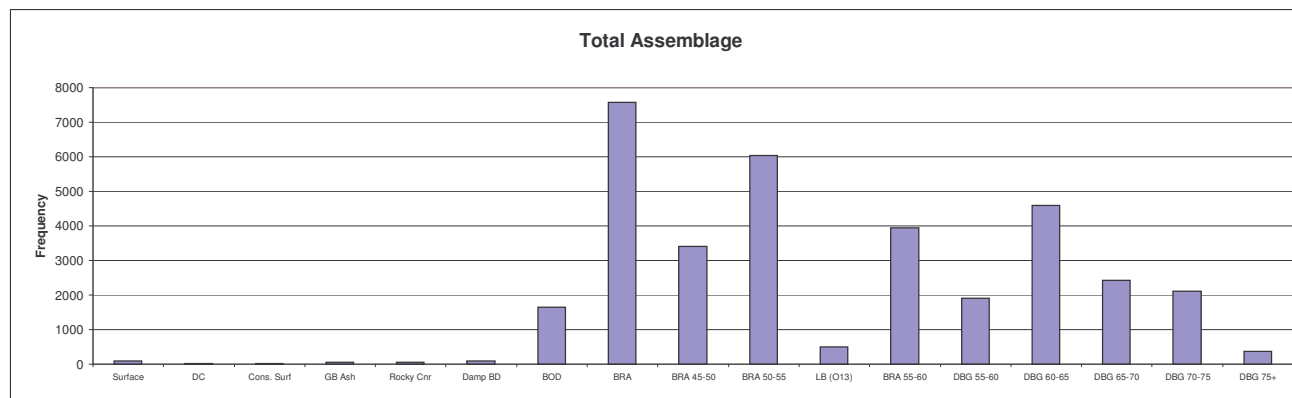


Figure 5.28. Balerno Main Shelter: Frequencies of stone tools in the Total Assemblage.

Table 5.21. Balerno Main Shelter: Raw materials used in the Total Assemblage.

	Surf	DC	Cons. Surf	GB Ash	Rocky Cnr	Damp BD	BOD	BRA	BRA 45-50	BRA 50-55	LB (O13)	BRA 55-60	DBG 55-60	DBG 60-65	DBG 65-70	DBG 70-75	DBG 75+	TOTAL
Chert	50 51.0%	11 45.8%	16 69.6%	39 63.9%	26 55.3%	49 55.1%	856 52.3%	3761 50.4%	1535 46.0%	2996 50.5%	230 48.0%	1999 51.0%	1064 56.4%	2248 50.0%	1131 47.0%	779 37.3%	125 33.8%	16915 49.2%
Agate	15 15.3%	2 8.3%	1 4.3%	7 11.5%	6 12.8%	6 6.7%	203 12.4%	994 13.3%	456 13.7%	779 13.1%	83 17.3%	488 12.5%	164 8.7%	810 18.0%	440 18.3%	360 17.2%	96 25.9%	4910 14.3%
Quartz	19 19.4%	5 20.8%	2 8.7%	7 11.5%	6 12.8%	12 13.5%	274 16.7%	1282 17.2%	586 17.6%	987 16.6%	73 15.2%	612 15.6%	269 14.3%	572 12.7%	381 15.8%	448 21.5%	73 19.7%	5608 16.3%
F-G Dolerite	11 11.2%	5 20.8%	2 8.7%	5 8.2%	7 14.9%	18 20.2%	253 15.4%	1093 14.6%	594 17.8%	902 15.2%	74 15.4%	654 16.7%	311 16.5%	635 14.1%	318 13.2%	347 16.6%	54 14.6%	5283 15.4%
F-G Quartzite	3 3.1%	1 4.2%	2 8.7%	3 4.9%	2 4.3%	4 4.5%	52 3.2%	339 4.5%	165 4.9%	268 4.5%	19 4.0%	163 4.2%	78 4.1%	230 5.1%	136 5.7%	154 7.4%	22 5.9%	1641 4.8%
TOTAL (Total per bucket)	98 39.2	24 1.1	23 4.6	61 20.3	47 47.0	89 25.4	1638 63.0	7469 212.7	3336 188.9	5932 217.4	479 159.7	3916 289.4	1886 229.1	4495 230.3	2406 225.7	2088 642.5	370 560.6	34357

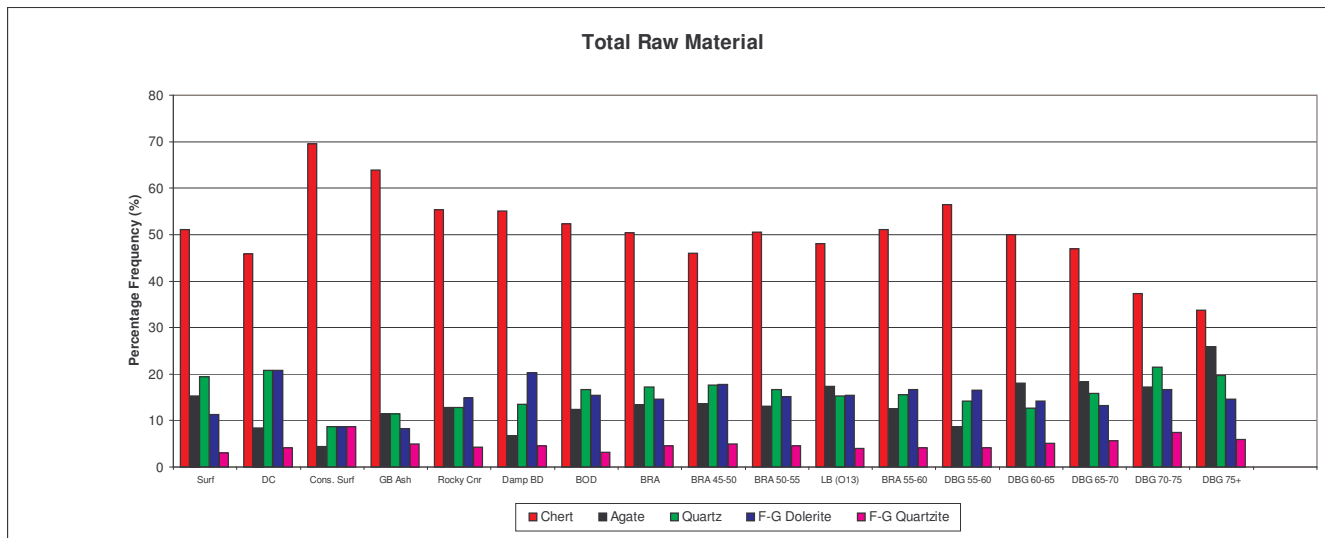


Figure 5.29. Balerno Main Shelter: Raw materials used in the Total Assemblage.

Table 5.22. Balerno Main Shelter: Informal stone tool inventory.

INFORMAL	Surface		DC		Cons. Surf		GB Ash		Rocky Cnr		Damp BD		BOD		BRA		BRA 45-50		BRA 50-55		LB (O13)		BRA 55-60		DBG 55-60		DBG 60-65		DBG 65-70		DBG 70-75		DBG 75+		TOTAL	
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%		
Chunks	18	20.5	1	4.2	7	31.8	8	14.3	16	36.4	22	25.9	520	33.2	2142	29.8	1043	32.5	1814	31.9	140	30.7	1159	30.9	547	30.7	1349	31.7	651	28.3	466	23.6	65	18.3	9968	
Cortical chunks	6	6.8	3	12.5		0.0	4	7.1	1	2.3	12	14.1	153	9.8	752	10.5	299	9.3	604	10.6	43	9.4	390	10.4	153	8.6	418	9.8	239	10.4	174	8.8	38	10.7	3289	
Flakes	13	14.8	1	4.2	1	4.5	7	12.5	6	13.6	6	7.1	203	12.9	975	13.6	437	13.6	749	13.2	58	12.7	495	13.2	237	13.3	653	15.4	384	16.7	352	17.8	62	17.5	4639	
Cortical flakes	4	4.5		0.0		0.0	1	1.8	1	2.3	1	1.2	21	1.3	136	1.9	56	1.7	100	1.8	12	2.6	74	2.0	28	1.6	76	1.8	51	2.2	46	2.3	10	2.8	617	
Broken flakes																																				
Proximal	23	26.1	9	37.5	2	9.1	12	21.4	12	27.3	25	29.4	312	19.9	1501	20.9	629	19.6	1148	20.2	101	22.1	825	22.0	419	23.6	817	19.2	462	20.1	492	24.9	90	25.4	6879	
Medial	3	3.4	1	4.2		0.0	5	8.9	3	6.8	2	2.4	56	3.6	280	3.9	101	3.1	208	3.7	12	2.6	158	4.2	63	3.5	137	3.2	86	3.7	71	3.6	21	5.9	1207	
Distal	6	6.8	4	16.7	5	22.7	4	7.1	3	6.8	14	16.5	121	7.7	552	7.7	288	9.0	453	8.0	38	8.3	267	7.1	143	8.0	332	7.8	174	7.6	165	8.3	31	8.7	2600	
Blades		0.0		0.0		0.0		0.0		0.0		0.0	7	0.4	22	0.3	6	0.2	10	0.2	1	0.2	5	0.1	5	0.3	10	0.2	6	0.3	4	0.2	1	0.3	77	
Broken blades		0.0		0.0		0.0	1	1.8		0.0		0.0	2	0.1	20	0.3	3	0.1	5	0.1	1	0.2	9	0.2	2	0.1	6	0.1	7	0.3	7	0.4	2	0.6	65	
Bladelets	4	4.5	3	12.5		0.0	5	8.9	1	2.3		0.0	44	2.8	156	2.2	68	2.1	139	2.4	9	2.0	66	1.8	48	2.7	111	2.6	65	2.8	52	2.6	3	0.8	774	
Broken bladelets	2	2.3	1	4.2	5	22.7	7	12.5	1	2.3	3	3.5	61	3.9	314	4.4	145	4.5	242	4.3	17	3.7	153	4.1	58	3.3	149	3.5	102	4.4	78	3.9	23	6.5	1361	
Irregular cores		0.0		0.0		0.0		0.0		0.0		0.0	3	0.2	11	0.2	4	0.1	6	0.1	1	0.2	1	0.0	1	0.1	12	0.3	2	0.1	5	0.3	0.0	0.0	46	
Bipolar cores	7	8.0		0.0	1	4.5	2	3.6		0.0		0.0	37	2.4	207	2.9	65	2.0	110	1.9	11	2.4	81	2.2	38	2.1	101	2.4	37	1.6	36	1.8	9	2.5	742	
Bipolar bladelet cores	1	1.1		0.0		0.0		0.0		0.0		0.0	2	0.1	9	0.1	5	0.2	7	0.1	1	0.2	7	0.2	4	0.2	7	0.2	2	0.1		0.0	0.0	45		
Bipolar "rice seed" cores		0.0		0.0		0.0		0.0		0.0		0.0	2	0.1	20	0.3	5	0.2	16	0.3	1	0.2	20	0.5	5	0.3	5	0.1	2	0.1	5	0.3	0.0	0.0	81	
Battered pieces	1	1.1	1	4.2		0.0		0.0		0.0		0.0	20	1.3	70	1.0	41	1.3	59	1.0	8	1.8	37	1.0	23	1.3	66	1.6	24	1.0	19	1.0	0.0	0.0	369	
Split cobble cores		0.0		0.0		0.0		0.0		0.0		0.0	2	0.1	3	0.04	2	0.1	5	0.1		0.0	1	0.03	3	0.2	1	0.02	0.0	0.0	2	0.1	0.0	0.0	19	
Opposed platform cores		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0				0.0		0.0		0.0		0.0	1	0.0	0.0	0.0	0.0	0.0	1	
Preliminary flaked cores		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0				0.0	1	0.03		0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	
Split cobbles/pebbles		0.0		0.0		0.0		0.0		0.0		0.0		0.0	10	0.1	7	0.2	4	0.1	2	0.4	3	0.1		0.0	1	0.02	2	0.1	2	0.1	0.0	0.0	31	
Lozenge chunks		0.0		0.0	1	4.5		0.0		0.0		0.0	2	0.1	5	0.1	3	0.1	3	0.1		0.0	1	0.03	2	0.1		0.0	3	0.1		0.0	0.0	0.0	20	
Total frequency (Total per bucket)	88	35.2	100	24	100	22	100	56	100	44	100	85	100	1568	100	7185	100	3207	100	5682	100	456	100	3753	100	1774	100	425	100	2300	100	1977	100	355	100	32832
				1.1		4.4		18.7		44.0		24.3		60.3		204.4		181.4		208.2		152.0		277.4		215.4		217.4		608.4		537.4				

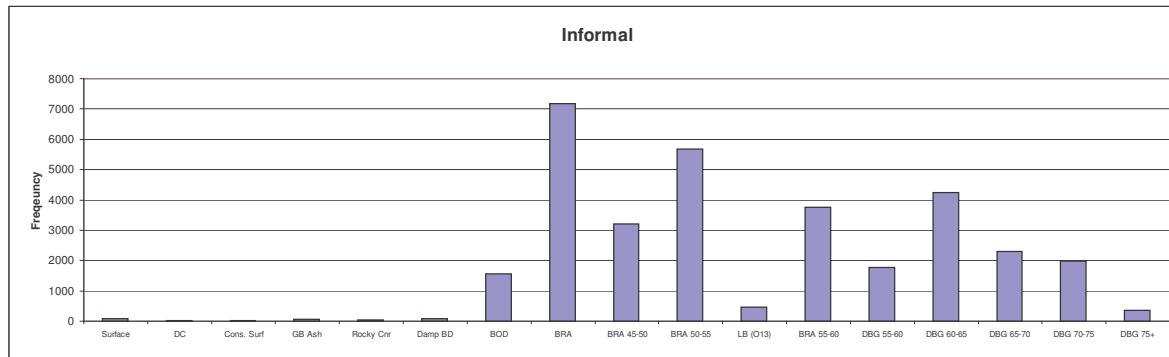


Figure 5.30. Balerno Main Shelter: Frequencies of Informal stone tools.

Table 5.23. Balerno Main Shelter: Raw materials used in Informal stone tools.

	Surf	DC	Cons. Surf	GB Ash	Rocky Cnr	Damp BD	BOD	BRA	BRA 45-50	BRA 50-55	LB (O13)	BRA 55-60	DBG 55-60	DBG 60-65	DBG 65-70	DBG 70-75	DBG 75+	TOTAL
Chert	45 51.1%	11 45.8%	15 68.2%	37 66.1%	25 56.8%	46 54.1%	808 51.5%	3567 49.6%	1454 45.3%	2826 49.7%	212 46.5%	1890 50.4%	983 55.3%	2120 49.9%	1083 47.1%	717 36.3%	118 33.2%	15957 48.6%
Agate	11 12.5%	2 8.3%	1 4.5%	5 8.9%	4 9.1%	5 5.9%	188 12.0%	927 12.9%	415 12.9%	716 12.6%	79 17.3%	444 11.8%	146 8.2%	706 16.6%	389 16.9%	320 16.2%	89 25.1%	4447 13.5%
Quartz	19 21.6%	5 20.8%	2 9.1%	6 10.7%	6 13.6%	12 14.1%	273 17.4%	1274 17.7%	581 18.1%	978 17.2%	72 15.8%	606 16.1%	264 14.8%	563 13.2%	377 16.4%	444 22.5%	73 20.6%	5555 16.9%
F-G Dolerite	10 11.4%	5 20.8%	2 9.1%	5 8.9%	7 15.9%	18 21.2%	249 15.9%	1086 15.1%	593 18.5%	895 15.8%	74 16.2%	650 17.3%	309 17.4%	633 14.9%	318 13.8%	343 17.3%	53 14.9%	5250 16.0%
F-G Quartzite	3 3.4%	1 4.2%	2 9.1%	3 5.4%	2 4.5%	4 4.7%	50 3.2%	331 4.6%	164 5.1%	267 4.7%	19 4.2%	163 4.3%	77 4.3%	229 5.4%	133 5.8%	153 7.7%	22 6.2%	1623 4.9%
TOTAL (Total per bucket)	88 35.2	24 1.1	22 4.4	56 18.7	44 44.0	85 24.3	1568 60.3	7185 204.6	3207 181.6	5682 208.2	456 152.0	3753 277.4	1779 215.6	4251 217.8	2300 215.8	1977 608.3	355 537.9	32832

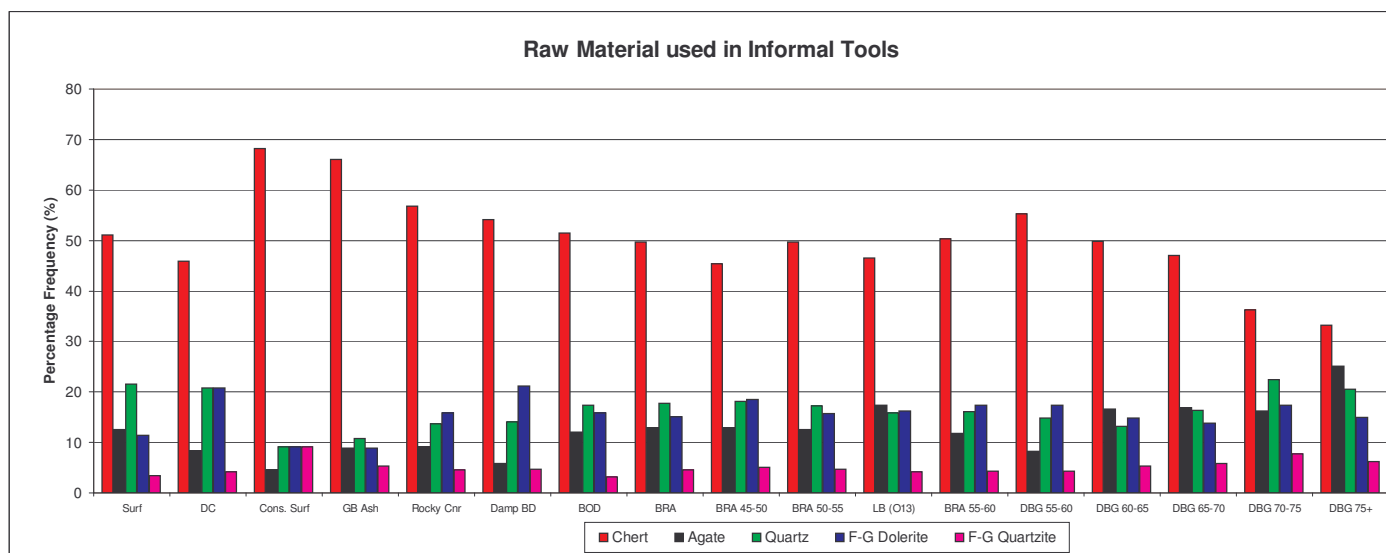


Figure 5.33. Balerno Main Shelter: Raw materials used in Informal stone tools.

Table 5.24. Balerno Main Shelter: Raw materials used in total chunks (cortical + non-cortical).

	Surf	DC	Cons. Surf	GB Ash	Rocky Cnr	Damp BD	BOD	BRA	BRA 45-50	BRA 50-55	LB (O13)	BRA 55-60	DBG 55-60	DBG 60-65	DBG 65-70	DBG 70-75	DBG 75+	TOTAL
Chert	16 66.7%	0 0.0%	5 71.4%	9 75.0%	12 70.6%	21 61.8%	382 56.8%	1654 57.2%	661 49.3%	1445 59.8%	98 53.6%	928 59.9%	444 63.4%	1093 61.9%	494 55.5%	282 44.1%	46 44.7%	7590 57.3%
Agate	3 12.5%	1 25.0%	0 0.0%	0 0.0%	1 5.9%	2 5.9%	80 11.9%	311 10.7%	145 10.8%	241 10.0%	23 12.6%	143 9.2%	40 5.7%	215 12.2%	124 13.9%	73 11.4%	27 26.2%	1429 10.8%
Quartz	5 20.8%	3 75.0%	1 14.3%	0 0.0%	0 0.0%	5 14.7%	118 17.5%	486 16.8%	266 19.8%	391 16.2%	30 16.4%	226 14.6%	109 15.6%	196 11.1%	155 17.4%	156 24.4%	15 14.6%	2162 16.3%
F-G Dolerite	0 0.0%	0 0.0%	0 0.0%	3 25.0%	3 17.6%	5 14.7%	88 13.1%	374 12.9%	228 17.0%	271 11.2%	27 14.8%	225 14.5%	96 13.7%	192 10.9%	87 9.8%	86 13.5%	12 11.7%	1697 12.8%
F-G Quartzite	0 0.0%	0 0.0%	1 14.3%	0 0.0%	1 5.9%	1 2.9%	5 0.7%	69 2.4%	42 3.1%	70 2.9%	5 2.7%	27 1.7%	11 1.6%	71 4.0%	30 3.4%	42 6.6%	3 2.9%	378 2.9%
TOTAL	24	4	7	12	17	34	673	2894	1342	2418	183	1549	700	1767	890	639	103	13256
(Total per bucket)	9.6	0.2	1.4	4.0	17.0	9.7	25.9	82.4	76.0	88.6	61.0	114.5	84.8	90.5	83.5	196.6	156.1	

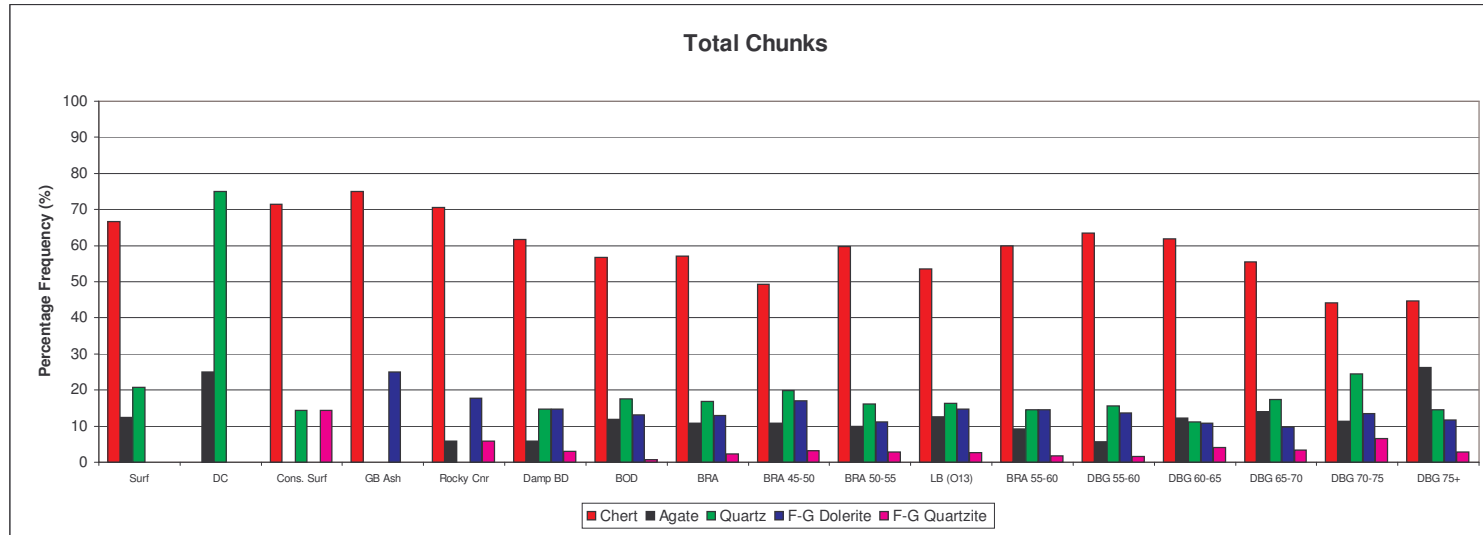


Figure 5.34. Balerno Main Shelter: Raw materials used in total chunks (cortical + non-cortical).

Table 5.25. Balerno Main Shelter: Raw materials used in total flakes (cortical + non-cortical).

	Surf	DC	Cons. Surf	GB Ash	Rocky Cnr	Damp BD	BOD	BRA	BRA 45-50	BRA 50-55	LB (O13)	BRA 55-60	DBG 55-60	DBG 60-65	DBG 65-70	DBG 70-75	DBG 75+	TOTAL
Chert	6 35.3%	1 100.0%	1 100.0%	3 37.5%	4 57.1%	4 57.1%	94 42.9%	501 45.1%	229 46.5%	361 42.5%	29 41.4%	254 44.6%	130 49.1%	323 44.3%	181 41.6%	132 33.2%	24 33.3%	2277 43.4%
Agate	3 17.6%	0 0.0%	0 0.0%	2 25.0%	1 14.3%	0 0.0%	34 15.5%	186 16.7%	80 16.2%	142 16.7%	19 27.1%	85 14.9%	39 14.7%	176 24.1%	103 23.7%	89 22.4%	19 26.4%	978 18.6%
Quartz	3 17.6%	0 0.0%	0 0.0%	3 37.5%	1 14.3%	2 28.6%	32 14.6%	183 16.5%	65 13.2%	146 17.2%	9 12.9%	92 16.2%	36 13.6%	87 11.9%	67 15.4%	81 20.4%	13 18.1%	820 15.6%
F-G Dolerite	3 17.6%	0 0.0%	0 0.0%	0 0.0%	1 14.3%	1 14.3%	52 23.7%	179 16.1%	96 19.5%	154 18.1%	6 8.6%	99 17.4%	52 19.6%	104 14.3%	57 13.1%	60 15.1%	12 16.7%	876 16.7%
F-G Quartzite	2 11.8%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	7 3.2%	62 5.6%	23 4.7%	46 5.4%	7 10.0%	39 6.9%	8 3.0%	39 5.3%	27 6.2%	36 9.0%	4 5.6%	300 5.7%
TOTAL	17	1	1	8	7	7	219	1111	493	849	70	569	265	729	435	398	72	5251
(Total per bucket)	6.8	0.0	0.2	2.7	7.0	2.0	8.4	31.6	27.9	31.1	23.3	42.1	32.1	37.3	40.8	122.5	109.1	

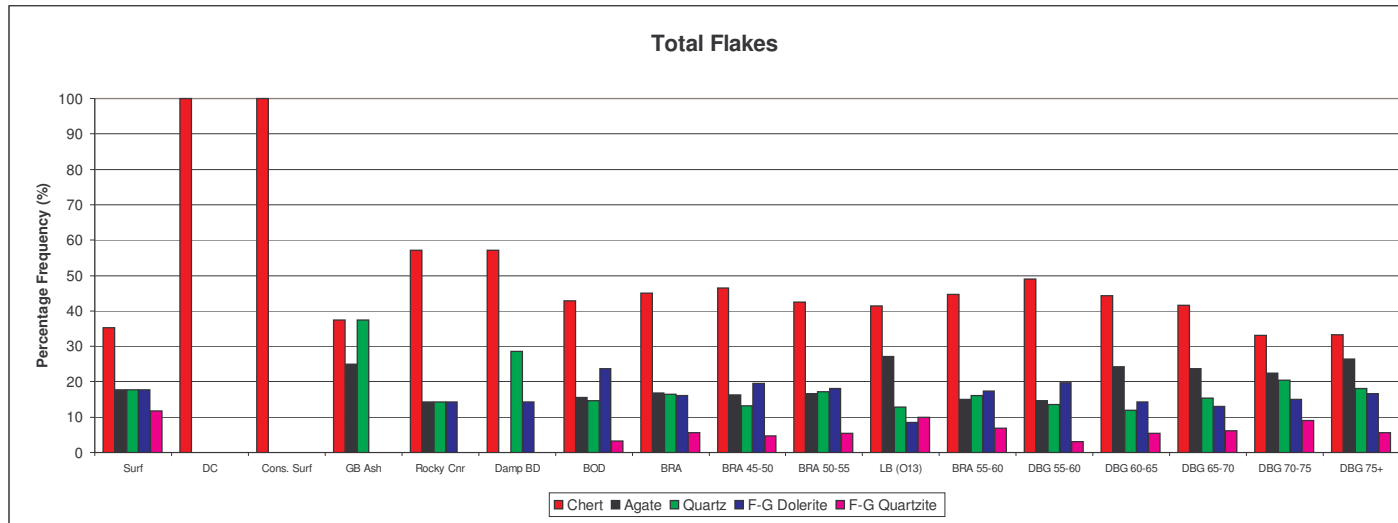


Figure 5.35. Raw materials used in total flakes (cortical + non-cortical).

Table 5.26. Balerno Main Shelter: Raw materials used in total cores (including battered pieces)

	Surf	DC	Cons. Surf	GB Ash	Rocky Cnr	Damp BD	BOD	BRA	BRA 45-50	BRA 50-55	LB (O13)	BRA 55-60	DBG 55-60	DBG 60-65	DBG 65-70	DBG 70-75	DBG 75+	TOTAL
Chert	7	1	1	1	0.0%	0.0%	40	166	75	113	12	86	49	91	38	16	2	698
	87.5%	100.0%	100.0%	50.0%	0.0%	0.0%	61.5%	52.0%	62.0%	55.9%	54.5%	58.9%	66.2%	48.7%	56.7%	23.9%	22.2%	54.1%
Agate	0	0	0	1	0.0%	0.0%	7	45	11	22	3	14	9	33	12	15	3	175
	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	10.8%	14.1%	9.1%	10.9%	13.6%	9.6%	12.2%	17.6%	17.9%	22.4%	33.3%	13.6%
Quartz	1	0	0	0	0.0%	0.0%	13	99	30	64	7	44	13	55	16	33	4	379
	12.5%	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%	31.0%	24.8%	31.7%	31.8%	30.1%	17.6%	29.4%	23.9%	49.3%	44.4%	29.4%
F-G Dolerite	0	0	0	0	0.0%	0.0%	4	5	2	2	0	0	2	4	0	2	0	21
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	6.2%	1.6%	1.7%	1.0%	0.0%	0.0%	2.7%	2.1%	0.0%	3.0%	0.0%	1.6%
F-G Quartzite	0	0	0	0	0.0%	0.0%	1	4	3	1	0	2	1	4	1	1	0	18
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.5%	1.3%	2.5%	0.5%	0.0%	1.4%	1.4%	2.1%	1.5%	1.5%	0.0%	1.4%
TOTAL	8	1	1	2	0	0	65	319	121	202	22	146	74	187	67	67	9	1291
(Total per bucket)	3.2	0.0	0.2	0.7	0.0	0.0	2.5	9.1	6.9	7.4	7.3	10.8	9.0	9.6	6.3	20.6	13.6	

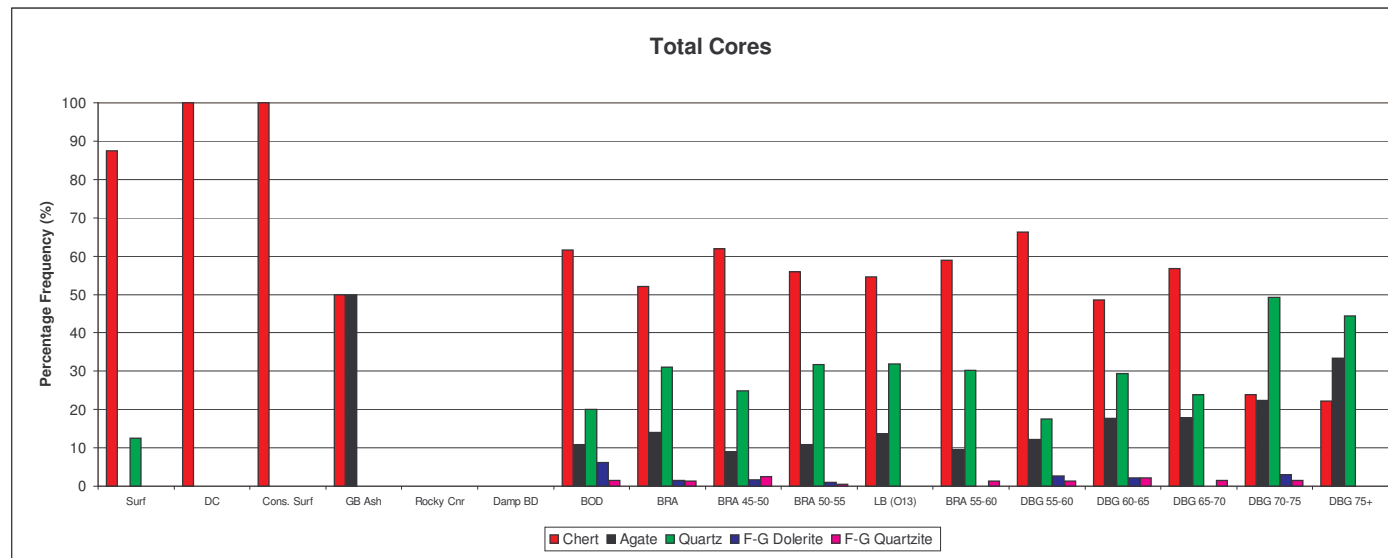


Figure 5.36. Balerno Main Shelter: Raw materials used in total cores (including battered pieces).

Table 5.27. Balerno Main Shelter: Utilised stone tool inventory.

UTILISED	Surface		DC		Cons. Surf		GB Ash		Rocky Cnr		Damp BD		BOD		BRA		BRA 45-50		BRA 50-55		LB (O13)		BRA 55-60		DBG 55-60		DBG 60-65		DBG 65-70		DBG 70-75		DBG 75+		TOTAL
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%			
Flakes		0.0		0.00		0.00		0.00		0.00		0.00	1	100.0	1	14.3	1	33.3	1	16.7	1	100.0	2	66.7	1	25.0	3	33.3	4	66.7		0.0		0.0	15
Broken flakes		0.0		0.00		0.00		0.00		0.00		0.00		0.0		0.0		0.0		0.0		0.0	1	33.3	1	25.0	4	44.4	2	33.3	3	50.0		0.0	11
Blades		0.0		0.00		0.00		0.00		0.00		0.00		0.0		0.0		0.0		0.0		0.0		0.0	1	11.1		0.0		0.0		0.0		0.0	1
Bladelets		0.0		0.00		0.00		0.00		0.00		0.00		0.0		0.0	1	33.3		0.0		0.0		0.0	1	25.0		0.0		0.0	1	16.7		0.0	3
Abraded chunks	1	100.0		0.00		0.00		0.00		0.00		0.00		0.0		6	85.7	1	33.3	5	83.3		0.0		1	25.0	1	11.1		0.0	2	33.3	1	100.0	18
Total frequency (Total per bucket)	1	100	0	0	0	0	0	0	0	0	0	1	100	7	100	3	100	6	100	1	100	3	100	4	100	9	100	6	100	6	100	1	100	48	
	0.4		0.0		0.0		0.0		0.0		0.0	0.0		0.0		0.2		0.2		0.3		0.2		0.5		0.5		0.6		3.1		1.5			

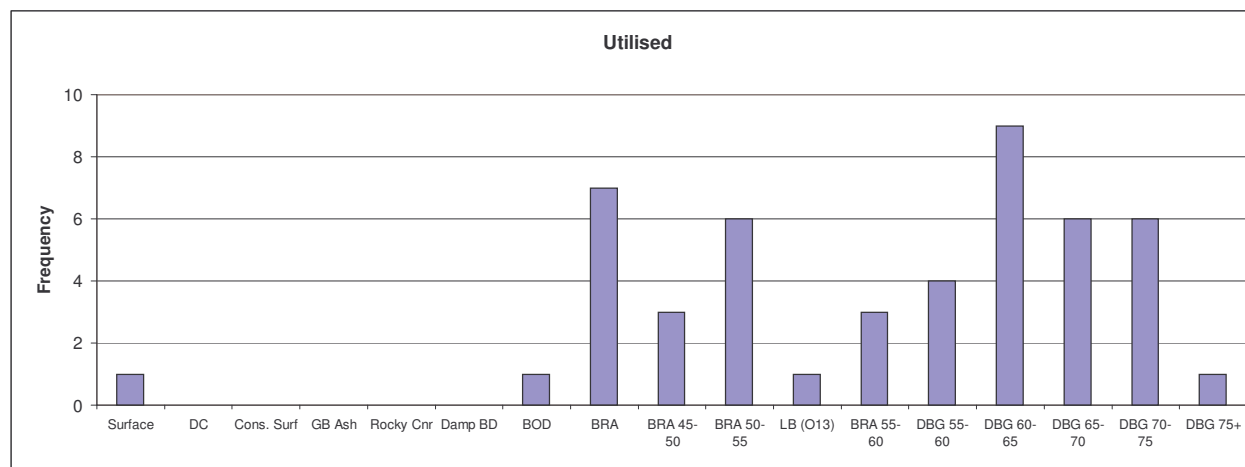


Figure 5.37. Balerno Main Shelter: Frequencies of Utilised stone tools.

Table 5.28. Balerno Main Shelter: Retouched / Backed (miscellaneous) stone tool inventory.

RETOUCHED / BACKED (misc)	Surface		DC		Cons. Surf		GB Ash		Rocky Cnr		Damp BD		BOD		BRA		BRA 45-50		BRA 50-55		LB (O13)		BRA 55-60		DBG 55-60		DBG 60-65		DBG 65-70		DBG 70-75		DBG 75+		TOTAL	
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%				
Retouched flake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	28.6	2	6.3	0.0	0.0	1	2.9	0.0	0.0	0.0	0.0	1	9.1	1	9.1	5	14.3	2	11.1	1	5.3	0.0	0.0	14
Retouched blade	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	9.1	0.0	1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	
Retouched bladelet	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	18.2	0.0	1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
Miscellaneous retouch	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	14.3	11	34.4	1	8.3	6	17.6	0.0	0.0	1	9.1	0.0	5	14.3	3	16.7	4	21.1	0.0	0.0	0.0	32		
Broken retouch	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	28.6	13	40.6	4	33.3	14	41.2	1	100.0	3	27.3	5	45.5	18	51.4	5	27.8	4	21.1	0.0	0.0	69		
Miscellaneous backed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	14.3	2	6.3	0.0	0.0	2	5.9	0.0	0.0	0.0	0.0	1	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6		
Broken backed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	14.3	4	12.5	7	58.3	11	32.4	0.0	0.0	4	36.4	4	36.4	5	14.3	8	44.4	10	52.6	0.0	0.0	54		
Total frequency (Total per bucket)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	100	32	100	12	100	34	100	1	100	11	100	11	100	35	100	18	100	19	100	0	0.0	180	

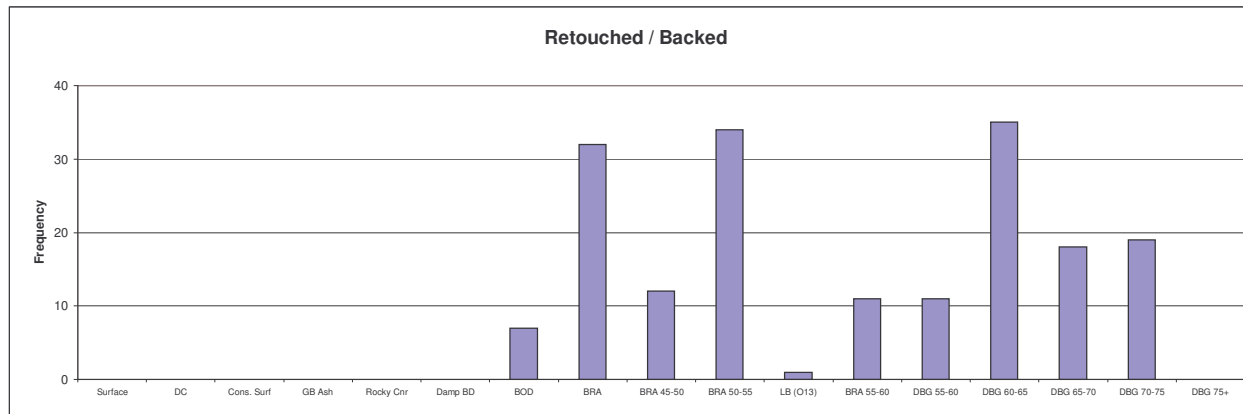


Figure 5.38. Balerno Main Shelter: Frequencies of broken / miscellaneously Retouched / Backed stone tools.

Table 5.29. Balerno Main Shelter: Raw materials used in Utilised stone tools.

	Surf	DC	Cons. Surf	GB Ash	Rocky Cnr	Damp BD	BOD	BRA	BRA 45-50	BRA 50-55	LB (O13)	BRA 55-60	DBG 55-60	DBG 60-65	DBG 65-70	DBG 70-75	DBG 75+	TOTAL
Chert	0	0	0	0	0	0	0	0	1	1	1	3	1	4	2	1	0	14
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	33.3%	16.7%	100.0%	100.0%	25.0%	44.4%	33.3%	16.7%	0.0%	29.2%
Agate	0	0	0	0	0	0	0	0	1	0	0	0	1	4	4	3	0	13
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	33.3%	0.0%	0.0%	0.0%	25.0%	44.4%	66.7%	50.0%	0.0%	27.1%
Quartz	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	25.0%	0.0%	0.0%	0.0%	0.0%	2.1%
F-G Dolerite	1	0	0	0	0	0	1	3	1	5	0	0	1	1	0	2	1	16
	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	42.9%	33.3%	83.3%	0.0%	0.0%	25.0%	11.1%	0.0%	33.3%	100.0%	33.3%
F-G Quartzite	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	4
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	57.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	8.3%
TOTAL	1	0	0	0	0	0	1	7	3	6	1	3	4	9	6	6	1	48
(Total per bucket)	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.3	0.2	0.5	0.5	0.6	1.8	1.5	

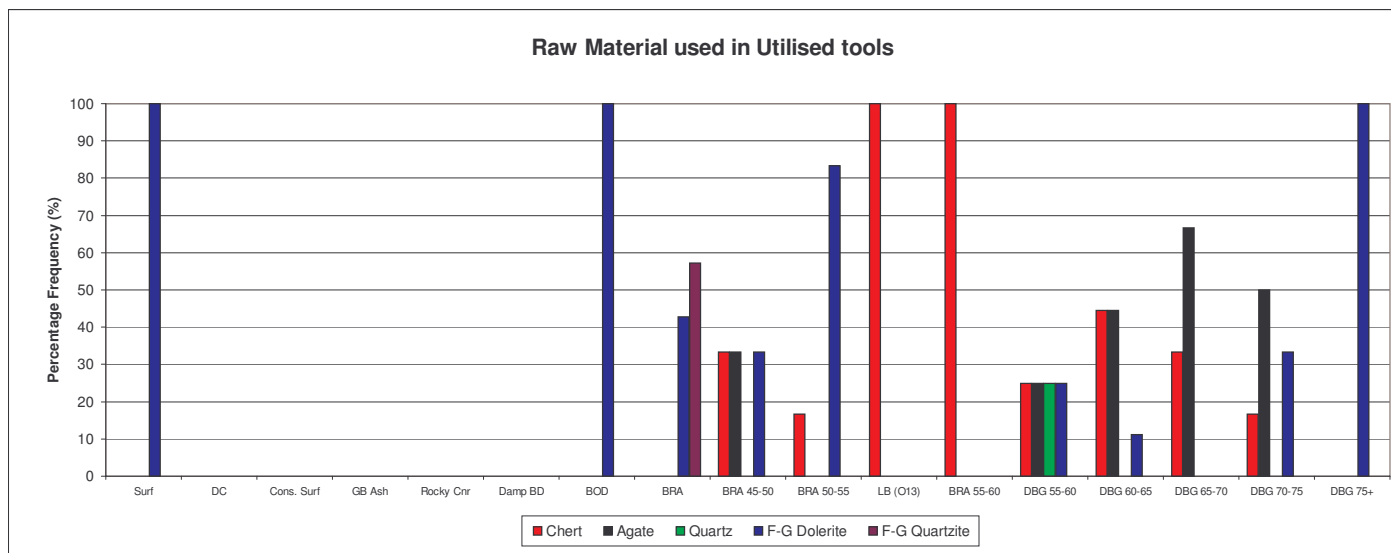


Figure 5.39. Balerno Main Shelter: Raw materials used in Utilised stone tools.

Table 5.30. Balerno Main Shelter: Raw materials used in Retouched / Backed (miscellaneous) stone tools.

	Surf	DC	Cons. Surf	GB Ash	Rocky Cnr	Damp BD	BOD	BRA	BRA 45-50	BRA 50-55	LB (O13)	BRA 55-60	DBG 55-60	DBG 60-65	DBG 65-70	DBG 70-75	DBG 75+	TOTAL
Chert	0	0	0	0	0	0	4	24	7	21	0	6	11	19	7	9	0	108
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	57.1%	75.0%	58.3%	61.8%	0.0%	54.5%	100.0%	54.3%	38.9%	47.4%	0.0%	60.0%
Agate	0	0	0	0	0	0	2	5	3	9	1	3	0	14	10	8	0	55
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	28.6%	15.6%	25.0%	26.5%	100.0%	27.3%	0.0%	40.0%	55.6%	42.1%	0.0%	30.6%
Quartz	0	0	0	0	0	0	0	1	2	3	0	1	0	1	1	1	0	10
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.1%	16.7%	8.8%	0.0%	9.1%	0.0%	2.9%	5.6%	5.3%	0.0%	5.6%
F-G Dolerite	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	3
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	14.3%	0.0%	0.0%	0.0%	0.0%	9.1%	0.0%	2.9%	0.0%	0.0%	0.0%	1.7%
F-G Quartzite	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	1	0	4
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	6.3%	0.0%	2.9%	0.0%	0.0%	0.0%	0.0%	0.0%	5.3%	0.0%	2.2%
TOTAL	0	0	0	0	0	0	7	32	12	34	1	11	11	35	18	19	0	180
(Total per bucket)	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	0.7	1.2	0.3	0.8	1.3	1.8	1.7	5.8	0.0	

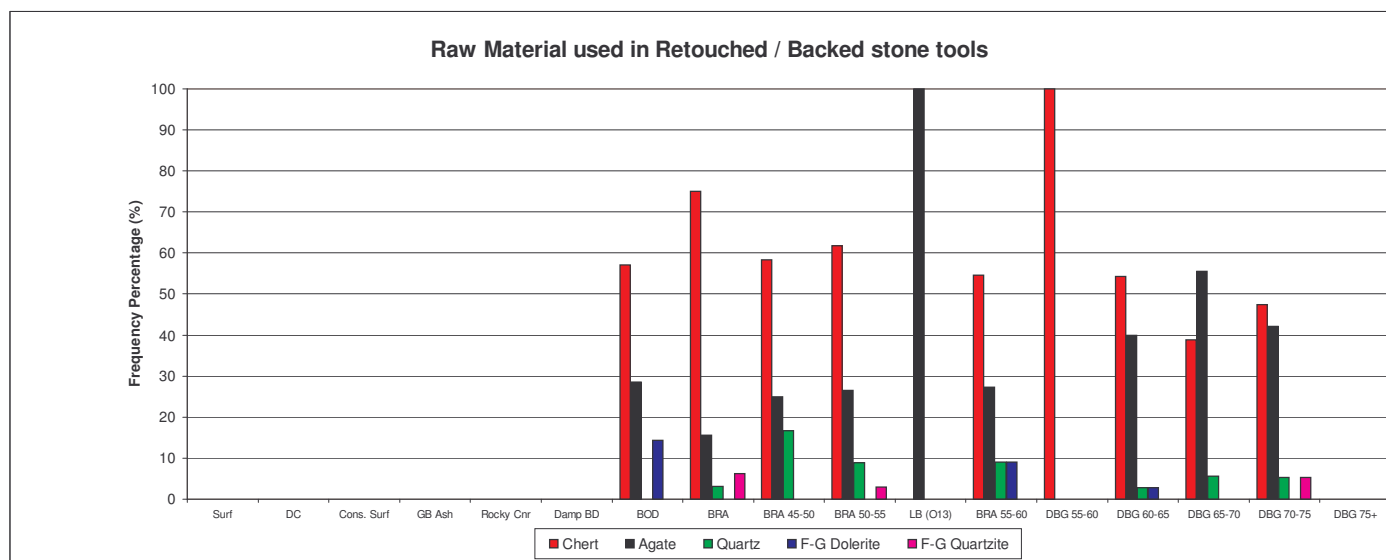


Figure 5.40. Balerno Main Shelter: Raw materials used in broken / miscellaneous Retouched / Backed stone tools.

Table 5.31. Balerno Main Shelter: Formal stone tool inventory

FORMAL	Surface		DC		Cons. Surf		GB Ash		Rocky Cnr		Damp BD		BOD		BRA		BRA 45-50		BRA 50-55		LB (O13)		BRA 55-60		DBG 55-60		DBG 60-65		DBG 65-70		DBG 70-75		DBG 75+		TOTAL
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	
End scraper (small)	2	22.2	0.0	0.0	1	100.0	2	40.0	0.0	0.0	1	25.0	28	45.2	105	42.9	46	40.4	107	51.0	4	19.0	68	45.6	41	44.6	82	41.0	27	32.9	24	29.3	1	7.1	539
End scraper (medium)		0.0	0.0	0.0		0.0		0.0	0.0	0.0	2	3.2	5	2.0	3	2.6	3	1.4		0.0	3	2.0	3	3.3	4	2.0	3	3.7	1	1.2		0.0	27		
End scraper (large)		0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0	0.0	1	0.4		0.0		0.0		0.0	1	0.7		0.0	0.0	0.0	0.0	1	1.2		0.0	3			
Side scraper (small)	2	22.2	0.0	0.0		0.0	0.0	1	33.3	0.0	1	1.6	13	5.3	3	2.6	11	5.2	1	4.8	6	4.0	4	4.3	10	5.0	2	2.4	5	6.1	4	28.6	63		
Side scraper (medium)		0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0	0.0	2	0.8	2	1.8		0.0		0.0		0.0		0.0	1	0.5		0.0		0.0	0.0	5			
End & side scraper (small)		0.0	0.0	0.0		0.0	1	33.3	1	25.0	4	6.5	9	3.7	4	3.5	8	3.8	3	14.3	4	2.7	4	4.3	13	6.5	2	2.4	7	8.5		0.0	60		
End & side scraper (medium)		0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0	0.0		0.0		0.0		0.0		0.0		0.0	1	1.1		0.0		0.0		0.0	0.0	1			
End & 2 sides scraper (small)		0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0	4	1.6	3	2.6	2	1.0		0.0	1	0.7		0.0	1	0.5	1	1.2	1	1.2	1	7.1	14			
End & 2 sides scraper (medium)		0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0	0.0	1	0.9		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	0.0	1			
End & end scraper (small)		0.0	0.0	0.0		0.0		0.0	0.0	0.0	1	1.6		0.0		0.0		0.0		0.0		0.0		0.0	1	0.5	1	1.2		0.0	0.0	3			
Side & side scraper (small)		0.0	0.0	0.0		0.0		0.0	0.0	0.0	1	1.6	1	0.4		0.0		0.0		0.0		0.0		0.0	2	1.0	1	1.2		0.0	0.0	5			
All-round scraper (small)		0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	1	1.2		0.0	1				
Double-edged scraper (small)		0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0	0.0		0.0		0.0		0.0		0.0	1	0.7		0.0	2	1.0		0.0	1	1.2		0.0	4		
Backed scraper (small)		0.0	0.0	0.0		0.0		0.0	0.0	0.0	0.0	2	0.8	1	0.9	4	1.9		0.0	1	0.7	1	1.1	5	2.5	2	2.4	2	2.4	1	7.1	19			
Broken scrapers	3	33.3	0.0	0.0	1	20.0	0.0	1	25.0	6	9.7	21	8.6	16	14.0	32	15.2	6	28.6	21	14.1	17	18.5	15	7.5	14	17.1	11	13.4	1	7.1	165			
Segments		0.0	0.0	0.0	1	20.0	0.0		0.0	4	6.5	18	7.3	7	6.1	8	3.8	2	9.5	8	5.4	7	7.6	15	7.5	5	6.1	1	1.2	1	7.1	77			
Broken segments		0.0	0.0	0.0	1	20.0	1	33.3	0.0	2	3.2	12	4.9	2	1.8	4	1.9		0.0	6	4.0	2	2.2	5	2.5	8	9.8	3	3.7		0.0	46			
Backed bladelets		0.0	0.0	0.0		0.0	0.0	1	25.0	2	3.2	9	3.7	8	7.0	4	1.9		0.0	4	2.7	1	1.1	5	2.5	1	1.2	3	3.7	1	7.1	39			
Obliquely backed bladelets		0.0	0.0	0.0		0.0	0.0	0.0	0.0	1	0.4		0.0		0.0		0.0		0.0		0.0		0.0	0.0	1	1.2	1	1.2		0.0	3				
Broken backed bladelets		0.0	0.0	0.0		0.0	0.0	0.0	4	6.5	12	4.9	6	5.3	7	3.3	1	4.8		6	4.0	2	2.2	11	5.5	3	3.7	5	6.1	2	14.3	59			
Backed flakes		0.0	0.0	0.0		0.0	0.0	0.0	0.0	4	1.6	2	1.8	5	2.4	2	9.5	2	1.3	2	2.2	8	4.0	4	4.9	1	1.2			0.0	30				
Broken backed flake		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0		0.0		0.0	1	0.7		0.0	0.0	0.0	0.0	0.0		0.0	0.0	1					
Awl		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	2	0.8	1	0.9		0.0		0.0	2	1.3		0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	5				
Borer		0.0	0.0	0.0		0.0	0.0	0.0	0.0	1	1.6	3	1.2	1	0.9		0.0		0.0	2	1.3	1	1.1	3	1.5	3	3.7	2	2.4		0.0	16			
Adze	1	11.1	0.0	0.0		0.0	0.0	0.0	1	1.6	4	1.6	1	0.9	2	1.0		0.0	2	1.3	1	1.1	4	2.0		0.0		0.0	0.0	0.0	16				
Scraper-adze (small)	1	11.1	0.0	0.0		0.0	0.0	0.0	3	4.8	14	5.7	5	4.4	13	6.2	2	9.5	7	4.7	4	4.3	13	6.5	4	4.9	10	12.2	2	14.3	78				
Scraper-adze (medium)		0.0	0.0	0.0		0.0	0.0	0.0	0.0	1	0.4		0.0		0.0		0.0		0.0		0.0		0.0	0.0	0.0	0.0	1	1.2		0.0	2				
Spokeshave		0.0	0.0	0.0		0.0	0.0	0.0	0.0	1	0.4		0.0		0.0		0.0		0.0	1	0.7	1	1.1		0.0	0.0	0.0	0.0	0.0	0.0	3				
Plane		0.0	0.0	0.0		0.0	0.0	0.0	0.0	2	3.2	1	0.4		0.0		0.0		0.0	1	0.7		0.0	0.0	0.0	0.0	1	1.2		0.0	5				
Broken plane		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0		0.0		0.0	1	0.7		0.0	0.0	0.0	0.0	0.0		0.0	0.0	1					
Tanged point		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	1	0.9		0.0		0.0		0.0		0.0		0.0		0.0	0.0	0.0		0.0	0.0	0.0	1				
MSA retouched tool		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	1	0.9		0.0		0.0		0.0		0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	1				
Total frequency (Total per bucket)	9	100.0	0	0.0	1	100	5	100	3	100	4	100	62	100	245	100	114	100	210	100	21	100	149	100	92	100	200	100	82	100	82	100	14	100	1293
	3.6			0.2		1.7		3.0		1.1		2.4		7.0		6.5		7.7		7.0		11.0		11.2		10.2		7.7		25.2		21.2			

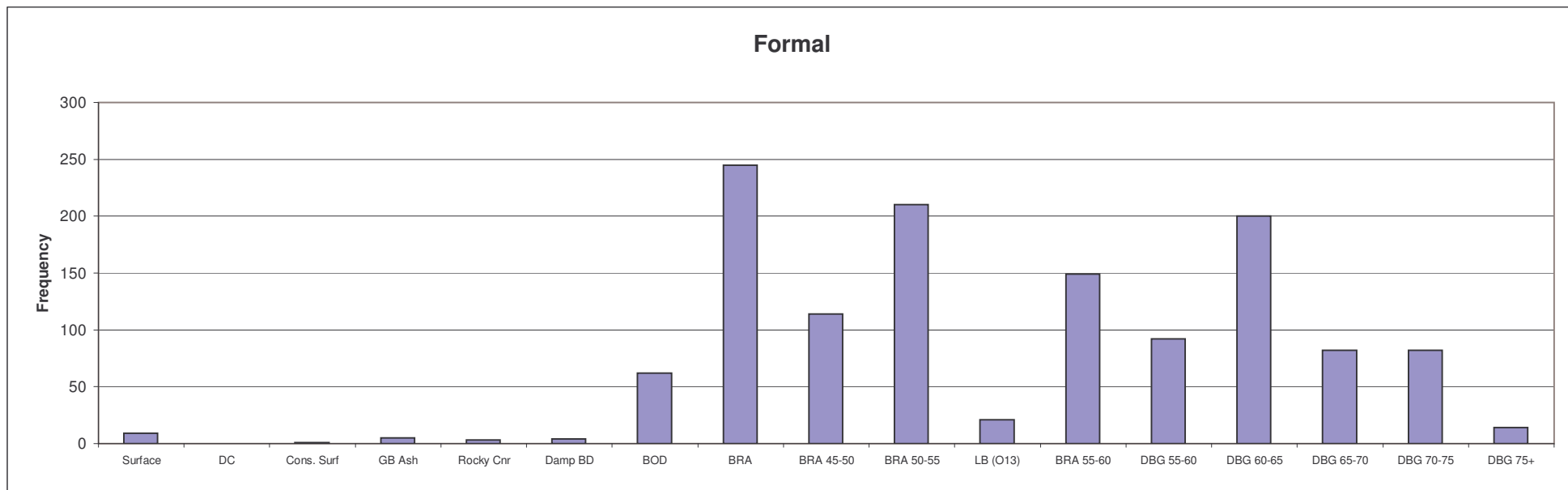


Figure 5.41. Balerno Main Shelter: Frequencies of Formal stone tools.

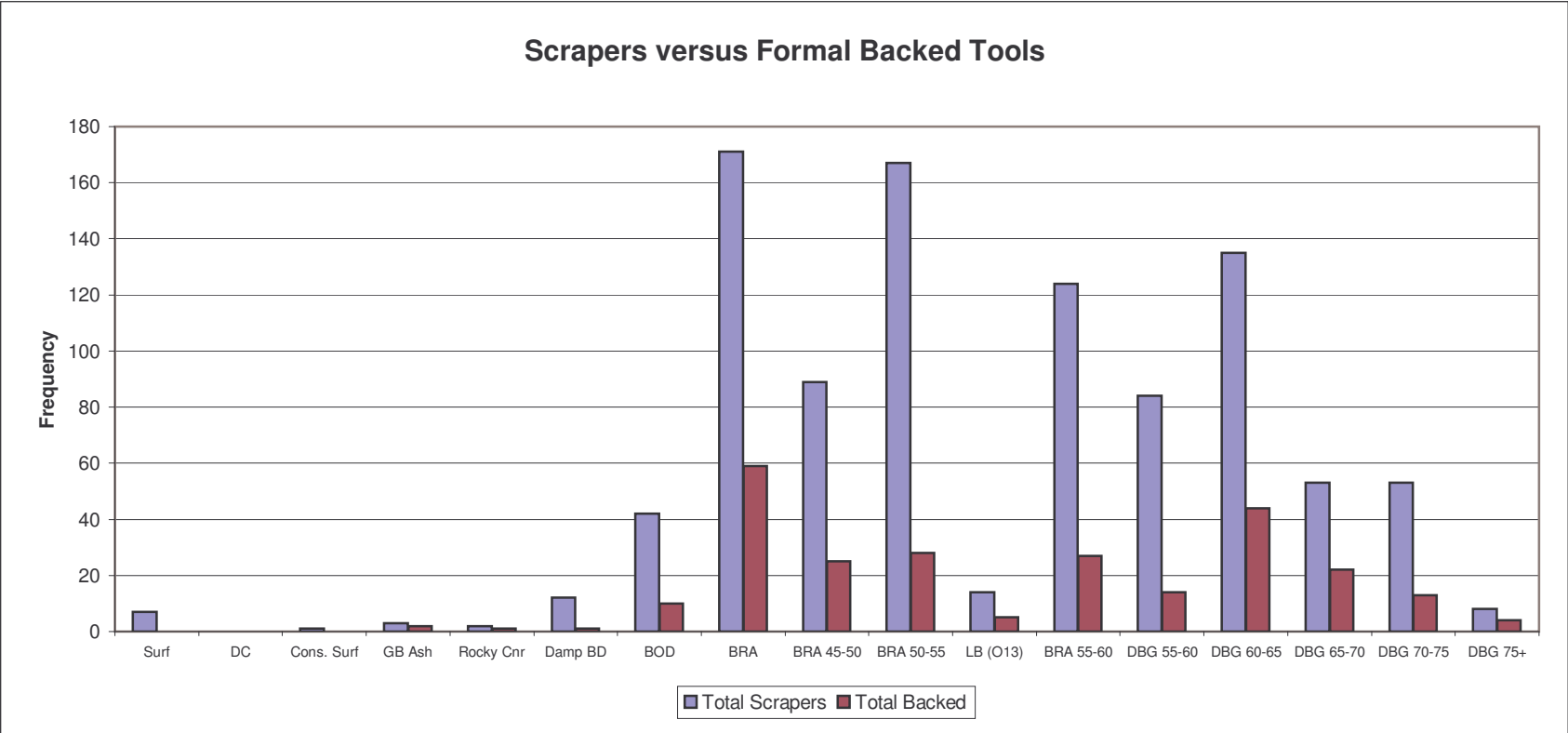


Figure 5.44. Balerno Main Shelter: Percentage frequencies of total scrapers versus percentage frequencies of total Formal backed tools.

Table 5.32. Balerno Main Shelter: Raw materials used in Formal stone tools.

	Surf	DC	Cons. Surf	GB Ash	Rocky Cnr	Damp BD	BOD	BRA	BRA 45-50	BRA 50-55	LB (O13)	BRA 55-60	DBG 55-60	DBG 60-65	DBG 65-70	DBG 70-75	DBG 75+	TOTAL
Chert	5 55.6%	0 0.0%	1 100.0%	2 40.0%	1 33.3%	3 75.0%	44 71.0%	170 69.4%	73 64.0%	148 70.5%	17 81.0%	100 67.1%	69 75.0%	105 52.5%	39 47.6%	48 58.5%	7 50.0%	832 64.3%
Agate	4 44.4%	0 0.0%	0 0.0%	2 40.0%	2 66.7%	1 25.0%	13 21.0%	62 25.3%	37 32.5%	54 25.7%	3 14.3%	41 27.5%	17 18.5%	86 43.0%	37 45.1%	29 35.4%	7 50.0%	395 30.5%
Quartz	0 0.0%	0 0.0%	0 0.0%	1 20.0%	0 0.0%	0 0.0%	1 1.6%	7 2.9%	3 2.6%	6 2.9%	1 4.8%	5 3.4%	4 4.3%	8 4.0%	3 3.7%	3 3.7%	0 0.0%	42 3.2%
F-G Dolerite	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 3.2%	4 1.6%	0 0.0%	2 1.0%	0 0.0%	3 2.0%	1 1.1%	0 0.0%	0 0.0%	2 2.4%	0 0.0%	14 1.1%
F-G Quartzite	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	2 3.2%	2 0.8%	1 0.9%	0 0.0%	0 0.0%	0 0.0%	1 1.1%	1 0.5%	3 3.7%	0 0.0%	0 0.0%	10 0.8%
TOTAL (Total per bucket)	9 3.6	0 0.0	1 0.2	5 1.7	3 3.0	4 1.1	62 2.4	245 7.0	114 6.5	210 7.7	21 7.0	149 11.0	92 11.6	200 10.2	82 7.7	82 25.2	14 21.2	1293

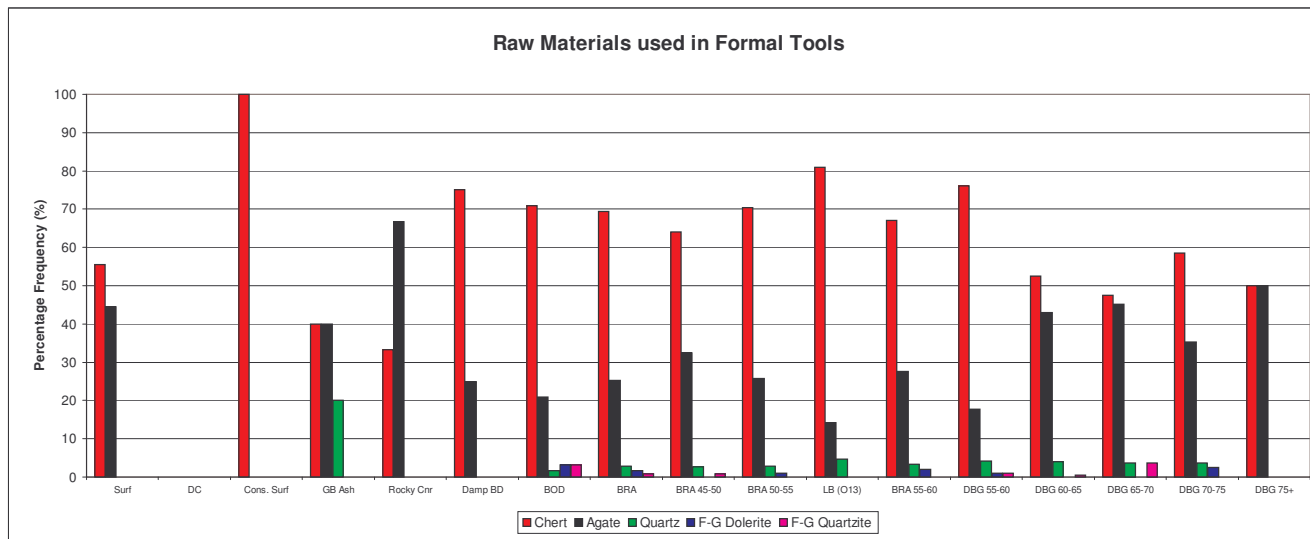


Figure 5.46. Balerno Main Shelter: Raw material used in Formal stone tools.

Table 5.33. Balerno Main Shelter: Raw materials used in total scrapers.

	Surf	DC	Cons. Surf	GB Ash	Rocky Cnr	Damp BD	BOD	BRA	BRA 45-50	BRA 50-55	LB (O13)	BRA 55-60	DBG 55-60	DBG 60-65	DBG 65-70	DBG 70-75	DBG 75+	TOTAL
Chert	3 42.9%	0 0.0%	1 100.0%	2 66.7%	0 0.0%	11 91.7%	32 76.2%	121 70.8%	53 59.6%	124 74.3%	13 92.9%	77 62.1%	60 71.4%	76 56.3%	26 49.1%	31 58.5%	3 37.5%	633 65.6%
Agate	4 57.1%	0 0.0%	0 0.0%	1 33.3%	2 100.0%	1 8.3%	8 19.0%	46 26.9%	34 38.2%	38 22.8%	1 7.1%	47 37.9%	22 0.0%	55 40.7%	22 41.5%	21 39.6%	5 62.5%	307 31.8%
Quartz	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.4%	3 1.8%	1 1.1%	3 1.8%	0 0.0%	0 0.0%	0 0.0%	3 2.2%	2 3.8%	1 1.9%	0 0.0%	14 1.5%
F-G Dolerite	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	0 0.0%	2 1.2%	0 0.0%	0 0.0%	2 2.4%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	5 0.5%
F-G Quartzite	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.4%	0 0.0%	1 1.1%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.7%	3 5.7%	0 0.0%	0 0.0%	6 0.6%
TOTAL (Total per bucket)	7 2.8	0 0.0	1 0.2	3 1.0	2 2.0	12 3.4	42 1.6	171 4.9	89 5.0	167 6.1	14 4.7	124 9.2	84 10.2	135 6.9	53 5.0	53 16.3	8 12.1	965

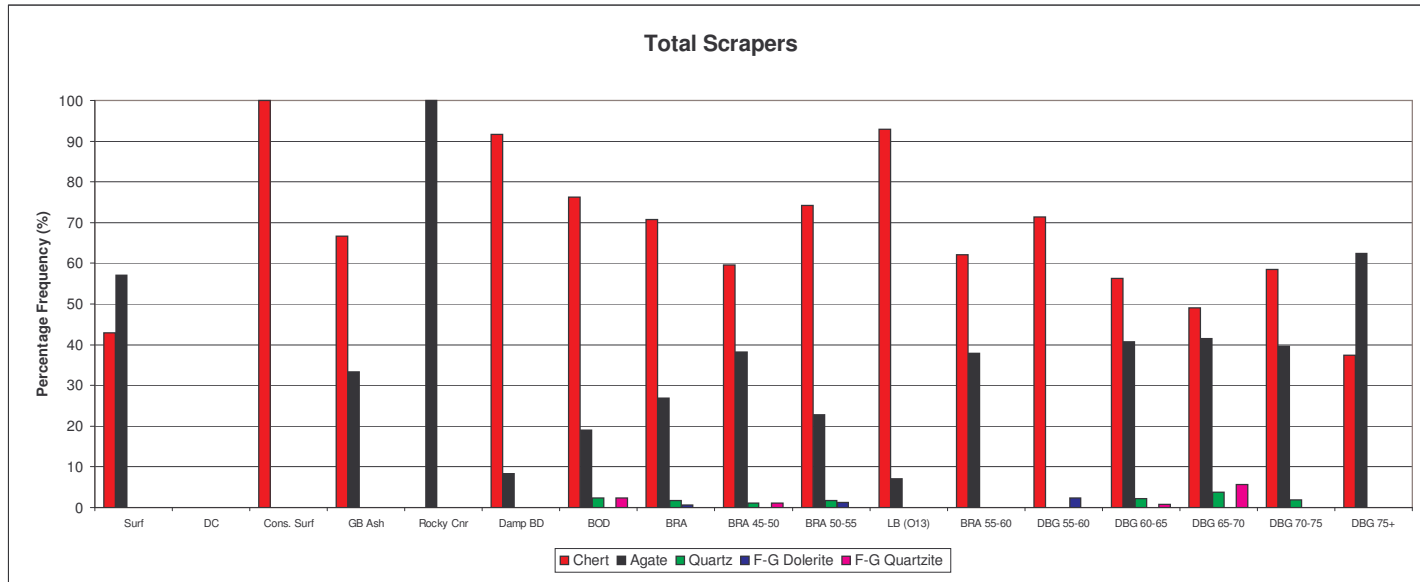


Figure 5.47. Balerno Main Shelter: Raw materials used in total scrapers.

Table 5.34. Balerno Main Shelter: Raw materials used in total segments.

	Surf	DC	Cons. Surf	GB Ash	Rocky Cnr	Damp BD	BOD	BRA	BRA 45-50	BRA 50-55	LB (O13)	BRA 55-60	DBG 55-60	DBG 60-65	DBG 65-70	DBG 70-75	DBG 75+	TOTAL
Chert	0	0	0	0	1	0	2	14	3	5	1	4	3	9	1	0	0	43
	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	33.3%	51.9%	33.3%	45.5%	50.0%	33.3%	37.5%	45.0%	7.7%	0.0%	0.0%	37.4%
Agate	0	0	0	1	0	0	4	9	5	5	1	4	2	9	4	2	1	47
	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	66.7%	33.3%	55.6%	45.5%	50.0%	33.3%	25.0%	45.0%	30.8%	66.7%	100.0%	40.9%
Quartz	0	0	0	1	0	0	0	3	1	1	0	4	3	2	8	1	0	24
	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	11.1%	11.1%	9.1%	0.0%	33.3%	37.5%	10.0%	61.5%	33.3%	0.0%	20.9%
F-G Dolerite	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%
F-G Quartzite	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TOTAL (Total per bucket)	0	0	0	2	1	0	6	27	9	11	2	12	8	20	13	3	1	115
	0.0	0.0	0.0	0.7	1.0	0.0	0.2	0.8	0.5	0.4	0.7	0.9	1.0	1.0	1.2	0.9	1.5	

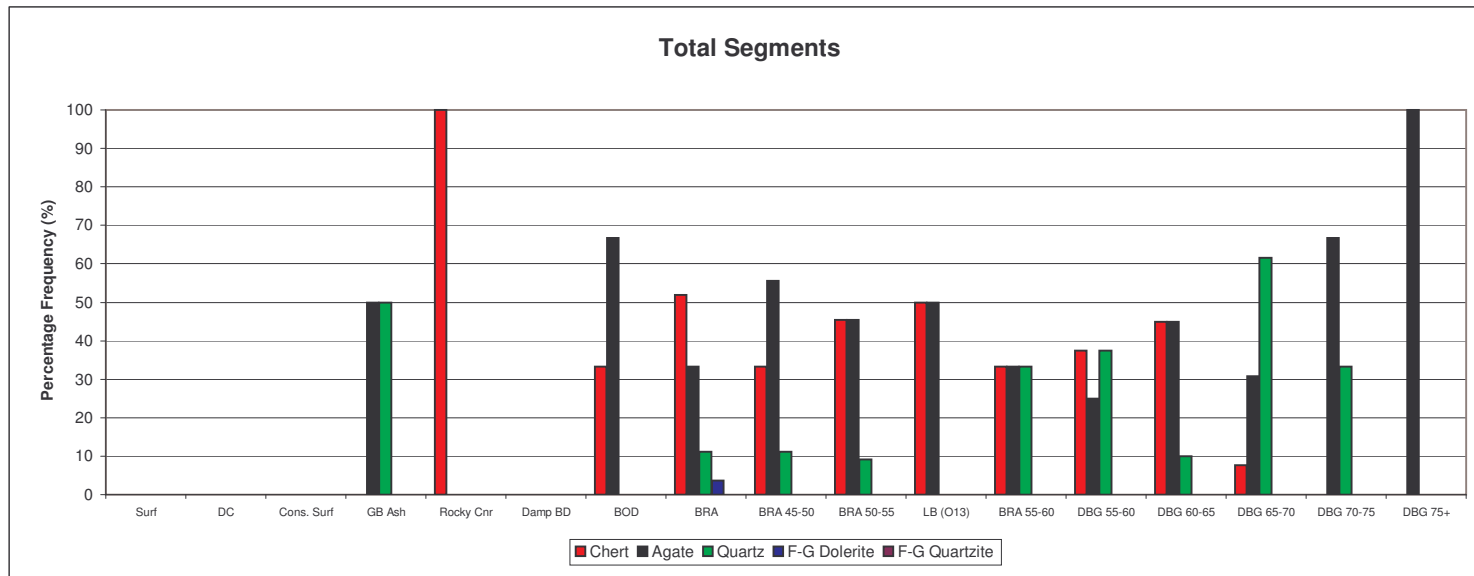


Figure 5.48. Balerno Main Shelter: Raw materials used in total segments (including broken segments).

Table 5.35. Balerno Main Shelter: Raw materials used in total Formal backed stone tools.

	Surf	DC	Cons. Surf	GB Ash	Rocky Cnr	Damp BD	BOD	BRA	BRA 45-50	BRA 50-55	LB (O13)	BRA 55-60	DBG 55-60	DBG 60-65	DBG 65-70	DBG 70-75	DBG 75+	TOTAL
Chert	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	50.0%	55.9%	44.0%	46.4%	40.0%	40.7%	50.0%	47.7%	31.8%	38.5%	50.0%	119
Agate	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	50.0%	33.9%	48.0%	42.9%	40.0%	37.0%	42.9%	40.9%	63.6%	46.2%	50.0%	108
Quartz	0.0%	0.0%	0.0%	50.0%	0.0%	0.0%	0.0%	6.8%	8.0%	10.7%	20.0%	18.5%	7.1%	11.4%	4.5%	15.4%	0.0%	25
F-G Dolerite	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	2
F-G Quartzite	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1
TOTAL (Total per bucket)	0 0.0	0 0.0	0 0.0	2 0.7	1 1.0	1 0.3	10 0.4	59 1.7	25 1.4	28 1.0	5 1.7	27 2.0	14 1.7	44 2.3	22 2.1	13 4.0	4 6.1	255

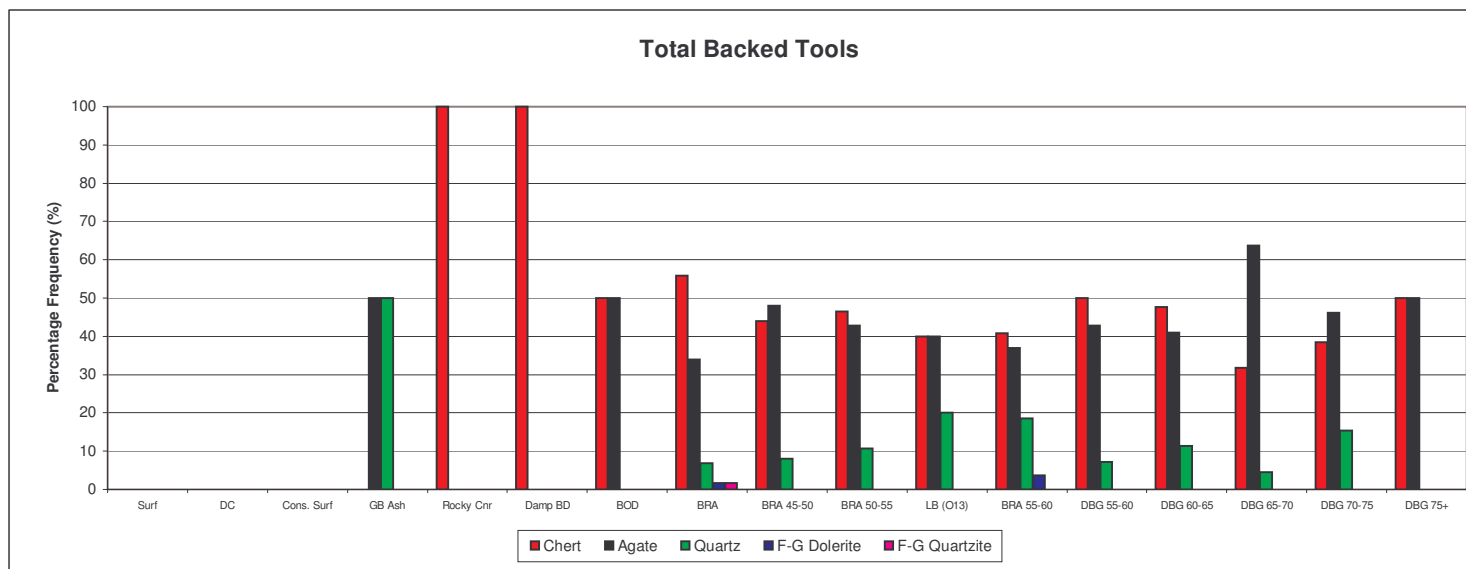


Figure 5.49. Balerno Main Shelter: Raw materials used in total Formal backed stone tools.

Table 5.36. Balerno Main Shelter: 'Other' stone tool inventory

OTHER	Surface		DC		Cons. Surf		GB Ash		Rocky Cnr		Damp BD		BOD		BRA		BRA 45-50		BRA 50-55		LB (O13)		BRA 55-60		DBG 55-60		DBG 60-65		DBG 65-70		DBG 70-75		DBG 75+		TOTAL
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	
Small pebbles (<10mm)	0.00	0.0	1	50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7	6.6	1	1.6	9	8.2	0.00	0.00	1	2.7	5	20.0	7	7.4	0.00	0.00	2	11.1	0.00	0.00	33		
Unused nodules (>10mm)	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6	5.7	4	6.3	3	2.7	1	6.7	2	5.4	1	4.0	2	2.1	2	8.3	2	11.1	0.00	0.00	23		
Coarse-grained dolerite chunks	0.00	2	100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	17.6	32	30.2	19	29.7	12	10.9	1	6.7	4	10.8	0.00	1	1.1	9	37.5	0.00	0.00	0.00	0.00	83		
Rock crystal (<15mm)	0.00	0.0	1	50.0	0.00	0.00	0.00	0.00	0.00	0.00	2	66.7	13	76.5	50	47.2	29	45.3	59	53.6	11	73.3	19	51.4	18	72.0	51	54.3	10	41.7	13	72.2	3	42.9	279
Grindstone	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	4.2	0.00	0.00	1			
Broken anvil/grindstone	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4	3.8	0.00	0.00	0.00	0.00	0.00	0.00	4	10.8	0.00	2	2.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10		
Hammerstone (with ochre)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	1.1	0.00	0.00	0.00	0.00	0.00	0.00	1			
Broken hammerstone	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2	8.3	0.00	0.00	0.00	0.00	0.00	3			
Broken rubbing/nutting stone	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2	1.9	0.00	1	0.9	0.00	0.00	0.00	0.00	0.00	1	4.0	0.00	0.00	0.00	1	5.6	0.00	0.00	5			
Bead-grinding/grooved rock	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	2.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1			
Flake (from grindstone)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.9	0.00	1	0.9	0.00	1	0.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2			
Mica flakes (tiny)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	33.3	1	5.9	2	1.9	7	10.9	24	21.8	2	13.3	6	16.2	0.00	30	31.9	1	4.2	0.00	4	57.1	78				
Iron-rich chunk	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.9	4	6.3	1	0.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6				
Total frequency (Total per bucket)	0	0	2	100	2	100	0	0	0	0	3	100	17	100	106	100	64	100	110	100	15	100	37	100	25	100	94	100	24	100	18	100	7	100	524
	0.0	0.0	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.9	100	0.7	3.0	3.6	4.0	5.0	2.7	3.0	4.8	2.3	5.5	10.6													

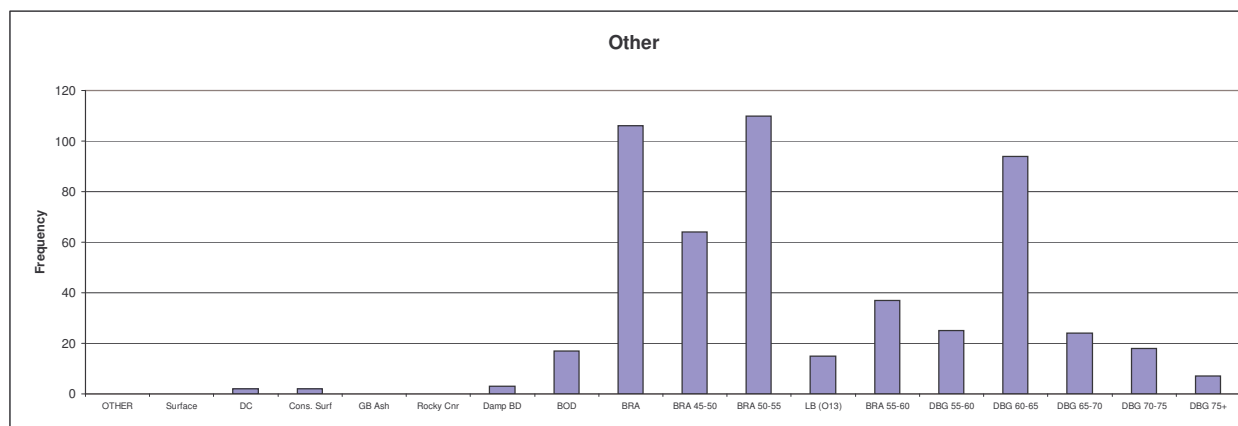


Figure 5.50. Balerno Main Shelter: Frequencies of 'Other' stone tools.

Table 5.37a. Balerno Shelter 2: Frequency of stone tools in the Total Assemblage.

Assemblage Grand Total	SURFACE	GB 0-5	GB 5-10	GB 10-15	GB 15-20	OB 0-5	OB 5-10	OB 10-15	OB 15-20	OB 20-25	OB 25-30	OB 30-35	TOTAL
Total frequency	249	2003	1346	295	160	27	27	12	18	23	23	19	4190

Table 5.37b. Balerno Shelter 2: Percentage of the Total Assemblage.

% of Total Assemblage	
Informal	95.3%
Utilised	0.1%
Retouched / Backed (misc)	0.4%
Formal	2.4%
Other	2.1%

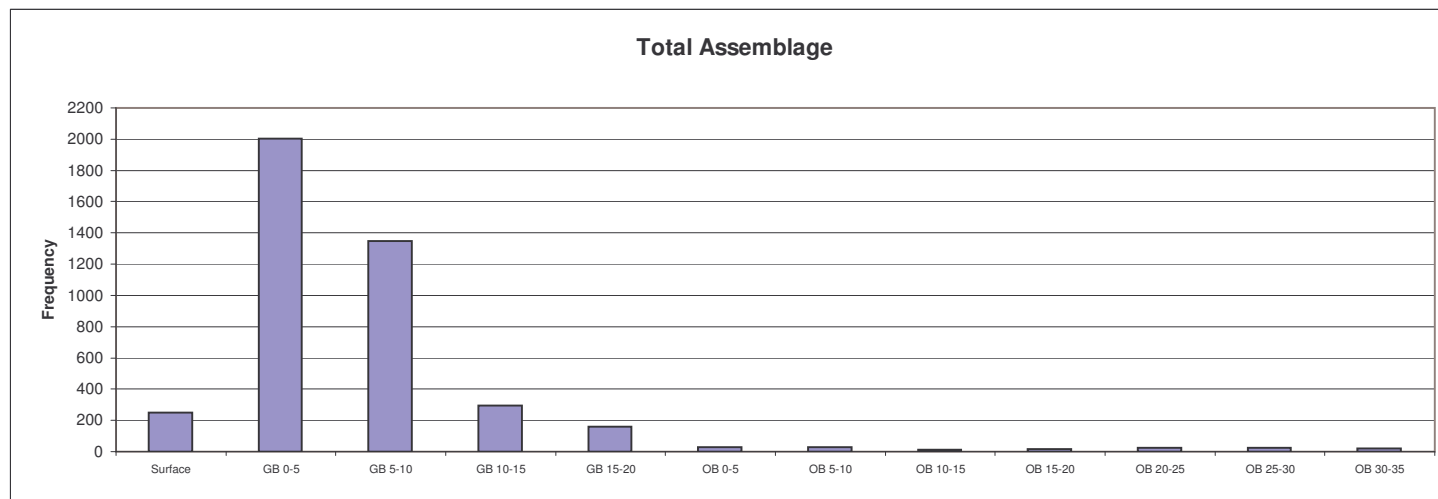


Figure 5.52. Balerno Shelter 2: Frequencies of stone tools in the Total Assemblage.

Table 5.38. Balerno Shelter 2: Raw materials used in the Total Assemblage.

	Surface	GB 0-5	GB 5-10	GB 10-15	GB 15-20	OB 0-5	OB 5-10	OB 10-15	OB 15-20	OB 20-25	OB 25-30	OB 30-35	TOTAL
Chert	133 53.6%	919 47.7%	593 44.4%	125 42.7%	69 43.9%	12 44.4%	11 40.7%	6 50.0%	13 72.2%	10 43.5%	20 69.0%	6 31.6%	1917 46.6%
Agate	17 6.9%	112 5.8%	60 4.5%	13 4.4%	13 8.3%	0.0%	4 14.8%	1 8.3%	2 11.1%	0.0%	0.0%	1 5.3%	223 5.4%
Quartz	52 21.0%	475 24.6%	330 24.7%	71 24.2%	33 21.0%	7 25.9%	4 14.8%	5 41.7%	1 5.6%	9 39.1%	9 31.0%	11 57.9%	1007 24.5%
F-G Dolerite	23 9.3%	162 8.4%	179 13.4%	23 7.8%	10 6.4%	3 11.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	400 9.7%
F-G Quartzite	23 9.3%	260 13.5%	173 13.0%	61 20.8%	32 20.4%	5 18.5%	8 29.6%	0.0%	2 11.1%	4 17.4%	0.0%	1 5.3%	569 13.8%
TOTAL (Total per bucket)	248 248.0	1928 107.1	1335 95.4	293 36.6	157 19.6	27 4.5	27 6.8	12 4.0	18 4.5	23 5.8	29 9.7	19 19.0	4116

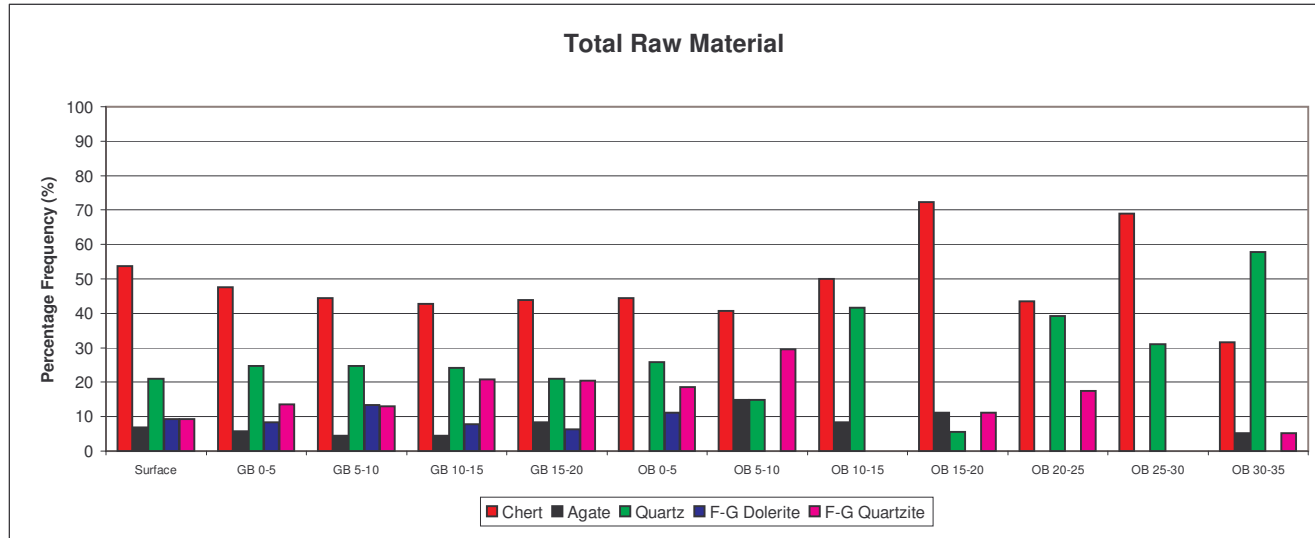


Figure 5.53. Balerno Shelter 2: Raw materials used in the Total Assemblage.

Table 5.39. Balerno Shelter 2: Informal stone tool inventory.

INFORMAL	SURFACE		GB 0-5		GB 5-10		GB 10-15		GB 15-20		OB 0-5		OB 5-10		OB 10-15		OB 15-20		OB 20-25		OB 25-30		OB 30-35		TOTAL
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	
Chunks	59	24.6	532	28.5	338	26.1	71	24.8	39	25.3	5	19.2	8	32.0	1	9.1	2	11.1	4	17.4	6	21.4	7	36.8	1072
Cortical chunks	21	8.8	112	6.0	72	5.6	21	7.3	5	3.2	0	0.0	1	4.0	0	0.0	7	38.9	4	17.4	8	28.6	3	15.8	254
Flakes	29	12.1	291	15.6	287	22.2	59	20.6	26	16.9	8	30.8	3	12.0	6	54.5	0	0.0	3	13.0	3	10.7	3	15.8	718
Cortical flakes	3	1.3	42	2.2	32	2.5	3	1.0	1	0.6	2	7.7	1	4.0	0	0.0	0	0.0	0	0.0	0	0.0	1	5.3	85
Broken flakes																									
Proximal	59	24.6	406	21.7	292	22.6	69	24.1	42	27.3	4	15.4	5	20.0	3	27.3	6	33.3	8	34.8	5	17.9	4	21.1	903
Medial	4	1.7	37	2.0	30	2.3	1	0.3	2	1.3	0	0.0	0	0.0	0	0.0	1	5.6	0	0.0	1	3.6	0	0.0	76
Distal	26	10.8	157	8.4	91	7.0	23	8.0	10	6.5	6	23.1	4	16.0	0	0.0	1	5.6	1	4.3	1	3.6	0	0.0	320
Blades	0	0.0	10	0.5	4	0.3	1	0.3	3	1.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	18
Broken blades	4	1.7	8	0.4	3	0.2	2	0.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	4.3	0	0.0	1	5.3	19
Bladelets	1	0.4	26	1.4	19	1.5	5	1.7	8	5.2	0	0.0	0	0.0	0	0.0	0	0.0	1	4.3	0	0.0	0	0.0	60
Broken bladelets	1	0.4	81	4.3	48	3.7	18	6.3	6	3.9	1	3.8	3	12.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	158
Irregular cores	4	1.7	14	0.7	4	0.3	2	0.7	3	1.9	0	0.0	0	0.0	1	9.1	0	0.0	0	0.0	1	3.6	0	0.0	29
Bipolar cores	17	7.1	82	4.4	37	2.9	2	0.7	3	1.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	7.1	0	0.0	143
Bipolar bladelet cores	0	0.0	0	0.0	0	0.0	3	1.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3
Bipolar "rice seed" cores	3	1.3	7	0.4	9	0.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	19
Battered pieces	5	2.1	43	2.3	17	1.3	5	1.7	5	3.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	75
Split cobble coreS	1	0.4	5	0.3	5	0.4	0	0.0	1	0.6	0	0.0	0	0.0	0	0.0	0	0.0	1	4.3	0	0.0	0	0.0	13
Preliminary flaked cores	1	0.4	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	5.6	0	0.0	0	0.0	0	0.0	3
Split cobbles/pebbles	2	0.8	9	0.5	4	0.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	3.6	0	0.0	16
Lozenge chunks	0	0.0	6	0.3	2	0.2	1	0.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9
Total frequency (Total per bucket)	240	100	1869	100	1294	100	286	100	154	100	26	100	25	100	11	100	18	100	23	100	28	100	19	100	3994
	240.0		103.8		92.4		35.8		19.3		4.3		6.3		3.7		4.5		5.8		9.3		19.0		

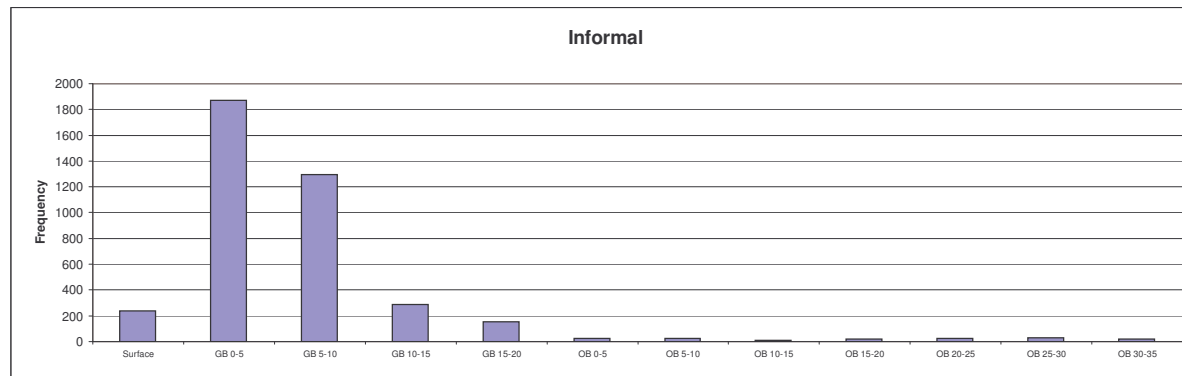


Figure 5.54. Balerno Shelter 2: Frequencies of Informal stone tools.

Table 5.40. Balerno Shelter 2: Raw materials used in Informal stone tools.

	Surface	GB 0-5	GB 5-10	GB 10-15	GB 15-20	OB 0-5	OB 5-10	OB 10-15	OB 15-20	OB 20-25	OB 25-30	OB 30-35	TOTAL
Chert	126 52.5%	866 46.3%	561 43.3%	120 42.0%	67 43.5%	11 42.3%	10 40.0%	5 45.5%	13 72.2%	10 43.5%	19 67.9%	6 31.6%	1814 45.4%
Agate	16 6.7%	108 5.8%	56 4.3%	11 3.8%	12 7.8%	0.0%	3 12.0%	1 9.1%	2 11.1%	0.0%	0.0%	1 5.3%	210 5.3%
Quartz	52 21.7%	473 25.3%	329 25.4%	71 24.8%	33 21.4%	7 26.9%	4 16.0%	5 45.5%	1 5.6%	9 39.1%	9 32.1%	11 57.9%	1004 25.1%
F-G Dolerite	23 9.6%	163 8.7%	178 13.7%	23 8.0%	10 6.5%	3 11.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	400 10.0%
F-G Quartzite	23 9.6%	259 13.9%	171 13.2%	61 21.3%	32 20.8%	5 19.2%	8 32.0%	0.0%	2 11.1%	4 17.4%	0.0%	1 5.3%	566 14.2%
TOTAL (Total per bucket)	240 240.0	1869 103.8	1295 92.5	286 35.8	154 19.3	26 4.3	25 6.3	11 3.7	18 4.5	23 5.8	28 9.3	19 19.0	3994

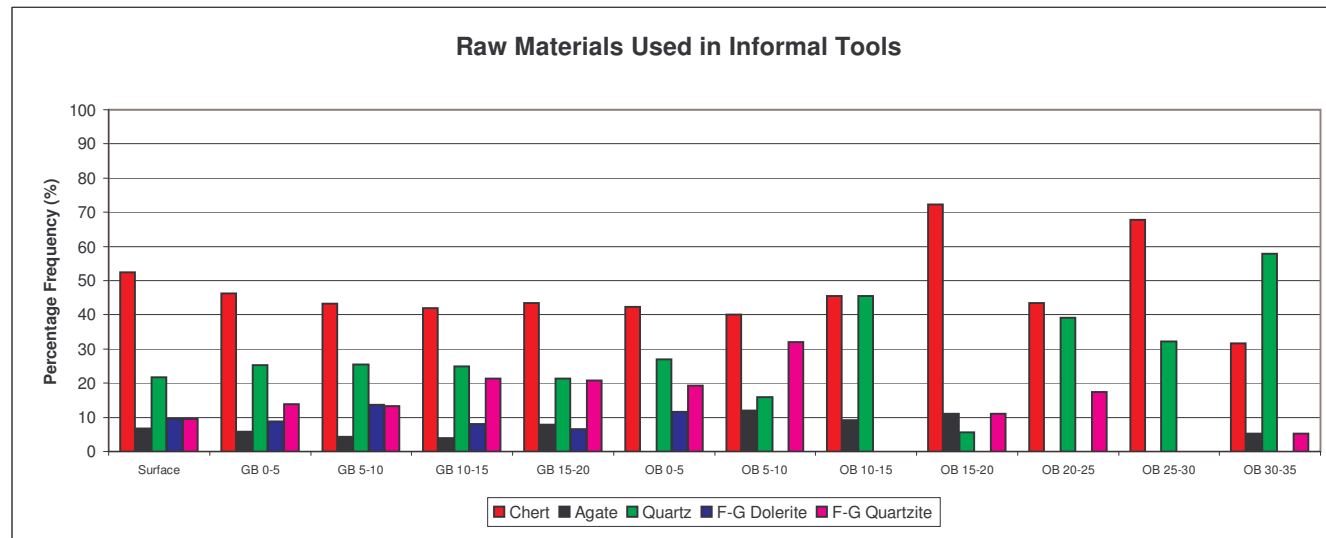


Figure 5.56. Balerno Shelter 2: Raw materials used in Informal stone tools.

Table 5.41. Balerno Shelter 2: Raw materials used in total chunks (cortical + non-cortical).

	Surface	GB 0-5	GB 5-10	GB 10-15	GB 15-20	OB 0-5	OB 5-10	OB 10-15	OB 15-20	OB 20-25	OB 25-30	OB 30-35	TOTAL
Chert	61 76.3%	355 55.1%	233 56.8%	45 48.4%	23 52.3%	3 60.0%	4 44.4%	1 100.0%	7 77.8%	5 62.5%	13 92.9%	5 50.0%	755 56.9%
Agate	4 5.0%	36 5.6%	13 3.2%	4 4.3%	2 4.5%	0.0%	2 22.2%	0.0%	2 22.2%	0.0%	0.0%	1 10.0%	64 4.8%
Quartz	10 12.5%	140 21.7%	102 24.9%	23 24.7%	8 18.2%	1 20.0%	2 22.2%	0.0%	0.0%	2 25.0%	1 7.1%	4 40.0%	293 22.1%
F-G Dolerite	1 1.3%	40 6.2%	32 7.8%	8 8.6%	3 6.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	84 6.3%
F-G Quartzite	4 5.0%	73 11.3%	30 7.3%	13 14.0%	8 18.2%	1 20.0%	1 11.1%	0.0%	0.0%	1 12.5%	0.0%	0.0%	131 9.9%
TOTAL (Total per bucket)	80 80.0	644 35.8	410 29.3	93 11.6	44 5.5	5 0.8	9 2.3	1 0.3	9 2.3	8 2.0	14 4.7	10 10.0	1327

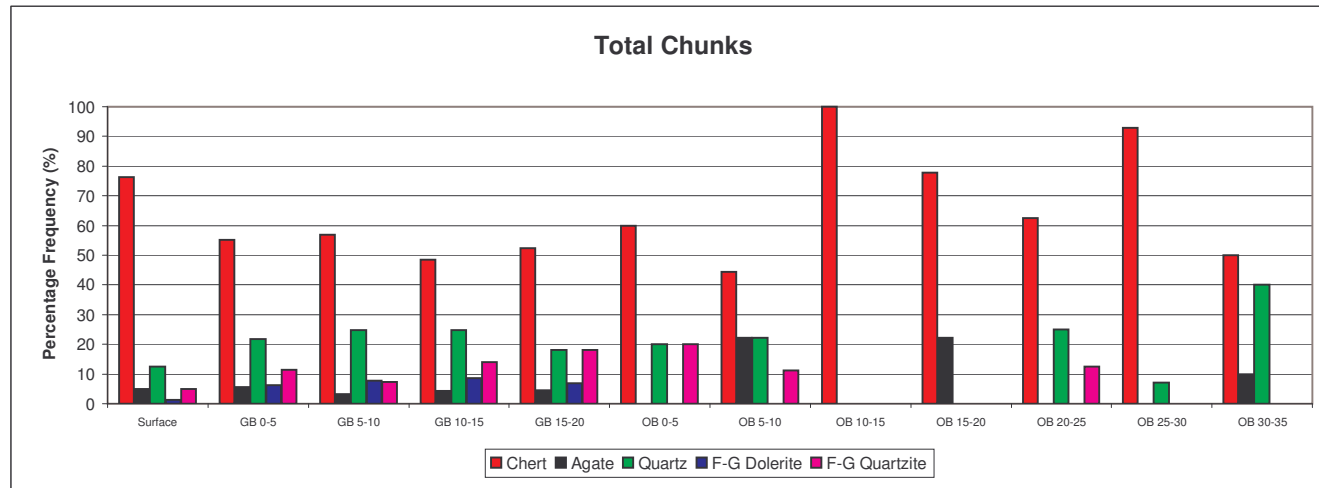


Figure 5.57. Balerno Shelter 2: Raw materials used in total chunks (cortical + non-cortical).

Table 5.42. Balerno Shelter 2: Raw materials used in total flakes (cortical + non-cortical).

	Surface	GB 0-5	GB 5-10	GB 10-15	GB 15-20	OB 0-5	OB 5-10	OB 10-15	OB 15-20	OB 20-25	OB 25-30	OB 30-35	TOTAL
Chert	13 40.6%	145 43.5%	116 36.4%	24 38.7%	7 25.9%	3 30.0%	2 50.0%	3 50.0%	0.0%	1 33.3%	0.0%	1 25.0%	314 39.3%
Agate	3 9.4%	25 7.5%	15 4.7%	0.0%	2 7.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	45 5.6%
Quartz	5 15.6%	73 21.9%	72 22.6%	14 22.6%	7 25.9%	4 40.0%	1 25.0%	3 50.0%	0.0%	1 33.3%	3 100.0%	2 50.0%	184 23.0%
F-G Dolerite	6 18.8%	35 10.5%	58 18.2%	7 11.3%	1 3.7%	1 10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	108 13.5%
F-G Quartzite	5 15.6%	55 16.5%	58 18.2%	17 27.4%	10 37.0%	2 20.0%	1 25.0%	0.0%	0.0%	1 33.3%	0.0%	1 25.0%	149 18.6%
TOTAL (Total per bucket)	32 32.0	333 18.5	319 22.8	62 7.8	27 3.4	10 1.7	4 1.0	6 2.0	0 0.0	3 0.8	3 1.0	4 4.0	800

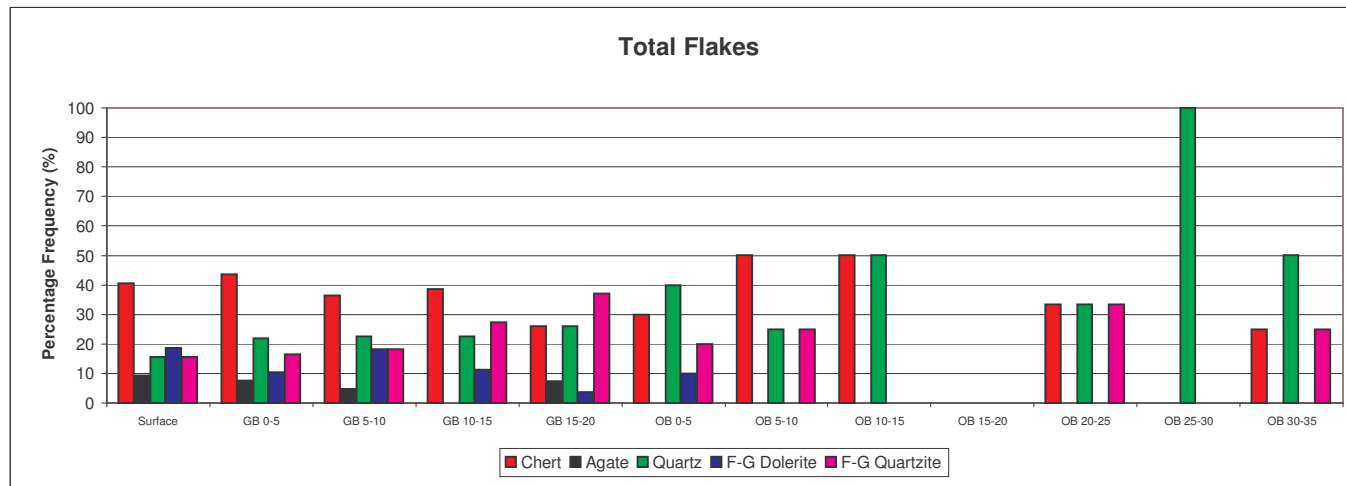


Figure 5.58. Balerno Shelter 2: Raw materials used in total flakes (cortical + non-cortical).

Table 5.43. Balerno Shelter 2: Raw materials used in total cores (including battered pieces).

	Surface	GB 0-5	GB 5-10	GB 10-15	GB 15-20	OB 0-5	OB 5-10	OB 10-15	OB 15-20	OB 20-25	OB 25-30	OB 30-35	TOTAL
Chert	11 36.7%	78 52.0%	29 40.3%	7 58.3%	6 50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3 100.0%	0.0%	134 47.7%
Agate	4 13.3%	8 5.3%	2 2.8%	0.0%	3 25.0%	0.0%	0.0%	1 100.0%	0.0%	0.0%	0.0%	0.0%	18 6.4%
Quartz	11 36.7%	61 40.7%	40 55.6%	4 33.3%	3 25.0%	0.0%	0.0%	0.0%	0.0%	1 100.0%	0.0%	0.0%	120 42.7%
F-G Dolerite	1 3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1 0.4%
F-G Quartzite	3 10.0%	3 2.0%	1 1.4%	1 8.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	8 2.8%
TOTAL (Total per bucket)	30 30.0	150 8.3	72 5.1	12 1.5	12 1.5	0 0.0	0 0.0	1 0.3	0 0.0	1 0.3	3 1.0	0 0.0	281

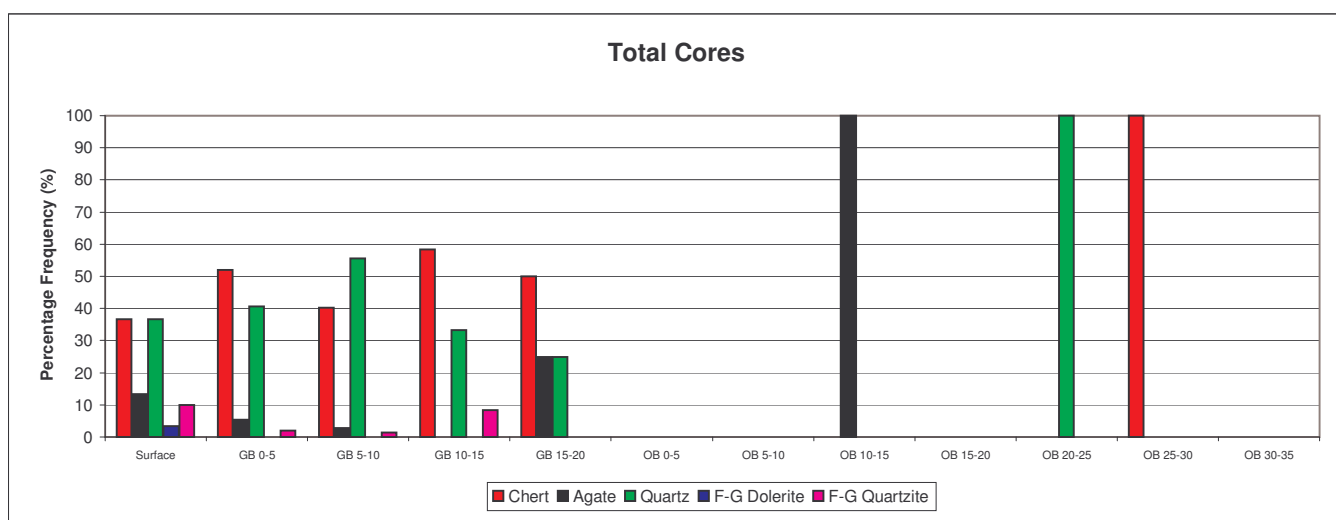


Figure 5.59. Balerno Shelter 2: Raw materials used in total cores (including battered pieces).

Table 5.44. Balerno Shelter 2: Utilised stone tool inventory.

UTILISED	SURFACE		GB 0-5		GB 5-10		GB 10-15		GB 15-20		OB 0-5		OB 5-10		OB 10-15		OB 15-20		OB 20-25		OB 25-30		OB 30-35		TOTAL	
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%		
Flakes		0.0	4	100.0	2	100.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		6
Total frequency (Total per bucket)	0	100	4	100	2	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	6	
	0.0		0.2		0.1		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0			

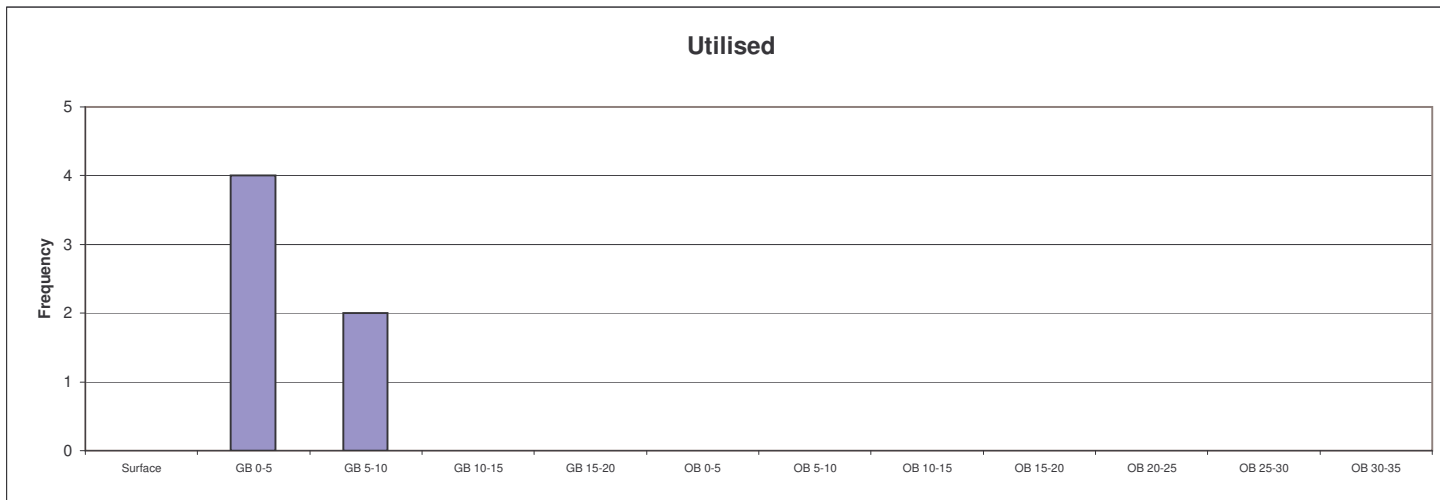


Figure 5.60. Balerno Shelter 2: Frequencies of Utilised stone tools.

Table 5.45. Balerno Shelter 2: Retouched / Backed (miscellaneous) stone tool inventory.

RETOUCHED /BACKED (misc.)	SURFACE		GB 0-5		GB 5-10		GB 10-15		GB 15-20		OB 0-5		OB 5-10		OB 10-15		OB 15-20		OB 20-25		OB 25-30		OB 30-35		TOTAL
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	
Retouched flake		0.0		0.0	1	33.3	1	100.0		0.0		0.0		0.0		0.0		0.0		0.0	1	100.0		0.0	3
Miscellaneous retouch		0.0	2	20.0	2	66.7		0.0		0.0	1	100.0		0.0		0.0		0.0		0.0		0.0		0.0	5
Broken retouch	1	100.0	5	50.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	6
Broken backed		0.0	3	30.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	3
Total frequency (Total per bucket)	1	100	10	100	3	100	1	100	0	100	1	100	0	100	0	100	0	100	0	100	1	100	0	100	17
	1.0		0.6		0.2		0.1		0.0		0.2		0.0		0.0		0.0		0.0		0.3		0.0		

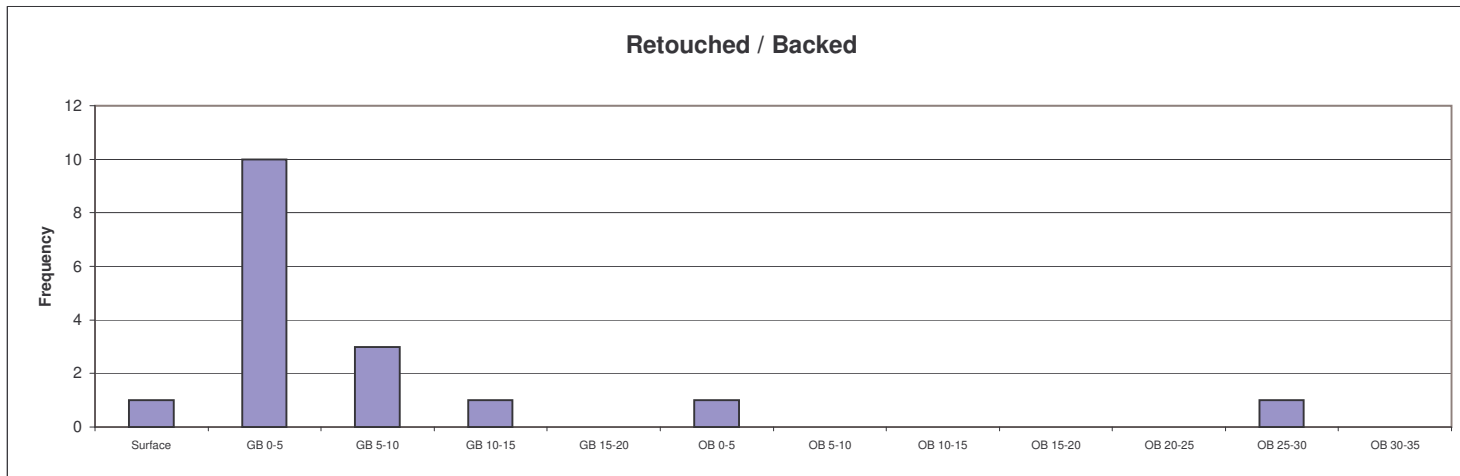


Figure 5.62. Balerno Shelter 2: Frequencies of broken / miscellaneously Retouched / Backed stone tools.

Table 5.46. Balerno Shelter 2: Raw materials used in Utilised stone tools.

	Surface	GB 0-5	GB 5-10	GB 10-15	GB 15-20	OB 0-5	OB 5-10	OB 10-15	OB 15-20	OB 20-25	OB 25-30	OB 30-35	TOTAL
Chert	0.0%	4	1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	5
Agate	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0
Quartz	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0
F-G Dolerite	0.0%	0.0%	1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1
F-G Quartzite	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0
TOTAL (Total per bucket)	0 0.0	4 0.2	2 0.1	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	6

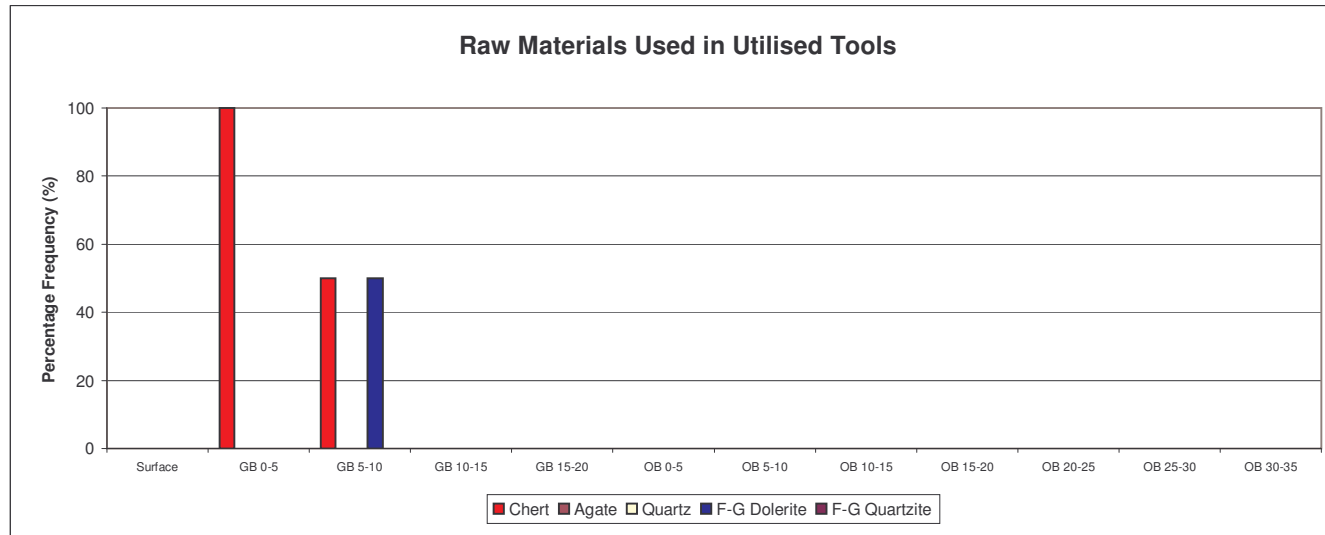


Figure 5.63. Balerno Shelter 2: Raw materials used in Utilised stone tools.

Table 5.47. Balerno Shelter 2: Raw materials used in Retouched / Backed (miscellaneous) stone tools.

	Surface	GB 0-5	GB 5-10	GB 10-15	GB 15-20	OB 0-5	OB 5-10	OB 10-15	OB 15-20	OB 20-25	OB 25-30	OB 30-35	TOTAL
Chert	1 100.0%	9 90.0%	3 100.0%	1 100.0%	0.0%	1 100.0%	0.0%	0.0%	0.0%	0.0%	1 100.0%	0.0%	16 94.1%
Agate	0.0%	1 10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1 5.9%
Quartz	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0 0.0%
F-G Dolerite	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0 0.0%
F-G Quartzite	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0 0.0%
TOTAL (Total per bucket)	1 1.0	10 0.4	3 0.2	1 0.1	0 0.0	1 0.2	0 0.0	0 0.0	0 0.0	0 0.0	1 0.3	0 0.0	17

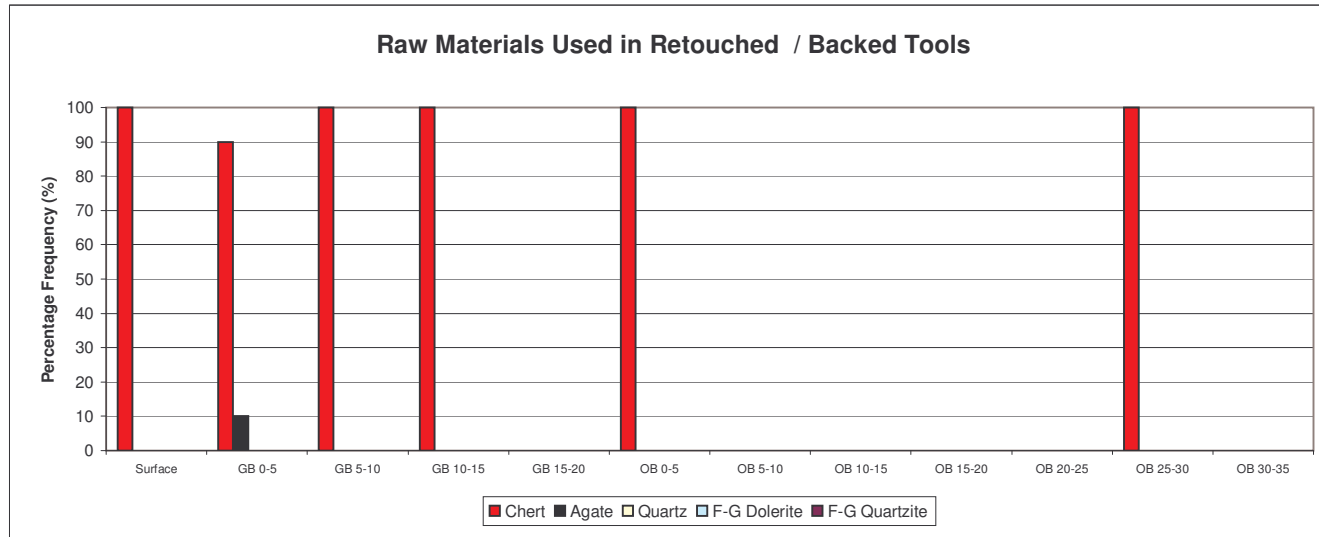


Figure 5.64. Balerno Shelter 2: Raw materials used in broken / miscellaneous Retouched / Backed stone tools.

Table 5.48. Balerno Shelter 2: Formal stone tool inventory.

FORMAL	SURFACE		GB 0-5		GB 5-10		GB 10-15		GB 15-20		OB 0-5		OB 5-10		OB 10-15		OB 15-20		OB 20-25		OB 25-30		OB 30-35		TOTAL	
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%		
End scraper (small)	5	71.4	22	46.8	16	44.4	3	50.0	1	33.3	0.0	0.0	1	50.0	1	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49
End scraper (medium)	1	14.3	2	4.3	3	8.3	2	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	
End scraper (large)	0.0	0.0	1	2.1	1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	
Side scraper (small)	0.0	0.0	1	2.1	1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	
End & side scraper (small)	0.0	0.0	5	10.6	2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7	
End & end scraper (small)	0.0	0.0	0.0	0.0	1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	
Side & side scraper (small)	0.0	0.0	1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	
All-round scraper (small)	0.0	0.0	1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	
Broken scrapers	1	14.3	6	12.8	2	5.6	1	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	
Segments	0.0	0.0	2	4.3	2	5.6	0.0	0.0	1	33.3	0.0	0.0	1	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6	
Broken segments	0.0	0.0	1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	
Backed flakes	0.0	0.0	0.0	0.0	1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	
Adze	0.0	0.0	1	2.1	1	2.8	0.0	0.0	1	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3	
Scraper-adze (small)	0.0	0.0	2	4.3	5	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7	
Spokeshave	0.0	0.0	1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1	
Plane	0.0	0.0	1	2.1	1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	
Total frequency (Total per bucket)	7	7.0	47	2.6	36	2.6	6	0.8	3	0.4	100	0.0	2	0.5	100	0.3	0	0.0	100	0.0	100	0.0	100	0.0	105	

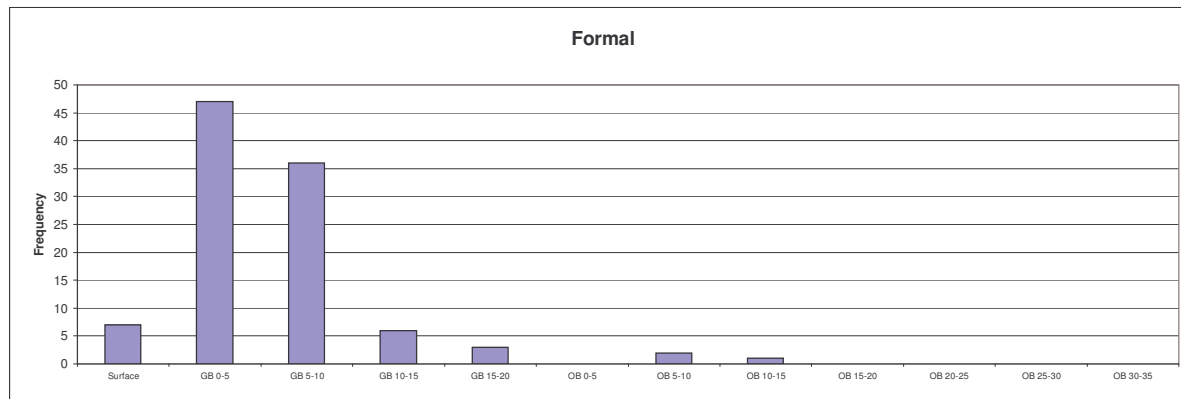


Figure 5.65. Balerno Shelter 2: Frequencies of Formal stone tools.

Table 5.49. Balerno Shelter 2: Raw materials used in Formal stone tools.

	Surface	GB 0-5	GB 5-10	GB 10-15	GB 15-20	OB 0-5	OB 5-10	OB 10-15	OB 15-20	OB 20-25	OB 25-30	OB 30-35	TOTAL
Chert	6 85.7%	43 86.0%	28 77.8%	4 66.7%	2 66.7%	0.0%	1 50.0%	1 100.0%	0.0%	0.0%	0.0%	0.0%	85 81.0%
Agate	1 14.3%	3 6.0%	4 11.1%	2 33.3%	1 33.3%	0.0%	1 50.0%	0.0%	0.0%	0.0%	0.0%	0.0%	12 11.4%
Quartz	0.0%	2 4.0%	1 2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3 2.9%
F-G Dolerite	0.0%	1 2.0%	1 2.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2 1.9%
F-G Quartzite	0.0%	1 2.0%	2 5.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3 2.9%
TOTAL (Total per bucket)	7 7.0	50 2.7	36 2.5	6 0.8	3 0.4	0 0.0	2 0.5	1 0.3	0 0.0	0 0.0	0 0.0	0 0.0	105

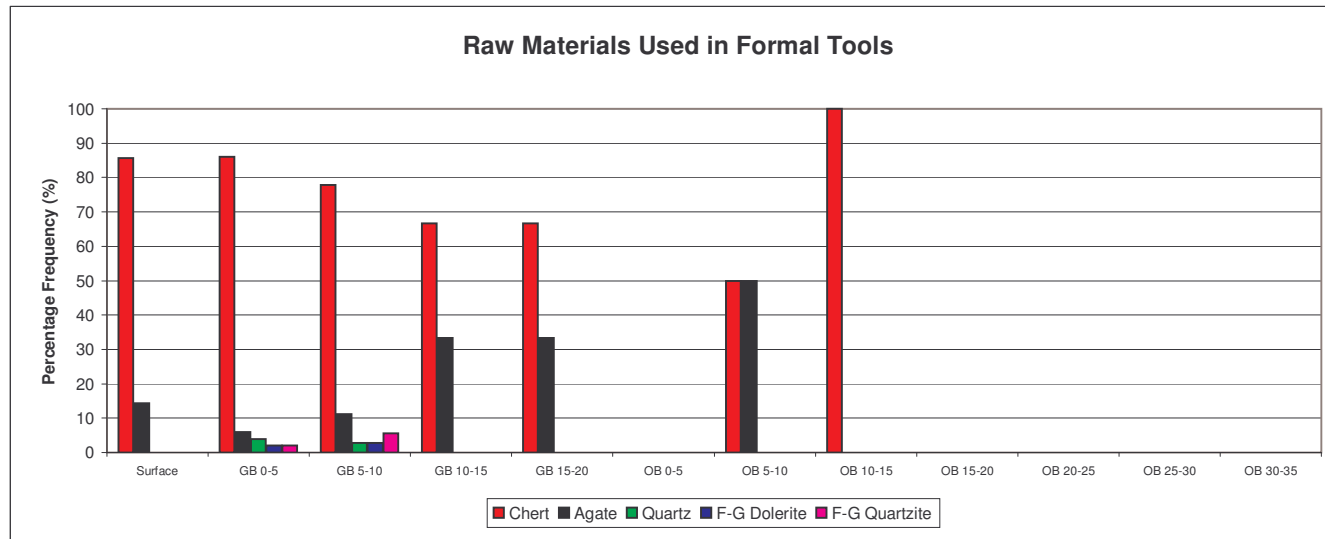


Figure 5.68. Balerno Shelter 2: Raw materials used in Formal stone tools.

Table 5.50. Balerno Shelter 2: Raw materials used in total scrapers.

	Surface	GB 0-5	GB 5-10	GB 10-15	GB 15-20	OB 0-5	OB 5-10	OB 10-15	OB 15-20	OB 20-25	OB 25-30	OB 30-35	TOTAL
Chert	6 85.7%	34 87.2%	19 73.1%	4 66.7%	1 100.0%	0.0%	1 100.0%	1 100.0%	0.0%	0.0%	0.0%	0.0%	66 81.5%
Agate	1 14.3%	3 7.7%	4 15.4%	2 33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	10 12.3%
Quartz	0.0%	1 2.6%	1 3.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2 2.5%
F-G Dolerite	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0 0.0%
F-G Quartzite	0.0%	1 2.6%	2 7.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3 3.7%
TOTAL (Total per bucket)	7 7.0	39 2.2	26 1.9	6 0.8	1 0.1	0 0.0	1 0.3	1 0.3	0 0.0	0 0.0	0 0.0	0 0.0	81

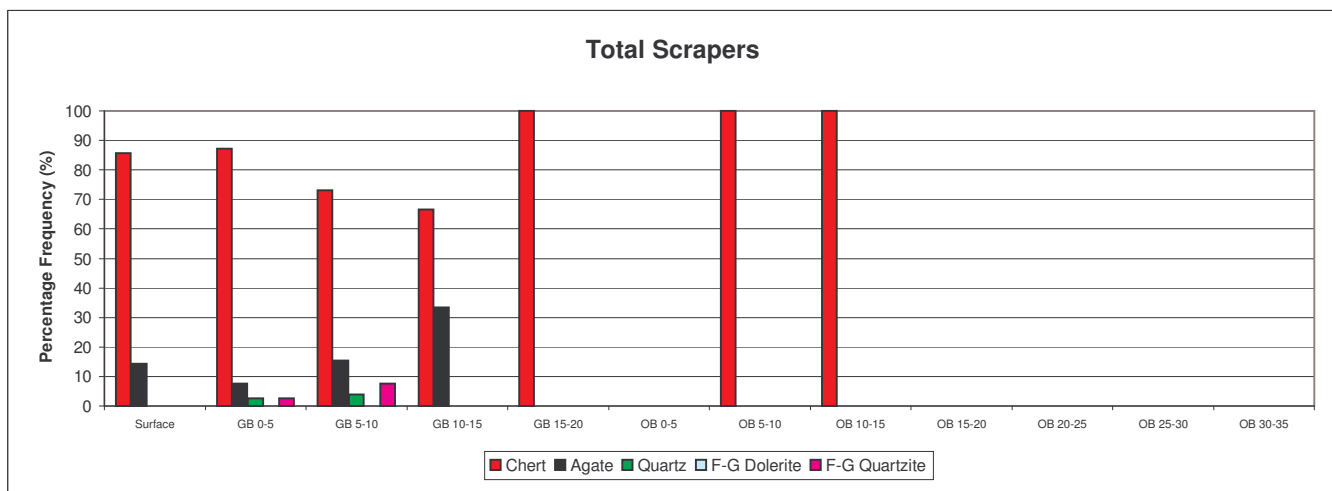


Figure 5.69. Balerno Shelter 2: Raw materials used in total scrapers (including broken scrapers).

Table 5.51. Balerno Shelter 2: Raw materials used in total segments.

	Surface	GB 0-5	GB 5-10	GB 10-15	GB 15-20	OB 0-5	OB 5-10	OB 10-15	OB 15-20	OB 20-25	OB 25-30	OB 30-35	TOTAL
Chert	0.0%	2 66.7%	2 100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4 57.1%
Agate	0.0%	0.0%	0.0%	0.0%	1 100.0%	0.0%	1 100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2 28.6%
Quartz	0.0%	1 33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1 14.3%
F-G Dolerite	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0 0.0%
F-G Quartzite	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0 0.0%
TOTAL (Total per bucket)	0 0.0	3 0.2	2 0.1	0 0.0	1 0.1	0 0.0	1 0.3	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	7

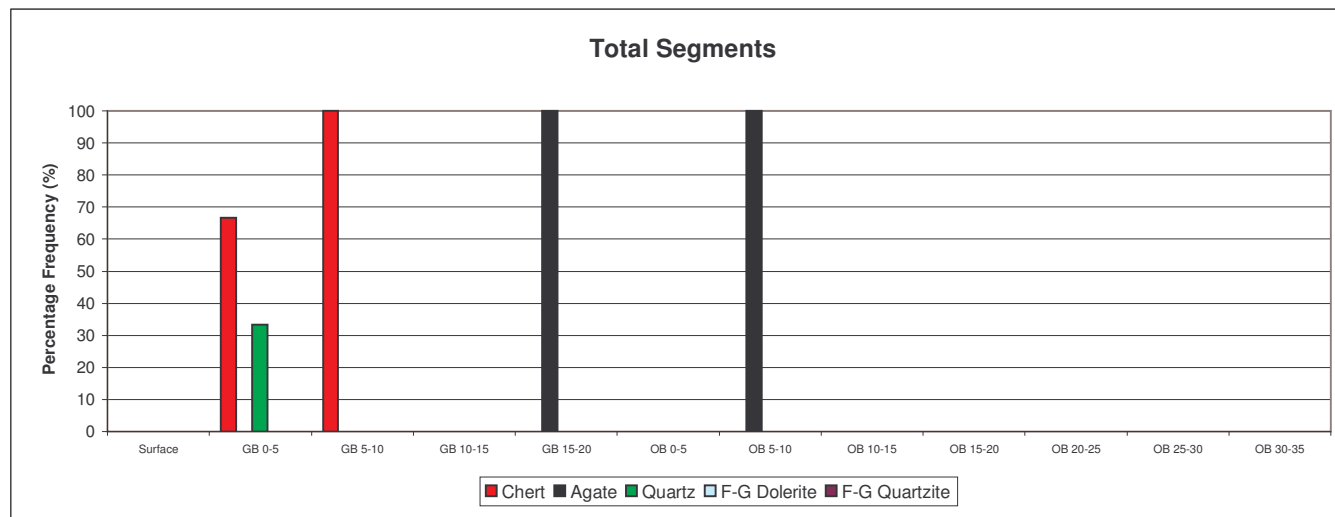


Figure 5.70. Balerno Shelter 2: Raw materials used in total segments (including broken segments).

Table 5.52. Balerno Shelter 2: 'Other' stone tool inventory.

OTHER	SURFACE		GB 0-5		GB 5-10		GB 10-15		GB 15-20		OB 0-5		OB 5-10		OB 10-15		OB 15-20		OB 20-25		OB 25-30		OB 30-35		TOTAL		
	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%	f	%			
Small pebbles (<10mm)		0.0	2	2.7	1	9.1	1	50.0	1	33.3		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	5
Unused nodules (>10mm)	1	100.0		0.0	2	18.2		0.0	1	33.3		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	4
Coarse-grained dolerite chunks		0.0	69	94.5	6	54.5		0.0	1	33.3		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	76
Rose quartz crystal (<15mm)		0.0	1	1.4		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	1
Rock crystal (<15mm)		0.0		0.0		0.0	1	50.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	1
Broken anvil/grindstone		0.0		0.0	1	9.1		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	1
Broken rubbing/nutting stone		0.0	1	1.4		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	1
Polished sandstone piece		0.0		0.0	1	9.1		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	1
Total frequency (Total per bucket)	1	100	73	100	11	100	2	100	3	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	0	100	90
	1.0		4.1		0.8		0.3		0.4		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		

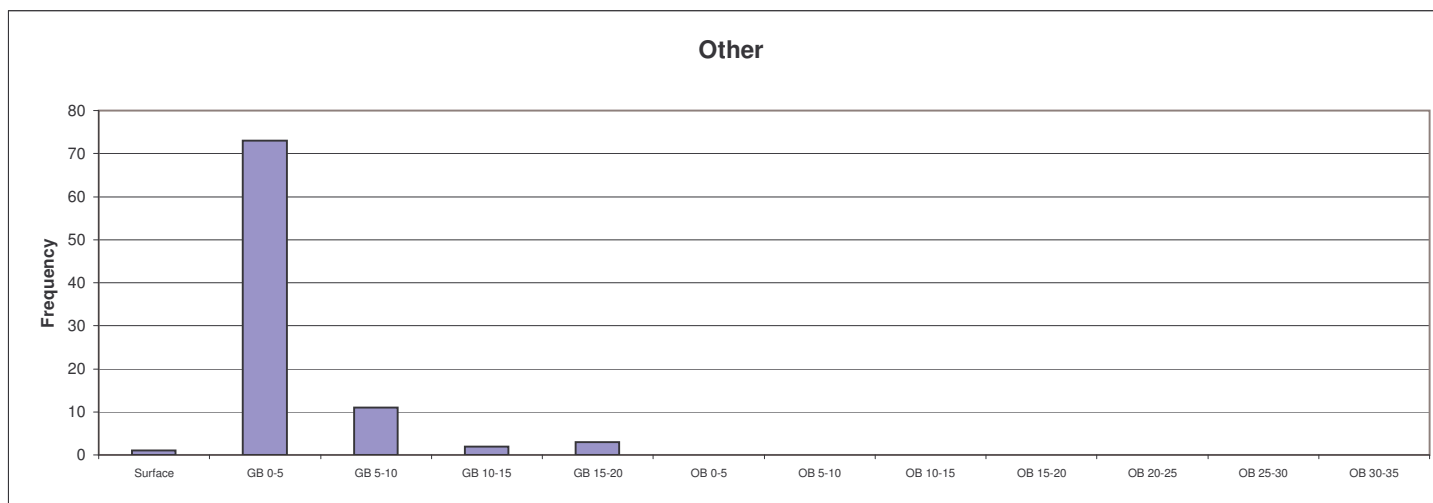


Figure 5.71. Balerno Shelter 2: Frequencies of 'Other' stone tools.