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## MANUSCRIPT SOURCES

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- ADM 101/95          Log Surgeon Gunn - HMS *Curacoa*, at Pitcairn's Island Aug 1841
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### **Norfolk Island Museum**

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Christian, M. 1873 Letter from Miriam Christian to her mother Elizabeth Mills

### **Pacific Manuscripts Bureau**

PMB 302 Ship *Hector* at Pitcairn 12 Oct – 7 Nov 1853  
PMB 318 Ship *Charles* at Pitcairn 27 – 30 Jan 1843  
PMB 375 Ship *Christopher Mitchell* at Pitcairn 7 – 9 Aug 1842  
PMB 375 Ship *Constitution* at Pitcairn 6 – 11 Sept 1850  
PMB 379 Ship *Mariner* at Pitcairn 2 – 7 Feb 1842  
PMB 380 Ship *Navigator* at Pitcairn 30 June – 19 July 1850  
PMB 380 Ship *Navigator* at Pitcairn 2 – 9 Oct 1850  
PMB 386 Ship *Three Brothers* at Pitcairn 19 – 29 Aug 1847  
PMB 671 Ship *Triton* at Pitcairn 23 – 25 March 1836  
PMB 783 Ship *Henry* at Pitcairn 18 – 23 July 1850  
PMB 847 Ship *Phoenix* at Pitcairn 25 – 27 Jan; 25 – 29 Jul; 5 – 9 Nov 1850  
PMB 890 Ship *Russell* at Pitcairn Feb – March 1822

### **National Archives of Australia**

NAA CP 599/1 Copies of Pitcairn and Norfolk Island Despatches 1837 – 1897

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## **GRAPHIC MATERIAL**

### **National Library of Australia**

Beechey, F.W.      1825b *House of John Adams*, pencil drawing, Rex Nan Kivell Collection NK 9603/3, NLA T929.

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Anon                  1906 *View of Adamstown*, Photograph taken during the visit of HMS *Cambrian*, ML PXB 2f.26.

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Dashwood, G.F.      1833 untitled, ML Z PXA 1679

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Smyth, W.            1825a *Pitcairn Island*, Water-colour painting in sketch book, ML PXB 55f.41.

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Addison                The House and Tomb of John Adams PX 55

Beechey, F.W.        1825a *Chart of Pitcairn Island*, DL F8/82.

### **National Maritime Museum, Greenwich**

Anon                  *Bounty* sheer plan NMM 6340A

## **PERSONAL COMMUNICATIONS**

D. Brown              Dave Brown, Pitcairn Island resident.  
L. Brown              Lee Brown, Pitcairn Island resident.  
J. Carpenter          Jon Carpenter, Senior Conservator, Dept.of Materials Conservation, WAM.  
R. Carter              Professor Richard Carter, Geology Department, James Cook University.  
C. Christian          Charles Christian, Pitcairn Island resident.  
S. Christian          Steve Christian, Pitcairn Island Magistrate 2000

T. Christian	Tom Christian, Pitcairn Island resident.
A. Cooper	A/Professor Alan Cooper, Geology Department, University of Otago.
K. Field	Kingsley Field, New Zealand Cartridge Collectors Club.
I. Godfrey	Dr Ian Godfrey, Dept. of Materials Conservation, WAM.
P. Mills	A/Professor Peter Mills, Dept. of Anthropology, University of Hawaii.
P. Muhlhausler	Professor Peter Muhlhausler, Centre for European Studies, Linguistics, University of Adelaide.
S. van Dyck	Dr Stephen van Dyck, Queensland Museum
J. Warren	Jacob Warren, Pitcairn Island resident.
J. Warren	Jay Warren, Pitcairn Island Magistrate (until 2000)
M. Warren	Mavis Warren, Pitcairn Island resident.
R. Warren	Reynold Warren, Pitcairn Island resident.
J. Warnock	James Warnock, resident Bunbury, WA.
J. Willoz-Egnor	Jeanne Willoz-Egnor, Collections Manager, The Mariners' Museum, Newport News, Virginia.

## **Appendix A.1**

### **Register of Artefacts from Pitcairn Island land sites**

**Key to Functional Typologies:**

**ARCHITECTURAL**

- 1a Construction
- 1b Furnishings

**FOODWAYS**

- 2a Preparation
- 2b Service
- 2c Storage
- 2d Food remains
- 2e Procurement

**CLOTHING**

- 3a Fasteners
- 3b Manufacture
- 3c Other

**PERSONAL**

- 4a Decorative
- 4b Recreational
- 4c Cosmetic
- 4d Monetary
- 4e Other

**LABOUR**

- 5a Farming
- 5b Fishing
- 5c Industrial
- 5d Other

**Material Symbols:**

cer – ceramic  
met - metal  
gla – glass  
sto - stone  
she – shell  
pla – plastic  
bon – bone

	Site	Unit	Field #	Object	Material	Function	Comment		Weight
<b>LF0001 Thursday October's house _surface collections &amp; excavations</b>									
	LF0001	1 sur		Nil objects on surface					
	LF0001	1 spit 1	1.1	stone tool flake	sto	5d			63gms
	LF0001	1 spit 1	1.2	cer frags (2)	cer	2b	plate, olive green rim band		59gms
	LF0001	1 spit 1	1.3	cer frag	cer	2b	porcelain		3gms
	LF0001	1 spit 1	1.4	nail	met	1a	cu alloy, 37mm		2gms
	LF0001	1 spit 1	1.5	pipe bowl frag	cer	4b	spur on bowl		1gm
	LF0001	1 spit 1	1.6	bone	bon	2d	fish		<1gm
	LF0001	1 spit 2	1.7	cer frag	cer	2b	WHITE STAR LINE, plate		8gms
	LF0001	1 spit 2	1.8	cer frag	cer	2b	raised diamond pattern at rim, plate		2gms
	LF0001	1 spit 2	1.9	cer frag	cer	2b	porcelain frag		1gm
	LF0001	1 spit 2	1.10*	cer frag	cer	2b	flow blue		<1gm
	LF0001	1 spit 2	1.11	cer frag	cer	2b			2gms
	LF0001	1 spit 2	1.12	cer frag	cer	2b	plate, olive green rim band		81gms
	LF0001	1 spit 2	1.13	buckle	met	4f	cu alloy		1gm
	LF0001	1 spit 2	1.14	button	oth	3a	plastic, 2 hole		<1gm
	LF0001	1 spit 2	1.15	button	met	3a	pressed metal		1gm
	LF0001	1 spit 2	1.16	operculums (5)	she	2d			11gms
	LF0001	1 spit 2	1.17	bone frags	bon	2d			2gms
	LF0001	1 spit 2	1.18	vertebrae (2)	bon	2d	fish		<1gm
	LF0001	1 spit 2	1.19	stone tool flakes	sto	5d			144gms
	LF0001	1 spit 2	1.20*	nail frags	met	1a	iron, 9 individual + frags		60gms
	LF0001	1 spit 2	1.21	chicken wire	met	2e			16gms
	LF0001	1 spit 2	1.22	lamp shade	oth	1b	plastic		5gms
	LF0001	1 spit 2	1.23	vinyl record frags	oth	4b	33RPM		2gms
	LF0001	1 spit 2	1.24	metal frags	met	1a			11gms
	LF0001	1 spit 2	1.25	bottle glass	gla	2c	jar		12gms
	LF0001	1 spit 2	1.26	flat glass	gla	1a	2mm		2gms

Site	Unit	Field #	Object	Material	Function	Comment			Weight
LF0001	1 spit 2	1.27	moulded vessel	gla	2b				1gm
LF0001	1 spit 2	1.28	bottle frag	gla	2c	black bottle			1gm
LF0001	1 spit 3	1.29	stone tool flakes (14)	sto	5d				158gms
LF0001	1 spit 3	1.30*	pipe stem frag	cer	4b	no markings			5gms
LF0001	1 spit 3	1.31	button	met	3a	aluminium, 4 hole			2gms
LF0001	1 spit 3	1.32	button	met	3a	cu alloy, pressed , 4 hole			2gms
						"Dore & Son 20 King William St"			
LF0001	1 spit 3	1.33	button	met	3a				1gm
LF0001	1 spit 3	1.34	bone	bon	2d	fish			<1gm
LF0001	1 spit 3	1.35	cartridge	met	2e	.22 calibre			1gm
LF0001	1 spit 3	1.36	chamber pot frags	cer	4c	grey transfer on rim			130gms
LF0001	1 spit 3	1.37	cer frag	cer	2b	porcelain frag			2gms
LF0001	1 spit 3	1.38	cer frag	cer	2c	glazed earthenware			2gms
LF0001	1 spit 3	1.39	cer frag	cer	2c				2gms
LF0001	1 spit 3	1.40*	flat glass	gla	1a	3mm			8gms
LF0001	1 spit 3	1.41	nail frags	met	1a	18 individuals			104gms
LF0001	1 spit 4	1.42	nail	met	1a	cu alloy, ST. JAMES wreck Oeno type			3gms
LF0001	1 spit 4	1.43	nail	met	1a	cu alloy			6gms
LF0001	1 spit 4	1.44	nail	met	1a	iron roofing nail			7gms
LF0001	1 spit 4	1.45	button	met	3a	cu alloy, pressed, 2 hole			1gm
LF0001	1 spit 4	1.46	pipe stem frag	cer	4b	"...8 WHITE GLASCO.."			2gms
LF0001	1 spit 4	1.47	cer frag	cer	2b	cup, 4 blue bands at rim			3gms
LF0001	1 spit 4	1.48	cer frag	cer	2b	saucer, pale blue transfer			2gms
LF0001	1 spit 4	1.49	cer frag	cer	2c	stoneware			5gms
LF0001	1 spit 4	1.50*	operculums (3)	she	2d				10gms
LF0001	1 spit 4	1.51	vertebra	bon	2d	fish			1gm
LF0001	1 spit 4	1.52	barrel iron	met	2c				7gms
LF0001	1 spit 4	1.53	stone tool flakes	sto	5d				64gms

Site	Unit	Field #	Object	Material	Function	Comment			Weight
LF0001	1 spit 5	1.54	bead	gla	4a	blue glass trade bead			1gm
LF0001	1 spit 5	1.55	bead	gla	4a				<1gm
LF0001	1 spit 5	1.56	button	oth	3a	plastic			1gm
LF0001	1 spit 5	1.57	button	gla	3a	4 hole			1gm
LF0001	1 spit 5	1.58	bottle frag	gla	2c	black bottle			1gm
LF0001	1 spit 5	1.59	cer frag	cer	2b				1gm
LF0001	1 spit 5	1.60*	met frags	met	1a				83gms
LF0001	1 spit 5	1.61	stone tool flakes	sto	5d				45gms
LF0001	1 spit 5	1.62	bones	bon	2d				<1gm
LF0001	1 spit 6	1.63	cer frag	cer	2b	plate, ASIATIC PHEASANT pattern			8gms
LF0001	1 spit 6	1.64	spectacle frag	cer	4a	nose support pad			1gm
LF0001	1 spit 6	1.65	nail	met	1a				2gms
LF0001	1 spit 6	1.66	obsidian flakes (3)	sto	5d				14gms
LF0001	1 spit 6	1.67	tooth	bon	2d	goat			1gm
LF0001	1 spit 7	1.68	pipe stem frag	cer	4b	no markings			1gm
LF0001	1 spit 7	1.69	bottle frag	gla	2c	black bottle			1gm
<b>Square 2</b>									
LF0001	2 sur	1.70*	stone tool flake	sto	5d				81gms
LF0001	2 spit 1	1.71	bead	gla	4a	white glass trade bead			2gms
LF0001	2 spit 1	1.72	nail frags	met	1a	iron			5gms
LF0001	2 spit 1	1.73	washers	met	1a	cu alloy			2gms
LF0001	2 spit 1	1.74	nut	met	1a	Aluminium			2gms
LF0001	2 spit 1	1.75	pebbles	sto	unident	rounded pebbles			119gms
LF0001	2 spit 1	1.76	coral frags	she	4a				23gms
LF0001	2 spit 1	1.77	bone frag	bon	2d				1gm
LF0001	2 spit 1	1.78	cer frags	cer	2b	bowl			30gms
LF0001	2 spit 1	1.79	stone tool flakes	sto	5d				55gms

	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>		<b>Material</b>	<b>Function</b>	<b>Comment</b>				<b>Weight</b>
	LF0001	2 spit 1	1.80*	wire		met	5a					53gms
	LF0001	2 spit 1	1.81	met frags		met	1a					33gms
	LF0001	2 spit 1	1.82	stone tool flakes	sto	oth	5d					27gms
	LF0001	2 spit 1	1.83	lamp shade		oth	1b	plastic				18gms
	LF0001	2 spit 1	1.84	nails (5)		met	1a					24gms
	LF0001	2 spit 1	1.85	operculum		she	2d					3gms
	LF0001	2 spit 1	1.86	turbo shell		she	2d					20gms
	LF0001	2 spit 1	1.87	bones		bon	2d	fish				2gms
	LF0001	2 spit 1	1.88	bones		bon	2d					8gms
	LF0001	2 spit 1	1.89	cer frags (2)		cer	2b	saucer, hand painted pale blue design				35gms
	LF0001	2 spit 1	1.90*	cer frag		cer	2b	cup, NZ Shipping Line -post 1915				28gms
	LF0001	2 spit 1	1.91	cer frag		cer	2b	plate				30gms
	LF0001	2 spit 2	1.92	met frags		met	2e	chicken wire				137gms
	LF0001	2 spit 2	1.93	stone tool frags	sto	oth	5d					108gms
	LF0001	2 spit 2	1.94	nail frags		met	1a	9 individuals + frags				66gms
	LF0001	2 spit 2	1.95	lamp shade frags	oth	1b	plastic					11gms
	LF0001	2 spit 2	1.96	vinyl record frag	oth	4b	33RPM					4gms
	LF0001	2 spit 2	1.97	flat glass		gla	1a	2mm				16gms
	LF0001	2 spit 2	1.98	met frags		met	1a					25gms
	LF0001	2 spit 2	1.99	bone		bon	2d	???				2gms
	LF0001	2 spit 2	1.100*	vertebra		bon	2d	fish				<1gm
	LF0001	2 spit 2	1.101	bottle frags (clear)		gla	2c					5gms
	LF0001	2 spit 2	1.102	button		met	3a	pressed, 4 hole - "Best Ring Edge"				2gms
	LF0001	2 spit 2	1.103	button		oth	3a	plastic				<1gm
	LF0001	2 spit 2	1.104	watch frag		met	4f	sprocket frag				3gms
	LF0001	2 spit 2	1.105	cartridge frag		met	2e	12G shot gun				6gms
	LF0001	2 spit 2	1.106	cer frag		cer	2b	Pearlware, bowl frag				26gms
	LF0001	2 spit 2	1.107	cer frags (6)		cer	2b					16gms
	LF0001	2 spit 3	1.108	button		met	3a	cu alloy, pressed, "Best Solid Eyelet"				2gms

	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>	<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
	LF0001	2 spit 3	1.109	cartridge frag	met	2e	"ELEY - 10", 11.5mm D			1gm
	LF0001	2 spit 4	1.110*	bead	gla	4a	clear, cut glass			1gm
	LF0001	2 spit 4	1.111	nail	met	1a	cu alloy			8gms
	LF0001	2 spit 4	1.112	cer frag	cer	2b	cup, Pearlware			5gms
	LF0001	2 spit 4	1.113	bottle neck (clear)	gla	2c	screw cap			9gms
	LF0001	2 spit 5	1.114	stone tool flakes	sto	5d				34gms
	<b>Square3</b>									
	LF0001	3 sur	1.115	met frags	met	1a				54gms
	LF0001	3 sur	1.116	stone tool flakes	sto	5d				180gms
	LF0001	3 sur	1.117	nails (6)	met	1a				29gms
	LF0001	3 sur	1.118	stone tool frag	sto	5d	v. finely worked			2gms
	LF0001	3 sur	1.119	flat glass	gla	1a	2mm			6gms
	LF0001	3 sur	1.120*	seed	oth	2d	peach seed			2gms
	LF0001	3 sur	1.121	cartridge	met	2e	.22 calibre shell			1gm
	LF0001	3 sur	1.122	button	gla	3a	4 hole			2gms
	LF0001	3 sur	1.123	lamp shade	oth	1b	plastic			9gms
	LF0001	3 sur	1.124	cer frag	cer	2b	plate			233gms
	LF0001	3 sur	1.125	cer frag	cer	2b	plate - "WIELDON WARE Winkle & Co mnf. 1925-31 (Godden p.679)			56gms
	LF0001	3 sur	1.126	cer frag	cer	2b	PALESTINE pattern plate			2gms
	LF0001	3 sur	1.127	cer frags (3)	cer	2b	plate, Ironstone with olive green rim band			51gms
	LF0001	3 sur	1.128	cer frags (3)	cer	2b	plate			42gms
	LF0001	3 sur	1.129	cer frag	cer	2b	porcelain			<1gm
	LF0001	3 sur	1.130*	cer frag	cer	2b	bowl , blue bands at rim			18gms
	LF0001	3 sur	1.131	cer frags	cer	unident				17gms
	LF0001	3 sur	1.132	operculums (3)	she	2d				11gms
	LF0001	3 sur	1.133	met object	met	unident				23gms
	LF0001	3 sur	1.134	nails (3)	met	1a				5gms



	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>	<b>Material</b>	<b>Function</b>	<b>Comment</b>		<b>Weight</b>
			<b>Square 5</b>						
	LF0001	5 sur	1.161	button	met	3a	cu alloy, pressed "G. EVENSEN - Le Havre	1gm	
	LF0001	5 sur	1.162	bone frag	bon	2d	???		3gms
	LF0001	5 sur	1.163	vinyl record	oth	4b	33RPM		4gms
	LF0001	5 sur	1.164	flat glass	gla	1a	2mm		51gms
	LF0001	5 sur	1.165	bottle frags (clear)	gla	2c			23gms
	LF0001	5 sur	1.166	cer frag	cer	2b	undecorated		2gms
	LF0001	5 sur	1.167	stone tool flakes	sto	5d			12gms
	LF0001	5 sur	1.168	nails (4)	met	1a			19gms
			<b>Square 6</b>						
	LF0001	6 sur	1.169	flat glass	gla	1a	2mm		92gms
	LF0001	6 sur	1.170*	nails (3)	met	1a	iron		18gms
	LF0001	6 sur	1.171	met frags	met	4b	piano		27gms
	LF0001	6 sur	1.172	bottle frags (clear)	gla	2c			76gms
	LF0001	6 sur	1.173	flat glass	gla	1a	6mm		281gms
	LF0001	6 sur	1.174	stone tool flakes	sto	5d			76gms
	LF0001	6 sur	1.175	cer frag	cer	2b	bowl frag		26gms
	LF0001	6 sur	1.176	cer frag	cer	2b	small bowl frag		6gms
	LF0001	6 sur	1.177	cer frag	cer	2b			2gms
	LF0001	6 sur	1.178	doll frag	cer	4b	shoe		3gms
	LF0001	6 sur	1.179	stone tool frag	sto	5d	modified edge		3gms
	LF0001	6 spit 1	1.180*	stone tool flakes	sto	5d			188gms
	LF0001	6 spit 1	1.181	spectacles frag	met	4a	nose bracket		2gms
	LF0001	6 spit 1	1.182	pipe stem frags (2)	cer	4b	no markings		2gms
	LF0001	6 spit 1	1.183	slate pencil frag	sto	4f			1gm
	LF0001	6 spit 1	1.184	met frags	met	4b	musical instrument - piano?		14gms
	LF0001	6 spit 1	1.185	buttons (2)	met	3a	pressed , a) "BEST RING EDGE", b) unident	4gms	



	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>		<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
	LF0001	8 sur	1.210*	cer frag		cer	2b	porcelain			2gms
	LF0001	8 sur	1.211	cer frags		cer	2b				1gm
	LF0001	8 sur	1.212	nails (7)		met	1a	1 x ST JAMES wreck - Oeno			26gms
	LF0001	8 sur	1.213	stone tool flakes		sto	5d				138gms
	LF0001	8 sur	1.214	met frags		met	4b	musical instrument			17gms
	LF0001	8 sur	1.215	bottle frags (clear)		gla	2c				69gms
	LF0001	8 sur	1.216	flat glass		gla	1a	2mm			175gms
	LF0001	8 sur	1.217	button		met	3a	cu alloy, 2 hole			1gm
	LF0001	8 sur	1.218	stud fastener		met	3a				1gm
	LF0001	8 sur	1.219	pipe stem frag		cer	4b	no markings			1gm
	LF0001	8 spit 1	1.220*	stone tool flakes		sto	5d				42gms
	LF0001	8 spit 1	1.221	bottle frags		gla	2c				47gms
	LF0001	8 spit 1	1.222	flat glass		gla	1a	2mm			32gms
	LF0001	8 spit 1	1.223	nails (3)		met	1a	ST JAMES wreck - Oeno, FH cu alloy			9gms
	LF0001	8 spit 1	1.224	nail		met	1a	120mm sq iron spike, chisel point			97gms
	LF0001	8 spit 1	1.225	nails(2)		met	1a	60mm roof nails			46gms
	LF0001	8 spit 1	1.226	bottle frags		gla	2c	jar			23gms
	LF0001	8 spit 1	1.227	met frags		met	1a				26gms
	LF0001	8 spit 1	1.228	cer frag		cer	2c	stoneware jar			44gms
	LF0001	8 spit 1	1.229	cer frag		cer	2b	Ironstone plate			37gms
	LF0001	8 spit 1	1.230*	cer frag		cer	2b	plate			4gms
	LF0001	8 spit 1	1.231	cer frag		cer	2b	cup, porcelain frag, pale yellow			1gm
	LF0001	8 spit 1	1.232	cer frags		cer	2b	undecorated			5gms
	LF0001	8 spit 1	1.233	cer frags		cer	2b	bowl frag, deep blue			16gms
	LF0001	8 spit 1	1.234	bottle frag		gla	4e	medicine bottle frag			20gms
	LF0001	8 spit 1	1.235	tusk		bon	2d	small pig tusk			2gms
	LF0001	8 spit 1	1.236	operculum (2)		she	2d				4gms
	LF0001	8 spit 1	1.237	bone		bon	2d	unident			1gm
	LF0001	8 spit 1	1.238	pipe stem frags (3)		cer	4b	no markings			2gms
	LF0001	8 spit 1	1.239	slate pencil		sto	4f				2gms

Site	Unit	Field #	Object		Material	Function	Comment			Weight
LF0001	8 spit 1	1.240*	button		met	3a	cu alloy, pressed, 4 hole			1gm
	<b>Square 9</b>									
LF0001	9 sur	1.241	flat glass		gla	1a	2mm			442gms
LF0001	9 sur	1.242	operculums (3)		she	2d				9gms
LF0001	9 sur	1.243	shell		she	2d	small conical with possible man-made hole			2gms
LF0001	9 sur	1.244	cer frags		cer	2b				3gms
LF0001	9 sur	1.245	nails (3)		met	1a	1 x cu alloy			9gms
LF0001	9 sur	1.246	elec. fittings (3)		met	1a	electric wire clamp			5gms
LF0001	9 sur	1.247	met frags		met	1a				23gms
LF0001	9 sur	1.248	stone tool flakes		sto	5d				29gms
	<b>Square 10</b>									
LF0001	10 sur	1.249	cartridge		met	2e	"BF -UMC - 32 WCF"			4gms
LF0001	10 sur	1.250*	zip carriage		met	3a	"Made in USA"			1gm
LF0001	10 sur	1.251	met frags		met	5c	remains of forge			311gms
LF0001	10 sur	1.252	nails (3)		met	1a	50mm roofing nails			40gms
LF0001	10 sur	1.253	elec. fittings (5)		met	1a				6gms
LF0001	10 sur	1.254	flat glass		gla	1a	2mm			46gms
LF0001	10 sur	1.255	stone tool flakes		sto	5d				13gms
	<b>Square 11</b>									
LF0001	11 sur	1.256	elec. fitting		met	1a	conduit brackets (5)			71gms
LF0001	11 sur	1.257	flat glass		gla	1a	2mm			62 gms
LF0001	11 sur	1.258	nails (12)		met	1a	iron			47gms
LF0001	11 sur	1.259	stone tool flakes		sto	5d				13gms
LF0001	11 sur	1.260*	met frags		met	5c	forge - see 1.251			34gms
LF0001	11 sur	1.261	cer frags		cer	2b	saucer, blue rim bands			3gms

	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>	<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
<b>Square 12 - 0.5 sq m test pit under floor of house</b>										
	LF0001	12 sur	1.262	cer frag	cer	2b	cup handle with blue stripe			3gms
	LF0001	12 sur	1.263	flat glass	gla	1a	2mm			25gms
	LF0001	12 sur	1.264	nails (8)	met	1a	iron			82gms
	LF0001	12 sur	1.265	elec. fitting	met	1a	connector			23gms
	LF0001	12 sur	1.266	operculum	she	2d				2gms
	LF0001	12 sur	1.267	vertebra	bon	2d	fish			1gm
	LF0001	12 sur	1.268	stone tool flakes	sto	5d				49gms
<b>Square 13 -no surface material</b>										
LF0003	<b>Clark's dunkan</b>									
LF0003	Layer 1	3.1	spring		met	1a	1/2" x 2" incomplete			27gms
LF0003	Layer 1	3.2	bottle (clear)		gla	2c	10Fl oz No Deposit			376gms
LF0003	Layer 1	3.3	bottle (dark green)		gla	2c	...Port &Co			475gms
LF0003	Layer 1	3.4	ammunition		met	2e	12g shotgun cartridge -base only			3 gms
LF0003	Layer 1	3.5	nails		met	1a	6 x 3" nails			30gms
LF0003	Layer 1	3.6	screw		met	1a	10g x 1 1/2"			2gms
LF0003	Layer 1	3.7	tack		met	1a	copper			1 gm
LF0003	Layer 1	3.8	Flat glass		gla	1a	2mm			24gms
LF0003	Layer 1	3.9	bowl frag		cer	2b	AN 'Hoisy Isle Rolle' - France			58gms
LF0003	Layer 1	3.10*	bottle		gla	4e				136gms
LF0003	Layer 1	3.11	stopper		gla	4c				29gms
LF0003	Layer 1	3.12	pipe stem		cer	4b				2gm
LF0003	Layer 1	3.13	button		gla	3a	2 hole			1gm
LF0003	Layer 1	3.14	button		gla	3a	loop and faceted face			1gm
LF0003	Layer 1	3.15	button		gla	3a	2 hole			1gm
LF0003	Layer 1	3.16	curtain ring		met	1b	brass			6gms
LF0003	Layer 1	3.17	plate frag		cer	2b	RHINE pattern, 'MY' (Moses Young)			8gms

	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>	<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
	LF0003	Layer 1	3.18	plate frag	cer	2b	ASIATIC PHEASANT pattern			5gms
	LF0003	Layer 1	3.19	cer frag	cer	2b	Chinese Export porcelain			2gms
	LF0003	Layer 1	3.20*	cer sherds (4)	cer	2b	rim banded			25gms
	LF0003	Layer 1	3.21	chamber pot frag	cer	4c	blue sponged pattern			8gms
	LF0003	Layer 1	3.22	plate frag	cer	2b	brown transfer			2gms
	LF0003	Layer 1	3.23	plate frag	cer	2b	Willow ware			2gms
	LF0003	Layer 1	3.24	saucer frags 92)	cer	2b	relief pattern, white ware			2 gm
	LF0003	Layer 1	3.25	ink bottle frag	cer	4f	salt glazed			5gms
	LF0003	Layer 1	3.26	mug frag	cer	2b	yellow ware			1gm
	LF0003	Layer 1	3.27	plate frag	cer	2b	pale blue glaze			2gms
	LF0003	Layer 1	3.28	plate frag	cer	2b	red transfer pattern			2gms
	LF0003	Layer 1	329	cer frags (6)	cer	2b	blue transfer pattern			14gms
	LF0003	Layer 1	3.30*	plate frags (2)	cer	2b	white ware			24gms
	LF0003	Layer 1	3.31	cer frags(18)	cer	2b	whiteware			78gms
	LF0003	Layer 1	3.32	shell	she	4c	pearl shell			3gms
	LF0003	Layer 1	3.33	cowrie shell	she	4c				4gms
	LF0003	Layer 1	3.34	operculums (4)	she	2d				12gms
	LF0003	Layer 1	3.35	clam shell frag	she	4a				10gms
	LF0003	Layer 1	3.36	turbo shell frags (6)	she	2d				23gms
	LF0003	Layer 1	3.37	tooth (fish)	bon	2d				1gm
	LF0003	Layer 1	3.38	bone frags (3)	bon	2d				2gms
		<b>Layer 2</b>								
	LF0003	Layer 2	3.39	harmonica frag	met	4b				5gms
	LF0003	Layer 2	3.40*	nail	met	1a	3" square head			4gms
	LF0003	Layer 2	3.41	screw	met	1a	12g x 1 1/4"			2gms
	LF0003	Layer 2	3.42	nail	met	1a	2" copper, sq, head			2gms
	LF0003	Layer 2	3.43	teaspoon	met	2b	Shaw Savill & Albion Co			10gms
	LF0003	Layer 2	3.44	nails (20)	met	1a				40gms
	LF0003	Layer 2	3.45	bolt	met	1a	1/2" x 10"			234gms



Site	Unit	Field #	Object	Material	Function	Comment			Weight
LF0003	Layer 3	3.74	doll part	cer	4b	hand only - Golliwog			2gms
LF0003	Layer 3	3.75	textile frags	oth	3c				2gms
LF0003	Layer 3	3.76	bottle (clear)	gla	2c	marked E1595			108gms
LF0003	Layer 3	3.77	bottle (clear)	gla	2c	AGM A1607 AS			474gms
LF0003	Layer 3	3.78	jar	gla	2c				227gms
LF0003	Layer 3	3.79	bottle neck	gla	2c	green, crown top			73gms
LF0003	Layer 3	3.80*	ammunition	met	2e	10mm			4gms
LF0003	Layer 3	3.81	ammunition	met	2e	.22 calibre			3gms
LF0003	Layer 3	3.82	operculums (7)	she	2d				15gms
LF0003	Layer 3	3.83	shell	she	2d	turbo			10gms
LF0003	Layer 3	3.84	shoe heel	oth	3c	leather			28gms
LF0003	Layer 3	3.85	hinge	met	1a	4" iron butt hinge			120gms
LF0003	Layer 3	3.86	cer sherds (3)	cer	2c	salt glaze storage jar			185gms
LF0003	Layer 3	3.87	cer shers	cer	2b	whiteware			1gm
LF0003	Layer 3	3.88	saucer frag	cer	2b	whiteware			1gm
LF0003	Layer 3	3.89	plate frags	cer	2b	whiteware			8gms
LF0003	Layer 3	3.90*	shell	she	2d	turbo			16gms
LF0003	Layer 3	3.91	vertabrate - fish	bon	2d				2gms
LF0003	Layer 3	3.92	bones (3)	bon	2d	chicken			1gm
LF0003	Layer 3	3.93	operculums (7)	she	2d	turbo			26gms
LF0003	Layer 3	3.94	bone frags (7)	bon	2d	goat			5gms
	Layer 4								
LF0003	Layer 4	3.95	bottle	gla	4c	ISP 6/4	plastic screw top		135 gms
LF0003	Layer 4	3.96	bottle	gla	4e	Dettol	plastic screw top		220gms
LF0003	Layer 4	3.97	jar	gla	4e	hexagonal	with screw top		75gms
LF0003	Layer 4	3.98	bottle	gla	4c	cologne			82gms
LF0003	Layer 4	3.99	jar (blue glass)	gla	4e	Vick's vapour rub			84gms
LF0003	Layer 4	3.100*	jar (white glass)	gla	4e	ointment			220gms
LF0003	Layer 4	3.101	bottle	gla	4f	PARKER** ink bottle			150gms

Site	Unit	Field #	Object	Material	Function	Comment			Weight
LF0003	Layer 4	3.102	tube (aluminium)	met	4c	IPANA toothpaste			37gms
LF0003	Layer 4	3.103	plastic case	oth	4f	TIMEX, watch display case			150gms
LF0003	Layer 4	3.104	plastic case & lid	oth	4f				120gms
LF0003	Layer 4	3.105	plastic comb (green)	oth	4c				40gms
LF0003	Layer 4	3.106	beer bottle	gla	2c	Tui Brewery Limited, Mangitainoka			450gms
LF0003	Layer 4	3.107	beer bottle	gla	2c	ABC 1943			450gms
LF0003	Layer 4	3.108	jars (2)	gla	2c	clear glass			530gms
LF0003	Layer 4	3.109	flat glass	gla	1a	2mm			180gms
LF0003	Layer 4	3.110*	fork (frag)	met	2b				28gms
LF0003	Layer 4	3.111	torches (2)	met	4f	aluminium			320gms
LF0003	Layer 4	3.112	canister	met	4e	aluminium			40gms
LF0003	Layer 4	3.113	nails (15)	met	1a	6"			120gms
LF0003	Layer 4	3.114	electrical wire	met	1a	twin core, plastic coated			50gms
LF0003	Layer 4	3.115	lag screw	met	1a				250gms
LF0003	Layer 4	3.116	nail	met	1a	copper			3gms
LF0003	Layer 4	3.117	flash globe	gla	4b	camera flash			20gms
LF0003	Layer 4	3.118	flat glass	gla	1a	6mm			320gms
LF0003	Layer 4	3.119	ceramic souvenir (frag)	cer	4a	Coronation 1937 - May 12 memorabilia			15gms
LF0003	Layer 4	3.120*	serving platter frag	cer	2b	ASIATIC PHEASANT pattern			9gms
LF0003	Layer 4	3.121	wash basin (frag)	cer	4c	mauve marble pattern			61gms
LF0003	Layer 4	3.122	ceramic sherd	cer	2b	relief decoration			15gms
LF0003	Layer 4	3.123	ceramic jar (frag)	cer	2c	base only			56gms
LF0003	Layer 4	3.124	cup (frag)	cer	2b	whiteware			15gms
LF0003	Layer 4	3.125	saucer (frag)	cer	2b	whiteware			39gms
LF0003	Layer 4	3.126	porcelain saucer (frag)	cer	2b	undecorated			4gms
LF0003	Layer 4	3.127	ceramic frag	cer	2b	whiteware			18gms
LF0003	Layer 4	3.128	ceramic frag	cer	2b	whiteware			9gms
LF0003	Layer 4	3.129	ceramic base	cer	4a	ornament			29gms
LF0003	Layer 4	3.130*	bone (fish)	bon	2d	vertebra			1gm
LF0003	Layer 4	3.131	bones (7 frags)	bon	2d	chicken			4gms
LF0003	Layer 4	3.132	bone	bon	2d	goat			2gms

	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>		<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
<b>Layer 5</b>											
	LF0003	Layer 5	3.133	bottles (11) -clear		gla	2c	AGM M131 (cordial)			4917gms
	LF0003	Layer 5	3.134	bottle		gla	2c	Grey & Menzien, NZ, (cordial)			447gms
	LF0003	Layer 5	3.135	bottle - (brown)		gla	2c	Bp Detergents Ltd			900gms
	LF0003	Layer 5	3.136	bottle		gla	4f	Stephen's inks (embossed)			350gms
	LF0003	Layer 5	3.137	bottle (dk. Green)		gla	2c	alcohol			750gms
	LF0003	Layer 5	3.138	bottle		gla	4c	toiletry			350gms
	LF0003	Layer 5	3.139	bottle		gla	4f	ink			300gms
	LF0003	Layer 5	3.140*	bottle		gla	4f	ink			295gms
	LF0003	Layer 5	3.141	jars (6)		gla	4e	square, ointment jars			925gms
	LF0003	Layer 5	3.142	jar		gla	4e	Douglas 3			273gms
	LF0003	Layer 5	3.143	bottle		gla	4f	ink			156gms
	LF0003	Layer 5	3.144	bottle (brown)		gla	2c	alcohol			220gms
	LF0003	Layer 5	3.145	bottles (5)		gla	4c	perfume			508gms
	LF0003	Layer 5	3.146	jars (8)		gla	2c	AGM 6742L 24			1197gms
	LF0003	Layer 5	3.147	bottles (2)		gla	4e	Dettol			580gms
	LF0003	Layer 5	3.148	jars (6)		gla	4c	Brylcream, Trade mark UK Dsgn Regd			1207gms
	LF0003	Layer 5	3.149	bottle		gla	4e				350gms
	LF0003	Layer 5	3.150*	tin		met	4c	talcum powder			87gms
	LF0003	Layer 5	3.151	bottle		oth	4c	insect repellant			148gms
	LF0003	Layer 5	3.152	bottles (5)		gla	2c	AGM 131, (beer)			2350gms
	LF0003	Layer 5	3.153	bottle		gla	2c	NSW Bottle Co Pty Ltd, (beer)			453gms
	LF0003	Layer 5	3.154	bottle base (clear)		gla	2c	Property of Faccett & Johnson Ltd			196gms
	LF0003	Layer 5	3.155	bottle base (dk. green)		gla	2c	alcohol			147gms
	LF0003	Layer 5	3.156	bottle sherd (clear)		gla	4c				80gms
	LF0003	Layer 5	3.157	bottle		gla	5c	acid storage			2082gms
	LF0003	Layer 5	3.158	bottle		gla	5c	acid storage			2047gms
	LF0003	Layer 5	3.159	drinking glass		gla	2b				183gms
	LF0003	Layer 5	3.160*	jars (3)		gla	2c	key and M on base			982gms
	LF0003	Layer 5	3.161	bottles (2) - (clear)		gla	2c	sauce			935gms

Site	Unit	Field #	Object	Material	Function	Comment			Weight
LF0003	Layer 5	3.162	bottle dk. green)	gla	2c	alcohol			687gms
LF0003	Layer 5	3.163	jars (3)	gla	2c				724gms
LF0003	Layer 5	3.164	jars (2)	gla	2c	preserving			927gms
LF0003	Layer 5	3.165	bottle	gla	2c	sauce			362gms
LF0003	Layer 5	3.166	bottle	gla	4c	toiletry			250gms
LF0003	Layer 5	3.167	bottle	gla	2c	Coca Cola 2F 55			350gms
LF0003	Layer 5	3.168	bottle	gla	4c	Yardley's Cologne			306gms
LF0003	Layer 5	3.169	bottle bases (2)	gla	4c				404gms
LF0003	Layer 5	3.170*	bottle	gla	4e	drop dispenser within			125gms
LF0003	Layer 5	3.171	jar frag	gla	2c	coffee			337gms
LF0003	Layer 5	3.172	bottle	gla	4e	Always remains property of Abso Laboratories			282gms
LF0003	Layer 5	3.173	bottle (clear)	gla	2c	Schweppes			226gms
LF0003	Layer 5	3.174	bottle	gla	4e	graduated scale in teaspoons			483gms
LF0003	Layer 5	3.175	bottle neck	gla	2c	alcohol			223gms
LF0003	Layer 5	3.176	jar base	gla	2c				186gms
LF0003	Layer 5	3.177	bottle base	gla	4c				137gms
LF0003	Layer 5	3.178	bottle	gla	4e	E4			232gms
LF0003	Layer 5	3.179	container (aluminium)	met	4e	CIBA			73gms
LF0003	Layer 5	3.180*	tins (2)	met	2c				122gms
LF0003	Layer 5	3.181	bottle	gla	2c	spice			83gms
LF0003	Layer 5	3.182	tube	gla	4e	Abbott Lab			39gms
LF0003	Layer 5	3.183	bottle	gla	4e	Fauldings Australia			152gms
LF0003	Layer 5	3.184	bottles (3)	oth	4e	(drop dispensers)			121gms
LF0003	Layer 5	3.185	tubes (4) aluminium	met	4e	ointment			78gms
LF0003	Layer 5	3.186	cases (2) plastic	oth	4f	presentation watch cases, Made in USA			148gms
LF0003	Layer 5	3.187	tooth brushes (3)	oth	4c	plastic			72gms
LF0003	Layer 5	3.188	harmonica part	met	4b				8gms
LF0003	Layer 5	3.189	canister (aluminium)	met	4e				21gms
LF0003	Layer 5	3.190*	tube (aluminium)	met	4c	STERI..., denture cream			32gms
LF0003	Layer 5	3.191	tubes (2)	gla	4e				54gms
LF0003	Layer 5	3.192	razor blades (12)	met	4c	Gillette			16gms

<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>	<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
LF0003	Layer 5	3.193	pipe stem	cer	4b	no markings			5gms
LF0003	Layer 5	3.194	marker pen	met	4f	...decowrite ballpoint...			21gms
LF0003	Layer 5	3.195	marker pen	met	4f	Starl...			19gms
LF0003	Layer 5	3.196	paint residue	oth	4b	dry lumps			38gms
LF0003	Layer 5	3.197	nails (6)	met	1a	6" nails			226gms
LF0003	Layer 5	3.198	bottles (2) plastic	oth	4b	squeeze - bottle, glue			37gms
LF0003	Layer 5	3.199	light bulbs (2)	gla	1b	240v			124gms
LF0003	Layer 5	3.200*	electric irons (2)	met	3c	plastic handles			3427gms
LF0003	Layer 5	3.201	lamp part	met	1b	wick holder (kerosene)			103gms
LF0003	Layer 5	3.202	screw	met	1a	brass, 2 1/2"			18gms
LF0003	Layer 5	3.203	nails (5)	met	1a	copper, square shank			45gms
LF0003	Layer 5	3.204	stove part	met	2a	cast iron			2047gms
LF0003	Layer 5	3.205	utensil	met	2a				243gms
LF0003	Layer 5	3.206	drinking glass	gla	2b				140gms
LF0003	Layer 5	3.207	flat glass	gla	1a	2mm			4076gms
LF0003	Layer 5	3.208	flat glass	gla	1a	6mm			409gms
LF0003	Layer 5	3.209	metal pipe	met	1a	plumbing			747gms
LF0003	Layer 5	3.210*	electrical fitting	oth	1a	plastic			192gms
LF0003	Layer 5	3.211	cap (oil drum)	met	5c				68gms
LF0003	Layer 5	3.212	souvenir	met	4a	minature sombrero			27gms
LF0003	Layer 5	3.213	hinge	met	1a	strap hinge			378gms
LF0003	Layer 5	3.214	hinge	met	1a	butt hinge			285gms
LF0003	Layer 5	3.215	lamp part	met	1b				120gms
LF0003	Layer 5	3.216	bottle brush (plastic)	oth	2c				48gms
LF0003	Layer 5	3.217	operculum	she	2d	turbo			30gms
LF0003	Layer 5	3.218	tin	met	2c	bully beef tin			68gms
LF0003	Layer 5	3.219	shower rose	met	1b				480gms
LF0003	Layer 5	3.220*	ball	oth	4b	rubber			198gms
LF0003	Layer 5	3.221	canister (plastic)	oth	2c				198gms
LF0003	Layer 5	3.222	fry pan	oth	2a	aluminium - no handle			925gms
LF0003	Layer 5	3.223	chisel	met	5c				459gms

Site	Unit	Field #	Object	Material	Function	Comment			Weight
LF0003	Layer 5	3.224	enamel dish	met	2a				190gms
LF0003	Layer 5	3.225	container (aluminium)	met	2c				325gms
LF0003	Layer 5	3.226	enamel lid	met	2c				78gms
LF0003	Layer 5	3.227	plate	cer	2b	whiteware- hand painted, blue sunburst design			253gms
LF0003	Layer 5	3.228	bowl frags (3)	cer	2a	small mixing bowl			287gms
LF0003	Layer 5	3.229	bowl	cer	2a	CARR China Co. 1929			456gms
LF0003	Layer 5	3.230*	cup frag	cer	2b	handle and part of body - undecorated			43gms
LF0003	Layer 5	3.231	saucer frag	cer	2b	white with gilt edge			9gms
LF0003	Layer 5	3.232	plate frag	cer	2b	whiteware			85gms
LF0003	Layer 5	3.233	cer sherd (4)	cer	2b	transfer pattern			55gms
LF0003	Layer 5	3.234	plate frag	cer	2b	TYROLEAN pattern			8gms
LF0003	Layer 5	3.235	cer frag	cer	2b	rim banded			2gms
LF0003	Layer 5	3.236	cer sherd	cer	2b				1gm
LF0003	Layer 5	3.237	cer sherd (8)	cer	2b	whiteware			42gms
LF0003	Layer 5	3.238	cup frag	cer	2b	combed edge (grey)			3gms
LF0003	Layer 5	3.239	cup frags (4)	cer	2b	pale green glaze			46gms
LF0003	Layer 5	3.240*	plate frag	cer	2b	GIRAFFE pattern			1gm
LF0003	Layer 5	3.241	braces	oth	3c	plastic			124gms
LF0003	Layer 5	3.242	watch strap (part)	met	4f	chromed			28gms
LF0003	Layer 5	3.243	button	met	3a	4 hole, pressed metal, 14 mm			2gms
LF0003	Layer 5	3.244	insulator	cer	1a				120gms
LF0003	Layer 5	3.245	doll part	oth	4b	hand (plastic)			2gms
LF0003	Layer 5	3.246	file (rasp)	met	5c	rounded back, coarse			203gms
LF0003	Layer 5	3.247	file	met	5c	round, smooth			187gms
LF0003	Layer 5	3.248	file	met	5c	triangular - for sharpening saws			85gms
LF0003	Layer 5	3.249	tooth	bon	2d	goat			1gm
LF0003	Layer 5	3.250*	bone frags (7)	bon	2d	goat			10gms
LF0003	Layer 5	3.251	operculum (2)	she	2d	turbo			4gms
LF0003	Layer 5	3.252	bones (12)	bon	2d	chicken			8gms
LF0003	Layer 5	3.253	vertebrae (2)	bon	2d	fish			1gm

	Site	Unit	Field #	Object	Material	Function	Comment			Weight
<b>LF0004</b>	<b>Adams 1</b>									
	LF0004	surface	4.1	glass lense	gla	4b	marked GS			16gms
	LF0004	surface	4.2	ceramic jar sherd	cer	2c	bears part royal coat of arms			36gms
	LF0004	spit 1	4.3	nail	met	1a	copper alloy, 4"			18gms
	LF0004	spit 1	4.4	metal frag	met	1a				15gms
	LF0004	spit 1	4.5	stone flake	sto	5d				7gms
	LF0004	spit 1	4.6	bottle frags	gla	2c	black bottle			26gms
	LF0004	spit 2	4.7	plate frag	cer	2b	GIRAFFE pattern - J.Ridgway - 1836			15gms
	LF0004	spit 2	4.8	vinyl record frag	oth	4b				1gm
	LF0004	spit 2	4.9	bottle neck (part)	gla	2c	black bottle			32gms
	LF0004	spit 1	4.10*	stone flake	stone	5d				10gms
	LF0004	spit 1	4.11	button	met	3a	copper alloy with loop attachment			1gm
	LF0004	spit 1	4.12	metal object	met	?	aluminium			14gms
	LF0004	spit 1	4.13	wire frags	met	5a				38gms
	LF0004	spit 1	4.14	nails (2)	met	1a				37gms
	LF0004	spit 1	4.15	flat glass	gla	1a	7.5 mm			17gms
	LF0004	spit 1	4.16	bottle base (push up)	gla	2c	black bottle - rough pontil scar			27gms
	LF0004	spit 2	4.17	ammunition	met	2e	brass cartridge - WRA Co 32WCF			1gm
	LF0004	spit 2	4.18	bottle frag	gla	2c	black bottle			1gm
	LF0004	spit 3	4.19	charcoal	oth	2a				<1gm
	LF0004	spit 3	4.20*	nail	met	1a				13gms
	LF0004	spit 3	4.21	nail	met	1a	copper alloy, cast with chisel point			1gm
	LF0004	spit 3	4.22	stone flakes (2)	sto	5d				83gms
	LF0004	spit 4	4.23	plate frags (2)	cer	2b	GIRAFFE pattern			9gms
	LF0004	spit 4	4.24	slate pencil (frag)	sto	4f				1gm

	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>	<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
	LF0004	spit 4	4.25	gunflint	sto	2e				5gms
<b>LF0005</b>	<b>Tom Christian's old house</b>									
LF0005	surface	5.1	marbles (19)	gla	4b					108gms
LF0005	surface	5.2	toys (plastic)	oth	4b					77gms
LF0005	surface	5.3	construction pieces	oth	4b	plastic				13gms
LF0005	surface	5.4	game counters (21)	oth	4b	plastic				8gms
LF0005	surface	5.5	painted seeds (86)	oth	4b					16gms
LF0005	surface	5.6	ammunition (11)	met	2e	9 x .22 calibre				
LF0005	surface					1 x 410 Made in USA, ALL BRASS, US				
LF0005	surface					1 x WRACO, 32 WCF		<b>TOTAL</b>	<b>16gms</b>	
LF0005	surface									
LF0005	surface	5.7	hair clips (11)	oth	4a	plastic				6gms
LF0005	surface	5.8	beads (65)	oth	4a	plastic				39gms
LF0005	surface	5.9	buttons (28)	oth	3a	plastic				18gms
LF0005	surface	5.10*	stones (4)	sto	5d	obsidian				
LF0005	surface					pebble				
LF0005	surface					stone flake				
LF0005	surface					flake		<b>TOTAL</b>	<b>273gms</b>	
LF0005	surface	5.11	egg cup	cer	2b	marked JAPAN on base				26gms
LF0005	surface	5.12	flat glass	gla	1a	3mm				60gms
LF0005	surface	5.13	clothes pegs	oth	3c	plastic				19gms
LF0005	surface	5.14	nappy pins (3)	met	3a					5gms
LF0005	surface	5.15	seeds (8)	woo	2d					8gms
LF0005	surface	5.16	Dymo marker tape	oth	4f	impressed JACKI				<1gm
LF0005	surface	5.17	coins (4) plastic	oth	4b					5gms
LF0005	surface	5.18	bones	bon	4b	knuckle bones				11gms

Site	Unit	Field #	Object	Material	Function	Comment			Weight
LF0005	surface	5.19	shell	she	4a	NZ Paua shell			2gms
LF0005	surface	5.20*	gemstones (3)	sto	4a				4gms
LF0005	surface	5.21	bulbs (2)	gla	4f				2gms
LF0005	surface	5.22	flash bulb	gla	4b				3gms
LF0005	surface	5.23	coins (15)	met	4d	1 x 1960 halfpenny - Indian Ocean			
LF0005	surface					1 x 1942 halfpenny - Indian Ocean			
LF0005	surface					1 x 1938 halfpenny - Indian Ocean			
LF0005	surface					1 x 1949 halfpenny - Indian Ocean			
LF0005	surface					1 x 1952 halfpenny - Indian Ocean			
LF0005	surface					1 x 1960 halfpenny - Indian Ocean			
LF0005	surface					1 x 1945 English threepence			
LF0005	surface					1 x 1952 US cent			
LF0005	surface					1 x 1982 NZ 5 cents			
LF0005	surface					1 x 1959 Dutch 10 cents			
LF0005	surface					1 x 1952 NZ threepence			
LF0005	surface					1 x 1942 NZ threepence	<u>TOTAL</u>	<u>65gms</u>	
LF0005	surface	5.25	nails (3)	met	1a	copper alloy			10gms
LF0005	surface	5.26	tacks (4)	met	1a	copper alloy			4gms
LF0005	surface	5.27	screws (4)	met	1a	copper alloy			22gms
LF0005	surface	5.28	coral frag	she	4a				
LF0005	surface	5.29	shell (turbo)	she	2d				
LF0005	surface	5.30*	operculaums (3)	she	2d				
LF0005	surface	5.31	shells (8)	she	4a		<u>TOTAL</u>	<u>68gms</u>	
LF0005	surface	5.32	pencils (3)	woo	4f				
LF0005	surface	5.33	biros (2)	oth	4f				
LF0005	surface	5.34	pen cap	oth	4f				
LF0005	surface	5.35	chalk (5 pieces)	oth	4f		<u>TOTAL</u>	<u>26gms</u>	

	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>		<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
	LF0005	surface	5.36	beads (3)		gla	4a	trade beads			1 gm
<b>LF0007</b>	<b>Adams' garden</b>										
	LF0007	surface	7.1	axe head		met	5a	hand wrought			680gms
	LF0007	surface	7.2	button		met	3a	25mm diam, flat			2gms
	LF0007	surface	7.3	button		met	3a	12.5mm gilt			1gm
	LF0007	surface	7.4	cer frag		cer	2b	flow blue			1gm
	LF0007	surface	7.5	operculums (2)	she	2d					5gms
	LF0007	surface	7.6	turbo (1)	she	2d					4gms
<b>LF0029</b>	<b>Excavation</b>										
	LF29exc	exc	29.1	bottle incomplete	gla	2c		incised 'N'			641gms
	LF29exc	exc	29.2	bowl incomplete	cer	2b		Twist pattern			175gms
	LF29exc	exc	29.3	prunt	gla	2c		Fr wine, joins LF29.56			22gms
	LF29exc	exc	29.4	jar frag	cer	2b		Pearlware			123gms
	LF29exc	exc	29.5	bottle base + frag	gla	2c					380gms
	LF29exc	exc	29.6	bottle base	gla	2c					232gms
	LF29exc	exc	29.7	bottle base + frag	gla	2c		black' glass			406gms
	LF29exc	exc	29.8	bottle base	gla	2c		incised'N'			468gms
	LF29exc	exc	29.9	bottle frags	gla	2c					343gms
	LF29exc	exc	29.10 *	bottle incomplete	gla	2c		Fr wine			229gms
	LF29exc	exc	29.11	bottle frags	gla	2c					888gms
	LF29exc	exc	29.12	bottle base	gla	2c					473gms
	LF29exc	exc	29.13	bowl frag	cer	2b		Pearlware, o/glz hand-painted dec			2gms
	LF29exc	exc	29.14	bottle frags	gla	2c		Fr wine			147gms
	LF29exc	exc	29.15	bottle frags	gla	2c		incised 'N'			331gms
	LF29exc	exc	29.16	bottle base	gla	4e					24gms
	LF29exc	exc	29.17	bottle neck	gla	2c					70gms
	LF29exc	exc	29.18	white glass frag ???	gla	4e					1gm
	LF29exc	exc	29.19	bottle glass frag	gla	4e		Moulded letter 'M'			2gms

	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>		<b>Material</b>	<b>Function</b>	<b>Comment</b>				<b>Weight</b>
	LF29exc	exc	29.20*	operculum		she	2d					2gms
	LF29exc	exc	29.21	flat glass frags		gla	1a					19gms
	LF29exc	exc	29.22	bottle base frag		gla	2c					21gms
	LF29exc	exc	29.23	bottle frags		gla	4e					5gms
	LF29exc	exc	29.24	bottle frags		gla	4e					4gms
	LF29exc	exc	29.25	bottle frags		gla	4e	patent medicine				18gms
	LF29exc	exc	29.26	jar frags		gla	4e	snuff jar				213gms
	LF29exc	exc	29.27a	bottle frag		gla	4e	medical vial neck				7gms
	LF29exc	exc	29.28	bottle frag		gla	4e	medical vial neck				4gms
	LF29exc	exc	29.29	carbon??		oth	unident					1gm
	LF29exc	exc	29.30*	metal frags		met	unident					10gms
	LF29exc	exc	29.31	metal hinge frag		met	1b	cu alloy hinge with broad arrow symbol				29gms
	LF29exc	exc	29.32	bowl incomplete		cer	2b	yellow-ware with blue annular rings				89gms
	LF29exc	exc	29.33	stemglass frag		gla	2b	Lead-crystal				87gms
	LF29exc	exc	29.34	stemglass frag		gla	2b					36
	LF29exc	exc	29.35	mug incomplete		cer	2b	mocha pattern + incised 'N'				245gms
	LF29exc	exc	29.36	plate frags		cer	2b	PALESTINE pattern, mnf ADAMS 1819-64 incised 'G' (George) & part "N" Nobbs				187gms
	LF29exc	exc	29.37	bottle base		gla	2c					352gms
	LF29exc	exc	29.38	bottle base + neck		gla	2c	incised letter 'G'				298gms
	LF29exc	exc	29.39	bottle frags		gla	2c	case bottle incised letter 'N'				461gms
	LF29exc	exc	29.40*	plate frags		cer	2b	Chinese export plate				405gms
	LF29exc	exc	29.41	bottle base frag		gla	2c	black bottle with incised letter 'N'				232gms
	LF29exc	exc	29.42	bottle base		gla	2c					460gms
	LF29exc	exc	29.43	bottle neck		gla	2c					107gms
	LF29exc	exc	29.44	bottle frags		gla	2c					92gms
	LF29exc	exc	29.45	bottle frags		gla	2c	flagon frags?				486gms
	LF29exc	exc	29.46	bottle base		gla	2c					61gms
	LF29exc	exc	29.47	bottle base		gla	2c					159gms
	LF29exc	exc	29.48	bottle neck		gla	2c					107gms
	LF29exc	exc	29.49	bottle frag		gla	2c	from large case bottle?				13gms

Site	Unit	Field #	Object		Material	Function	Comment			Weight
LF29exc	exc	29.50*	bottle frag		gla	2c	incised letter 'N'			103gms
LF29exc	exc	29.51	bottle frag		gla	2c	Fr wine + prunt			96gms
LF29exc	exc	29.52	bottle neck +frag		gla	2c				92gms
LF29exc	exc	29.53	mug lip frag		cer	2b	black trans pattern (mulberry ware)			2gms
LF29exc	exc	29.54	plate frags		cer	2b	Chinese export plate			20gms
LF29exc	exc	29.55	bottle base frag		gla	2c	case bottle base frag			24gms
LF29exc	exc	29.56	bottle base		gla	2c				97gms
LF29exc	exc	29.57	bottle neck		gla	2c				97gms
LF29exc	exc	29.58	flat glass frag		gla	1a				9gms
LF29exc	exc	29.59	bottle base		gla	2c				129gms
LF29exc	exc	29.60*	'cut throat' razor		met	4c	blade only			75gms
LF29exc	exc	29.61	bottle base		gla	2c	case bottle			98gms
LF29exc	exc	29.62	bottle neck		gla	2c	porter bottle?			136gms
LF29exc	exc	29.63	bottle neck		gla	2c				88gms
LF29exc	exc	29.64	bottle neck		gla	2c				54gms
LF29exc	exc	29.65	bottle neck		gla	2c				120gms
LF29exc	exc	29.66	bottle neck		gla	2c				81gms
LF29exc	exc	29.67	bottle neck		gla	2c				87gms
<b>LF0029 Surface collection</b>										
LF29sur	128	29.68	bottle		gla	4c	perfume bottle			87gms
LF29sur	128	29.69	bottle frag		gla	2c	panel bottle			66gms
LF29sur	128	29.70*	bottle frag - (clear)		gla	2c				93gms
LF29sur	128	29.71	bottle base		gla	2c	patent medicine			12gms
LF29sur	128	29.72	bottle frags		gla	2c	black bottle			46gms
LF29sur	158	29.73	bottle frag - (clear)		gla	2c				11gms
LF29sur	258	29.74	bottle base frag		gla	4e	snuff jar (conjoins 29.26)			72gms
LF29sur	254	29.75	bottle neck and base		gla	2c	wine bottle			371
LF29sur	255	29.76	bottle frags		gla	2c	case bottle			56gms

	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>	<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
	LF29sur	260	29.77	bottle frags	gla	2c	possibly from 29.75			100gms
	LF29sur	260	29.78	bottle frags -(clear)	gla	2c				22gms
	LF29sur	29	29.79	bottle frag	gla	2c	part incised 'N'			119gms
	LF29sur	29	29.80*	bottle base	gla	2c				105gms
	LF29sur	29	29.81	bottle frag	gla	2c				2gms
	LF29sur	31	29.82	ceramic frag	cer	4c	Ironstone basin			57gms
	LF29sur	31	29.83	bottle frag	gla	4e	snuff jar - conjoins 29.26			8gms
	LF29sur	31	29.84	plate frag	cer	2b	blue shell edge			2gms
	LF29sur	31	29.85	bottle frag	gla	2c	case bottle			1gm
	LF29sur	31	29.86	ceramic frag	cer	2b				1gm
	LF29sur	231	29.87	ceramic frag	cer	4c	Ironstone basin			302gms
	LF29sur	231	29.88	bottle base frag	gla	2c	large case bottle			138gms
	LF29sur	231	29.89	bottle frag	gla	2c				5gms
	LF29sur	238	29.90*	plate frag	cer	2b	Ironstone			84gms
	LF29sur	59	29.91	ceramic frag	cer	2b	sponged flower chain, cup			5gms
	LF29sur	65	29.92	shell	she	2d	Turbo shell			13gms
	LF29sur	65	29.93	bottle frag	gla	2c	part incised 'N'			13gms
	LF29sur	65	29.94	bottle frag	gla	2c				39gms
	LF29sur	65	29.95	bottle base	gla	2c				4gms
	LF29sur	65	29.96	bottle frag	gla	2c				9gms
	LF29sur	65	29.97	bottle frag - (clear)	gla	2c				13gms
	LF29sur	79	29.98	bottle base	gla	2c				32gms
	LF29sur	10	29.99	bottle frags	gla	2c	case bottle			25gms
	LF29sur	10	29.100*	bottle frags	gla	2c				12gms
	LF29sur	10	29.101	bottle frags	gla	2c				2gms
	LF29sur	89	29.102	ceramic frag	cer	2b	transfer pattern -cup			2gms
	LF29sur	89	29.103	bottle frag	gla	2c				10gms
	LF29sur	104	29.104	bottle base	gla	2c				38gms
	LF29sur	63	29.105	bottle frag	gla	2c				2gms
	LF29sur	61	29.106	bottle frag	gla	2c				10gms
	LF29sur	3	29.107	plate frags (3)	cer	2b	PALESTINE pattern -Mft by ADAMS			23gms

	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>		<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
	LF29sur	3	29.108	bottle frag		gla	2c	case bottle			10gms
	LF29sur	3	29.109	bottle frags		gla	2c	part incised 'N'			64gms
	LF29sur	16	29.110*	ceramic frag		cer	2b	stencilled flower chain, cup - see 29.91			6gms
	LF29sur	16	29.111	bottle frag		gla	2c	case bottle			9gms
	LF29sur	16	29.112	plate frag		cer	2b	SCHMELZER & GERICKE c. 1863			11gms
	LF29sur	16	29.113	bottle base		gla	2c				32gms
	LF29sur	16	29.114	flat glass		gla	1a				5gms
	LF29sur	104	29.115	bottle frag		gla	4e	patent medicine			28gms
	LF29sur	104	29.116	bottle frag		gla	4e				3gms
	LF29sur	129	29.117	bottle frag		gla	2c	patent medicine			6gms
	LF29sur	129	29.118	bottle frag		gla	4e				19gms
	LF29sur	74	29.119	ceramic frag		cer	2b	flow blue			2gms
	LF29sur	74	29.120*	bottle frag		gla	4e	raised letters 'PA'			6gms
	LF29sur	74	29.121	bottle frag		gla	4e				2gms
	LF29sur	65	29.122	ceramic frag		cer	2b	blue shell edge plate			8gms
	LF29sur	65	29.123	bottle frag		gla	2c				31gms
	LF29sur	65	29.124	bottle frags		gla	2c	black bottle			41gms
	LF29sur	2	29.125	bottle base		gla	2c				46gms
	LF29sur	2	29.126	bottle frags		gla	2c	case bottle			3gms
	LF29sur	2	29.127	ceramic frag		cer	2b	conjoins to excavated twist pattern bowl			7gms
	LF29sur	2	29.128	bottle frags		gla	2c				6gms
	LF29sur	2	29.129	bottle frag		gla	2c				1gm
	LF29sur	188	29.130*	jar		gla	2c	screw lid, two-part mould			195gms
	LF29sur	141	29.131	ceramic frag		cer	2c	Porcelain with impressed mark			112gms
	LF29sur	119	29.132	fork		met	2b	incised XXIV, WILKINSON & SON-Birmingham			54gms
	LF29sur	119	29.133	ceramic frag		cer	2a	Ironstone, part rim of dish			36gms
	LF29sur	119	29.134	ceramic frag		cer	2b	flow blue, part WHAMPOA pattern c.1840			5gms
	LF29sur	119	29.135	bottle frag		gla	2c				1gm
	LF29sur	145	29.136	bottle base		gla	2c	black bottle			561gms
	LF29sur	145	29.137	bottle base		gla	2c	whisky?			75gms
	LF29sur	112	29.138	bottle base		gla	2c	N & Co (1872-1913)	Nuttall & Co		466gms

	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>	<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
	LF29sur	112	29.139	ceramic frag	cer	2b	u/gl red transfer			11gms
	LF29sur	112	29.140*	bottle frag	gla	4e	panel bottle			3gms
	LF29sur	112	29.141	bottle frag	gla	2c	large case bottle			38gms
	LF29sur	55	29.142	bottle neck - (clear)	gla	4e				24gms
	LF29sur	78	29.143	bottle frag	gla	2c				113gms
	LF29sur	78	29.144	ceramic frag	cer	4c	Ironstone basin			12gms
	LF29sur	78	29.145	bottle frag	gla	2c				10gms
	LF29sur	TP2	29.146	stone tool frag	sto	5d	Polynesian artefact			107gms
	LF29sur	TP2	29.147	stone tool frag	sto	5d	Polynesian artefact			67gms
	LF29sur	TP2	29.148	bottle frag	gla	2c	case bottle			23gms
	LF29sur	TP2	29.149	ceramic frag	cer	2b	PALESTINE pattern plate frag			2gms
	LF29sur	TP2	29.150*	bottle frag	gla	2c	incised 'N' part			1gm
	LF29sur	TP2	29.151	bottle frag	gla	2c				2gms
<b>LF0030</b>	<b>Cliff top below Lincoln's house site</b>									
	LF0030sur		30.1	iron tool	met	5c	hand wrought object			212gms
	LF0030sur		30.2	chest handle	met	1b	iron			39gms
	LF0030sur		30.3	metal frag	met	1a	cu alloy sheet with small nail holes (patch)			111gms
	LF0030sur		30.4	clam shell	she	4a				175gms
	LF0030sur		30.5	clam shell	she	4a				43gms
	LF0030sur		30.6	bottle	gla	4e	panel bottle "UGB" -post 1937			171gms
	LF0030sur		30.7	jar	gla	2c	"SANITARIUM" vegemite jar			60gms
	LF0030sur		30.8	bottle base frag	gla	2c	Nuttal & Co			69gms
	LF0030sur		30.9	pulley sheave	met	5b	iron			56gms
	LF0030sur		30.10*	stoneware jar frag	cer	2c	glazed internally and externally			247gms
	LF0030sur		30.11	stoneware jar frag	cer	2c	(not same as above)			226gms
	LF0030sur		30.12	stoneware jar frags (3)	cer	2c				139gms
	LF0030sur		30.13	Torch part	met	4f	Aluminium torch part			37gms
	LF0030sur		30.14	bottle base	gla	2c	beer bottle - "1939 Auckland NZ"			162gms
	LF0030sur		30.15	stone tool frag	sto	5d	Prehistoric			97gms

Site	Unit	Field #	Object	Material	Function	Comment			Weight
LF0030sur		30.16	stone tool frag	sto	5d	Prehistoric			150gms
LF0030sur		30.17	pocket watch	met	4f	"SWISS MADE"			31gms
LF0030sur		30.18	writing slate frags (5)	sto	4f				32gms
LF0030sur		30.19	cer frag	cer	2b	Ironstone - anchor & naval coronet Davenport, Longport - post 1850			28gms
LF0030sur		30.20*	cer frag	cer	2b	RHINE pattern, plate			11gms
LF0030sur		30.21	shell	she	2d	turbo			1gm
LF0030sur		30.22	cartridge shell	met	2e	.303 "1942 K broadarrow L			3gms
LF0030sur		30.23	cartridge shell	met	2e	.303 "1941"			4gms
LF0030sur		30.24	bullet	met	2e	9mm D (0.38)			9gms
LF0030sur		30.25	coin	met	4d	British halfpenny - 1879			5gms
LF0030sur		30.26	coin	met	4d	British penny - 1902			9gms
LF0030sur		30.27	bottle frag	cer	2c	stoneware, glazed			31gms
LF0030sur		30.28	jar frag	gla	2c	sq body			25gms
LF0030sur		30.29	jar frag	gla	2c	2 part mould			19gms
LF0030sur		30.30*	bottle frag	gla	4e				5gms
LF0030sur		30.31	bottle neck frag	gla	2c				8gms
LF0030sur		30.32	pipe stem frag	cer	4b	no markings			3gms
LF0030sur		30.33	metal object	met	unident	cu alloy			4gms
LF0030sur		30.34	bottle base	gla	2c	"D' Davey - c. 1870-1900			88gms
LF0030sur		30.35	cer frag	cer	2b	plate rim, purple transfer pattern			12gms
LF0030sur		30.36	cer frags (2)	cer	2b	ironstone - plate			88gms
LF0030sur		30.37	cer frags (2)	cer	2b	Ironstone - bowl			94gms
LF0030sur		30.38	cer frag	cer	2b	small undec. Porcelain dish - c. 130mm D			25gms
LF0030sur		30.39	cer frag	cer	4c				12gms
LF0030sur		30.40*	cer frag	cer	2b	plate, brown banding on rim			28gms
LF0030sur		30.41	cer frag	cer	2b	scallop edged plate, porcelain, pattern of tudor rose + fleur de lis, prob gilded			13gms
LF0030sur		30.42	cer frag	cer	2b	saucer			5gms
LF0030sur		30.43	cer frag	cer	2b	Ironstone, dec with flow blue			3gms
LF0030sur		30.44	cer frag	cer	2b	plate			11gms

	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>		<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
	LF0030sur		30.45	cer frag		cer	1a	Earthenware tile - cream glaze			11gms
	LF0030sur		30.46	cer frag		cer	2b	plate frag			10gms
	LF0030sur		30.47	cer frag		cer	2b	Ironstone, plate frag			5gms
	LF0030sur		30.48	cer frag		cer	2b	dk. blue glaze			4gms
<b>LF0031</b>	<b>Base of Cliff below Lincoln's house site</b>										
	LF0031sur		31.1	Ink bottle		cer	4f	Stoneware - "J.Bourne" mnf 1833-1850			450gms
	LF0031sur		31.2	turbo shells (3)		she	2d				26gms
	LF0031sur		31.3	cer frag		cer	2c	terracotta			193gms
	LF0031sur		31.4	copper sheet frags		met	5b				20gms
	LF0031sur		31.5	bottle frag		gla	2c	case bottle			6gms
	LF0031sur		31.6	bottle frag		gla	2c	colourless			4gms
	LF0031sur		31.7	bottle frags (3) - (clear)		gla	2c				28gms
	LF0031sur		31.8	bottle frag		gla	2c	dk. Green			6gms
	LF0031sur		31.9	bottle frag		gla	4e	panel bottle - "...RK" (NEW YORK?)			9gms
	LF0031sur		31.10*	cer frag		cer	2b	porcelain cup frag - interwoven swags and			8gms
								garlands with individual flower highlights - Blue			
	LF0031sur		31.11	cer frag		cer	2b	RHINE pattern plate			12gms
	LF0031sur		31.12	met frags		met	2c	hoop iron			19gms
	LF0031sur		31.13	cer frag		cer	2b	faceted cup			8gms
	LF0031sur		31.14	cer frag		cer	2b	plate - undec			9gms
	LF0031sur		31.15	cer frags (3)		cer	2b	Ironstone			30gms
	LF0031sur		31.16	button		met	3a	pressed brass, 4 hole			2gms
	LF0031sur		31.17	watch cog		met	4f				1gm
	LF0031sur		31.18	nail		met	1a	cu alloy frag, ( <i>Bounty?</i> )			1gm
	LF0031sur		31.19	nail		met	1a	cu alloy, 38mm			2gms
	LF0031sur		31.20*	barrel iron frags (2)		met	2c				30gms

	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>	<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
<b>LF0035</b>	<b>Below Government Hostel</b>									
	LF0035sur	1	35.1	stone grater	sto	2a	yolla, historic - saw cut			1013gms
	LF0035sur	1	35.2	stone grater	sto	2a	yolla, historic - saw cut (incomplete under)			1247gms
	LF0035sur	12	35.3	cer frag	cer	2b	bowl frag - undecorated			7gms
	LF0035sur	8	35.4	bottle frag - (clear)	gla	2c				7gms
	LF0035sur	1	35.5	cer frag	cer	2b	Creamware, MELBOURNE beading, plate			2gms
	LF0035sur	9	35.6	bottle frag	gla	4e	panel bottle			4gms
	LF0035sur	10	35.7	stone tool flake	sto	5d				3gms
	LF0035sur	10	35.8	bottle frag - (green)	gla	2c				3gms
	LF0035sur	10	35.9	cer frag	cer	2b				2gms
	LF0035sur	10	35.10*	bottle frag	gla	4e	see 35.6			2gms
<b>LF0036</b>	<b>Reynold's garden below Government Hostel</b>									
	LF0036sur	4	36.1	worked stone	sto	5d	Polynesian sling stone			75gms
	LF0036sur	4	36.2	operculum	she	2d				5gms
	LF0036sur	20	36.3	stoneware frag	cer	2c	salt glz ext, unglz int with band décor			18gms
	LF0036sur	20	36.4	tooth	bone	2d	goat			2gms
	LF0036sur	7	36.5	cer frag	cer	2c				36gms
	LF0036sur	7	36.6	bottle frag	gla	2c				2gms
	LF0036sur	13	36.7	bone	bon	2d	goat			2gms
	LF0036sur	13	36.8	operculum	she	2d				3gms
	LF0036sur	26	36.9	cer frag	cer	2b	plate ASIATIC PHEASANT pattern c.1850			15gms
	LF0036sur	17	36.10*	pipe bowl frag	cer	4b	no marks			1gm
	LF0036sur	17	36.11	button	met	3a	naval uniform - eagle with anchor +stars			2gms
	LF0036sur	17	36.12	tooth	bon	2d	goat			2gms
	LF0036sur	11	36.13	stone tool flake	sto	5d				10gms
	LF0036sur	11	36.14	tooth	bon	2d	pig			1gm
	LF0036sur	11	36.15	operculum	she	2d				5gms
	LF0036sur	11	36.16	cer frag	cer	2b	Chinese export -(bowl)			1gm
	LF0036sur	27	36.17	bone frag	bon	2d	bird			1gm

Site	Unit	Field #	Object	Material	Function	Comment			Weight
LF0036sur	12	36.18	stone tool flake	sto	5d				81gms
LF0036sur	12	36.19	bottle frag	gla	2c	v.weathered , solarized			38gms
LF0036sur	10	36.20*	stone tool	sto	5d	grind stone -prov Jinser Valley Cave			273gms
LF0036sur	10	36.21	grommet	met	5b	pressed brass, 12mm ID			2gms
LF0036sur	10	36.22	flat glass	gla	1a	2mm			1gm
LF0036sur	8	36.23	nail frag	met	1a	cu alloy -(St James?)			1gm
LF0036sur	24	36.24	operculum	she	2d				5gms
LF0036sur	24	36.25	operculum	she	2d				3gms
LF0036sur	24	36.26	pipe stem frag	cer	4b	no marks			1gm
LF0036sur	24	36.27	stone tool flake	sto	5d				2gms
LF0036sur	24	36.28	button	met	3a	pressed brass, 4 hole, 16mm D			1gm
LF0036sur	19	36.29	cartridge case	met	2e	12mm D x 17mm,"ELEY LONDON 450"			1gm
LF0036sur	1	36.30*	stone tool flake	sto	5d				18gms
LF0036sur	1	36.31	vertebra	bon	2d	fish			1gm
LF0036sur	9	36.32	stone tool flake	sto	5d				37gms
LF0036sur	9	36.33	stone tool flake	sto	5d				30gms
LF0036sur	9	36.34	jaw	bon	2d	rat			1gm
LF0036sur	9	36.35	bottle frags (3)	gla	4e	panel bottle			12gms
LF0036sur	28	36.36	tapa beater frag	bon	5d	Whalebone - historic			46gms
LF0036sur	28	36.37	operculum	she	2d				2gms
LF0036sur	28	36.38	cer frag	cer	2b	blue trans			1gm
LF0036sur	28	36.39	flat glass	gla	1a	2.5mm thick			1gm
LF0036sur	28	36.40*	flat glass	gla	1a	2mm			1gm
LF0036sur	29	36.41	tapa beater frags (2)	bon	5d	see 37.66			90gms
LF0036sur	29	36.42	operculums (2)	she	2d				7gms
LF0036sur	22	36.43	tapa beater frag	bon	5d	see 37.66			17gms
LF0036sur	22	36.44	operculum	she	2d				3gms

Site	Unit	Field #	Object	Material	Function	Comment			Weight
<b>LF0037 Field above Thursday October's house</b>									
LF37sur	9	37.1	bone	bon	2d	goat			1gm
LF37sur	18	37.2	hammer head	met	5a	round shaft hole			205gms
LF37sur	5	37.3	nail	met	1a	Bounty nail used for metallurgical analysis			1gm
LF37sur	5	37.4	cer frag	cer	2b	flow blue - "WHAMPOA" pattern c 1840			1gm
LF37sur	5	37.5	cer frag	cer	2b	flow blue			1gm
LF37sur	5	37.6	shell	she	2d	turbo shell			8gms
LF37sur	5	37.7	stone	stone	2a	volcanic hearth stone			16gms
LF37sur	5	37.8	nail	met	1a	cu alloy nail - used for met analysis			1gm
LF37sur	59	37.9	stone tool	sto	5d	adze preform frag			89gms
LF37sur	12	37.10*	stone	sto	2a	volcanic hearth stone			132gms
LF37sur	12	37.11	charcoal	oth	2a	charcoal			2gms
LF37sur	12	37.12	cer frag	cer	2b	plate frag - undecorated			2gms
LF37sur	25	37.13	stone	sto	2a	volcanic hearth stone			20gms
LF37sur	25	37.14	cer frag	cer	2b	plate frag - undecorated			2gms
LF37sur	24	37.15	flat glass	gla	1a	6mm thick			20gms
LF37sur	24	37.16	cer frags	cer	2b	2 frags			3gms
LF37sur	32	37.17	jar frag	gla	2c	part fowler jar lip			2gms
LF37sur	32	37.18	nail	met	1a	iron nail frag			1gm
LF37sur	32	37.19	stone tool flake	sto	5d				2gms
LF37sur	32	37.20*	tooth frag	bon	2d	goat			1gm
LF37sur	1	37.21	stone tool flakes	sto	5d				46gms
LF37sur	1	37.22	operculum	she	2d	v.eroded			1gm
LF37sur	23	37.23	stone tool flake	sto	5d				30gms
LF37sur	23	37.24	cer frag	cer	2b	yellow ware frag			1gm
LF37sur	2	37.25	stone tool frag	sto	5d				10gms
LF37sur	15	37.26	operculum	she	2d				1gm
LF37sur	15	37.27	bone frag	bon	2d				1gm
LF37sur	15	37.28	cer frag	cer	2b				1gm
LF37sur	11	37.29	nail frag	met	1a	iron nail frag			1gm
LF37sur	11	37.30*	stone	sto	2a	volcanic hearth stone			9gms

<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>		<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
LF37sur	11	37.31	stone		sto	5d	prehistoric tool flake			7gms
LF37sur	11	37.32	cer frag		cer	2c	stoneware - impressed "FR...?"			18gms
LF37sur	7	37.33	charcoal		oth	2a				1gm
LF37sur	20	37.34	stone tool frag		sto	5d	adze preform frag			104gms
LF37sur	13	37.35	stone tool flakes		sto	5d	prehistoric tool flakes (2)			30gms
LF37sur	13	37.36	rivet		met	3a	cu rivet (jeans?)			1gm
LF37sur	4	37.37	stone tool flakes		sto	5d				40gms
LF37sur	4	37.38	lead frag		met	unident	Bounty ?			15gms
LF37sur	4	37.39	bottle frag		gla	2c				1gm
LF37sur	38	37.40*	nail frag		met	1a				1gm
LF37sur	38	37.41	cer frag		cer	2b	plate frag - undecorated			1gm
LF37sur	38	37.42	cer frag		cer	2b				1gm
LF37sur	38	37.43	flat glass		gla	1a	2mm			1gm
LF37sur	38	37.44	case bottle frag		gla	2c				1gm
LF37sur	19	37.45	coal		oth	5c				1gm
LF37sur	19	37.46	writing slate frags		sto	4f	2 frags			2gms
LF37sur	19	37.47	stone tool flake		sto	5d				15gms
LF37sur	19	37.48	pipe stem frag		cer	4b				1gm
LF37sur	19	37.49	button		gla	3a	4 hole			1gm
LF37sur	19	37.50*	cer frag		cer	2b	plate frag with blue banding at edge			1gm
LF37sur	19	37.51	cer frag		cer	2b				3gms
LF37sur	22	37.52	stone tool flake		sto	5d				10gms
LF37sur	22	37.53	cer frag		cer	2c	stoneware jar			5gms
LF37sur	8	37.54	bottle frag		gla	2c	panel bottle frag			1gm
LF37sur	40	37.55	bottle frag		gla	2c	black bottle			2gms
LF37sur	3	37.56	bottle frag		gla	2c				1gm
LF37sur	6	37.57	obsidian flake		sto	5d				1gm
LF37sur	6	37.58	cu alloy object		met	unident				2gms
LF37sur	6	37.59	charcoal		oth	2a				1gm
LF37sur	17	37.60*	stone tool flake		sto	5d				20gms
LF37sur	17	37.61	cer frag		cer	2b				1gm

<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>	<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
LF37sur	21	37.62	bottle frag	gla	2c				1gm
LF37sur	26	37.63	stoneware jar frag	cer	2c	Shaw Savill shipping			279gms
LF37sur	26	37.64	volcanic stone	sto	2a	yolla frag			191gms
LF37sur	26	37.65	stone tool flakes	sto	5d	2 frags			35 gms
LF37sur	26	37.66	bottle frag	gla	2c				26gms
LF37sur	26	37.67	unident	cer	unident	clay? With marks of woven wrapping			360gms
LF37sur	61	37.68	tooth	bon	2d	goat			16gms
LF37sur	61	37.69	cer frag	cer	2b	"GIRAFFE " pattern mnf 1836			1gm
LF37sur	61	37.70*	operculum	she	2d				1gm
LF37sur	61	37.71	obsidian flake	sto	5d				1gm
LF37sur	61	37.72	cup frag	cer	2b	WHITE STAR LINE c. 1905			22gms
LF37sur	61	37.73	nail	met	1a	cu alloy nail - used for met analysis			1gm
LF37sur	42	37.74	stone tool flake	sto	5d				8gms
LF37sur	42	37.75	stone tool	sto	5d	awl			19gms
LF37sur	47	37.76	harmonica part	met	4b	Dem Verdienste post 1873			5gms
LF37sur	35	37.77	cer frag	cer	2b	Ironstone			25gms
LF37sur	35	37.78	volcanic stone	sto	2a	volcanic hearth stone			147gms
LF37sur	35	37.79	cer frag	cer	2b	plate frag - undecorated			8gms
LF37sur	35	37.80*	stone tool flake	sto	5d				16gms
LF37sur	35	37.81	button	met	3a	pressed 4 hole, "LEWIS'S LIVERPOOL			1gm
LF37sur	35	37.82	bottle frag	gla	2c				4gms
LF37sur	35	37.83	bottle frag	gla	2c				1gm
LF37sur	41	37.84	copper sheathing	met	1a	Bounty sheathing with sq nail holes			123gms
LF37sur	33	37.85	stone tool frag	sto	5d	prehistoric adze -part polished			233gms
LF37sur	33	37.86	volcanic stone	sto	2a	volcanic hearth stone			87gms
LF37sur	33	37.87	nail frags	met	1a	iron			31gms
LF37sur	33	37.88	nail	met	1a	cu alloy nail - 25mm			1gm
LF37sur	33	37.89	button	met	3a	naval uniform -NZSC			5gms
LF37sur	33	37.90*	cer frag	cer	2b				4gms
LF37sur	33	37.91	cer frag	cer	2b	plate frag - undecorated			30gms
LF37sur	33	37.92	cer frag	cer	2b	plate frag - undecorated			16gms

<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>	<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
LF37sur	54	37.93	door handle	met	1a	bronze - oval shape			154gms
LF37sur	54	37.94	cer frag	cer	2b	small "X" cut in base ring (Xtian)			13gms
LF37sur	54	37.95	cer frag	cer	2b	plate - purple transfer (meander on edge)			7gms
LF37sur	54	37.96	slate pencil frag	sto	4f				1gm
LF37sur	54	37.97	tooth frag	bon	2d	goat			1gm
LF37sur	55	37.98	cer frag	cer	2b	see ADAMS' mug -Mitchell Library			2gms
LF37sur	55	37.99	cer frag	cer	2b				1gm
LF37sur	55	37.100*	pipe stem frag	cer	4b	no marks			1gm
LF37sur	55	37.101	metal frag	met	1b	lamp part			13gms
LF37sur	55	37.102	bottle frag	gla	2c				1gm
LF37sur	29	37.103	cer frag	cer	2b	plate frag - undecorated			7gms
LF37sur	29	37.104	flat glass	gla	1a	6mm thick			6gms
LF37sur	29	37.105	bottle frag	gla	2c				8gms
LF37sur	29	37.106	stone tool flake	sto	5d				2gms
LF37sur	29	37.107	bottle frags	gla	2c				2gms
LF37sur	34	37.108	cer frag	cer	2b	see 37.103 ironstone			55gms
LF37sur	34	37.109	cer frag	cer	2b	white undecorated plate			21gms
LF37sur	62	37.110*	hammer head	met	1a				501gms
LF37sur	39	37.111	stove part	met	2a	cast iron			153gms
LF37sur	39	37.112	hearth stone	sto	2a				5gms
LF37sur	39	37.113	nail frag	met	1a	iron			2gms
LF37sur	39	37.114	cer frag	cer	2b	plate rim			3gms
LF37sur	39	37.115	cer frag	cer	2b	plate base			5gms
LF37sur	46	37.116	stone tool frag	sto	5d				21gms
LF37sur	51	37.117	cer frag	cer	2b	green shell edge			4gms
LF37sur	51	37.118	cer frag	cer	2b	NZ Shipping Co plate - pitcaim post 1915			22gms
LF37sur	51	37.119	tooth	bon	2d	goat			1gm
LF37sur	51	37.120*	bone frag	bon	2d	??			3gms
LF37sur	41	37.121	stone tool flake	sto	5d				10gms
LF37sur	50	37.122	hearth stone	sto	2a				165gms
LF37sur	50	37.123	operculum	she	2d				7gms

	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>		<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
	LF37sur	50	37.124	button		met	3a	naval uniform -ASA Co			8gms
	LF37sur	50	37.125	bottle frag		gla	2c				2gms
	LF37sur	44	37.126	bottle frag		gla	2c	case bottle			2gms
	LF37sur	44	37.127	cer frag		cer	2b				8gms
	LF37sur	44	37.128	cer frag		cer	2b				2gms
	LF37sur	44	37.129	bone frag		bon	2d				2gms
	LF37sur	48	37.130*	cer jar frag		cer	2c	100mm diam			29gms
	LF37sur	48	37.131	adze		met	5a	MTQ Cons lab			928gms
	LF37sur	52	37.132	cer frag		cer	2b	plate frag			8gms
	LF37sur	52	37.133	hoe		met	5a	v.crude hand wrought			905gms
	LF37sur	52	37.134	barrel hoop iron		met	2c				169gms
	<b>LF0037 Test pit 2 - Field above Thursday October's house -</b>										
	LF0037T2		37T.1	turbo shell		she	2d				14gms
	LF0037T2		37T.2	bone		bon	2d	butchered end - unident			38gms
	LF0037T2		37T.3	bone frags (3)		bon	2d	unident _Whale ??			9gms
	LF0037T2		37T.4	cer frag		cer	2b	Ironstone - undecorated plate frag			17gms
	<b>LF0038 Hostel Lawn and drive</b>										
	LF38sur	20	38.1	cer frag		cer	2b	saucer			4gms
	LF38sur	20	38.2	pipe stem		cer	4b	no marks			2gms
	LF38sur	20	38.3	gun part		met	2e	bronze ram rod end			7gms
	LF38sur	20	38.4	unident		met	unident	cast bronze object			16gms
	LF38sur	15	38.5	nail		met	1a	Bounty sheathing nail 40mm			5gms
	LF38sur	15	38.6	nail		met	1a	Bounty chisel nosed nail frag			4gms
	LF38sur	15	38.7	cer frag		cer	2b	Mug frag (see ADAMS' mug -Mitchell Library	1gm		
	LF38sur	15	38.8	pipe stem		cer	4b	pipe stem frag - no markings			1gm
	LF38sur	3	38.9	button		met	3a	brass - "Transporter - REGD BRAND"			2gms
	LF38sur	3	39.10*	unident		met	unident				1gm

Site	Unit	Field #	Object	Material	Function	Comment				Weight
LF38sur	3	38.11	cer frag	cer	2b	plate frag				2gms
LF38sur	33	38.12	cer frag	cer	2b	Chinese export ware frag				2gms
LF38sur	33	38.13	bowl frags	cer	2b	red transfer pattern - 4 pieces				16gms
LF38sur	33	38.14	button	gla	3a	small 4 hole button				1gm
LF38sur	1	38.15	pipe stem	cer	4b	pipe stem frag - no markings				1gm
LF38sur	1	38.16	pipe bowl frag	cer	4b	no marks				1gm
LF38sur	1	38.17	bead	gla	4a	pale blue trade bead				1gm
LF38sur	1	38.18	nail frag	met	1a	sq copper nail - <i>Bounty</i> ?				5gms
LF38sur	27	38.19	pipe bowl frag	cer	4b	no marks				1gm
LF38sur	27	38.20*	bead	gla	4a	white spun glass trade bead				1gm
LF38sur	27	38.21	cer frag	cer	2b	"GIRAFFE" pattern mnf. 1836				1gm
LF38sur	27	38.22	cer frag	cer	2b					2gms
LF38sur	27	38.23	cer frag	cer	2b	plate frag				11gms
LF38sur	14	38.24	jar frag	gla	2c	Fowler jar lip, machine moulded				41gms
LF38sur	14	38.25	bead	gla	4a	machined blue bead				1gm
LF38sur	14	38.26	pipe stem	cer	4b	no marks				1gm
LF38sur	14	38.27	cer frag	cer	2b	plate frag				2gms
LF38sur	14	38.28	cer frag	cer	2b	cup frag - black transfer pattern				1gm
LF38sur	14	38.29	cer frag	cer	2b					1gm
LF38sur	14	38.30*	met frag	met	unident	impressed crown + VR PATENT				4gms
LF38sur	34	38.31	pipe stem	cer	4b	marked "...SGOW"				2gms
LF38sur	34	38.32	button	gla	3a	identical to 38.14				1gm
LF38sur	34	38.33	cer frag	cer	2b	blue transfer				1gm
LF38sur	34	38.34	nail	met	1a	cast bronze nail frag				5gms
LF38sur	21	38.35	nail	met	1a	rose head, iron, 75mm x 7mm sq shank				26 gms
LF38sur	21	38.36	pipe stem	cer	4b	no marks				1gm
LF38sur	21	38.37	bead	gla	4a	green cut glass bead				1gm
LF38sur	21	38.38	cer frag	cer	2b	plate frag - "ASIATIC PHEASANT" pattern				1gm
LF38sur	21	38.39	cer frag	cer	2b	blue shell edge plate frag				1gm
LF38sur	21	38.40*	cer frag	cer	2b	blue transfer				1gm
LF38sur	21	38.41	cer frag	cer	2b	porcelain, hand painted over glaze - Chinese				1gm

<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>		<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
LF38sur	5	38.42	pipe stem		cer	4b	marked ...MOSS..			1gm
LF38sur	5	38.43	cer frag		cer	2b	brown transfer			1gm
LF38sur	5	38.44	cer frag		cer	2b	red transfer - see 38.13			1gm
LF38sur	5	38.45	cer frag		cer	2b				2gms
LF38sur	5	38.46	cer frag		cer	2c	salt glaze part lip small bottle			1gm
LF38sur	4	38.47	cer frag		cer	2b	Chinese export ware frag			1gm
LF38sur	4	38.48	cer frag		cer	2b	mauve transfer, plate frag - GIRAFFE?			1gm
LF38sur	4	38.49	cer frag		cer	2b	Ironstone decorated pale blue transfer			9gms
LF38sur	4	38.50*	pipe stem		cer	4b	teeth marks			1 gm
LF38sur	6	38.51	slate		sto	4f	writing slate frag			4gms
LF38sur	6	38.52	cer frag		cer	2b	frag of sponged ware			2gms
LF38sur	25	38.53	dolls head		cer	4b	small white glazed dolls head			1gm
LF38sur	25	38.54	pipe bowl frag		cer	4b	no marks			1gm
LF38sur	10	38.55	cer frag		cer	2b	Chinese export ware - see 38.47			1gm
LF38sur	10	38.56	pipe bowl frag		cer	4b				1gm
LF38sur	10	38.57	cer frag		cer	2b	saucer - Willow Pattern			1gm
LF38sur	17	38.58	pipe bowl frag		cer	4b	marked "D"			1gm
LF38sur	17	38.59	pipe stem		cer	4b	no marks			1gm
LF38sur	17	38.60*	button		met	3a	pressed brass, 4 holes			1gm
LF38sur	28	38.61	pipe stem		cer	4b				1gm
LF38sur	28	38.62	pipe stem		cer	4b				1gm
LF38sur	28	38.63	cer frag		cer	2b	red transfer -see 38.13			1gm
LF38sur	28	38.64	cer frag		cer	2b	Minton 'DELFT' used on WHITE STAR LINE			1gm
LF38sur	28	38.65	stopper		gla	2c	"LEA & PERRINS" - 1880-1900			8gms
LF38sur	7	38.66	cer frag		cer	2c	storage jar glazed internally + ext shoulder			84gms
LF38sur	30	38.67	cer frag		cer	2c	willow pattern plate			2gms
LF38sur	30	38.68	cer frag		cer	2b	black transfer frag	(tower dome)		1gm
LF38sur	30	38.69	button		met	3a	pressed brass, 4 holes			1gm
LF38sur	12	38.70*	cer frag		cer	2b	plate frag	(willow pattern)		1gm
LF38sur	12	38.71	cer frag		cer	2b	plate frag			1gm

	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>		<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
<b>LF0039</b>	<b>Cliff below Parsonage</b>										
	LF0039sur	39.1	bottle neck		gla	4e	pharmaceutical				37gms
	LF0039sur	39.2	bottle frags -(2)		gla	2c	pharmaceutical				13gms
	LF0039sur	39.3	cer frag		cer	2b	Ironstone				80gms
	LF0039sur	39.4	bottle neck		gla	2c	colourless, 32mm opening				33gms
	LF0039sur	39.5	bottle frag		gla	2c	dk. Green				39gms
	LF0039sur	39.6	bottle frag		gla	2c	incised mark (broad arrow?- Mark of Sam Warren - pitcaim 1862 - d.1877				15gms
	LF0039sur	39.7	cer jar		cer	2c	stoneware				135gms
	LF0039sur	39.8	writing slate frags (2)		sto	4f					14gms
	LF0039sur	39.9	hoop iron		met	2c	40mm wide				48gms
	LF0039sur	39.10*	grommet		met	5b	14mm ID, pressed brass				3gms
	LF0039sur	39.11	barrel iron		met	2c					17gms
	LF0039sur	39.12	Tile frag		cer	1a	terracotta glazed with cream slip -see 30.45				4gms
	LF0039sur	39.13	cer jar frags -(3)		cer	2c	stoneware				95gms
	LF0039sur	39.14	cer jar frag		cer	2c	stoneware, rouleted beading				10gms
	LF0039sur	39.15	glass frag		gla	2c	colourless, blown				7gms
	LF0039sur	39.16	glass frag		gla	2c	melted and deformed				11gms
	LF0039sur	39.17	cer frag		cer	2b	flow blue				1gm
	LF0039sur	39.18	cer frag		cer	2b	blue transfer - (bowl?)				10gms
	LF0039sur	39.19	bottle frag		gla	2c	milky streak in black glass				8gms
	LF0039sur	39.20*	cer frag		cer	2b	blue transfer - saucer				1gm
	LF0039sur	39.21	bead		gla	4a	opaque blue				1gm
	LF0039sur	39.22	bead		gla	4a	blue, cut glass				1gm
	LF0039sur	39.23	bead		gla	4a	brown, long and tapered at ends				3gms
	LF0039sur	39.24	button		gla	3a	pale blue, moulded pattern and lug				1gm
	LF0039sur	39.25	button		met	3a	pressed iron with plating, 4 hole				1gm
	LF0039sur	39.26	bottle frag		gla	2c					1gm
	LF0039sur	39.27	cer frag		cer	unident					2gms
	LF0039sur	39.28	cer frag		cer	2b					1gm

<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>	<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
LF0039sur		39.29	prunt frag	gla	2c	symbol - 3 small trees			2gms
LF0039sur		39.30*	clock cog	met	4f	cu alloy, 65mm D toothed cog			12mm
LF0039sur		39.31	cup handle	cer	2b	loop handle with thumb rest			24gms
LF0039sur		39.32	cer frags (2)	cer	2b	"CALIFORNIA" pattern plate - mnf 1849			21gms
LF0039sur		39.33	cer frag	cer	2b	"PALESTINE" pattern plate			3gms
LF0039sur		39.34	cer frags (4)	cer	2b	Chinese export ware, bowl			28gms
LF0039sur		39.35	cer frag	cer	2b	Chinese export ware, plate			3gms
LF0039sur		39.36	operculum	she	2d				8gms
LF0039sur		39.37	operculum	she	2d				7gms
LF0039sur		39.38	cer frag	cer	2b	blue transfer			2gms
LF0039sur		39.39	cer frag	cer	2b	hand painted, blue, earthenware, bowl			2gms
LF0039sur		39.40*	cer frag	cer	2b	GIRAFFE pattern			6gms
LF0039sur		39.41	cer frag	cer	4f	ink bottle frag, stoneware			72gms
LF0039sur		39.42	cer frag	cer	2b	mug, BLUE ITALIAN pattern			16gms
LF0039sur		39.43	cer frag	cer	2b	blue shell edge, plate			26gms
LF0039sur		39.44	cer frag	cer	2b	pale blue willow ware, bowl			11gms
LF0039sur		39.45	cer frag	cer	2b	mulberry ware, Poppy design, plate			15gms
LF0039sur		39.46	cer frag	cer	4c	wash basin, rose pattern			40gms
LF0039sur		39.47	pipe stem frags (2)	cer	4b	no markings			5gms
LF0039sur		39.48	bottle frag	gla	2c	carbonated beverage bottle "55"			17gms
LF0039sur		39.49	bottle neck frag	gla	4e				4gms
LF0039sur		39.50*	cer frag	cer	2c	stoneware jar			19gms
LF0039sur		39.51	cer frag	cer	2b	WHITE STAR LINE,delft pattern, plate			7gms
LF0039sur		39.52	bottle frags (9)	gla	2c	black bottle (1 individual)			83gms
LF0039sur		39.53	bottle frags (11)	gla	2c	wine			68gms
LF0039sur		39.54	cer frag	cer	2b	willow ware, plate			8gms
LF0039sur		39.55	cer frag	cer	2b	blue transfer, plate			5gms
LF0039sur		39.56	cer frag	cer	2b	undecorated, plate			14gms
LF0039sur		39.57	cer frag	cer	2b	red transfer, bowl			2gms

	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>	<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
<b>LF0040</b>	<b>Medical Centre to Parsonage</b>									
	LF0040sur	37	40.1	pipe stem frag	cer	4b	band of 3 parallel rings			1gm
	LF0040sur	64	40.2	copper sheet frag	met	1a	small nail holes			3gms
	LF0040sur	64	40.3	bone frag	bon	2d	other			1gm
	LF0040sur	88	40.4	flat glass	gla	1a	2mm thick			1gm
	LF0040sur	13	40.5	cer frag	cer	2b	Ironstone - undecorated			2gms
	LF0040sur	12	40.6	stone flake	sto	5d				2gms
	LF0040sur	12	40.7	cer frag	cer	2b				1gm
	LF0040sur	36	40.8	metal frag	met	unident	cu alloy			5gms
	LF0040sur	36	40.9	metal frag	met	1a	washer			1gm
	LF0040sur	36	40.10*	bottle frags (3)	gla	2c				6gms
	LF0040sur	62	40.11	catch	met	1b	cu alloy, ring catch with tongue			28gms
	LF0040sur	62	40.12	cer frag	cer	2b				3gms
	LF0040sur	62	40.13	bottle frag	gla	2c				1gm
	LF0040sur	86	40.14	cer frag	cer	2b	PALESTINE pattern, plate, incised marks			6gms
	LF0040sur	86	40.15	cer frag	cer	2b	PALESTINE pattern, bowl??			3gms
	LF0040sur	86	40.16	cer frag	cer	2b	GIRAFFE pattern, bowl or cup			1gm
	LF0040sur	86	40.17	turbo shell frag	she	2d				6gms
	LF0040sur	86	40.18	stone tool flakes (2)	sto	5d				29gms
	LF0040sur	68	40.19	volcanic rock frag	sto	2a				62gms
	LF0040sur	68	40.20*	bottle frag	gla	2c	black bottle			20gms
	LF0040sur	68	40.21	bottle frags (4)	gla	2c				5gms
	LF0040sur	68	40.22	operculum	she	2d				2gms
	LF0040sur	68	40.23	cer frag	cer	2b				1gm
	LF0040sur	118	40.24	nail	met	1a	cu alloy, cast, sq head, 55mm			8gms
	LF0040sur	118	40.25	cer frag	cer	2b	plate frag			4gms
	LF0040sur	118	40.26	bottle frags (2)	gla	2c				2gms
	LF0040sur	66	40.27	cer frag	cer	2b	CANOVA pattern - T.Mayer c.1835			5gms
	LF0040sur	66	40.28	cer frag	cer	2b	Creamware frag, plate			2gms
	LF0040sur	66	40.29	cer frags (3)	cer	2b	undecorated			8gms
	LF0040sur	66	40.30*	bottle frag	gla	2c				3gms

Site	Unit	Field #	Object	Material	Function	Comment			Weight
LF0040sur	66	40.31	stone tool frag	sto	5d				7gms
LF0040sur	16	40.32	cer frag	cer	2b	Chinese export ware, frag serving plate			67gms
LF0040sur	16	40.33	cer frag	cer	2b	flow blue			1gm
LF0040sur	16	40.34	flat glass frag	gla	1a	2mm			1gm
LF0040sur	119	40.35	bottle frags (3)	gla	2c				12gms
LF0040sur	16	40.36	stone tool flake	sto	5d				7gms
LF0040sur	67	40.37	writing slate frag	sto	4f				2gms
LF0040sur	67	40.38	cer frags (2)	cer	2b	undecorated			5gms
LF0040sur	44	40.39	cer frag	cer	2b	undecorated			1gm
LF0040sur	44	40.40*	nail frags	met	1a	iron			2gms
LF0040sur	94	40.41	cer frag	cer	2b	blue shell edge, scalloped rim			3gms
LF0040sur	94	40.42	cer frag	cer	2b	ASIATIC PHEASANT pattern, plate frag			2gms
LF0040sur	94	40.43	cer frag	cer	2b	blue and white banded frag			8gms
LF0040sur	94	40.44	cer frag	cer	2b	undecorated			1gm
LF0040sur	94	40.45	metal frag	met	1a	lead with nail head impression			6gms
LF0040sur	94	40.46	bottle glass	gla	4e	blue			3gms
LF0040sur	42	40.47	obsidian flake	sto	5d				2gms
LF0040sur	42	40.48	bottle frag	gla	2c				3gms
LF0040sur	42	40.49	bottle frag	gla	2c				1gm
LF0040sur	42	40.50*	cer frag	cer	2b	undecorated			3gms
LF0040sur	18	40.51	bottle frag	gla	2c	incised marking, wine bottle			1gm
LF0040sur	18	40.52	nail frag	met	1a	iron			2gms
LF0040sur	18	40.53	bone frag	bon	2d				3gms
LF0040sur	46	40.54	cer frag	cer	2b				4gms
LF0040sur	24	40.55	bottle frag	gla	2c				2gms
LF0040sur	123	40.56	stone tool flake	sto	5d				36gms
LF0040sur	123	40.57	bottle frag	gla	2c				2gms
LF0040sur	125	40.58	bottle frag	gla	2c				1gm
LF0040sur	123	40.59	cer frag	cer	2b	New Zealand Shipping Co, post 1915			7gms
LF0040sur	146	40.60*	cer frag	cer	2b	Ironstone - undecorated			4gms
LF0040sur	146	40.61	bottle frag	gla	2c				1gm

<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>	<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
LF0040sur	146	40.62	operculum	she	2d				3gms
LF0040sur	146	40.63	cer frag	cer	2b				3gms
LF0040sur	146	40.64	bottle frag	gla	2c				2gms
LF0040sur	146	40.65	operculum	she	2d				1gm
LF0040sur	146	40.66	cer frag	cer	2b	plate frag			2gms
LF0040sur	146	40.67	bottle frags (2)	gla	4e				2gms
LF0040sur	173	40.68	cup frag	cer	2b	decorated with gilt swags (traces only)			3gms
LF0040sur	173	40.69	cer frag	cer	2b	GIRAFFE pattern, plate frag			2gms
LF0040sur	173	40.70*	cer frag	cer	4c	sponge pattern, chamber pot frag			6gms
LF0040sur	173	40.71	cer frags (2)	cer	2b	blue shell edge, scalloped rim			7gms
LF0040sur	173	40.72	cer frag	cer	2b	blue transfer			3gms
LF0040sur	173	40.73	cer frags (2)	cer	2b	undecorated, plate frags			7gms
LF0040sur	197	40.74	cer frag	cer	2b	blue transfer			1gm
LF0040sur	197	40.75	cer frag	cer	2b	undecorated			2gms
LF0040sur	197	40.76	operculum	she	2d				2gms
LF0040sur	222	40.77	metal frag	met	unident				48gms
LF0040sur	222	40.78	doll's arm	cer	4b	right arm			3gms
LF0040sur	246	40.79	lion's head	met	4a	pressed brass, no attachment evident			2gms
LF0040sur	246	40.80*	obsidian flake	sto	5d				8gms
LF0040sur	247	40.81	slate pencil	sto	4f				1gm
LF0040sur	247	40.82	cer frag	cer	2b	blue transfer, bowl frag			8gms
LF0040sur	247	40.83	cer frag	cer	2b	blue transfer			2gms
LF0040sur	247	40.84	unident	met	unident				6gms
LF0040sur	141	40.85	turbo shell	she	2d				6gms
LF0040sur	141	40.86	bottle glass frag	gla	4e				5gms
LF0040sur	169	40.87	slate pencil	sto	4f				2gms
LF0040sur	169	40.88	nail	met	1a	75mm, iron,			4gms
LF0040sur	169	40.89	bottle frag	gla	4e	graduated marks			2gms
LF0040sur	169	40.90*	unident	met	unident	cu alloy frag			2gms
LF0040sur	195	40.91	operculum	she	2d				3gms
LF0040sur	195	40.92	bottle frag	gla	2c				20gms

<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>		<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
LF0040sur	195	40.93	cer frag		cer	2b	NZ Shipping Co, plate frag - post 1915			1gm
LF0040sur	195	40.94	bottle frags		gla	2c				6gms
LF0040sur	140	40.95	cup frag		cer	2b	BRITANNIA POTTERY - 1920-35			26gms
LF0040sur	140	40.96	cer frag		cer	2b	plate frag, undecorated			8gms
LF0040sur	140	40.97	cer jar frag		cer	2c	stoneware			51gms
LF0040sur	140	40.98	cer frag		cer	2b	blue shell edge, scalloped rim, plate			13gms
LF0040sur	140	40.98	cer frag		cer	2b	blue shell edge, plate, not above			10gms
LF0040sur	186	40.99	stone tool flakes (2)		sto	5d				57gms
LF0040sur	186	40.100*	jar base		gla	2c				66gms
LF0040sur	318	40.101	spoon frag		met	2b	serving, Fiddle pattern, cu alloy plated			30gms
LF0040sur	318	40.102	stone tool flake		sto	5d				105gms
LF0040sur	318	40.103	cer frag		cer	2b	WILLOW pattern, plate			5gms
LF0040sur	318	40.104	cer frag		cer	2b	BLUE ITALIAN pattern, plate			4gms
LF0040sur	318	40.105	cer frag		cer	2b	blue transfer, plate			5gms
LF0040sur	318	40.106	cer frag		cer	2b	blue transfer, saucer			2gms
LF0040sur	345	40.107	cer frag		cer	2b	blue edge - banded plate			38gms
LF0040sur	271	40.108	nail		met	1a	die-headed, sq cu alloy, 73mm			13gms
LF0040sur	300	40.109	cer frags (2)		cer	2b	undecorated			8gms
LF0040sur	300	40.110*	flat glass frag		gla	1a	3.5mm			2gms
LF0040sur	275	40.111	bottle neck		gla	4e	6mm opening			4gms
LF0040sur	275	40.112	obsidian flake		sto	5d				2gms
LF0040sur	275	40.113	cer frag		cer	2b	undecorated			1gm
LF0040sur	350	40.114	Doll's head frag		cer	4b	forehead			5gms
LF0040sur	350	40.115	cer frag		cer	2c				6gms
LF0040sur	350	40.116	nail frag		met	1a				19gms
LF0040sur	375	40.117	writing slate frag		sto	4f				12gms
LF0040sur	375	40.118	clam shell frag		she	4a				46gms
LF0040sur	375	40.119	cer frag		cer	2b	blue shell edge plate			18gms
LF0040sur	375	40.120*	cer frag		cer	2b	Chinese export ware, frag			2gms
LF0040sur	375	40.121	cer frag		cer	2b	ASIATIC PHEASANT pattern, plate frag			8gms
LF0040sur	375	40.122	cer frag		cer	2b	blue transfer, plate frag			3gms

<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>	<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
LF0040sur	375	40.123	bottle frag	gla	2c				2gms
LF0040sur	375	40.124	bone frag	bon	2d	unident			1gm
LF0040sur	375	40.125	flat glass frag	gla	1a	2mm			1gm
LF0040sur	324	40.126	ornamental fitting	met	1b	turned cu alloy (guard rail?)			231gms
LF0040sur	324	40.127	cer frag	cer	2b	ASIATIC PHEASANT pattern, plate frag			26gms
LF0040sur	324	40.128	cer frag	cer	2b	WILLOW pattern, plate			8gms
LF0040sur	324	40.129	cer frag	cer	2b	mulberry ware			2gms
LF0040sur	324	40.130*	cer frag	cer	2b	blue transfer, plate			10gms
LF0040sur	324	40.131	cer frag	cer	2b	pale blue transfer, plate			5gms
LF0040sur	324	40.132	cer frags (3)	cer	2c	stoneware jar			99gms
LF0040sur	324	40.133	cer frag	cer	2b	undecorated plate "IV.." cut on foot ring			10gms
LF0040sur	324	40.134	cer frag	cer	2c	saltglazed stoneware jar frag			24gms
LF0040sur	324	40.135	cer frag	cer	2b	yellow ware			12gms
LF0040sur	307	40.136	flat glass frags (3)	gla	1a	2mm			4gms
LF0040sur	307	40.137	cer frag	cer	2b	Chinese export ware, incised personal mark			14gms
LF0040sur	307	40.138	cer frag	cer	2b	cup, brown printed pattern on rim			5gms
LF0040sur	307	40.139	flat glass	gla	1b	5.5mm, frosted and etched with floral motifs			15gms
LF0040sur	307	40.140*	jar neck frag	gla	2c	screw top			8gms
LF0040sur	332	40.141	cer frag	cer	1b	vase frag, "...on TRENT ...GLAND" post 18			24gms
LF0040sur	332	40.142	cer frag	cer	2b	SHAW SAVILLE & ALBION, post 1916			5gms
LF0040sur	332	40.143	nail	met	1a	die-headed, sq cu alloy, 50mm			8gms
LF0040sur	332	40.144	cup frag	cer	2b	blue transfer pattern, unidentified			14gms
LF0040sur	332	40.145	operculum	she	2d				3gms
LF0040sur	332	40.146	cer frag	cer	2b	blue transfer (castle?)			6gms
LF0040sur	332	40.147	cer frag	cer	2b	blue transfer			4gms
LF0040sur	332	40.148	cer frag	cer	2b	undecorated			5gms
LF0040sur	356	40.149	writing slate frag	sto	4f				2gms
LF0040sur	255	40.150*	bead	gla	4a				1gm
LF0040sur	255	40.151	flat glass	gla	1a	3.5mm thick			7gms
LF0040sur	329	40.152	belt buckle	bon	3a	Chinese interwoven dragons, carved			8gms
LF0040sur	329	40.153	cup frag	cer	2b	undecorated			11gms

	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>		<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
	LF0040sur	329	40.154	flat glass frags (3)		gla	1a	2mm			5gms
	LF0040sur	329	40.155	bottle neck		gla	2c	napped edge			18gms
	LF0040sur	354	40.156	cer frag		cer	2b	NAPIER pattern, Alcock c. 1839 -46, plate			16gms
	LF0040sur	354	40.157	flat glass frags (2)		gla	1a	2mm thick			12gms
	LF0040sur	354	40.158	bottle frag		gla	2c	wine			6gms
	LF0040sur	351	40.159	tea spoon		met	2b	Fiddle pattern, "RABONE, Alpaca" - Chile?			22gms
	LF0040sur	351	40.160*	pipe bowl frag		cer	4b	no markings			1gm
	LF0040sur	326	40.161	operculum		she	2d				5gms
	LF0040sur	326	40.162	bottle frag		gla	2c	black bottle			8gms
	LF0040sur	227	40.163	bottle neck		gla	2c	black bottle			32gms
	LF0040sur	227	40.164	cer frag		cer	2c	stoneware jar			18gms
	LF0040sur	204	40.165	stone flake		sto	5d				32gms
	LF0040sur	204	40.166	cer frag		cer	2b	blue shell edge			3gms
	LF0040sur	204	40.167	cu rove		met	5b				2gms
	LF0040sur	204	40.168	watch part		met	4f	cog			1gm
	LF0040sur	204	40.169	cer frag		cer	2b	undecorated			4gms
	LF0040sur	177	40.170*	stone tool		sto	5d	adze			36gms
	LF0040sur	177	40.171	stone tool frag		sto	5d	adze tip			23gms
	LF0040sur	177	40.172	stone tool frag		sto	5d	adze frag			76gms
	LF0040sur	177	40.173	stone tool flakes (2)		sto	5d				19gms
	LF0040sur	177	40.174	operculums (2)		she	2d				3gms
	LF0040sur	127	40.175	clam shell frag		she	4a				17gms
	LF0040sur	127	40.176	operculum		she	2d				4gms
	LF0040sur	127	40.177	cer frag		cer	2b	NZ Shipping Co, plate frag - post 1915			11gms
	LF0040sur	127	40.178	cer frag		cer	2b	undecorated, plate			9gms
	LF0040sur	127	40.179	cut glass prism		gla	1b	amber coloured			15gms
	LF0040sur	178	40.180*	bottle base		gla	2c	beer bottle			9gms
	LF0040sur	54	40.181	turbo shells (2)		she	2d				121gms
	LF0040sur	54	40.182	cer frag		cer	2b	flow blue frag			1gm
	LF0040sur	54	40.183	bottle frag		gla	4e				10gms
	LF0040sur	54	40.184	cer frag		cer	2b	undecorated ironstone plate			18gms

	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>		<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
	LF0040sur	54	40.185	cup frag		cer	2b	undecorated			8gms
	LF0040sur	54	40.186	bottle frags (2)		gla	2c				9gms
	LF0040sur	54	40.187	turbo shells (2)		she	2d				5gms
	LF0040sur	54	40.188	nail		met	1a	cu alloy 40mm			3gms
	LF0040sur	54	40.189	coin		met	4d	1 cent, CANADA - 1933			3gms
	LF0040sur	54	40.190*	button		she	3a	pearlshell button, 4 hole			3gms
	LF0040sur	54	40.191	tusk		bon	2d	boar's tusk, 100mm L			25gms
	LF0040sur	54	40.192	pipe bowl frag		cer	4b	fluted			2gms
<b>LF0041</b>	<b>Area behind Terry Young's</b>										
	LF41sur	3	41.1	brick frag		sto	1a	approx 90mm wide			335gms
	LF41sur	42	41.2	metal frag		met	2c	iron barrel hoop (2 x 6mm rivets) 37mm wide			90gms
	LF41sur	2	41.3	metal frag		met	5b	cu alloy strip + riveted frag			115gms
	LF41sur	2	41.4	shell frag		she	4a	pearl shell frag			33gms
	LF41sur	6	41.5	knife blade		met	2a	9" blade			325gms
	LF41sur	9	41.6	bottle neck		gla	2c	black bottle			64gms
	LF41sur	2	41.7	bone		bon	2d	butchered bone			55gms
	LF41sur	39	41.8	coral		she	4a				160gms
	LF41sur	2	41.9	stone tool frag		sto	5d	prehistoric tool frag (adze )			24gms
	LF41sur	2	41.10*	bottle neck		gla	4e				15gms
	LF41sur	2	41.11	pipe frag		cer	4b	clay pipe bowl frag			2gms
	LF41sur	2	41.12	shell		she	2d				1gm
	LF41sur	44	41.13	stone tool frag		sto	5d	prehistoric tool frag (adze )			117gms
	LF41sur	2	41.14	stone tool frag		sto	5d	prehistoric tool frag			33gms
	LF41sur	2	41.15	nail frag		met	1a	wrought iron			5gms
	LF41sur	2	41.16	rivet		met	3a	aluminium fastener			1gm
	LF41sur	17	41.17	stone tool frag		sto	5d	prehistoric tool frag			155gms
	LF41sur	56	41.18	stone tool frag		sto	5d	prehistoric tool frag			65gms
	LF41sur	37	41.19	rat trap frag		met	2d	spring			28gms
	LF41sur	3	41.20*	stopper		cer	2c	ceramic jug closure			44gms

<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>		<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
LF41sur	3	41.21	bottle		gla	2c				12gms
LF41sur	6	41.22	complete bottle		gla	4e	Dr MACKENZIE'S MENTHOIDS			34gms
LF41sur	3	41.23	complete bottle		gla	2c				43gms
LF41sur	3	41.24	cer frag		cer	unident				7gms
LF41sur	3	41.25	cer frag		cer	2b	saucer frag			3gms
LF41sur	3	41.26	costume jewellery		gla	4a	cut glass			2gms
LF41sur	63	41.27	tooth		bon	2d	pig??			6gms
LF41sur	63	41.28	spoon		met	2b	Wm. A.Rogers, Silver Nickel R+ incised IIIV			18gms
LF41sur	63	41.29	metal frag		met	unident				14gms
LF41sur	21	41.30*	bone		bon	2d	bird?			2gms
LF41sur	45	41.31	cer jar frag		cer	2c	joins 41.32	Pearlware		23gms
LF41sur	47	41.32	cer jar frag		cer	2c	joins 41.31	Pearlware		47gms
LF41sur	1	41.33	tooth		bon	2d	goat?			2gms
LF41sur	1	41.34	cer frag		cer	2b	plate			2gms
LF41sur	1	41.35	flat glass		gla	1a	1.5mm			1gm
LF41sur	1	41.36	bottle frag		gla	4e	panel bottle			2gms
LF41sur	1	41.37	stone		sto	unident	obsidian			3gms
LF41sur	22	41.38	thimble frag		met	3b				1gm
LF41sur	2	41.39	cup frag		cer	2b	marked 'S' (Shaw Savill & Albion)			22gms
LF41sur	2	41.40*	nail		met	1a	4" iron nail			16gms
LF41sur	2	41.41	stone frag		sto	5d	prehistoric tool discard			14gms
LF41sur	2	41.42	ceramic frag		cer	2b				2gms
LF41sur	2	41.43	stone frag		sto	5d	prehistoric tool frag			7gms
LF41sur	2	41.44	screw		met	1a	12g x 30mm Sil bronze			5gms
LF41sur	2	41.45	operculum		she	2d				2gms
LF41sur	2	41.46	shell		she	4a	pearl shell frag			2gms
LF41sur	2	41.47	bottle frag		gla	2c				3gms
LF41sur	19	41.48	cer frag		cer	2b	saucer frag			10gms
LF41sur	63	41.49	bottle base		gla	4e	L.GREEN + Chinese characters			183gms
LF41sur	19	41.50*	ornament		cer	4a	Scottie dog - "Made in Occupied Japan"			16gms
LF41sur	19	41.51	shell		she	4a	decorative shell (cowrie)			2gms

	<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>	<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>	
	LF41sur	13	41.52	shell frag	she	4a	part clam shell			90gms	
	LF41sur	55	41.53	shell frag	she	4a	part clam shell			35gms	
	LF41sur	55	41.54	stone frag	sto	5d	stone tool flake			10gms	
	LF41sur	3	41.55	stone frag	sto	5d	stone tool flake			59gms	
	LF41sur	23	41.56	metal frag	met	unident	small copper sheet frag			1gm	
	LF41sur	43	41.57	glass frag	gla	4e	blue medicine bottle			1gm	
	LF41sur	42	41.58	metal frag	met	unident	copper alloy + chrome plating			18gms	
	LF41sur	24	41.59	glass frag	gla	1b	glass chimney frag			4gms	
	LF41sur	8	41.60*	cer frag	cer	2b	flow blue			8gms	
	LF41sur	65	41.61	bottle frag	gla	2c	"is the pr.... Co Ltd			20gms	
	LF41sur	26	41.62	cer frag	cer	2b	plate frag (NZ Shipping Co)			5gms	
	LF41sur	26	41.63	cer frag	cer	2b	cup frag - impressed ENGLAND			8gms	
	LF41sur	28	41.64	cer frag	cer	2b	Ironstone plate frag			21gms	
	LF41sur	56	41.65	button	she	3a	pearl button -4 hole			1gm	
	LF41sur	20	41.66	shell frag	she	4a	pearl shell frag			2gms	
	LF41sur	43	41.67	cer frag	cer	2b				4gms	
	LF41sur	63	41.68	cer frag	cer	2b	plate frag			3gms	
	<b>LF0042 Cemetery</b>										
	LF0042sur		42.1	pipe stem frag	cer	4b	"...78 WHITE, GLASGOW "			2gms	
	LF0042sur		42.2	pipe stem frags (6)	cer	4b	no markings			3gms	
	LF0042sur		42.3	pipe bowl frag	cer	4b	small spurred bowl at 90 degrees to stem			1gm	
	LF0042sur		42.4	pipe bowl frags (2)	cer	4b	veining along mould seam			1gm	
	LF0042sur		42.5	tooth frag	bon	2d	goat			1gm	
	LF0042sur		42.6	bead	gla	4a	pale blue bead			1gm	
	LF0042sur		42.7	hinge frag	met	1b	cu alloy, 30mm, 2 csk holes (4g screw)			1gm	
	LF0042sur		42.8	bottle frags (5)	gla	2c				16gms	
	LF0042sur		42.9	flat glass	gla	1a	4mm thick			1gm	
	LF0042sur		42.10*	metal frags (3)	met	unident	cu alloy			2gms	
	LF0042sur		42.11	cer frags (2)	cer	2b	Pearlware, bowl, Chinoiserie scene			10gms	

<b>Site</b>	<b>Unit</b>	<b>Field #</b>	<b>Object</b>	<b>Material</b>	<b>Function</b>	<b>Comment</b>			<b>Weight</b>
LF0042sur		42.12	cer frag	cer	2b	plate? Chinoiserie style			1gm
LF0042sur		42.13	cer frag	cer	2b	blue shell edge (plate)			1gm
LF0042sur		42.14	bottle frag	gla	4e	blue , poison bottle			1gm
LF0042sur		42.15	cer frag	cer	2b	yellow ware			1gm
LF0042sur		42.16	cer frag	cer	4f	ink well frag			1gm
LF0042sur		42.17	cer frag	cer	2b	willow ware (plate)			11gms
LF0042sur		42.18	cer frags (2)	cer	2b	willow ware			4gms
LF0042sur		42.19	cer frags (2)	cer	2b	blue transfer patterns			1gm
LF0042sur		42.20*	cer frag	cer	2c	stoneware unglazed			1gm
LF0042sur		42.21	cer frag	cer	2c	stoneware glazed			1gm
LF0042sur		42.22	cer frag	cer	2b				1gm
LF0042sur		42.23	nails (2)	met	1a	frags <i>Bounty</i> sheathing nails - met analysis			
<b>LF0043 Mr Nobbs</b>									
LF0043sur	37	43.1	bottle neck	gla	2c	V-shaped string rim, pale green (wine)			26gms
LF0043sur	26	43.2	tooth	bon	2d	goat			4gms
LF0043sur	42	43.3	turbo shell	shel	2d				39gms
LF0043sur	5	43.4	cer frag	cer	2b	plate... "England" -after 1900			8gms
LF0043sur	5	43.5	nail frag	met	1a	cu alloy			7gms
LF0043sur	29	43.6	bottle frag	gla	2c				16gms
LF0043sur	29	43.7	cer frags (2)	cer	2b	undecorated			5gms
LF0043sur	27	43.8	writing slate frag	sto	4f				7gms
LF0043sur	44	43.9	bottle neck	gla	2c	wide mouth (35mm ID)			13gms
LF0043sur	6	43.10*	cer frag	cer	2b	blue shell edge			2gms
LF0043sur	6	43.11	cer frag	cer	2c	jar			17gsm
LF0043sur	30	43.12	cer frags (2)	cer	2b	blue transfer, plate, (join)			10gms
LF0043sur	26	43.13	tooth	bon	2d	goat			2gms
LF0043sur	26	43.14	cer frag	cer	2b	willow ware, plate			8gms
LF0043sur	26	43.15	cer frag	cer	4c	hair preparation			5gms
LF0043sur	29	43.16	cer frag	cer	2b	lid , undecorated			47gms

Site	Unit	Field #	Object		Material	Function	Comment			Weight
LF0043sur	28	43.17	cer frag		cer	2b	Ironstone, plate			44gms
LF0043sur	25	43.18	cer frag		cer	2b	Chinese export ware			7gms
LF0043sur	25	43.19	cer frag		cer	2b	hand painted earthenware			6gms
LF0043sur	25	43.20*	cer frag		cer	2b	undecorated			5gms
<b>LF0044 Down Isaacs</b>										
	LF0044sur	1	44.1	trigger guard	met	2e	Naval Pattern 1755-1790			103gms
	LF0044sur	1	44.2	bottle base(clear)	gla	2b				38gms
	LF0044sur	1	44.3	nails (2)	met	5b	25mm cast bronze nails (St James wreck?)			4gms
<b>LF0045 Cliff cave Down Isaacs</b>										
	LF45sur	1	45.1	metal frag	met	unident	brass strip with 3 nail holes 42mm wide			47gms
	LF45sur	1	45.2	metal frag	met	unident	lead patch with central nail hole 25mm x 25m			15gms
	LF45sur	1	45.3	tooth	bon	goat				2gms
	LF45sur	1	45.4	bone	bon	goat	metatarsal			2gms
	LF45sur	1	45.5	bone frag	bon	???				2gms
	LF45sur	1	45.6	bone frag	bon	???				4gms

**Appendix A.2**

**Analysis of CUPS, SAUCERS, MUGS, BOWLS and PLATES from Adamstown sites  
by decoration and body.**

**Abbreviations:**

E	Earthenware
P	Porcelain

**Table 1 Analysis of CUPS by decoration, form and body**

<b>Field #</b>	<b>Body</b>	<b>Decoration</b>	<b>Pattern</b>	<b>Maker</b>	<b>Place</b>	<b>Manufacture date</b>	<b>Reference</b>
1.47	E	Rim banded	4 blue bands				
1.90	E	Transfer (brown)	Rope border at rim	Wedgwood Of Etruria for NZS.Co.	Barlston	1940 on 1966 N.Z.Shipping.Co ends	Godden 1991: # 4099  Haws 1987:18
1.112	E	Pearlware	Nil			1780 - 1810	Brown 1982:5
1.231	P	Pale yellow	Nil				
3.124	E	Whiteware	Nil				
3.230	E	Whiteware	Nil				
3.238	E	Combed edge (grey)	Nil				
3.239	E	Pale green glaze	Nil				
29.102	E	Transfer (blue)	Unidentified				
29.110	E	Over glaze	Sponged flowers			c.1840 - 1871	Brown 1982:19; Furniss, Wagner and Wagner 1999:123
31.10	P	Transfer	Swags and ribbons				
31.13	E	Whiteware	Faceted shape				
37.72	E	Transfer (blue)	Minton DELFT	Stonier &Co.Ltd	Liverpool	c.1905	Berthoud 1982: # 891
38.68	E	Transfer (black)					
39.31	E	Whiteware	Nil				
40.68	E	Whiteware	Gilded Swags				
40.95	E	Whiteware	Nil	Britannia Pottery	Glasgow	1920 - 1935	Godden 1991: # 620
40.138	E	Transfer (brown)	Geometrics (rim)				

**Appendix A.2**

40.153	E	Whiteware	Nil				
41.39	E	Transfer monogram 'S', grey glaze		Unknown, for Shaw Saville & Albion Co. Ltd		S.S & A. Co. Panama route London – Auckland 1914 - 1987	Haws 1987: <b>10.22</b>
41.63	E	Whiteware		Impressed ENGLAND		Post 1891	Godden 1991:11

**Table 2 Analysis of SAUCERS by decoration, form and body**

Field #	Body	Decoration	Pattern	Maker	Place	Manufacture date	Reference
1.89	E	Hand painted	Blue geometrics				
3.24	E	Whiteware	Relief pattern				
3.88	E	Whiteware	Nil				
3.125	P	Whiteware	Nil				
3.126	P	Whiteware	Nil				
3.231	E	Whiteware with gilt edge	Nil				
30.38	P	Whiteware	Nil				
30.42	E	Whiteware	Nil				
38.1	E	Whiteware	Nil				
38.57	E	Transfer (blue)	Willow ware			1795 - present	Copeland 1980:13
39.20	E	Transfer (blue)	Unidentified				
40.106	E	Transfer (blue)	Unidentified				
41.25	E	Whiteware	Nil				

**Table 3 Analysis of MUGS by decoration, form and body**

Field #	Body	Decoration	Pattern	Maker	Place	Manufacture date	Reference
3.26	E	Yellow ware	Nil				
29.35	E	Yellow ware	Mocha	Unknown		1799 – 1856*	Godden 1991:223
29.53	E	Transfer (black)	Unidentified				
29.134	E	Flow blue	WHAMPOA	Mellor, Venables & Co.	Burslem	1834 – 51	Snyder 1994:121; Godden 1991: # 2646
37.4	E	Flow blue	WHAMPOA	Mellor, Venables & Co.	Burslem	1834 – 51	Snyder 1994:121; Godden 1991: # 2646
37.24	E	Yellow ware	Nil				
37.98	E	Transfer (blue)	Grapevine border Unidentified view	Enoch Wood & Sons	Burslem	1818 – 1829**	Coysh & Henrywood 1989:161; M.L. R806; M.L. MSS. 5444
38.7	E	Transfer (blue)	Grapevine border Unidentified view	Enoch Wood & Sons	Burslem	1818 – 1829**	Coysh & Henrywood 1989:161; M.L. R806; M.L. MSS. 5444
39.42	E	Transfer (blue)	BLUE ITALIAN	Spode	Stoke	1816 - present	Coysh & Henrywood 1989:191

\*Bears personal mark of G.H.Nobbs – departed Pitcairn permanently in 1856

\*\*Enoch Wood & Sons operated 1818 – 46, however a mug of this design owned by John Adams and bearing his personal mark is in the Mitchell Library. Adams died in 1829.

**Table 4 Analysis of Bowls by decoration, form and body**

Field #	Body	Decoration	Pattern	Maker	Place	Manufacture date	Reference
1.78	E	Whiteware	Nil				
1.106	E	Pearlware	Nil			1780 - 1810	Brown 1982:5
1.130	E	Rim banded	2 blue bands				
1.175	E	Whiteware	Nil				
1.176	E	Whiteware	Nil				
1.233	E	Flow Blue	Nil			1835 – 1900	Snyder 1994:132
3.9	E	Whiteware (Ironstone)	Nil	Hoisy Isle Rolle	France	Pre 1919*	Pitcairn Register of Brands
3.52	E	Rim banded	4 blue bands				
29.2	E	Cat's eye	Twist			c.1850	Kelly 1997:4
29.13	E	Hand painted o/glaze Pearlware				c.1779 - 1830	Brown 1982:5
29.32	E	Yellow ware	Incised blue bands			c.1850	Kelly 1997:4
29.131	P	Nil		Unidentified			
30.37	E	Whiteware (Ironstone)	Nil				
35.3	E	Whiteware	Nil				
36.46	P	Chinese Export (hand painted)	Nil				
38.13	E	Transfer (red)	Unidentified				
39.44	E	Transfer (blue)	Willow ware	Unknown		1795 - present	Copeland 1980:13
39.34	P	Chinese Export (hand painted)	Nil				
39.39	E	Hand painted (blue)	Unidentified				
39.40	E	Transfer (mauve)	GIRAFFE	J.Ridgway	Hanley	1836	Snyder 1997:143
40.16	E	Transfer (mauve)	GIRAFFE	J.Ridgway	Hanley	1836	Snyder 1997:143
40.82	E	Transfer (blue)	Unidentified				

40.137	P	Chinese Export (hand painted)					
42.11	E	Pearlware (hand painted)	Chinoiserie style			c.1780 – 1810	Brown 1982:5
43.18	P	Chinese Export					

\*Bears mark 'AN' – personal mark of Gerard Christian (died 1919).

**Table 5 Analysis of Plates by decoration, form and body**

Field #	Body	Decoration	Pattern	Maker	Place	Manufacture date	Reference
1.2	E	Rim banded	Single olive green band	Unknown			
1.7	E	Transfer (blue)	MINTON DELFT	Stonier & Co.	Liverpool	c. 1905 - 1935	Berthoud 1982: #891
1.8	E	Relief pattern	Diamond border	Unknown			
1.63	E	Transfer (blue)	ASIATIC PHEASANT	Unknown		c.1850 - 1910	Coysh & Henrywood 1989:29
1.91	E	Whiteware	Nil				
1.124	E	Whiteware	Nil				
1.125	E	Whiteware	Wieldon ware	F.Winkle & Co.	Stoke	1925 - 31	Godden 1991:679
1.126	E	Transfer (red)	PALESTINE	W.Adams	Tunstall	1819 - 64	Snyder 1997:10
1.128	E	Whiteware	Nil				
1.138	E	Whiteware	Nil				
1.153	E	Whiteware	Nil	Dunn Bennett & Co.	Burslem	1937 - 1966	Godden 1991: #1423
1.186	E	Transfer (mauve)	GIRAFFE	J. Ridgway	Hanley	1836	Snyder 1997:143
1.207	E	Whiteware	Nil				
1.208	E	Transfer (brown)	Rope border	Wedgwood of Etruria	Barlaston	1915 - 1966 N.Z. Shipping Co.	Haws 1987:18
1.209	E	Rim banded	2 blue bands				
1.229	E	Whiteware (Ironstone)	Nil			Post 1813	Stoltzfus 1997:11
3.17	E	Transfer (grey) Ironstone	RHINE	G.W.Turner & Sons	Tunstall	1873 - 1895 * bears mark 'MY' of Moses Young died 1909.	Godden 1991: #3891
3.18	E	Transfer (blue)	ASIATIC PHEASANT	Unknown		c.1850 - 1910	Coysh & Henrywood 1989:29
3.20	E	Rim banded	2 blue bands				
3.22	E	Transfer (brown)	Unknown				
3.23	E	Transfer (blue)	Willow ware			1795 - present	Copeland 1980:13
3.27	E	Pale blue glaze					

3.28	E	Transfer (red)	Unknown				
3.30	E	Whiteware	Nil				
3.55	E	Transfer	White Star Line			c.1905 - 1935	
3.120	E	Transfer (blue)	ASIATIC PHEASANT	Unknown		c.1850-1895	Coysh & Henrywood 1989:29
3.227	E	Hand painted	Radiating design	Unknown			
3.234	E	Transfer (blue)	TYROLEAN	W. Ridgway	Hanley	1830-54	Godden 1991: #22; Snyder 1997:150
3.240	E	Transfer (purple)	GIRAFFE	J. Ridgway	Hanley	1836	Snyder 1997:143
29.36	E	Transfer (red)	PALESTINE	W. Adams	Tunstall	1819-1864	Snyder 1997:10
29.40	P	Chinese Export (hand painted)	Cloud border		Canton	c.1816	Christies Auction Catalogue 1995 – <i>Diana Cargo</i>
29.54	P	Chinese Export (hand painted)					
29.84	E	Edgeware	Shell edge (blue)			1800 - 1840	Miller & Hunter 1990:115
29.90	E	Whiteware (Ironstone)	Nil			Post 1813	Stoltzfus 1997:11
29.112	E	Whiteware	Nil	Schmelzer & Gerike		c.1863	Kovel 1986
29.122	E	Edgeware	Shell edge (blue)			1800 - 1840	Miller & Hunter 1990:115
29.133	E	Whiteware (Ironstone)	Nil			Post 1813	Stoltzfus 1997:11
30.19	E	Transfer (purple)	Anchor and Naval coronet	Davenport	Longport	c. 1840 - 60	Godden 1971: 65
30.20	E	Transfer (grey)	RHINE	Unknown		c.1870 - 1895	
30.35	E	Transfer (purple)	Unknown				
30.36	E	Whiteware (Ironstone)				Post 1813	Stoltzfus 1997:11
30.40	E	Rim banded	2 brown bands				
30.41	P	Gilded,Scalloped edge	Tudor rose and Fleur-de-lis	Unknown			
30.44	E	Whiteware					
31.11	E	Transfer (grey)	RHINE	Unknown		c.1870 - 1895	

31.14	E	Whiteware					
35.5	E	Relief pattern (Creamware)	MELBOURNE beading			c.1770	Towner 1978:107
36.9	E	Transfer (blue)	ASIATIC PHEASANT			c.1850 – 1910	Coysh & Henrywood 1989:29
37.12	E	Whiteware	Nil				
37.50	E	Rim banded	2 blue bands				
37.95	E	Transfer (purple)	Meander pattern	Unknown			
37.108	E	Whiteware (Ironstone)	Nil			Post 1813	Stoltzfus 1997:11
37.109	E	Whiteware	Nil				
37.114	E	Whiteware	Nil				
37.117	E	Edgeware	Shell edge (green)			1780 - 1810	Miller & Hunter 1990:114
37.118	E	Transfer monogram	N.Z.Shipping Co.	Alfred Meakin	Tunstall	1915 – 1966	Godden 1991: #2581
38.23	E	Whiteware	Nil				
38.38	E	Transfer (blue)	ASIATIC PHEASANT	Unknown		c.1850 - 1910	Coysh & Henrywood 1989:29
38.39	E	Edgeware	Shell edge (blue)			(unclear)	
38.48	E	Transfer (purple)	GIRAFFE	J. Ridgway	Hanley	1836	Snyder 1997:143
38.49	E	Transfer (blue)	Unknown				
38.55	P	Chinese Export (hand painted)					
38.64	E	Transfer (blue)	Minton DELFT White Star Line	Stonier & Co.	Liverpool	c.1905 - 1935	Berthoud 1982: #891
39.32	E	Transfer (blue)	CALIFORNIA	Podmore, Walker & Co.	Tunstall	1849	Godden 1991: #3080
39.33	E	Transfer (red)	PALESTINE	W.Adams	Tunstall	1819 – 1864	Snyder 1997:143
39.35	P	Chinese Export (hand painted)					
39.40	E	Transfer (purple)	GIRAFFE	J.Ridgway	Hanley	1836	Snyder 1997:143
39.43	E	Edgeware	Shell edge (blue)			1840 - 1870	Miller & Hunter 1990:116

Appendix A.2

39.45	E	Transfer (mulberry)	Poppy design				
39.51	E	Transfer	Minton DELFT White Star Line	Stonier & Co.	Liverpool	c.1905	Berthoud 1982: #891
39.54	E	Transfer (blue)	Willow ware			1795 - present	Copeland 1980:13
39.56	E	White ware	Nil				
40.15	E	Transfer (red)	PALESTINE	W.Adams	Tunstall	1819 - 64	Snyder 1997:10
40.27	E	Transfer (blue)	CANOVA	T.Mayer	Stoke	1826 - 38	Snyder 1997:123 Godden 1991: #2568
40.28	E	Creamware	Nil				
40.32	P	Chinese Export (hand painted)	Cloud border		Canton	c.1816	Christies Auction Catalogue 1995 – <i>Diana cargo</i>
40.41	E	Edgeware	Scalloped Shell edge (blue)			1800 - 1840	Miller & Hunter 1990:115
40.42	E	Transfer (blue)	ASIATIC PHEASANT			c.1850 – 1910	Coysh & Henrywood 1989:29
40.43	E	Rim banded	2 blue bands				
40.59	E	Transfer monogram	N.Z. Shipping Co.	A.Meakin	Tunstall	1915 – 1966	Godden 1991: #2581
40.69	E	Transfer (purple)	GIRAFFE	J.Ridgway	Hanley	1836	Snyder 1997:143
40.71	E	Edgeware	Scalloped Shell edge (blue)			1800 - 1840	Miller & Hunter 1990:115
40.98	E	Edgeware	Shell edge (blue)			1800 - 1840	Miller & Hunter 1990:115
40.103	E	Transfer (blue)	Willow ware			1795 - present	Copeland 1980:13
40.104	E	Transfer (blue)	BLUE ITALIAN	Spode	Stoke	1816 - present	Coysh & Henrywood 1989:191
40.105	E	Transfer (blue)	Unknown				
40.107	E	Rim banded	2 bands				
40.119	E	Edgeware	Shell edge (blue)			1840 - 1870	Miller & Hunter 1990:116
40.137	P	Chinese Export (hand painted)					

## Appendix A.2

40.142	E	Transfer monogram	Shaw Savill & Albion			1916 - 1982	Haws 1987:22
40.156	E	Transfer (brown)	NAPIER	Alcock	Cobridge	c.1839 – 46	Snyder 1997:33; Godden 1991: #68
40.166	E	Edgeware	Shell edge (blue)			1870 - 1890	Miller & Hunter 1990:116
40.177	E	Transfer monogram	N.Z. Shipping Co.	A. Meakin	Tunstall	1915 – 1966	Godden 1991: #2581
40.184	E	Whiteware (Ironstone)	Nil			Post 1813	Stoltzfus 1997:11
41.34	E	Whiteware	Nil				
41.62	E	Transfer	N.Z. Shipping Co.	A. Meakin	Tunstall	1915 – 1966	Godden 1991: #2581
41.64	E	Whiteware (Ironstone)	Nil			Post 1813	Stoltzfus 1997:11
42.12	E	Hand painted (Pearlware)	Chinoiserie scene			1780 - 1810	Brown 1982:5
42.13	E	Edgeware	Shell edge (blue)			1840 - 1870	Miller & Hunter 1990:116
42.17	E	Transfer	Willow ware			1795 - present	Copeland 1980:13
43.4	E	Whiteware			'England'	Post 1900	Godden 1991:11
43.10	E	Edgeware	Shell edge (blue)			1840 - 1870	Miller & Hunter 1990:116
43.12	E	Transfer (blue)	Unknown				
43.14	E	Transfer	Willow ware			1795 - present	Copeland 1980:13
43.17	E	Whiteware (Ironstone)	Nil			Post 1813	Stoltzfus 1997:11

**Table 7      Summary of identified transfer patterns**

Transfer pattern	Date range	Vessel Form				
		Bowl	Plate	Mug	Cup	Saucer
Minton DELFT (White Star Line)	c.1905 - 1935		3		1	
ASIATIC PHEASANT	c.1850 - 1910		2			
PALESTINE	1819 - 1864		2			
GIRAFFE	1836	1	2			
RHINE	1873 -1895		2			
WILLOW	1795 -	1	5			1
TYROLEAN	1830 - 1854		1			
CALIFORNIA	1849		1			
CANOVA	1826 - 1838		1			
NAPIER	c.1839 - 46		1			
BLUE ITALIAN	1816 -		1	1		
WHAMPOA	1834 - 51			2		
N.Z. Shipping - Rope border	1915 - 1966		1			
N.Z. Shipping Co. Monogram	1915 - 1966		4			
Shaw Savill & Albion	1916 - 1982		1			

### **Appendix A.3**

#### **Analysis of alcohol bottles recovered at LF0029**

**Table 1 Analysis of alcohol bottles recovered from LF0029****Appendix A.3**

<b>Reg. No.</b>	<b>Object</b>	<b>Collar</b>	<b>Lip</b>	<b>String Rim Hgt.</b>	<b>Bore diam.</b>	<b>Neck</b>	<b>Push up</b>	<b>Pontil</b>	<b>Mould</b>	<b>Identification</b>
29.65	Bottle: Hgt. 275 mm, Base diam. 80 mm	Double: (applied)	Downturned: Hgt. 12 mm	6 mm	21 mm	Bulged: Length 82 mm	Conical	Bare iron	Dip	English wine-style c.1790 - 1820 'N'
29.67	Bottle neck	Double: (applied)	Downturned: Hgt. 12 mm	5 mm	23 mm	Bulged: Length 85 mm	N/A	N/A	Dip	English wine-style c.1790-1820
29.57	Bottle neck	Double: Finishing tool	Downturned: Hgt. 15 mm	8 mm	20 mm	Bulged: Length 86 mm	N/A	N/A	Dip	English wine-style after c.1830
29.48	Bottle neck	Double: Finishing tool	Downturned: Hgt. 15 mm	8 mm	18 mm	Bulged: Length 90 mm	N/A	N/A	Dip	English wine-style after c.1830
29.63	Bottle neck	Double: Finishing tool	Rounded Hgt. 21 mm	10 mm	20 mm	Bulged: Length 90 mm	N/A	N/A	Dip	English wine-style after c.1830
29.51	Bottle neck and prunt	Single (applied)	cracked off	c.10 mm	19 mm	Tapered Length c.75 mm	N/A	N/A	Dip	French wine St.Julien (Claret) MEDOC c.1830-1845 'N'
29.75	Bottle neck	Single (applied)	cracked off	c. 5 mm	20 mm	Tapered Length c.75 mm	N/A	N/A	Dip	French wine-style c.1830-1845
29.62	Bottle neck	Double: (applied)	cracked off Hgt. 14 mm	c. 4 mm	18 mm	Tapered Length 128 mm	N/A	N/A	Dip	French wine-style c.1790-1820
29.64	Bottle neck	Single	cracked off Fire polished	6 mm	21 mm	Tapered Length c.75 mm	N/A	N/A	Dip	French Wine-style c.1828-1844
29.66	Bottle neck	Double (applied)	Downturned: Hgt. 16 mm	7 mm	25 mm	Bulged Length 92 mm	N/A	N/A	Dip	English wine-style c.1790-1820
29.38(i)	Bottle neck and base 29.38(ii) Base diam. 71 mm	Double (applied)	Rounded Hgt. 17 mm	9 mm	c.18 mm	Bulged Length 70 mm	Conical	Bare iron	Dip	English wine-style c.1790-1820 'G'

Table 1 Analysis of alcohol bottles recovered from LF0029

## Appendix A.3

Reg. No.	Object	Collar	Lip	String Rim Hgt.	Bore diam.	Neck	Push up	Pontil	Mould	Identification
29.59	Bottle base Base diam. 77 mm	N/A	N/A	N/A	N/A	N/A	Conical	Sand pontil	moulded	?
29.72	Bottle base Base diam. 80 mm	N/A	N/A	N/A	N/A	N/A	Conical	Bare iron	moulded	?
29.46	Bottle base Base diam. 80 mm	N/A	N/A	N/A	N/A	N/A	Conical	Bare iron	moulded	?
29.41	Bottle base Base diam. 78 mm	N/A	N/A	N/A	N/A	N/A	Conical	Bare iron	moulded	?'N'
29.80	Bottle base Base diam. 71 mm	N/A	N/A	N/A	N/A	N/A	Domed	?	moulded	?
29.75	Bottle base Base diam. 81 mm	N/A	N/A	N/A	N/A	N/A	Conical	Bare iron	moulded	?
29.5	Bottle base Base diam. 85 mm	N/A	N/A	N/A	N/A	N/A	Domed with mamelon	Nil	moulded	c. 1840 - 56
29.47	Bottle base Base diam. 72 mm	N/A	N/A	N/A	N/A	N/A	Domed	?	Dip	
29.61	Bottle base and part body Base 60 mm x 60 mm	N/A	N/A	N/A	N/A	N/A	N/A	Blow pipe scar	Dip	Case bottle 'N'
29.55	Bottle base and part body Base 60 mm x 60 mm	N/A	N/A	N/A	N/A	N/A	N/A	?	Dip	Case bottle

Table 1 Analysis of alcohol bottles recovered from LF0029

## Appendix A.3

Reg. No.	Object	Collar	Lip	String Rim Hgt.	Bore diam.	Neck	Push up	Pontil	Mould	Identification
29.52	Bottle neck	Double (applied)	Downturned: Hgt. 9 mm	c.3 mm	23 mm	Bulged Length 80 mm	N/A	N/A	Dip	English wine-style c.1790-1820
29.14 (i)	Bottle neck and base 29.14 (ii) Base diam. 56 mm	Single Flattened (applied)	cracked off Hgt. 8 mm	c.3 mm	18 mm	Tapered Length c.75 mm	Conical	Glass tipped	Dip	Unidentified Possibly French Wine style c.1830 - 1845
29.10 (i)	Bottle neck and base 29.10 (ii)	Single Flattened (applied)	cracked off Hgt. 13 mm	c. 8 mm	17 mm	Tapered Length c.75 mm	Domed	Sand pontil	Dip	Unidentified Possibly French Wine style c.1830 - 1845
29.1	Bottle base and shoulder Base diam. 95 mm Body Hgt. 112 mm	N/A	N/A	N/A	N/A	N/A	Conical with mamelon	Nil	3 piece	c. 1840 – 56 'N'
29.136	Bottle base and part body Base diam. 78 mm	N/A	N/A	N/A	N/A	N/A	Conical	Bare iron	moulded	?
29.12	Bottle base and part body Base diam. 87 mm	N/A	N/A	N/A	N/A	N/A	Conical	Bare iron	moulded	Wine –style bottle
29.42	Bottle base and part body Base diam. 87 mm	N/A	N/A	N/A	N/A	N/A	Domed	Sand pontil	moulded	Wine–style bottle
29.37	Bottle base Base diam. 82 mm	N/A	N/A	N/A	N/A	N/A	Conical	Sand pontil	moulded	Wine-style bottle
29.7	Bottle base and part body Base diam. 80 mm	N/A	N/A	N/A	N/A	N/A	Shallow moulded	Nil	moulded	Post 1830
29.56	Bottle base and part Body Base diam. 80 mm	N/A	N/A	N/A	N/A	N/A	Shallow moulded	Nil	moulded	Post 1830 'N'
29.6	Bottle base and part body Base diam. 66 mm	N/A	N/A	N/A	N/A	N/A	Domed (extreme)	Blow pipe scar	moulded	Possibly French Wine – style.

Figure 1 29.134 WHAMPOA pattern sherd from LF0029 surface collection



Figure 2 WHAMPOA pattern mug in Norfolk Island Museum – NIM4523



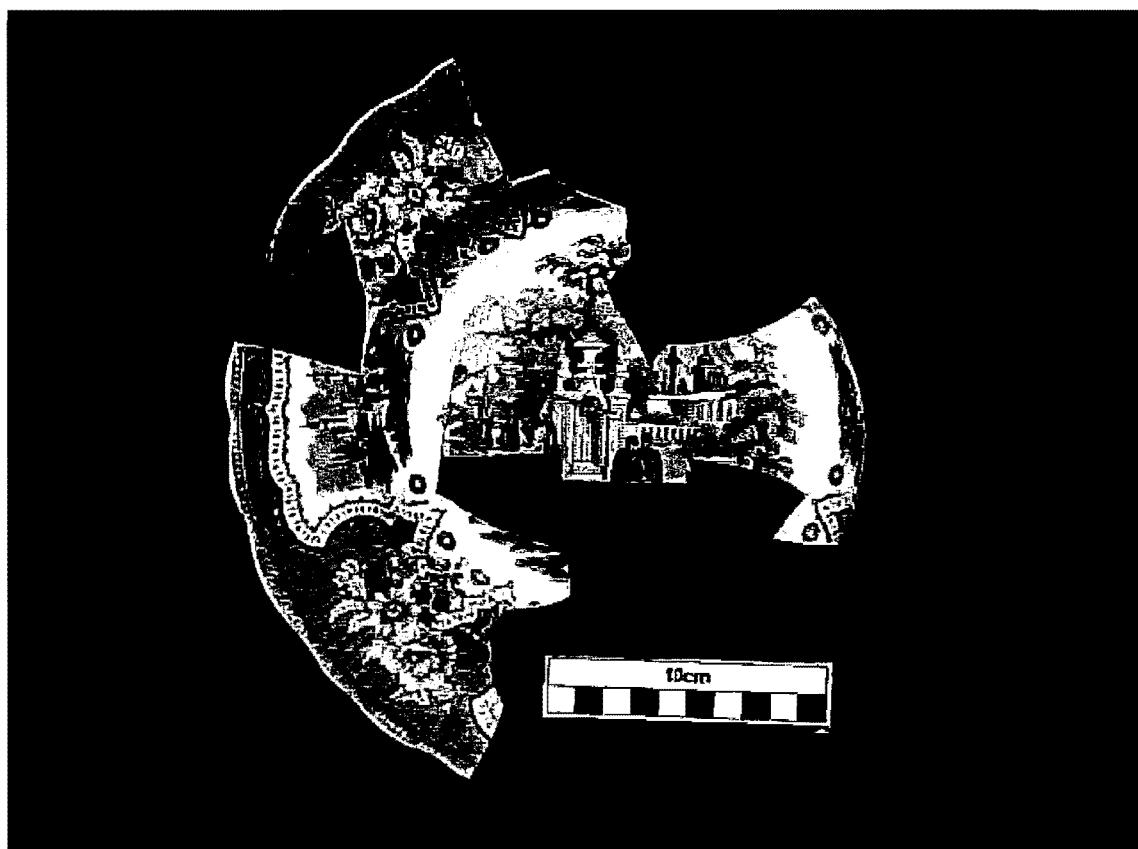
**Figure 3** **GIRAFFE** pattern sherds, 37.69 (head and neck),  
3.240 (part printed pattern mark), 40.16 (part bowl).



**Figure 4** **GIRAFFE** pattern by John Ridgway  
in (Snyder 1997:144)



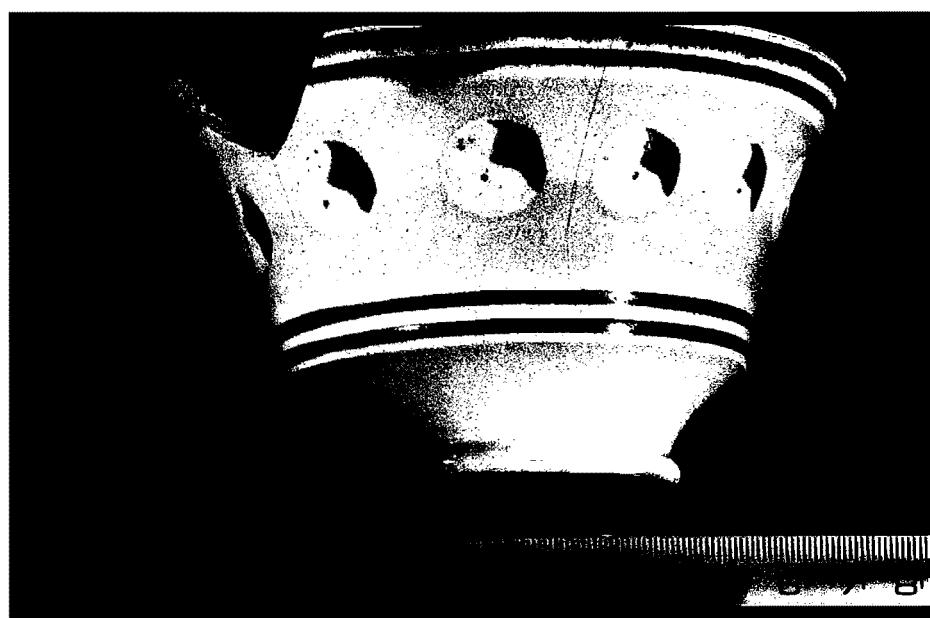
**Figure 5 Assembled PALESTINE pattern plate sherds from LF0029**



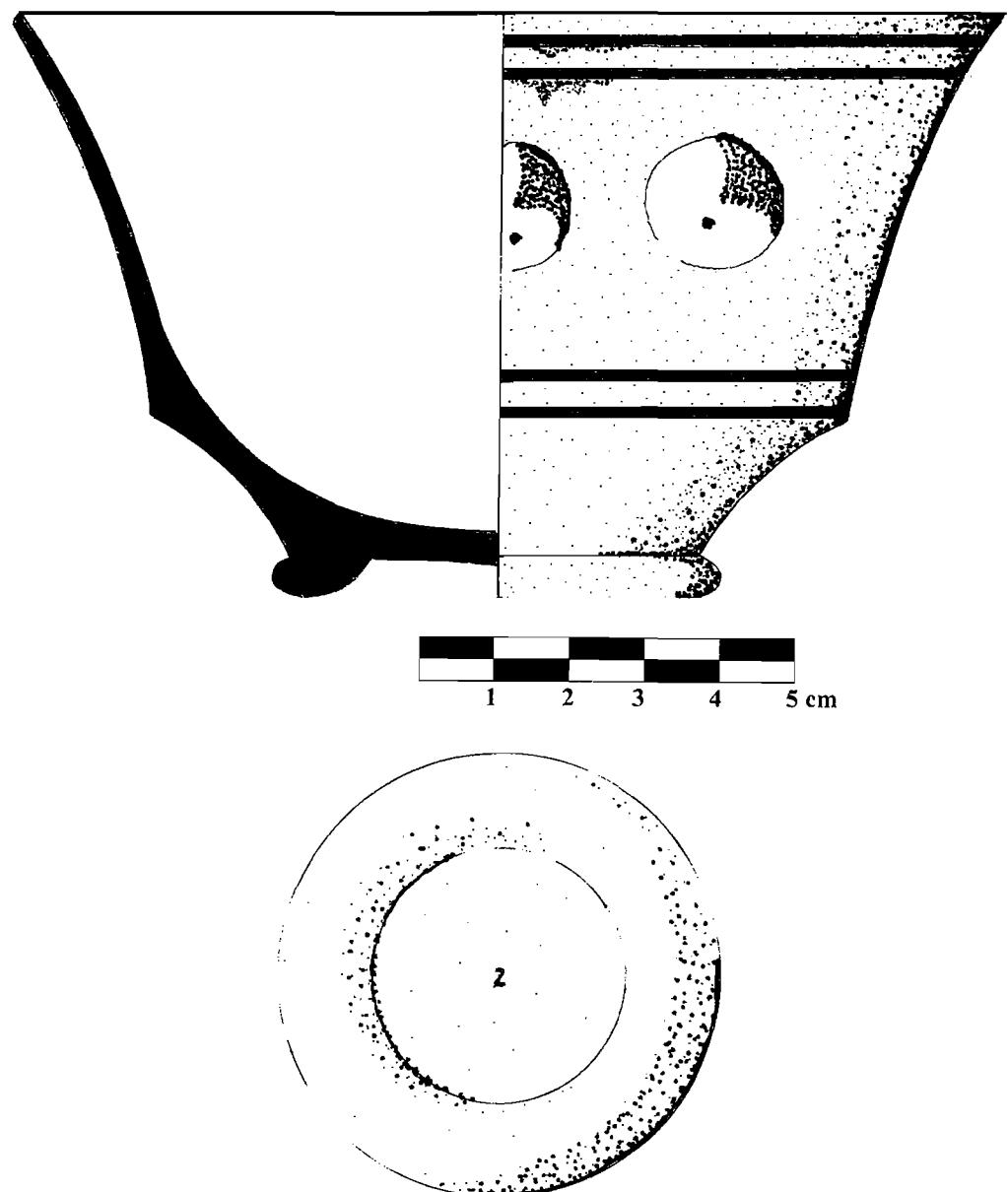
**Figure 6**      **Assembled PALESTINE plate (reverse) from LF0029**  
showing pattern mark and scratched personal marks  
[‘G’ – George Hunn Nobbs and part framed ‘N’ – Nobbs]



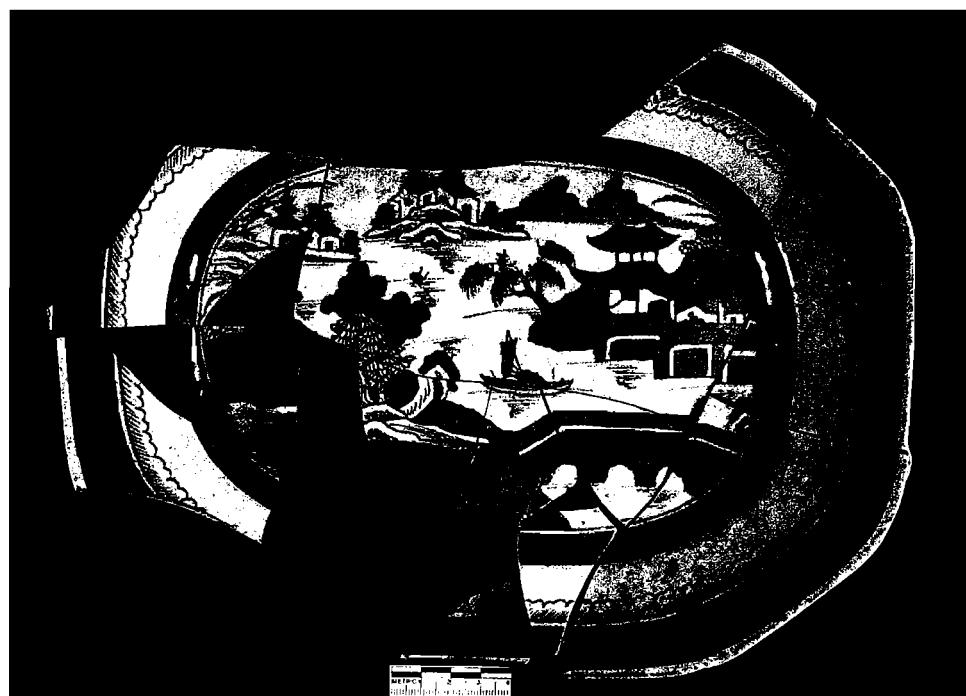
**Figure 7**      **29.2 Earthenware bowl with twist pattern decoration, from LF0029**



**Figure 8 29.2 twist pattern bowl. Drawing N.Erskine**



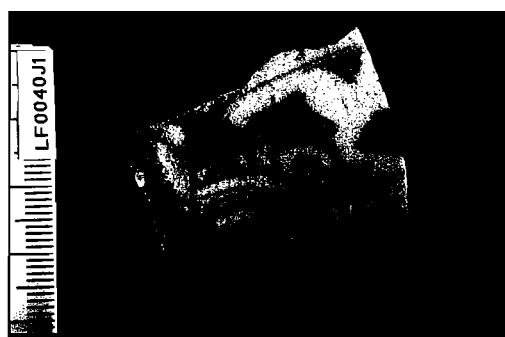
**Figure 9 Assembled sherds of THREE ARCH BRIDGE pattern – Chinese Export Porcelain from LF0029**



**Figure 10 40.32 shard THREE ARCH BRIDGE pattern platter – Chinese Export Porcelain from LF0040**



**Figure 11 40.120 shard Chinese Export Porcelain plate from LF0040**



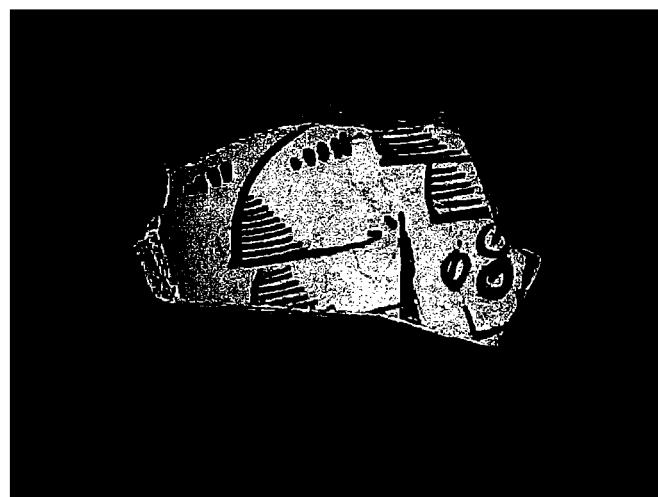
**Figure 12 30.19 Ironstone plate decorated with Naval Coronet and Anchor, Davenport post 1850 from LF0030**



**Figure 13 39.42 sherd mug, decorated in BLUE ITALIAN transfer pattern from LF0039**



**Figure 14 42.11 Earthenware bowl sherd, hand –painted in *Chinoiserie* style, from LF0042**



**Figure 15** 40.156 sherd NAPIER transfer pattern from LF0040



**Figure 16** Detail NAPIER pattern by J & G Alcock c. 1839-46  
(in Snyder 1997:33)



Figure 17 29.81 sponge decorated cup sherds from LF0029

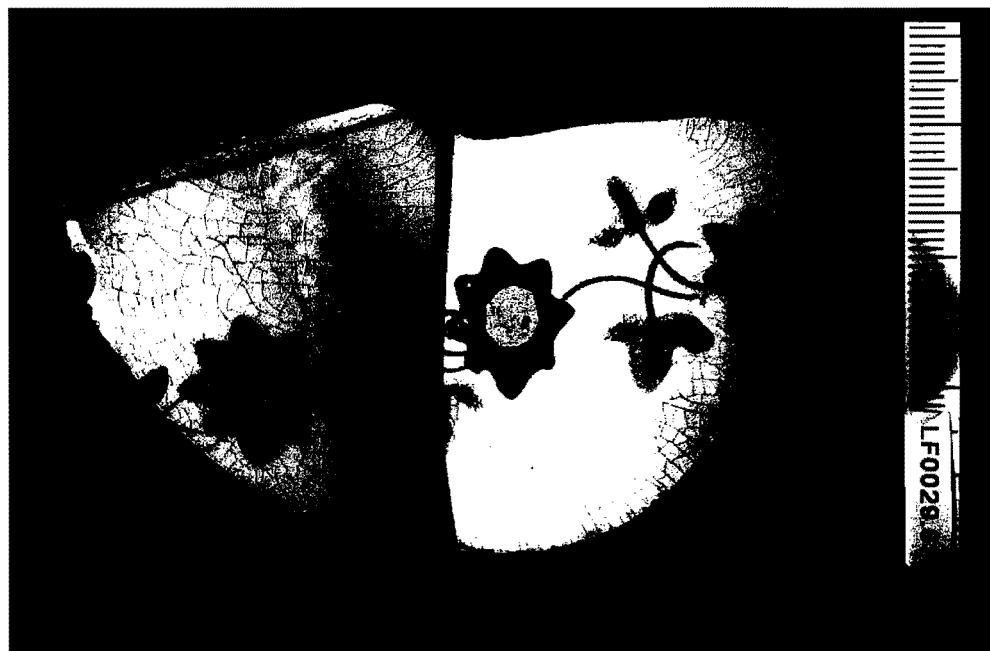


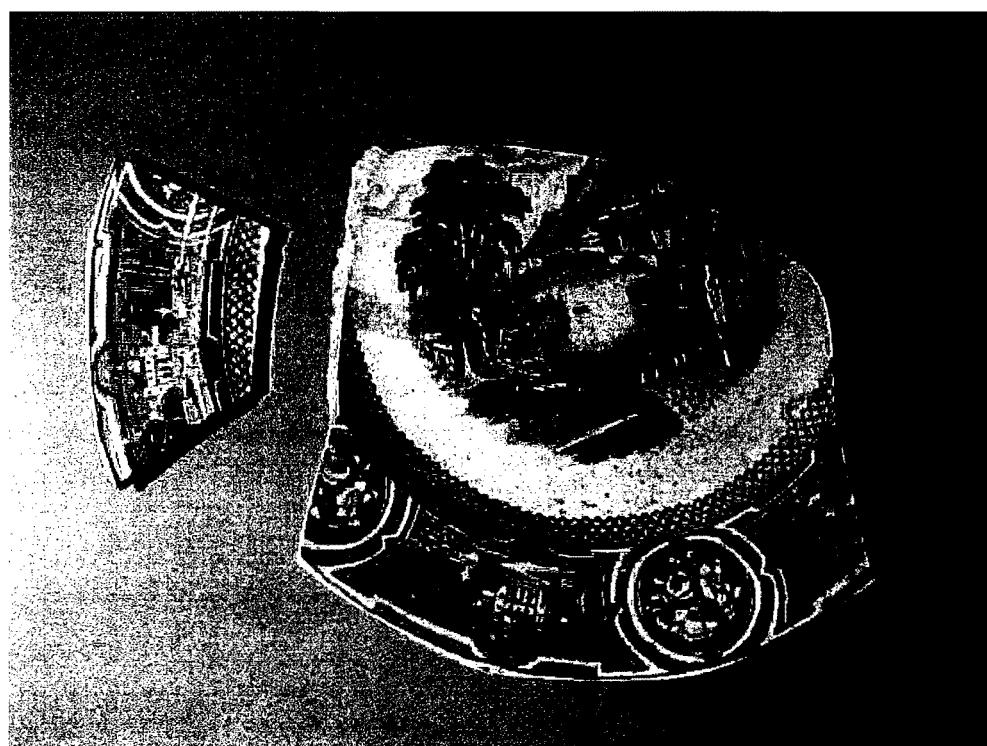
Figure 18 GRAPEVINE pattern border sherds, 37.98 (left) and 38.7 (right)



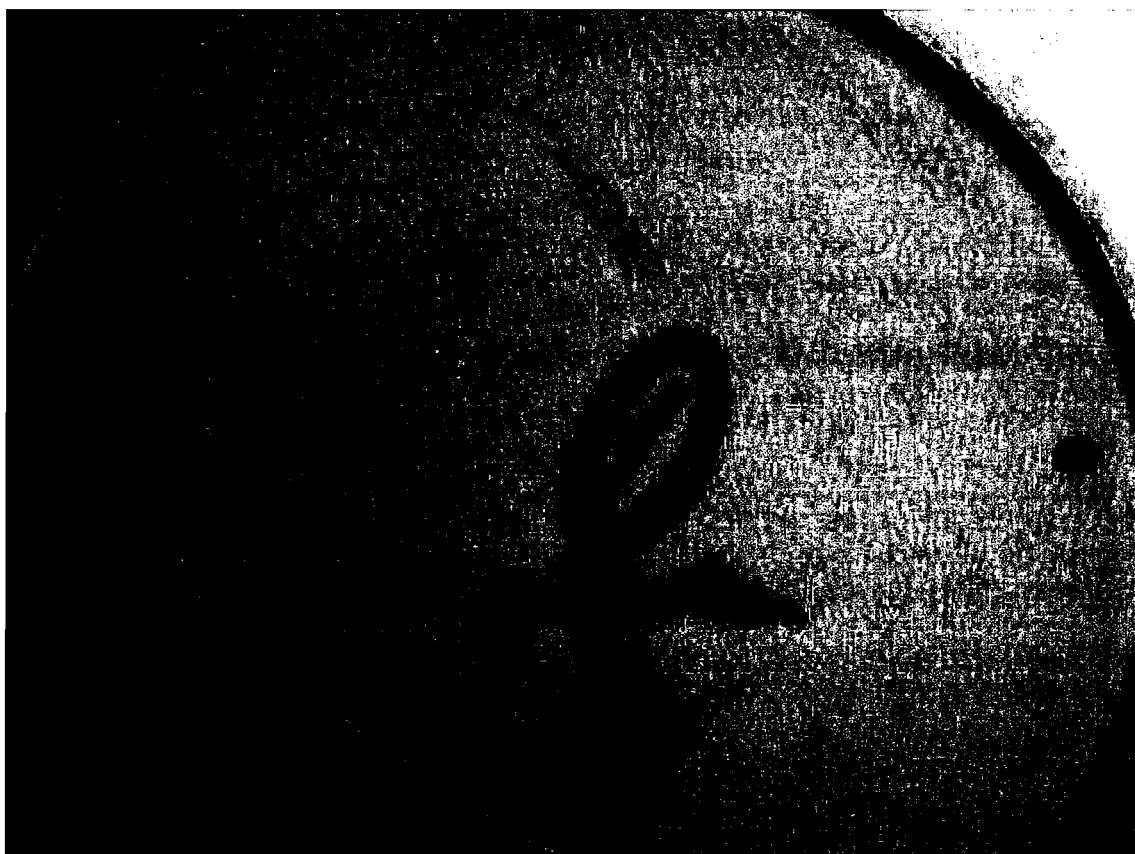
Figure 19    39.32 CALIFORNIA pattern sherds from LF0039



Figure 20    NIM4065 CALIFORNIA pattern plate Norfolk Island Museum by Podmore, Walker & Co., 1849



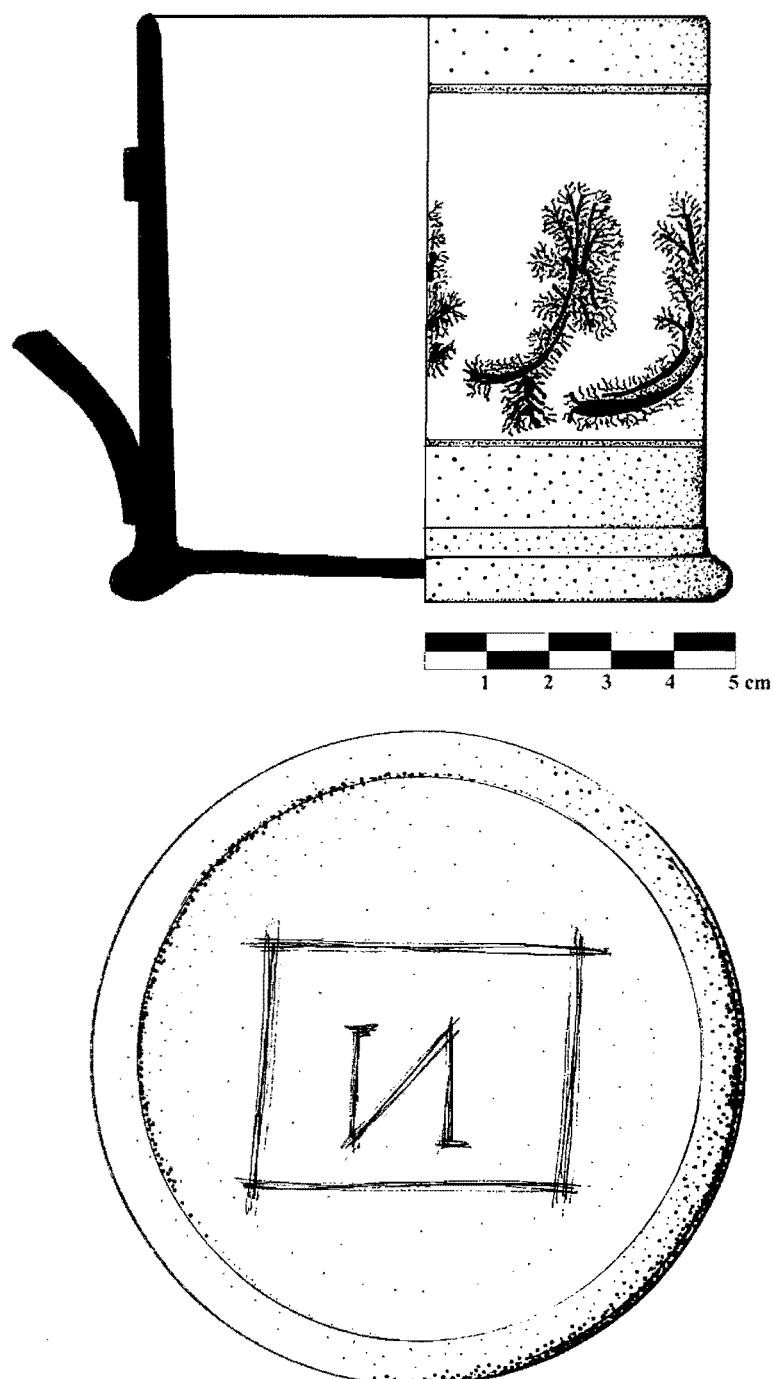
**Figure 21 NIM4065 CALIFORNIA pattern plate (reverse) showing maker's mark, register mark and scratched personal mark – IXI**



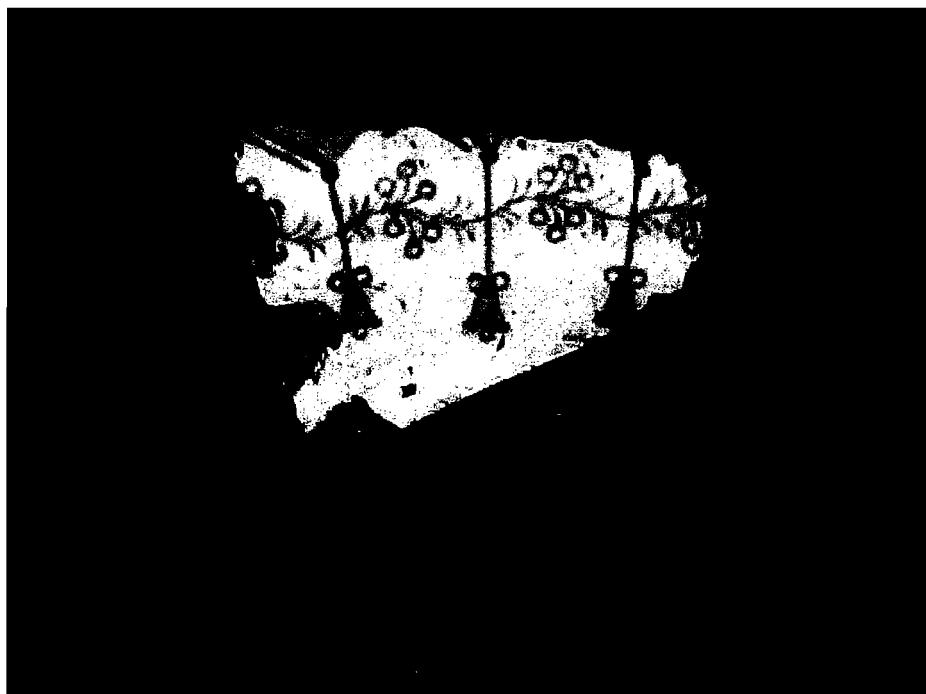
**Figure 22 Detail NIM4065 maker's mark (see Godden 1991:501)**



Figure 23 29.35 mocha decorated mug excavated at LF0029, unit 1



**Figure 24 40.27 CANOVA pattern sherd from LF0040**



**Figure 25 NIM3728 CANOVA pattern platter in Norfolk Island Museum unmarked, however see Snyder (1997:123-125) for examples by Thomas Mayer c.1835.**



**Figure 26 Midshipman Edward Young's plate (reverse),  
Government House – Norfolk Island**



**Figure 27 Detail of personal mark on Young's plate  
(note impressed mark SPODE)**



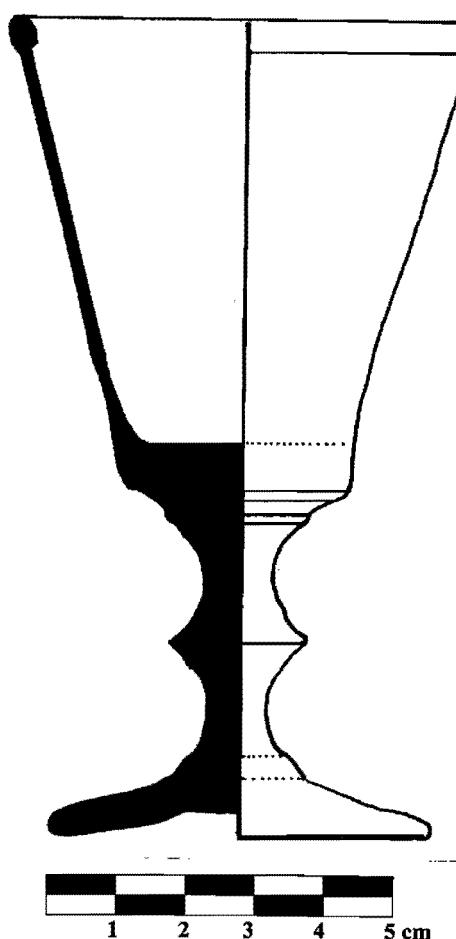
**Figure 28** NIM4523 base of WHAMPOA pattern mug in Norfolk Island Museum showing scratched personal marks (TX – Thursday October Christian; B- Buffett)



**Figure 29** Personal mark XV cut into coconut tree at Adamstown



**Figure 30 29.33 lead-crystal stem glass excavated at LF0029, Unit 1.**  
Drawing N. Erskine.



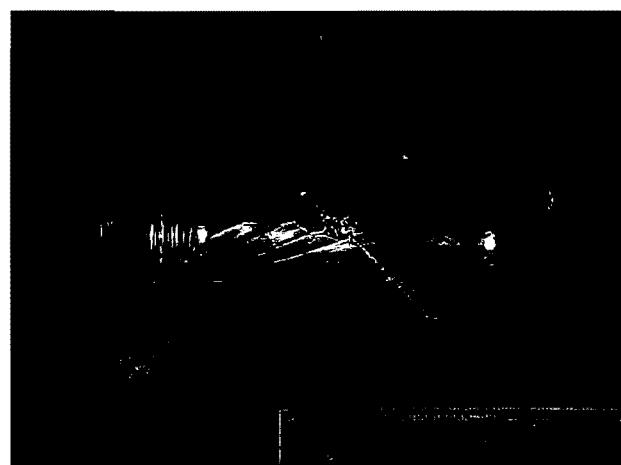
**Figure 31    29.65 English wine-style c.1790 – 1820**



**Figure 32    29.67 English wine-style c. 1790 – 1820**



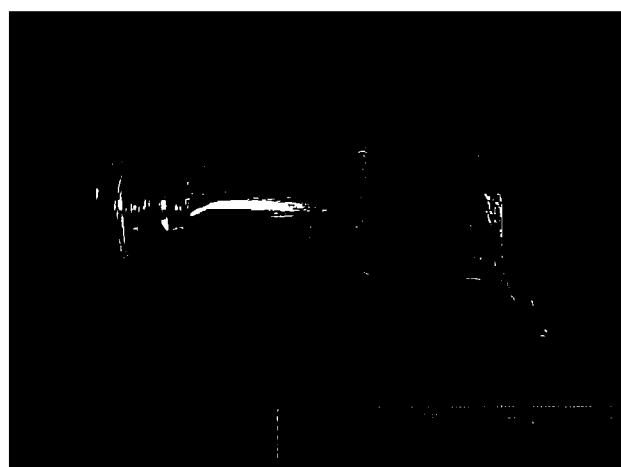
**Figure 33    29.57 English wine-style after c. 1830**



**Figure 34      29.48 English wine-style after c. 1830**



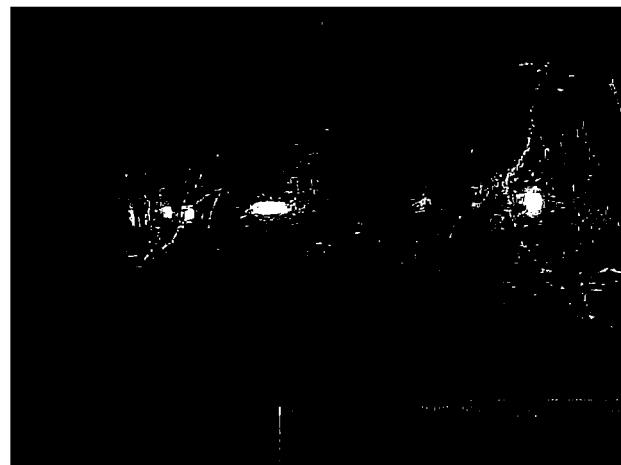
**Figure 35      29.63 English wine-style after c. 1830**



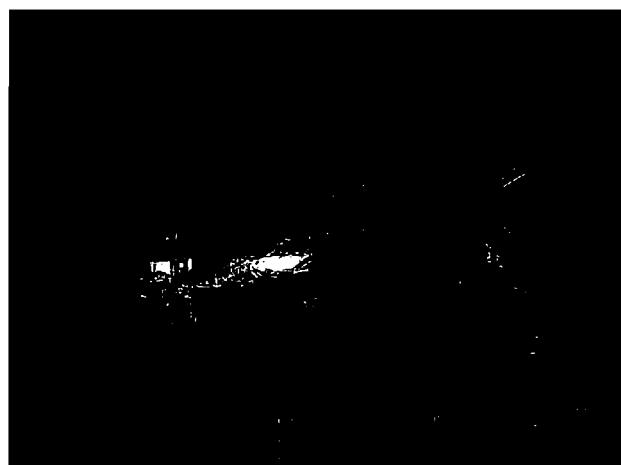
**Figure 36      29.66 English wine-style c. 1790 – 1820**



**Figure 37      29.38 English wine-style c. 1790 – 1820**



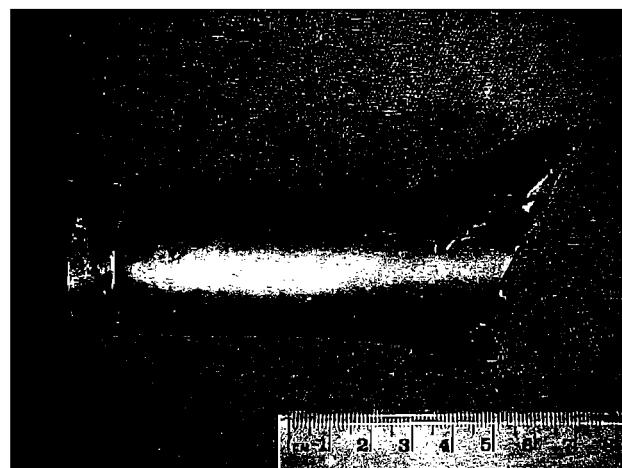
**Figure 38      29.52 English wine-style c. 1790 – 1820**



**Figure 39      29.51 French claret - ST JULIEN, MEDOC**



**Figure 40      29.75 French wine-style**



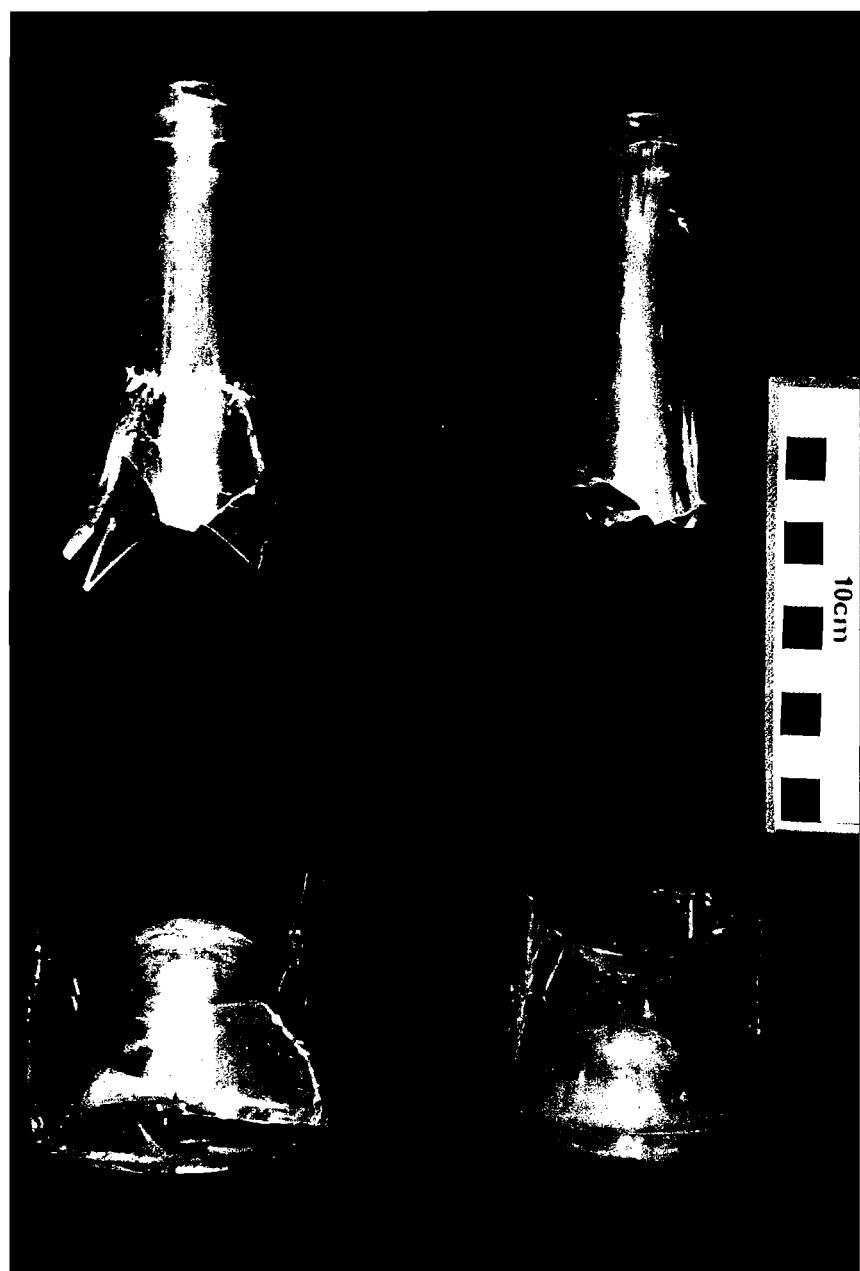
**Figure 41      29.64 French wine-style c. 1828 – 1844**



**Figure 42      29.62 French wine-style**



**Figure 43    29.10 (left) and 29.14 (right)**



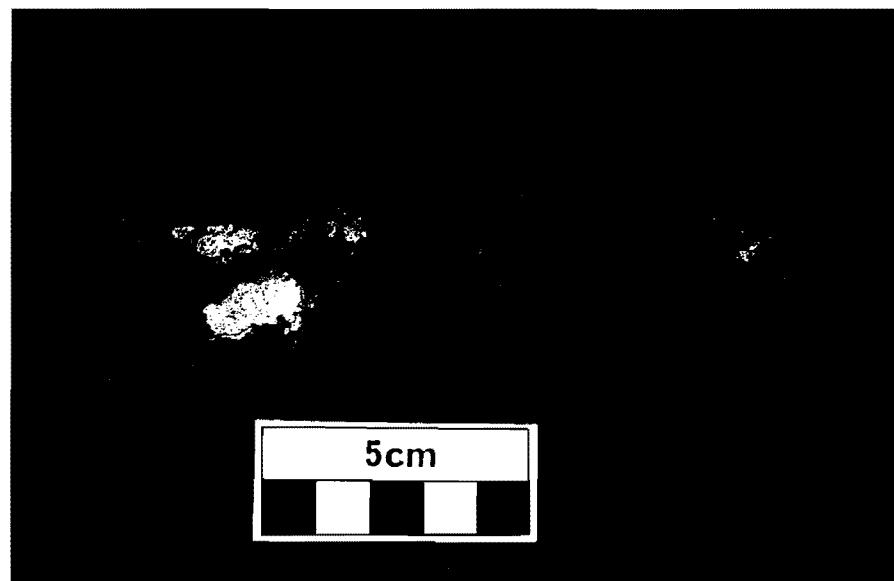
**Figure 44 29.27 (left) colourless glass vial neck and 29.28 frosted glass vial neck and shoulder (right)**



**Figure 45 40.152 bone belt buckle**



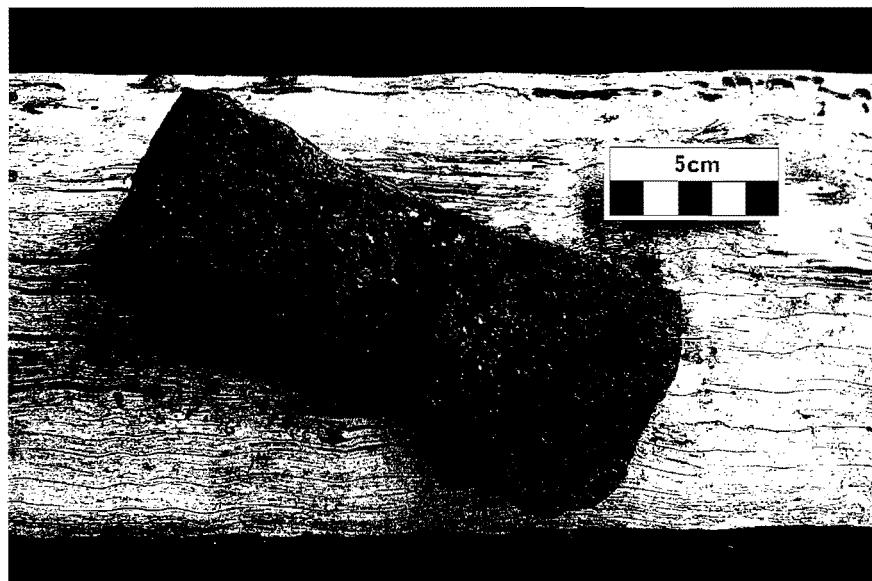
**Figure 46 29.60 razor**



**Figure 47 37.133 iron hoe**



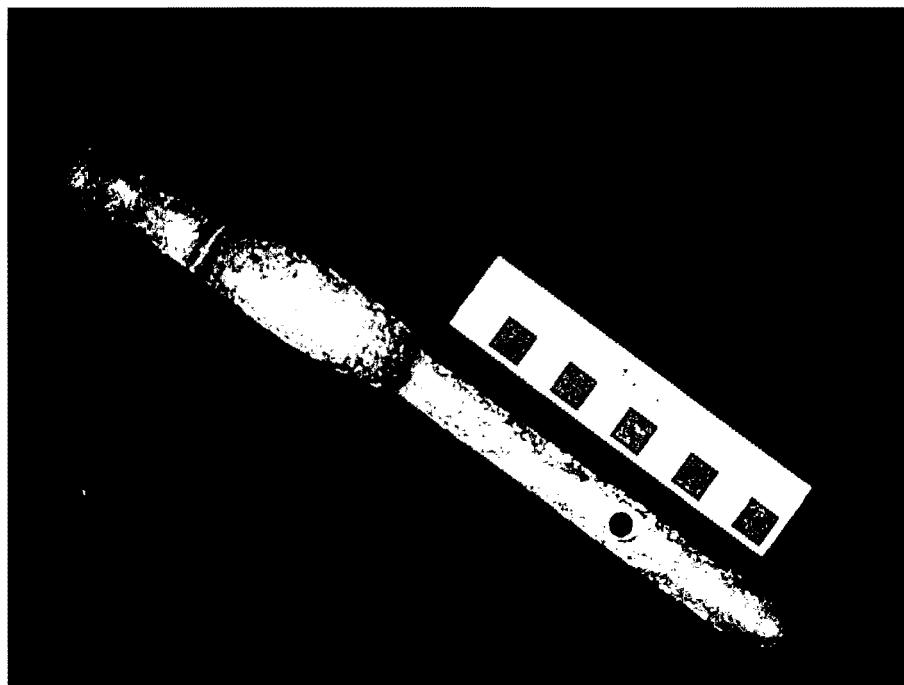
**Figure 48 7.1 axe head**



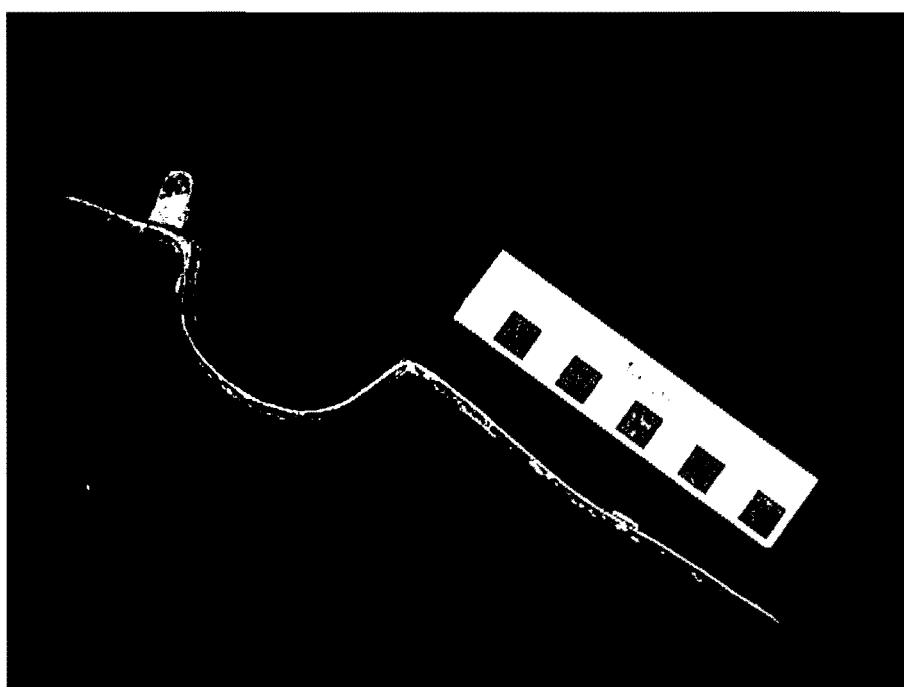
**Figure 49 40.79 pressed metal lion's head**



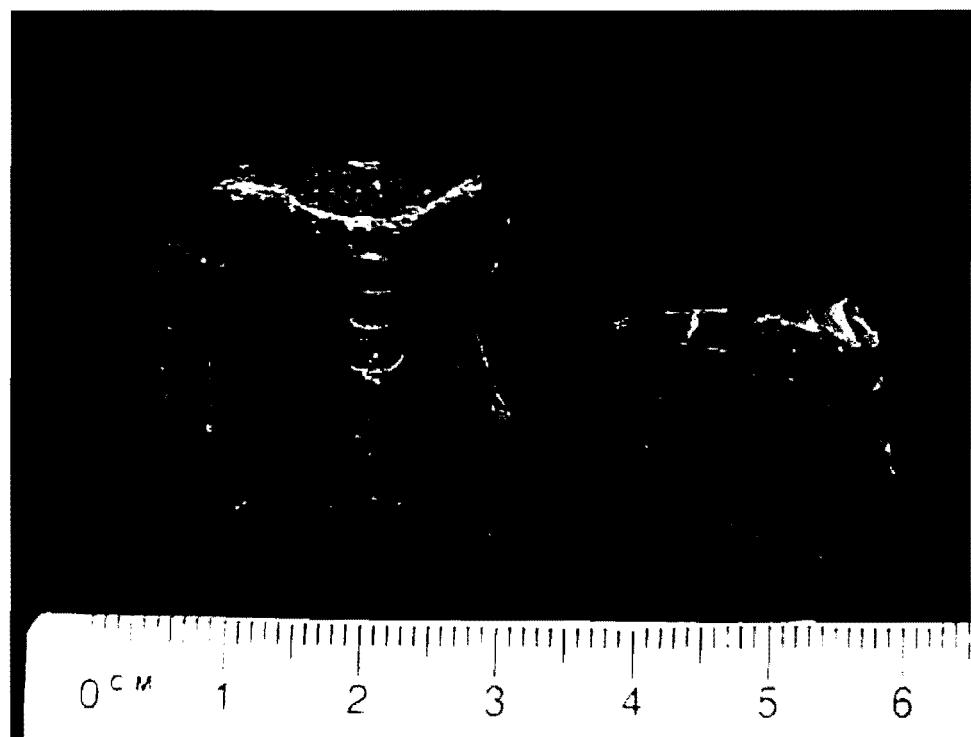
**Figure 50 44.1 musket trigger guard**



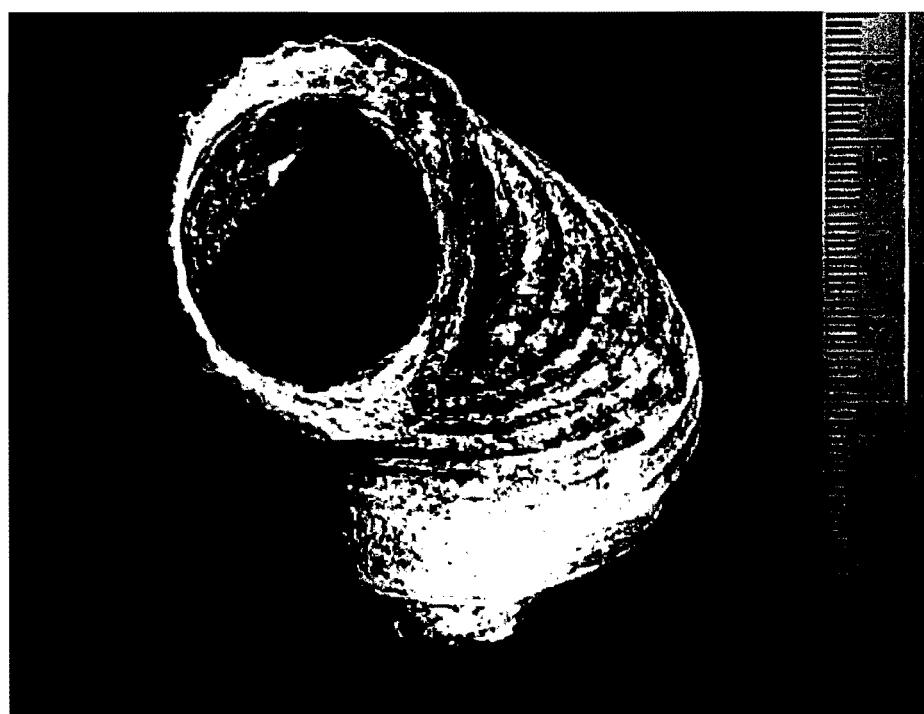
**Figure 51 44.1 trigger guard elevation**



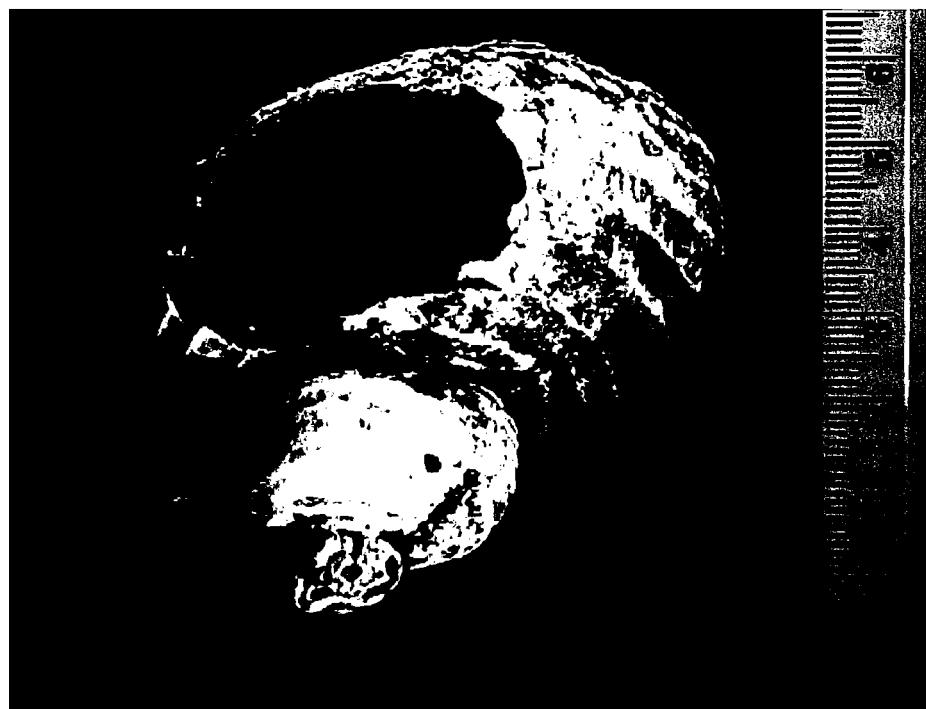
**Figure 52 1.147 musket flint (left) and 4.25, possible pistol flint (right)**



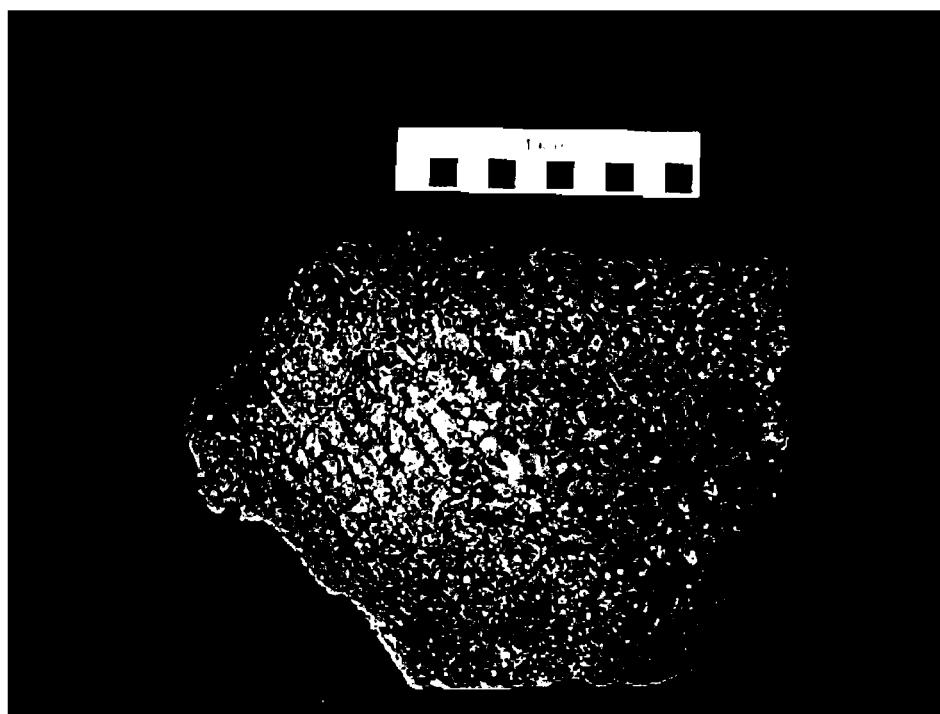
**Figure 53 Typical turbo shell from LF0040**



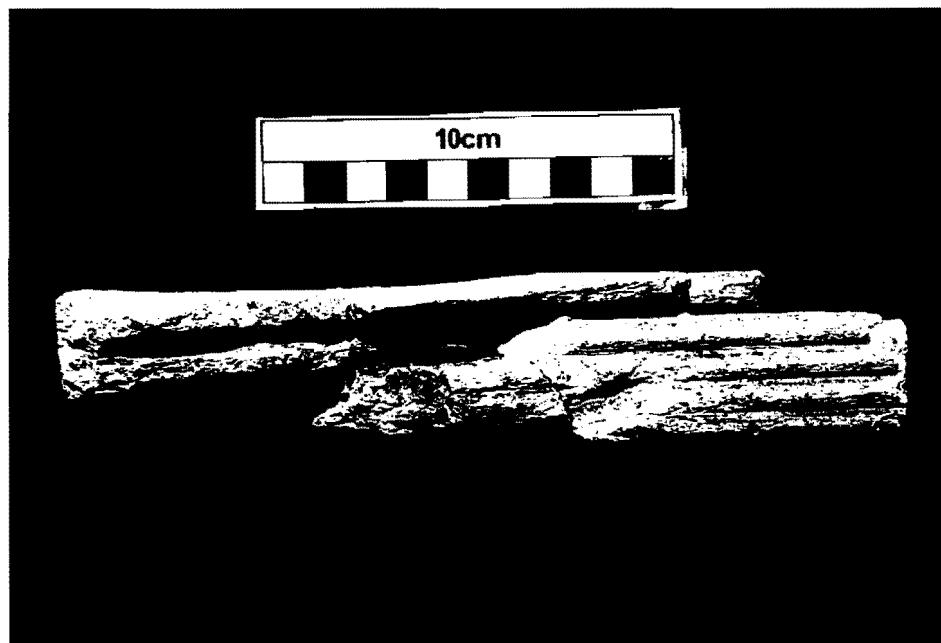
**Figure 54** Turbo shell from above – (note processing hole)



**Figure 55** 35.1 stone grater (*yolla*)



**Figure 56**      **tapa beater assembled from fragments (36.36; 36.41 and 36.43)**



**Figure 57**      **Mavis Warren's tapa beaters and thatching needle at Pitcairn Island.**

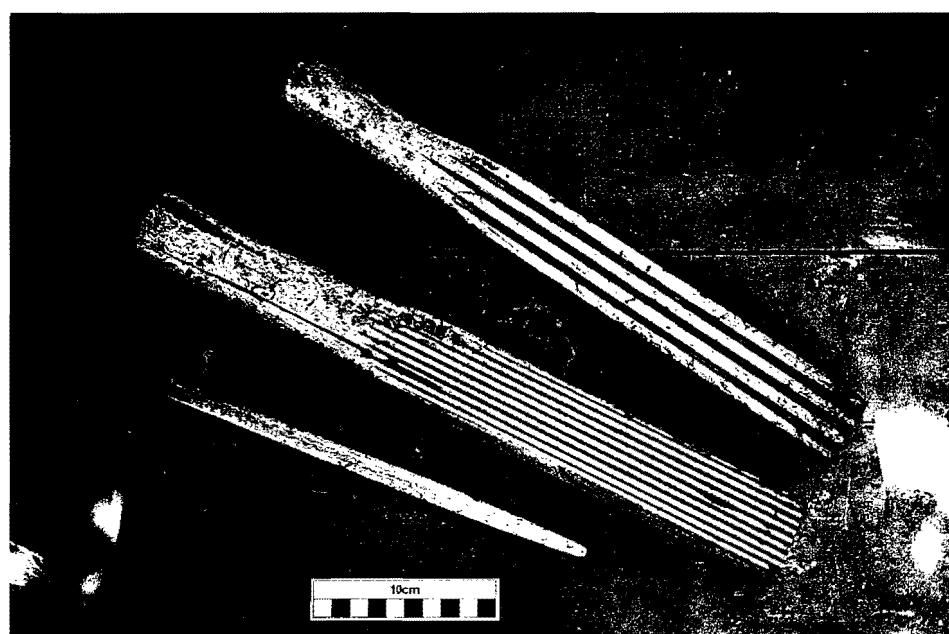
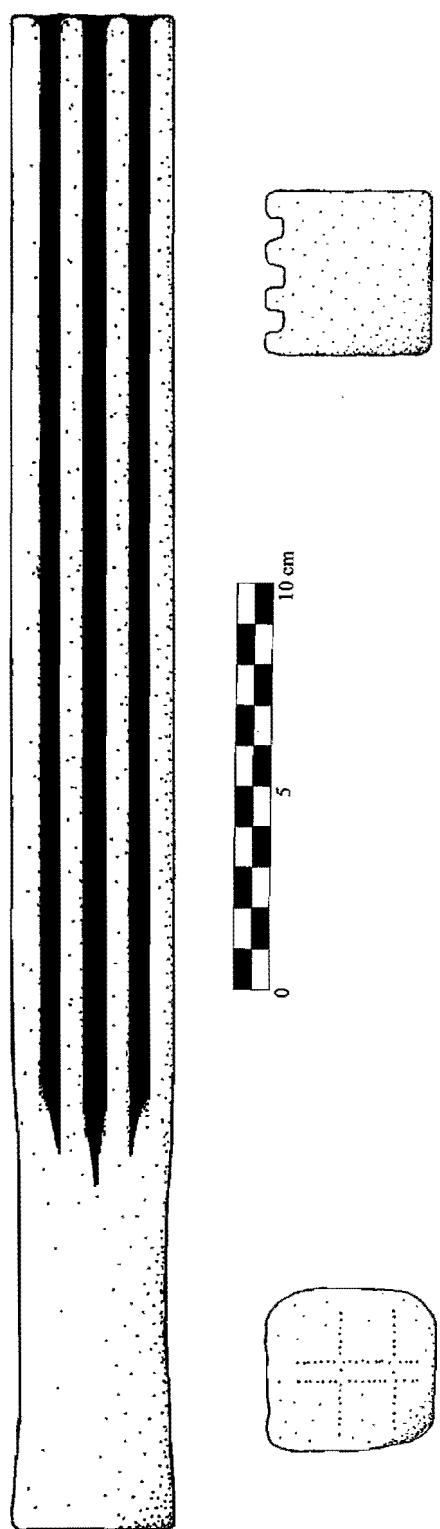


Figure 58 Mavis Warren's tapa beater. Drawing N.Erskine.



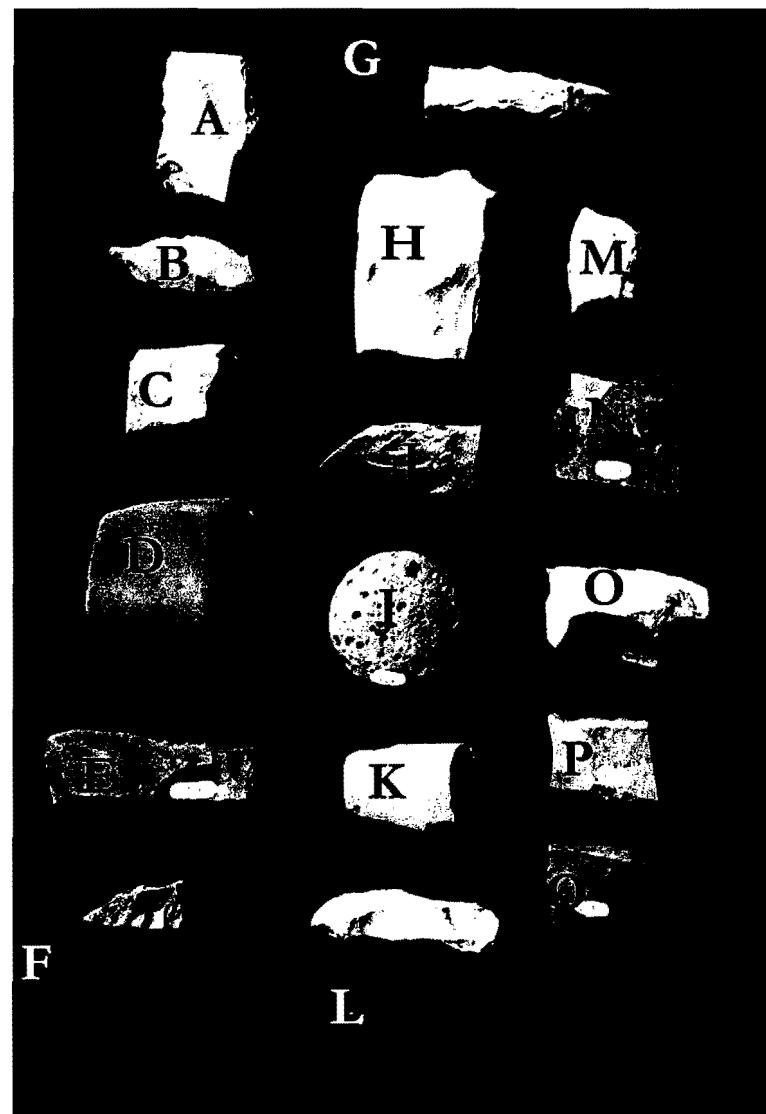
Figure 59 Mavis Warren's second tapa beater. Drawing N.Erskine



**Figure 60** Stone tools from Adamstown sites

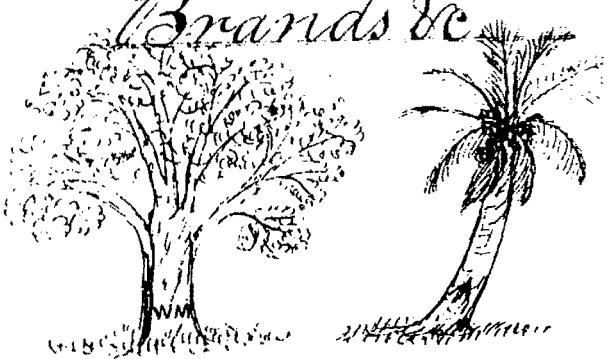
**Legend:**

A – 37.9; B – 37.75; C – 37.34; D – 36.20; E – 29.146; F – 40.171; G – 30.15;  
H – 37.85; I – 41.13; J – 36.1; K – 29.147; L – 40.170; M – 40.172; N – 30.16;  
O – 41.17; P – 41.43; Q – 41.9



**Figure 1 Register of Personal Marks used at Pitcairn Island (p.1)**  
 (Courtesy Pitcairn Island Administration)

*Brands &c*



*Trees*

Buffett	Robert Buffett	XX
Butler	Alice Butler	AY
Christian	Haywood Christian	IX
	Emphord McCoy	XIX
	Hegwood "	WE
*	Elias Charles	* XV
	Leonard "	VV
*	Edward Henry	XY
	Sydney "	IY
	Hondora "	* YY
	Mabel Warren	XII
	James "	XV
	Lindsay "	LV
	John Christian	A+
	Spicer Ben "	AX
	Gerard	AN
	Lancy "	AW
	Elliott "	EV
	Stred	HM
	Christina	HH
*	Henry	TA
*	Thomas	AM
	Allen	L
*	Leopold	FE
	Frederick	
	Eva	

Figure 2 Register of Personal Marks used at Pitcairn Island (p.2)

		72	Brands &c.
Christian	Francis Christian	N V	
	Edgar "	M M	
	Parkins " same as Alice Butler	A NY	
Coffin	Philip L. Coffin	V III	
	Eugene "		
	Freeman "		
	Philip Cook "	L K	
McLoy	James Russell McLoy	M N	
	Emily "	L M	
sey	Edmund Bobby Young	W II	
	Minnie	W M	
sey	Adeline Warren Christian	N N	
Young	Rosalind A. Young	H	
	Sarah H. " Now Arthur H. Young's	A	
	Benjamin Young " Percy Young	H Y	
	Dora "	M K	
	David "	X IX	
	Edith "	E Y	
	<del>Albert</del> Albert Walk	I K	
sey	<del>Edith</del> Maude Ryett	F X F.	
Merry	* Alfred Young	A V	
	Ida "	M V	
	Theodore "		
	Albert "		
	Vesta "		
	Austin Young	I V	
	Laura "		
	Percy "		
	Arthur Young Now Burnett Young's	A II	
	Burnett "		
	Moses Young	M Y	

Figure 3 Register of Personal Marks used at Pitcairn Island (p.3)

73

<u>Brands &amp;c.</u>		
Young	Nieder Young	VY
	Charles "	RY
	Edwin "	MY
	<del>Albert</del> Young	XXIV
	Alonzo "	XXV
	Louie "	
	Samuel Young	VII
Warren Fred	Agnes Warren brand to Eddie Warren	WX
	Annie "	AW
	Sandford Warren	WV
	Archibald "	<del>E</del> NK
	Calvert "	XI
	Kelly Warren	XVI
	Rollin "	WY
	Georgie Warren	WI
	Burley "	X+
	Christie "	XX
Young	Beatrice Young	NAI
	Gussie "	HN
	Norrie "	"
	Isabel Neutemo	N.K
	Cather Petch	IM
	Vesie Young	NY
	Albert	AH
	Vincent Young	VM
Christian	Edmunda <del>Young</del>	L
	Lousa Christian	LM
	Minnie "	LN
	Lena "	LA
	<del>Constance</del>	
	Constance Petch	

Figure 4 Register of Personal Marks used at Pitcairn Island (p.4)

74 Brandy St.	
name	
Kate Warren	
Lelwyn "	XVIII
Alwin "	WVV
Clifford "	XVII
Edna "	HII
Inez "	IN
X, Gilbert "	XIII
Dorothy "	XXV
Luna "	
* Clara "	XXX*
Vakha "	XXX
Marion "	IVI
coffin Ella coffin	AK
Millie "	RY
Young Eva Young	E.L
Bernice "	IXI
Eldon Coffin	KK
May "	MK
Maria Edwards	MII
Verde Christian	AII
Sophie "	AL
Lila "	NIV
Christen Warren	XX
Floyd McCoy	WE
Miriam Naomi Warren	XVI
Wallace Warren	wxx
Wilfred "	W.W
Abelotte Christian	V.K
Alta Christian	E.I.
Vernon Young	VI
Eleanor "	VIV

Figure 5 Register of Personal Marks used at Pitcairn Island (p.5)

Brands etc.

75

Walter Volk.	X K
Gifford Christian	AIM
Virginia ..	FM
Joseph Christian	LKY
Lincoln Clark	LA
Edna W. Christian	HII
Viola young	A
Gladys ..	▽
Vera ..	XX
Ray ..	△
Chester ..	YY
Hilda ..	III
Wilkes,	EX
Austin	MIV
Oliver Clark	VIN
Andy Warren	EN
Sterling ..	IZ
Morris Christian	WZ
George A. Warren	XXX Y
Margorie	H H H
Samuel G. Young	VIA
Aubrey G. Young	H X
Melba Warren	A J
Jacob Warren	AA
Fern Warren	XX Y
Burnett Christian	INI
Osten Young	MIV
Eileen Warren	IXX
Stan Edgar Christian	V
Vernon G. Young	IVA
Elwyn G. Christian	MI
Errol Young	MM
Stella ..	MM

Figure 6 Register of Personal Marks used at Pitcairn Island (p.6)

		76
<u>1407</u>		
Jan 20	Alfred Evans took for his mother mark the mark that Austin had and of his sonnes - left one marked (Internal Committee Jan 20 87) <u>Restored to Austin (Later born April 12, 1908)</u>	
	· Sandford Warren took for his mother mark the mother mark Alfred Young was giving up - left one split (Internal Committee Jan 20 87)	
<u>1950</u>		Brands on trees etc.
Jan. 6	Bert Christian	XVV
8/5/52	Laura Christian	NNN
4/7/54	Glareese. young	MXI
10/4/55	Oscar Clark	INV
24/4/56	Len. Brown	IV N
24/4/56	Peris	MIX
13/5/78	Jay	XI

## **ARCHAEOLOGICAL INVESTIGATION OF *BOUNTY* SITE**

### **Rationale**

An original objective of fieldwork at Pitcairn Island was to consider what material evidence existed for the recycling of *Bounty* artefacts. As in the case of the Swiss Family Robinson where ‘...The ship had sailed for the purpose of supplying a young colony ...’ and had ‘...on board every conceivable article we could desire in our present situation... our only difficulty ...to make a wise selection’ (Wyss 1949:47), the equipment and structure of the *Bounty* represent a unique source of supply to the settlers at Pitcairn Island, particularly in the period of absolute isolation in the early years of the nineteenth century. As envisaged in the original research design of this thesis, examination of the underwater remains of the *Bounty* could potentially reveal evidence of ‘wise selection’ and the wreck remains of the *Bounty* were mapped and partly excavated in the course of fieldwork in 1998/99. Artefacts recovered in this work formed the basis for identifying material from the *Bounty* found at land sites at Adamstown.

In the event, the underwater excavations on the *Bounty* wreck were unable to provide answers as initially envisaged. Difficulties working in the surf of Bounty Bay precluded effective sampling of the site and ruled out the possibility of clearly distinguishing between natural and cultural processes affecting the site.

Although not the focus of the present study, material excavated from the *Bounty* site was also considered as evidence of preparation for the breadfruit voyage and will form the basis of a future publication.

### **Survey Method**

During an initial reconnaissance trip to Pitcairn in October 1997, the author made several dives in Bounty Bay. As a result of this experience and in light of the relatively shallow water conditions encountered in Bounty Bay, a Total Station situated at a temporary benchmark on land and targeting a triple prism mounted on a telescopic pole in the sea, was used for surveying ballast mounds. Although the constant movement in the open waters of Bounty Bay reduces the accuracy of such a

method, this was compensated by the use of the triple prism target and the tracking mode function of a Nikon DTM-310 electronic Total Station. In tracking mode, both angle and distance are measured at 1.2 second intervals, the result displayed representing an averaged measurement.

This system proved only partially appropriate and a far simpler approach was adopted using an east-west traverse with soundings referenced by compass bearings to known points. These points were; 1) the base of the crane at the landing, 2) the outer *Small Stone*, 3) the end of *Old Man* point, 4) the middle of *Adams Rock*. This system had the great benefit of simplicity and required only two people, working together in the relative safety of the inflatable. The results of this survey are shown in Figure 1 on the following page. It should be noted that at the time of fieldwork on Pitcairn, standard Global Positioning Systems (GPS) provided accuracies in the order of 100 metres only, while Differential systems (D-GPS) were beyond the scope of the expedition.

### **Search Strategy**

Several natural elements define the area of Bounty Bay and were considered when planning the search strategy. Figure 1 shows the clear separation between the rock plateau foreshore and the white sands offshore. These areas present as two distinct marine environments. In contrast to the sediment rich *White Sands*, the foreshore rock plateau is lacking in fine sediments. Randall (1973:17) described this inshore area as consisting mainly of boulders. This is an over simplification. The main rock formation consists of undulating calcarenite, cut by narrow gutters running perpendicular to the shore, with occasional potholes and deeper pools. Trapped sediments typically consist of gravel and small rounded stones. Large boulders are most numerous close to shore and originate from the cliffs above Bounty Bay. Coral forms are sparse and restricted to small colonies of *Millopora* and *Pocillopora*. A thin covering of green (*Dictyota*) and brown (*Sargassum*) algae attaches to much of the rock surface.

## Appendix B.1

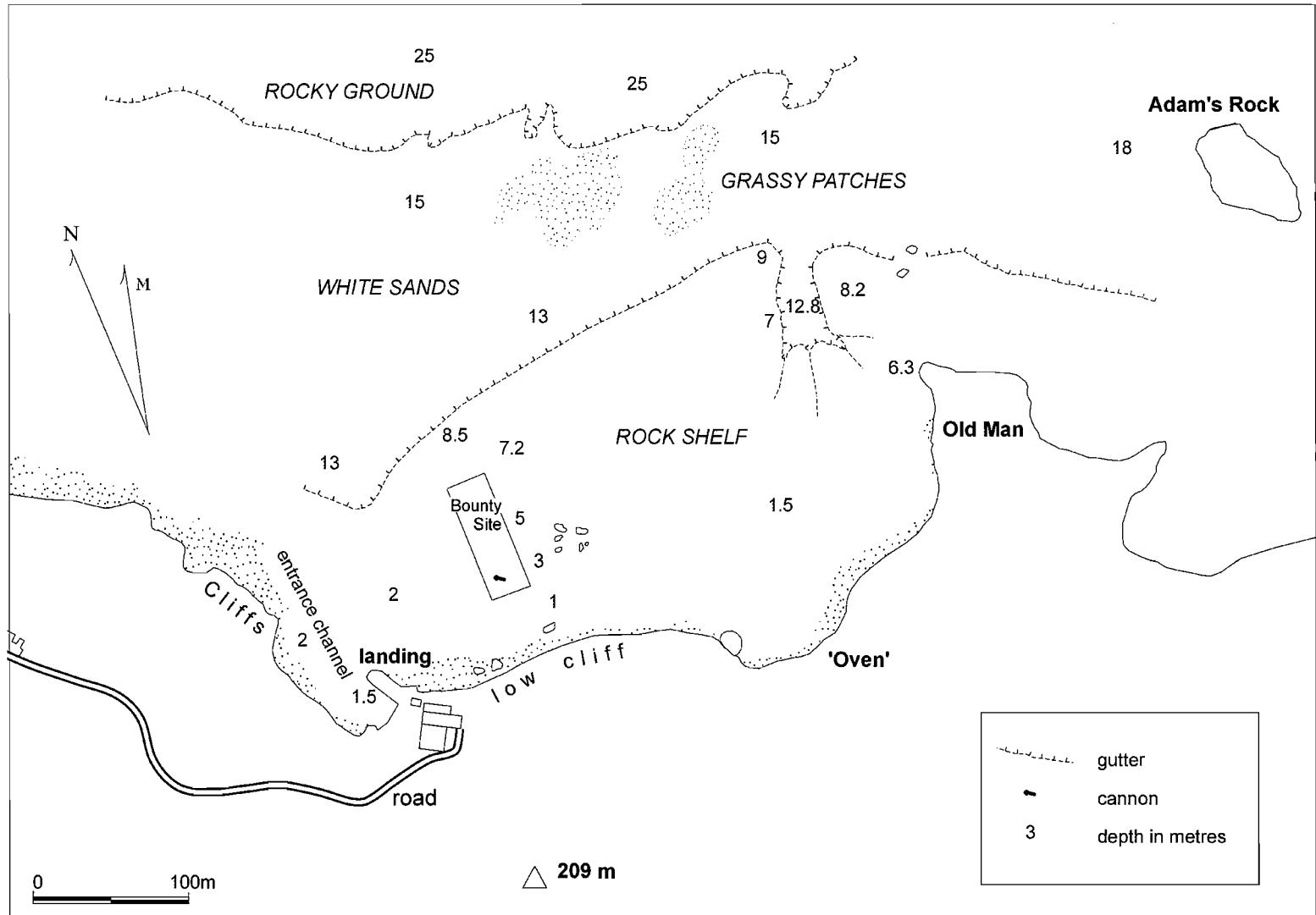


Figure 1 Plan of Bounty Bay (Survey N.Erskine 1999)

## **Appendix B.1**

In general, the lack of sediments and restricted coral growth on the plateau characterize this as a high visibility area, suited to simple visual search techniques. Further, the size of this area is small enough to ensure thorough coverage. It should be noted that with the exception of the area inshore of breaking surf, underwater visibility is routinely greater than twenty metres.

In contrast, the area of *White Sands* presents few distinctive features. While the break between the inshore rock plateau and *White Sands* marks a clear boundary to the south, sand extends beyond Bounty Bay both east and west. To the north the *White Sands* are bordered by rocky ground, clearly recognized by a sudden change in colour. Like the inshore rock formations, this area displays a paucity of coral. This northern boundary is also marked by a rapid increase in depth, quickly passing into areas greater than 30 metres in depth. DCIEM Tables (Canadian Defence and Civil Institute of Environmental Medicine) were used for all diving operations and diving procedures were based on Australian Standard 2299 (Workplace Health and Safety Act 1995). In light of Pitcairn's isolation and lack of recompression chamber, the search of this deep water area was designed in accordance with an acceptable level of risk management.

The volcanic origin of Pitcairn has already been noted and this influenced the choice of search equipment. Given the uncertainty associated with the use of a magnetometer in this geological environment, a metal detector (Aquapulse 1B) was used and proved an effective search tool.

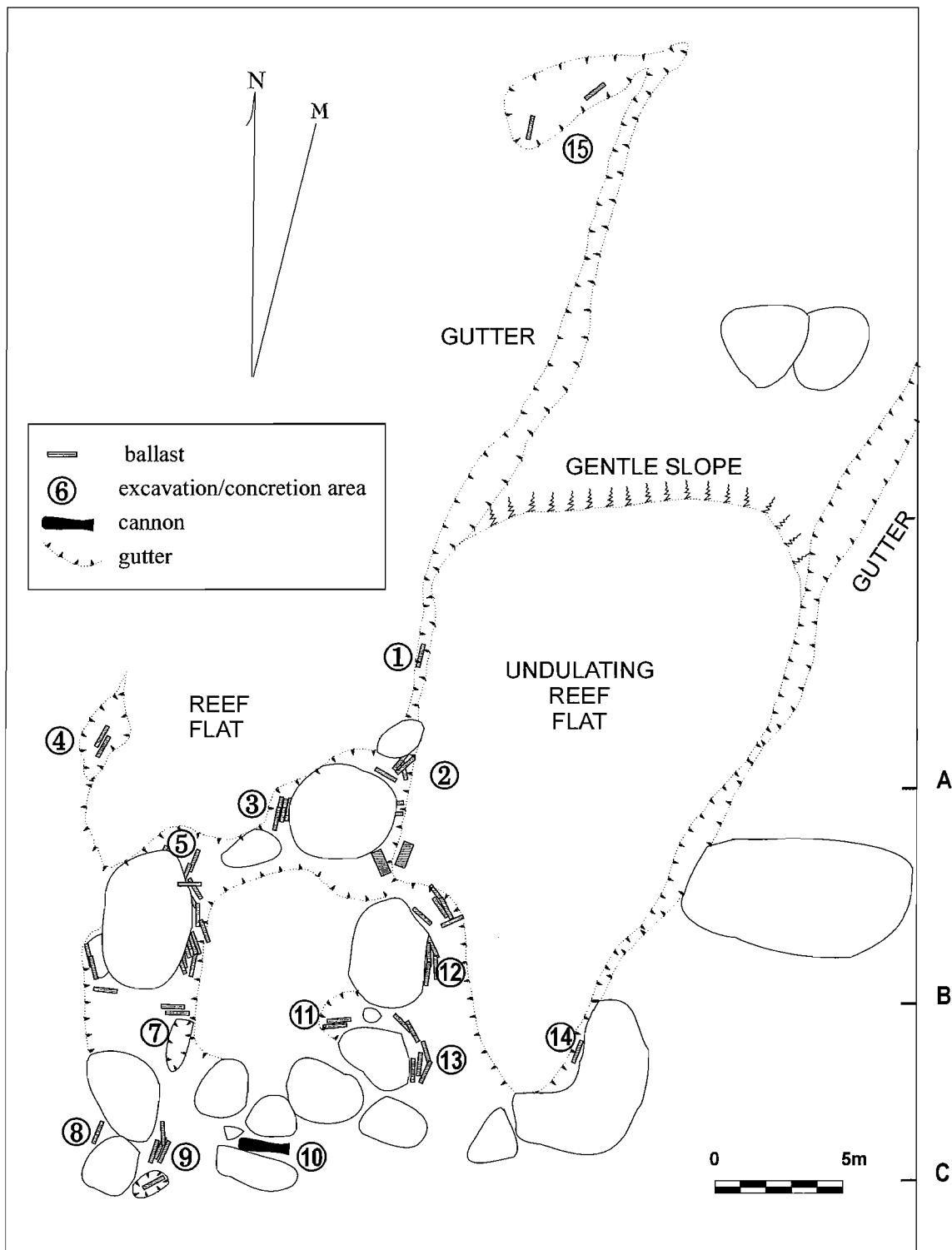
Taking all parameters of the search area into consideration, the following strategy was devised for searching Bounty Bay.

1. Interview local divers familiar with the area.
2. Search the rocks and pools along the shore of the Bounty Bay for material remains associated with the *Bounty*.
3. Ask local divers to show where material from the *Bounty* was originally found.
4. Undertake a towed search of those areas of Bounty Bay safe for boat work.

5. Undertake a visual diver search (swimline) of the rock plateau to establish the extent of material remains incorporating the underwater metal detector.
6. Tag, number and record these remains photographically with appropriate scales, using video footage for diver briefing and use with local divers now too old to dive.
7. Undertake a visual diver search of the *White Sands* using a swimline search perpendicular to the rock / sand intersection and incorporating the underwater metal detector.
8. Continue visual diver search of the *White Sands* incorporating the underwater metal detector in jackstay searches.
9. Undertake towed search only of rocky ground seaward of the *White Sands*.

**Diver search of rock plateau incorporating underwater metal detector**

The diver search of the rock plateau consisted of four divers spaced at approximately five metre intervals, swimming in line across the plateau in an east-west formation. At the end of each run (*Old Man* or the western side of the entrance channel) the line was reformed out from the seaward diver and the process repeated. Divers remained in visual contact and carried small floats and weighted line to mark areas of interest. These areas were later investigated with the metal detector. The entire rock plateau was searched in this manner, with a further search made using the metal detector alone. Despite very clear conditions, with the exception of one lone ballast block, *Bounty* material was found in one area only. As a result of these findings a decision was made to split the underwater team. Team one was assigned the task of tagging all areas where *Bounty* material existed, while team two continued searching the area of the rock plateau to *White Sands* interface. Numbered plastic tags were nailed into the soft calcarenite rock at each location of *Bounty* remains, resulting in 15 tagged areas. Area 16, an inshore area in very shallow water, and area 17, site of a single ballast block some distance from the main concentration, were not tagged. Measurements and angles were taken between tagged areas and combined with video footage of individual features to produce a site plan. This is reproduced in Figure 2 on the following page.

Figure 2      *Bounty* site plan

(Areas seaward of A are generally accessible in all conditions; the area between A and B is accessible occasionally in good conditions; the area between B and C is only accessible in calm conditions; the area inshore of C is rarely accessible). Artefacts listed in Appendix B.2 are referenced to numbered areas.

**Pre-disturbance survey**

Prior to disturbance of the site a pre-disturbance survey was carried out. Corrosion potentials were taken on exposed iron ballast in each area and the cannon in area 10. This is reproduced at the end of Appendix B.1.

**Excavation strategy**

Figure 2 shows that remains of the *Bounty* are located in gutters, potholes and around large boulders. Each of these locations can be regarded as a separate enclosed pocket where, material having initially found its way to a particular position, further movement is restricted. Each pocket is defined by natural features and is easily recognised. In light of this and the fact that no system of grids was possible in the extreme conditions routinely experienced on site, a decision was made to use these natural pockets as excavation units. Any material remains located between such clusters were identified as isolated artefacts and recorded accordingly.

Reconnaissance on the site in 1997 had shown that a large number of ballast blocks lay in pockets and amongst boulders. The *Bounty* site has remarkable similarities to the *Sirius* wreck site excavated by members of the Australian Bicentennial Authority *Sirius* Project between 1987 and 1990. The *Sirius* project had proven that (even delicate) material remains may survive on a highly dynamic site if these are protected by sufficient overburden. As a result of the *Sirius* example it was reasoned that significant cultural material was likely to exist under ballast on the *Bounty* site and that this material could address significant questions posed by the research design. Based on this premise, ballast was removed from the majority of identified areas and the material beneath excavated and removed to land for deconcretion, conservation and analysis. A further goal was to remove a previously identified cannon from the site. The cannon was known to be the last of four originally shipped aboard *Bounty* as part of the refit for the breadfruit voyage in 1787. Although two other *Bounty* cannon survive, they have both lost all surface detail and retain little useful information. The cannon located on the *Bounty* site therefore represented a significant opportunity to document the armament issued to the vessel for the voyage.

**Excavation method**

A range of tools were used to excavate the extremely well cemented concretion mounds under the ballast including cold chisels, steel wedges, hammers, pry bars, air-filled drums and a pneumatic hammer. Some experimentation was necessary to find the best combination of tools for working in the constant surge. Although pry bars offered a means of applying considerable pressure to ballast blocks, they were difficult to use with any precision and exposed the diver to full surge. A 75 mm steel wedge and 5 kg hammer was found to be a powerful combination which could be easily controlled and allowed a diver to work in small, relatively sheltered positions out of the main wave surge. Using the wedge and hammer it was possible to work gradually under a ballast block until it was free from surrounding attachments. At this point the ballast was either removed using air-filled drums or moved to expose material beneath. This material was photographed in situ, prior to removal to the land for deconcretion. To facilitate this process a plastic artefact crate was secured in area 1 at the beginning of each day's diving. The crate is fitted with a hinged door, allowing artefacts to be placed in a secure location during excavation. Artefacts were placed in individual plastic bags with celcast labels attached to safeguard artefact provenances. At the end of each diving session the artefact crate was carried to a position below the dive inflatable where the boat handler brought the crate to the surface and into the boat. On shore the artefacts were taken to the Project's accommodation for sorting and deconcreting where appropriate. Artefacts were examined, measured, photographed and placed in appropriate stabilizing solutions. Objects were labelled and placed with other artefacts of similar composition. Some larger concretions (particularly those showing evidence of containing iron remains) were labelled and kept in tubs of sea water for x-ray analysis on return to Australia. All objects removed from Pitcairn were conserved by the Queensland Museum.

**Pre-Disturbance Survey**

<b>Site:</b>	Bounty wreck site, Bounty Bay, Pitcairn Island
<b>Location:</b>	25° 04' S, 130° 06' W
<b>Inspection date:</b>	8 November 1998
<b>Personnel:</b>	N.Erskine – Dept. of Anthropology and Archaeology James Cook University
	J. Carpenter – Dept. of Materials Conservation Western Australian Museum

<b>Wind speed:</b>	10 knots
<b>Direction:</b>	South East
<b>Sea conditions:</b>	Small waves to approximately 1 metre, period – 5 sec
<b>Swell:</b>	East to South-East
<b>Current:</b>	No noticeable effect
<b>Tides:</b>	< 0.5 metre
<b>Water temperature:</b>	24° C
<b>U/water visibility:</b>	Good – approximately 15 metres
<b>Dissolved O<sub>2</sub> content:</b>	High

**General site location:** The wreck remains are situated in Bounty Bay on the northern side of Pitcairn Island. Bounty Bay is a shallow indent in the coast and is generally exposed to wind and seas from the north and east. Slight protection is given by a rocky promontory forming the eastern extreme of Bounty Bay, with Adams' Rock situated a short distance off this point. The shore is rocky and completely devoid of sand with steep cliffs rising from the water's edge. The prominent peak of *Ships Landing Point* dominates the skyline and rises over 200 m. The remains of the *Bounty* are situated in shallow water (1.5 m – 7.5 m) on a rocky plateau which ends abruptly and gives way to a sand bottom approximately 150 m from the shore. Several large underwater rocks are scattered over the rock plateau and the remains of the vessel are partially protected amongst these.

**Degree of site exposure**

<b>% of bottom sedimentary deposit:</b>	<25%
<b>Deposit:</b>	Boulders with occasional gravel and sand in pockets.
<b>Slope:</b>	> 6°
<b>Sea horizon:</b>	>120°
<b>Fetch:</b>	>750 km

**Fresh water run off**

Several waterfalls empty into Bounty Bay during periods of heavy rainfall, the steep landscape contributing to episodic periods of severe erosion when sediment is transported from the land to the sea.

**General Observations**

Exposed artefacts are limited to clusters of iron ballast blocks lying amongst large rocks and in narrow gullies in the rock plateau. These are generally covered by a thin layer of concretion. A small number of ballast blocks are loose and show obvious signs of disturbance. Copper alloy sheathing nails, fragments of copper sheathing and small pieces of lead were found amongst the ballast. An iron cannon was located in approximately 2.8 m of water.

**Corrosion Potentials ( $E^{corr}$ ) – Iron**

		<b>Measured</b>	<b>Corrected</b>	
$E^{corr}$ Ag/AgCl/Seawater		+261 mV		
$E^{corr}$ seawater		-0.171mV	0.097mV	
pH seawater		8.15 - 8.20	8.17	
Seawater temperature		23 – 24 C		
<b>Area</b>	<b>Artefact</b>	<b>Corrosion Potential</b>	<b>Corrosion Potential (rel NHE)</b>	<b>pH</b>
Area 1	Ballast	-0.512 mV	-0.244mV	7.11
Area 2	Ballast	-0.573 mV	-0.305mV	6.6**
Area 5	Ballast	-0.638 mV	-0.370mV	7.39**
Area 7	Ballast	-0.396 mV	-0.128mV	7.11
Area 9*	Ballast	-0.510 mV	-0.242mV	7.11
Area 9	Ballast	-0.436 mV	-0.168mV	7.11
Area 10	Cannon	-0.583 mV	-0.315mV	7.33
Area 12	Ballast	-0.470 mV	-0.202mV	7.11
Area 14	Ballast	-0.533 mV	-0.265mV	7.11

- \* single abraded ballast in pothole
- \*\* Gas release
- pH 7.11 is an average of artefact pH in areas 2, 5 and 10 as no pH was obtainable after equipment was damaged due to turbulent sea conditions.

### Pourbaix diagram of *Bounty* site

Pourbaix diagram indicates that cannon ZA145 and the majority of iron ballast tested are actively corroding.

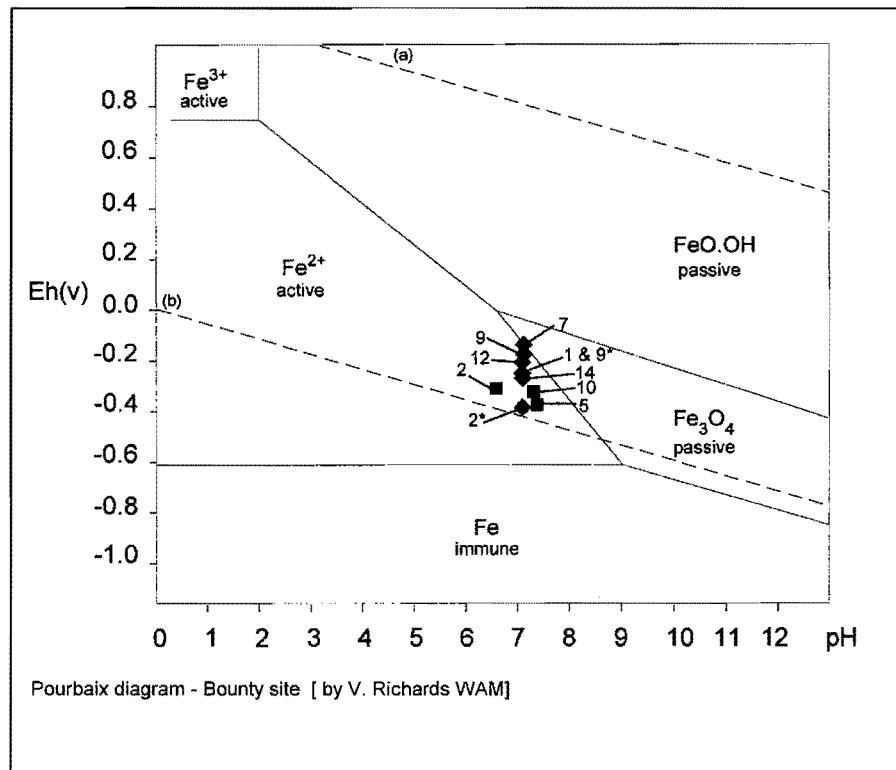


Figure 3 Corrosion potentials of iron at areas numbered on Figure 2.

## **Appendix B.2**

### **Register of artefacts from *Bounty* site**

#### **Abbreviations:**

Cu	Copper
OD	Outside diameter
ID	Inside diameter
L	Length
W	Width
Th	Thickness

<b>Bounty artefact list</b>						
<b>Reg #</b>	<b>Area</b>	<b>Description</b>				
ZA 1	7	25 mm iron shot, Cu alloy sheathing nail and coal (all in concretion)				
ZA 2	7	40 mm round shot (incomplete)				
ZA 3	15	Cu alloy sheathing nails and iron in concretion				
ZA 4	15	75 mm Cu alloy nail				
ZA 5	15	25 mm Cu alloy nail				
ZA 6	15	Ballast block fragment (corner)				
ZA 7	15	Part clam shell ( <i>Tridacna maxima</i> ) in concretion				
ZA 8	15	Cu roves (square)				
ZA 9	15	Timber fragments				
ZA 10	15	Iron fastening fragment (12 mm x 12 mm)				
ZA 11	15	Bone fragment (unidentified)				
ZA 12	15	Cu alloy nail fragment with chisel point, L. 35 mm, W 6 mm				
ZA 13	15	25 mm Cu alloy nail				
ZA 14	15	Cu alloy sheathing nails (4 complete, 3 incomplete)				
ZA 15	15	Cu sheathing fragments				
ZA 16	15	Turbo shell ( <i>Turbo argyrostomus</i> ) in concretion				
ZA 17	7	25 mm case shot and Cu alloy nails in concretion				
ZA 18	7	Cu sheathing with 2 x 40 mm nails				
ZA 19	7	Lead pipe sections (2) 40 mm x 25 mm diameter				
ZA 20	7	Cu alloy sheathing nails (22 complete, 7 incomplete)				
ZA 21	7	Cu alloy coak (58 mm OD, 20 mm ID, 6 mm thick)				
ZA 22	7	Timber frags				
ZA 23	7	8 melted lead fragments				
ZA 24	7	Cu sheathing frags				
ZA 25	7	Unidentified object (Compacted sediment - *deregistered)				
ZA 26	7	Cu alloy nail inconcretion				
ZA 27	16	Timber block sheave with Cu alloy coak, axl ediam. 20 mm				
ZA 28	16	Cu alloy nail fragment (chisel point)				
ZA 29	16	Eroded Cu alloy nails in concretion				
ZA 30	16	40 mm Cu alloy sheathing nails (4)				

<b>Reg #</b>	<b>Area</b>	<b>Description</b>							
ZA 31	16	4 Cu sheathing fragments							
ZA 32	16	2 lead fragments							
ZA 33	16	Eroded Cu alloy sheathing nails and swivel gun ball inconcretion							
ZA 34	7	75 mm round shot							
ZA 35	7	Cu alloy sheathing nails (5) and Cu sheathing fragments in concretion							
ZA 36	7	Concretion for X-ray (nothing found - deregistered)							
ZA 37	7	Concretion for X-ray, 35 mm iron strap, small wood fragment							
ZA 38	7	15 Cu alloy sheathing nails							
ZA 39	7	Cu fragment('T') - part draught mark							
ZA 40	2	coal							
ZA 41	2	Cu (spoon?)							
ZA 42	2	Composite block axle (Cu alloy casing with iron centre) 205 mm x 25 mm							
ZA 43	2	Composite block axle (Cu alloy casing with iron centre) 135 mm x 17 mm							
ZA 44	2	Composite block axle (Cu alloy casing with iron centre) 145 mm x 19 mm							
ZA 45	2	Bronze flat bar fragment with 25 mm hole (approx. 12 mm thick)							
ZA 46	2	Cu alloy coak with 3 holes (50 mm OD, 20 mm ID)							
ZA 47	2	Cu alloy clench ring (fragment only)							
ZA 48	2	Cu alloy clench ring with impressed broadarrow mark (46 mm OD, 26 mm ID)							
ZA 49	1	Lead scupper pipe (approx. 50 mm ID)							
ZA 50	7	Iron fragment (unidentified)							
ZA 51	1	Lead sheeting (4 pieces), laegest approx. 400 mm x 150 mm							
ZA 52	2	6 melted lead fragments							
ZA 53	2	Cu sheathing sheet (350 mm x 540 mm x 0.75 mm thick)							
ZA 54	2	Cu sheathing fragments							
ZA 55	2	Cu sheathing fragment							
ZA 56	2	Cu sheathing fragment							
ZA 57	3	Cu sheathing fragment							
ZA 58	2	wrought iron ring fragment inconcretion (100 mm ID, 25 mm thick)							
ZA 59	2	mould from bolt							
ZA 60	7	mould of round shot (78 mm)							
ZA 61	7	mould of round shot (78 mm)							
ZA 62	2	mould from ZA 46							

Reg #	Area	Description						
ZA 63	2	Cu alloy fragments with pattern						
ZA 64	7	Wooden block sheave (incomplete) Original diameter 150 mm						
ZA 65	2	Part abraded brick with burn marks, approx. 58 mm wide						
ZA 66	2	63 Cu alloy sheathing nails (40 mm)						
ZA 67	2	Cu alloy pin (50 mm x 2 mm)						
ZA 68	7	pig vertebra (incomplete)						
ZA 69	2	bone fragment (unidentified)						
ZA 70	2	glass fragments						
ZA 71	7	Concretion containing part of turbo shell ( <i>Turbo argyrostomus</i> ) and coal						
ZA 72	1	Bronze strap with (2) 25 mm holes (L 140 mm x W 130 mm x Th 12 mm)						
ZA 73	1	40 mm Cu alloy sheathing nails (5 complete, 8 incomplete)						
ZA 74	1	Turbo shell part (operculum), diam. 18 mm						
ZA 75	2	Timber fragment, 200 mm x 100 mm						
ZA 76	2	Timber in concretion						
ZA 77	2	Rope strands in concretion						
ZA 78	2	Timber fragment inconcretion						
ZA 79	2	5 scorched timber fragments						
ZA 80	2	Glass fragment in concretion						
ZA 81	2	Coal						
ZA 82	2	10 Cu alloy sheathing fragments in concretion						
ZA 83	7	19 mm lead shot (4) in concretion						
ZA 84	7	Keel staple (incomplete)						
ZA 85	7	Unidentified Cu alloy object (finely worked section)						
ZA 86	7	Cu alloy nail fragments (2 square heads, 2 sections)						
ZA 87	7	Cu alloy disc with engraved bands, 65 mm OD, central hole 6 mm						
ZA 88	7	Cu alloy sheathing nails in concretion						
ZA 89	7	Bronze strap fragment with 25 mm hole (Th 12 mm)						
ZA 90	7	Cu alloy rivet (45 mm x 8.5 mm) with washer (19 mm x 3 mm)						
ZA 91	7	Cu alloy spike with broadarrow stamp (L. 63 mm, approx. 12 mm x 12 mm section)						
ZA 92	2	Composite block axle (Cu alloy casing with iron centre) with square end (105 mm x 22 mm)						
ZA 93	2	Cu alloy clench ring fragments						
ZA 94	2	17 mm lead shot (5)						

Reg #	Area	Description						
ZA 95	7	Lead cylinders (2), (L. 40 mm, OD 28 mm, ID 20mm)						
ZA 96	7	40 mm Cu alloy sheathing nails (3) in concretion						
ZA 97	7	40 mm Cu alloy sheathing nails (16 complete, 9 incomplete)						
ZA 98	7	Mould of broadarrow from ZA 84						
ZA 99	7	40 mm Cu alloy sheathing nails (45 complete, + 4 fragments)						
ZA 100	3	Cu bolt marked "HENCKELL" (40 mm x 700 mm)						
ZA 101	3	Grenade (Diam. 102 mm, hole 8 mm, case 10 mm thick)						
ZA 102	3	40 mm round shot						
Za 103	3	Windlass gudgeon (for 86 mm shaft; wgt.4.35 kg)						
ZA 104	3	Cu alloy keel staple fragment with broadarrow marks (200 mm x 25 mm x 8 mm)						
ZA 105	3	Composite block axle (Cu alloy casing with iron centre) (200 mm x 25 mm)						
ZA 106	3	Composite block axle (Cu alloy casing with iron centre) (112 mm x 25 mm)						
ZA 107	3	Swivel gun fragments with incomplete weight mark "1-1"						
ZA 108	7	Wrought iron bar (L. 235 mm x 22 mm ) with fragments						
ZA 109	7	35 iron shot (incomplete)						
ZA 110	7	Wrought iron cap square remains						
ZA 111	7	Unidentified iron fragment						
ZA 112	2	36 mm iron shot (2)						
ZA 113	2	78 mm round shot						
ZA 114	2	78 mm round shot						
ZA 115	2	78 mm round shot						
ZA 116	7	Bar shot (incomplete), End Diam. 66 mm						
ZA 117	7	78 mm round shot						
ZA 118	7	36 mm round shot						
ZA 119	7	19 mm lead shot						
ZA 120	2	Iron hinge fragments with (2) 20 mm holes						
ZA 121	7	Block sheave (incomplete)						
ZA 122	2	Cu sheathing fragments (20)m from concretions						
ZA 123	1	4 lead sheeting fragments (largest 110 mm x 120 mm)						
ZA 124	2	Iron chain (residual only) in concretion, links c. 13 mm thick x irregular lengths						
ZA 125	7	Iron thimble (residual only) in concretion						
ZA 126	7	Coal						

Reg #	Area	Description						
ZA 127	2	Concretion containing coal, lead fragments, 4 Cu alloy sheathing nails (40 mm), turbo shell						
ZA 128	2	Concretion containing turbo shell (complete) and operculum						
ZA 129	2	Iron ballast block with broadarrow mark (450 mm x 150 mm x 110 mm)						
ZA 130	2	Timber fragments in concretion						
ZA 131	2	Iron hinge fragment in concretion						
ZA 132	2	Iron ballast block (540 mm x 150 mm x 150 mm)						
ZA 133	17	Iron ballast block (820 mm x 140 mm x 140 mm), very corroded						
ZA 134	2	Iron ballast block with broadarrow mark (900 mm x 150 mm x 150 mm)						
ZA 135	2	Lead fragments						
ZA 136	2	Pearlshell gorget in concretion (in 2 pieces)						
ZA 137	7	Cowrie shell in concretion						
ZA 138	7	17 mm lead shot						
ZA 139	7	35 mm round shot and Cu sheathing nails in concretion						
ZA 140	7	Cu sheet with square hole (hole 40 mm x 40 mm)						
ZA 141	7	Wrought iron ring (100 mm x 20 mm thick) and thimble in concretion						
ZA 142	7	Mould of iron fastening (19 mm x 19 mm ) in concretion						
ZA 143	7	40 mm Cu sheathing nails (2) in concretion						
ZA 144	7	remains of iron straping in concretion						
ZA 145	10	4 pounder iron cannon						
ZA 146	12	Brass candle stick (incomplete)						
ZA 147	2	Cu alloy forelock bolt (130 mm x 17 mm)						
ZA 148*		remains of rudder (Fiji Museum)						
ZA 149*		Copper cauldron (Norfolk Island Museum)						
ZA 150*		Old plan anchor						
ZA 151*		4 pounder iron cannon						
ZA 152*	1	4 pounder iron cannon (Len Brown's house - Pitcairn Island)						
ZA 153*		swivel gun (Village square at Adamstown - Pitcairn Island)						
ZA 154*		Swivel gun (Museum - Pitcairn Island)						
ZA 155*		Pig jaw in concretion - (Museum - Pitcairn Island)						
ZA 156*		Pierced copper section with riveted loop (lantern frag?) Charles Christian collection						

## SURVEY OF OENO ISLAND

From the December 28<sup>th</sup> 1998 to Jan 4<sup>th</sup> 1999 the candidate accompanied the Pitcairn Islanders to the island of Oeno, 85 miles to the north-east of Pitcairn. Over half the population of Pitcairn was involved in the expedition and travelled in the island's two motor boats. In the past, Oeno has served as an abundant source of food for Pitcairn, however the island has also been of considerable importance as a source of cultural material resulting from several shipwrecks on the reef. The earliest recorded shipwreck on Oeno Island is the clipper ship *Wildwave* in 1858, followed by *Khandeish* in 1875, *Oregon* in 1883, *Bowden* in 1893 and *St James* in 1918. Although these wrecks are all outside the study period they represent a source of material which could potentially be confused with remains from the *Bounty*. The visit to Oeno Island therefore provided a unique opportunity to identify material from these wrecks. Details of ships wrecked in the Pitcairn group are listed in Appendix C.2. Figure 1 is a plan of Oeno Island showing the location of artefacts referred to in the following section.

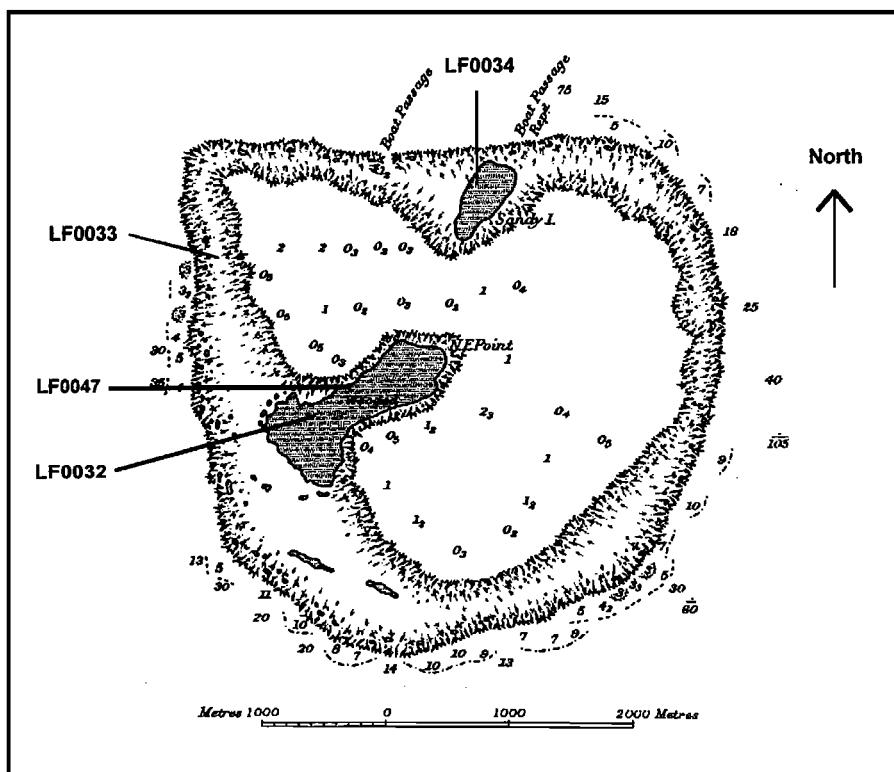


Figure 1 Plan of Oeno Island with location of LF0032, LF0033, LF0034 and LF0047 indicated (based on Chart BA 987).

**LF0032 Spar - Oeno**

LF0032 is located on the northern side of the island approximately 300 m west of the Pitcairner camp and derives its name from the discovery of a ship's spar on the beach at this place (Warren, M. 1999, pers.comm.).

**LF0033 Chain – Oeno**

LF0033 is located on the reef at the outer edge of the Oeno lagoon and is most clearly marked by a large mound of iron chain. This is clearly visible from the beach on the northern side of the island and the area is named after this feature. The area is accessible at low water and a survey located three anchors, ballast stones, iron frames, as well as fragments of yellow metal sheathing, sheathing nails and two copper alloy round-head bolts. Local tradition maintains that this is the wreck of the *Bowden*.

**LF0034 St James –Oeno**

Ford (1996:175) states that the *St James* was 1536 tons, owned by the Alaska Barge Company and at the time of wrecking the vessel was *en route* from Vancouver to South Africa with a cargo of lumber. A small amount of timber from a wreck was also found at LF0034 and by association, is believed to be from the *St James*. This appears to be Douglas Fir (*Pseudotsuga menziesii*). One small piece of timber was found with yellow metal sheathing and a sheathing nail intact. The nail was used for comparative analysis with copper alloy nails found at the Adamstown sites.

**LF0047 Headstone of Captain Thomas Knowles**

LF0047 is situated in the coconut palms between the current Pitcairner camp and the lagoon and consists of a simple marble headstone laying face up on the sand. The headstone is associated with the brother of Captain Josiah Knowles of the *Wild Wave* and is the most tangible evidence of the wreck of the *Wild Wave* at Oeno Island.

**LF0048**

LF0048 consists of a single sheet of copper alloy sheathing with nails, recovered from Ducie Island by Pawl Warren and provided to the candidate for help in analysis of artefacts collected at Pitcairn. Nails from LF0048 were analysed with nails from Adamstown sites.

## DETAILS OF VESSELS WRECKED IN THE PITCAIRN ISLANDS

<b>Wrecked</b>	<b>Name</b>	<b>Vessel details</b>
1790	<i>Bounty</i>	215 ton wooden ship, A/Lieutenant Fletcher Christian.
1858	<i>Wildwave</i>	Wooden clipper ship, Capt. Josiah N. Knowles, in ballast from San Francisco.
1875	<i>Cornwallis</i>	1,214 ton iron ship, Capt. James Hammond Balfour, Williamson and Co.
1875	<i>Khandeish</i>	1,009 ton iron ship, Capt. John Skelly Nicholson and Co., en route San Francisco – Liverpool.
1881	<i>Acadia</i>	697 ton schooner, Capt. George Stevens Crow, Bogart and Co., en route San Francisco – Cork.
1883	<i>Oregon</i>	American bark, Capt. Hardy
1893	<i>Bowden</i>	Capt. Law, en route San Francisco – Queenstown.
1918	<i>St. James</i>	1,536 ton wooden 3 masted schooner Alaska Barge Co., en route Vancouver – South Africa.