Epoch	*Age kBP*	*MI Stage*	*Traditional stage (Britain)*	*Climate*
Holocene	Present–10,000	1	Flandrian	Warm — full interglacial
Late Pleistocene	25,000	2	Devensian	Mainly cold; coldest in MI Stage 2 when Britain depopulated and maximum advance of Devensian ice sheets; occasional short-lived periods of relative warmth ("interstadials"), and more prolonged warmth in MI Stage 3.
	50,000	3		
	70,000	4		
	110,000	5a–d		
	125,000	5e	Ipswichian	Warm — full interglacial
Middle Pleistocene	190,000	6	Wolstonian complex	Alternating periods of cold and warmth; recently recognised that this period includes more than one glacial–interglacial cycle; changes in faunal evolution and assemblage associations through the period help distinguish its different stages.
	240,000	7		
	300,000	8		
	340,000	9		
	380,000	10		
	425,000	11	Hoxnian	Warm — full interglacial
	480,000	12	Anglian	Cold — maximum extent southward of glacial ice in Britain; may incorporate interstadials that have been confused with Cromerian complex interglacials
	620,000	13–16	Cromerian complex and Beestonian glaciation	Cycles of cold and warmth; still poorly understood due to obliteration of sediments by subsequent events
	780,000	17–19		
Early Pleistocene	1,800,000	20–64		Cycles of cool and warm, but generally not sufficiently cold for glaciation in Britain

Table 1. British Quaternary timescales and nomenclature.

Marine Isotope Stages	Archaeology	Marine sediments	Terrestrial/estuarine sediments	Contained Palaeoenvironmental indicators
5	None known	Pagham Raised Beach		Molluscs, forams/ostracods
6	?None known		Portfield Channel	Pollen, plant macros, molluscs, mammals, insects
7	Rare	Brighton-Norton Raised Beach	West Street Channel Lifeboat Station Channel	Forams/ostracods, molluscs Pollen, forams/ostracods, mammals, plant macrofossils
8	Presence			
9	Common	?Aldingbourne Raised Beach?	West Wittering Channel	Pollen, plant macrofossils, molluscs, mammals
10	Common			
11	Very common	?Aldingbourne Raised Beach?	Earnley Channel	Forams/ostracods, molluscs
12	Rare			
13	Presence	Goodwood-Slindon Raised Beach		Pollen, forams/ostracods, mammals, plant macrofossil, molluscs

Table 2. Quaternary Stratigraphy of the West Sussex Coastal Plain.

Site No.	Site Name	Site Code	Northing	Easting	Stratigraphic description
1	Havant	HAVANT	473600	107300	Marine sands beneath solifluction deposits
2	Warblington	WAB 05	472990	105300	Marine sands beneath solifluction deposits and cold stage lacusterine sediments
3	Brinkman's Estate	BFE 05	482380	104800	Solifluction deposits
4	Southbourne Farm Shop	SFS 05	477119	105518	Solifluction deposits
5	Little Deep	LD 05	475720	104905	Solifluction deposits
6	Thorney Island	THI	476150	103350	Solifluction deposits and marine sands
7	Portfield Pit, Westhampnett East	PP	488750	105750	Marine sands, buried landsurface and low energy silts beneath solifluction deposits and Chichester Fan Gravels
8	Norton Farm	NF	492570	106380	Marine sands beneath solifluction deposits
9	West Wittering Channel	West Witt	477500	97500	Fluvial gravels and fine grained channel fills
10	Aldingbourne Park Pit	APP	493070	107005	Marine sands and gravels beneath solifluction
11	Pear Tree Knap	PTK 06	491140	106895	Marine sands and gravels beneath solifluction
12	Earnely Channel	ERN 05	482549	94785	Clay-silts in channel
13	Selsey, West Street	WSS	484500	92900	Marine sands, estuarine clays and terrestrial silts above gravels in channel
14	Ella Nore Point	ENP	477500	99370	Fluvial gravels beneath brickearth
15	Woodend Farm	WEF 05	491460	103120	Solifluction deposits
16	Woodhorn Farm	WHF 05	491120	104400	Marine sands beneath solifluction deposits
17	Bognor Regis Cemetery	BRC05	492946	99878	Solifluction deposits
18	Bersted	BER 05	492140	101330	Solifluction deposits
19	Pagham water Treatment Plant	PWT 06	488360	98905	Marine sands beneath brickearth
20	Manor Farm Caravan Park	MFCP 06	489140	98825	Marine sands beneath brickearth
21	Sefter Farm	SEF 05	489270	99770	Marine sands beneath brickearth
22	Brook's Field South	BFS	490890	106950	Marine sands beneath brickearth
23	King George's Playing Fields	KGF 05	496040	100040	Solifluction deposits beneath marine sands
24	Chalcroft Nurseries	CHL	491710	100640	Marine sands beneath brickearth
25	East Wittering Channel	EWC	480100	96500	Fluvial gravels in channel
26	Yapton	YRC 05	500360	101970	Marine sands beneath brickearth
27	Butlins Hotel, Bognor Channel	BHB	494520	99180	Estuarine clays and silts in channel
28	Portslade	PS	525500	105300	Marine sands beneath solifluction deposits
29	Angmering	ANG	507890	104040	Marine sands beneath solifluction deposits
30	Yeoman's Road	YEO	511095	104027	Marine sands beneath brickearth
31	Thistle Hotel, Brighton	THB	530640	104090	Marine sands beneath solifluction deposits
32	Cams Hall	CAMS03	459160	105640	Terrace 2 gravels
33	Solent Breezes	SB03	457000	103700	Terrace 2 gravels
34	Chilling	CHILL03	451010	104690	Terrace 3 gravels overlain by brickearth
35	Hook	HOOK03	452360	105590	Terrace 4 and Terrace 5 gravels
36	Alma Road	AR03	436790	120950	Terrace 1 gravels
37	Hunt's Farm Sports Ground	HUF03	434710	125130	Terrace 1 gravels

Site No.	Site Name	Site Code	Northing	Easting	Stratigraphic description
38	Whiteknap Open Space	WNP03	436790	120950	Terrace 4 gravels
39	Ridge Quarry	RIDGE03	434200	118280	Terrace 6 gravels
40	Mottisfont Field	MTF03	432460	128410	Terrace 5 gravels
41	Great Copse	GTC03	432100	128380	Terrace 7 gravels
42	Yew Tree Cottage	YTC03	431720	128370	Terrace 8 gravels
43	Spearywell Wood	SPW03	431300	120837	Terrace 8 gravels
44	Rugby Camp sports field, Portsmouth	RC05	466148	103434	Brickearth overlying solifluction deposits
45	Milton Cemetery, Portsmouth	MC05	466495	100301	Terrace 2 sands
46	Exbury	EX05	442500	99850	Taddiford Farm Gravel (Allen and Gibbard, 1993) / Stanswood Bay Gravel (Westaway et al., 2006)
47	Great Styles Wood	GSW05	444140	106050	Fluvial gravel overlain by Holocene saltmarsh deposits and slopewash
48	St. Leonard's Farm	SLF05	440743	97841	Organic deposit within Lepe Gravel
49	Pennington	PENN03	431650	92690	Pennington Gravel
50	Lepe	LEPE03	445782	98472	Lepe Gravel and Stone Point organic deposit
51	Stanswood Bay	ST03	447350	100370	Stanswood Bay Gravel
52	Badminston Farm	BF03	447200	102200	Toms Down Gravel
53	Barton-on-Sea	BOS03	423010	93110	Old Milton Gravel
54	Warren Farm	WARF03			Terrace 5 gravels
55	Upper Broomhurst Farm	UBF03			Arun Terrace 4 gravels

Table 3. Sites investigated in the PASHCC project.

	Goodwood/Slindon RB				Aldingbourne RB		Selsey Channels			Brighton/Norton RB							
	SW	BX	VAL	TC	ALD	ERN	WS 1	WS 2	WW	PTS	YR	PP	NF	WF	OV	WAB	HAV
Ammonia falsobeccarii	x	x	x	x	x		x										
Elphidium fichtellianum		x	x														
Aubignyna perlucida		x	x	x	x	x		x									
"Rosalina margareli"		x	x			x	x										
Elphidium crispum		x	x	x	x												
Nonionella sp. A					x												
Ammonia batavus (large/ornate)					x	x	x		x								
Elphidium clavatum										x	x	x	x	x	x	x	x
Elphidium albiumbilicatum											x	x	x		x	x	x
Cassidulina reniformis										x	x	x	x	x	x	x	x
Ammonia batavus (dwarf)										x	x	x	x	x	x	x	x
Elphidium fichtellianum (dwarf)										x	x	x	x	x			x
***Ammonia* sp. (large, reworked)**											x	x	x	x	x		x
***Elphidium crispum* (reworked)**										x	x						

MARINE PLEISTOCENE FORMAINIFERA

Species in ***bold italics*** – NOT part of the modern British fauna, but toda' with "southern" affinities

Species in *plain italics* – species restricted to southernmost Britain today, and further south

Species in ***bold italics*** – NOT part of the modern British fauna, but today live further north in Europe

Species in green - species at the limit of their range dwarfed by cold conditions

Species in purple - species reworked from older marine deposits (specimens broken and rolled)

Species in inverted commas (" ") remain to be formally described

Table 5. Key marker Foraminifera from selected sites investigated in the PASHCC project.

	Goodwood/Slindon RB				Aldingbourne RB		Selsey Channels			Brighton/Norton RB								Pagham RB	Holocene
	BXG	VAL	TC	SW	ERN	ALD	ES	WS 1	WS 2	THB	PTS	YR	PP	NF	WF	WAB	HAV	CHL	BUT
"Semicytherura robertsi"	x	x		x															
Loxoconchella sp.		x		x															
Leptocythere steynewoodensis	x	x		x															
Callistocythere curryi	x	x			x	x	x	x											
Leptocythere cribrosa					x	x	x												
Leptocythere fabaeformis					x														
Semicytherura arcachonensis					x		x												
Heterocythereis cf. *reticulata*									x										
Aurila cf. *prasina*					x				x										
Aurila convexa					x	x	x	x	x										x
Carinocythereis whitei					x		x	x											x
Loxoconcha malcomsoni					x				x										x
Bassilerites teres							x		x										
Baffinicythere howei	x	x		x															
Finmarchinella finmarchica	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x		x	
Finmarchinella angulata	x	x			x				x	x	x	x	x		x		x	x	
Hemicythenura clathrata	x	x	x	x	x	x				x	x	x	x	x	x	x	x	x	
Robertsonites tuberculatus	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			x	
Semicytherura undata	x	x			x	x	x					x	x	x	x		x	x	
Semicytherura affinis	x	x		x									x				x		
Roundstonia globulifera													x	x					
Kangarina sp.													x	x					
Elofsonella concinna													x						
Sarsicytheridea bradii													x	x					

MARINE PLEISTOCENE OSTRACODS

Species in ***bold italics*** – NOT part of the modern British fauna, but with "southern" affinities

Species in *plain italics* – species restricted to southernmost Britain today, and further south

Species in ***bold italics*** – NOT part of the modern British fauna, but today live further north in Europe

Species in *plain italics* – species restricted to northern Britain today, and further north

Species in inverted commas (" ") remain to be formally described

Table 6. Key marker Ostracoda from selected sites investigated in the PASHCC project.

FRESHWATER OSTRACODS	BXG		VAL	SW	ALD		LS	CR	NF		PP					PTS		THI	CH		WAB		KGF	WEF	BER	CHL	
	SSPF	SS			Tang	PTK			Silts	BH1, 2	Unit 1	Unit 2	Unit 4	Unit 5	PP/03	2005	Chap		Thorney	Coniger	TP 1	BH 3				Tp 1, 2	2006
Scordiscia marinae		x	x																								
Ilyocypris quinculminata	x	x		x																							
Ilyocypris papillata		x																									
Cavernocypris subterranea	x										x								x								
Potamocypris zschokkei	x	x	x							x	x								x								
Cyclocypris ovum/laevis		x						x					x				x		x			x					
Eucypris pigra						x		x	x										x								
Cypridopsis vidua							x				x																
Herpetocypris reptans	x		x							x			x				x										
Heterocypris salina							x		x	x																	
Limnocythere inopinata		x	x								x						x										
Prionocypris zenkeri	x		x		x				x		x						x		x								
Paralimnocythere compressa		x	x						x						x			x				x					
Ilyocypris gibba/bradyi	x	x	x		x		x	x	x	x	x	x	x	x	x	x			x	x		x		x	x	x	x
Candona neglecta	x	x	x	x	x		x	x	x	x	x	x	x	x				x	x	x	x	x	x	x	x	x	x
Candona angulata							x																				
Pseudocandona marchica									x				x	x	x									x			
Nannocandona faba													x														
Cytherissa lacustris		x	x															x		x	x	x	x				
Limnocytherina sanctipatricii		x				x		x										x	x	x	x	x	x	x	x	x	x
"Leucocythere batesi"					x	x				x	x			x				x		x	x	x	x	x		x	x
Limnocythere falcata						x																				x	x
Amplocypris tonnensis						x																					
Fabaeformiscandona balatonica						x																					
Candona candida									x			x	x	x	x		x	x	x	x		x	x	x	x	x	x

BXG: Boxgrove
VAL: Valdoe
SSPF: Slindon Silts ("pond facies")
SS: Slindon Sands
SW: Steyne Wood
ALD: Aldingbourne
(Tang: Tangmere)
(PTK: Pear Tree Knap)

LS: Lifeboat Station
CR: Coney Road
NF: Norton Farm
PP: Portfield Pit
PTS: Portslade
(Chap: Chapman, 1899;1900)

THI: Thorney Island
WAB: Warblington
CH: Chichester Harbour
(Thorney: Thorney Island BH1)
(Coniger: Coniger Point BH1)
KGF: King George's Fields
WEF: Woodend Farm
BER: Bersted
CHL: Chalcroft Nurseries

Species in inverted commas (" ") remain to be formally described

Cold/cool indicators

Table 8. Cold stage ostracod faunas from the West Sussex Coastal Plain.

Allen *et al.* (1996) age model	**Bridgland (1996, 2001) age model (MIS)**	**Allen (1991) stratigraphy**	**Westaway *et al.* (2006) revised stratigraphy**	**Westaway *et al.* (2006) age model (MIS)**
Devensian	5d-2	Pennington Upper Gravel	St Leonards Farm Gravel (upper)	4-2
Ipswichian	5e	Pennington Marshes Organic Deposit	Pennington Marshes Organic Deposit	5e
Wolstonian (MIS 6)	6	Pennington Lower Gravel	St Leonards Farm Gravel (lower)	Late 6
Wolstonian (MIS 6)	6	Lepe Upper Gravel	St Leonards Farm Gravel (upper)	5d
MIS 7	7a	Stone Point Organic Deposit	Stone Point Organic Deposit	5e
Pre-MIS 7	? 7b-e	Lepe Lower Gravel	St Leonards Farm Gravel (lower)	Late 6
	? 7b-e	Milford-on-Sea Gravel	Milford-on-Sea Gravel	? 6
	8	Stanswood Bay Gravel	Stanswood Bay Gravel	7b
	9	Taddiford Farm Gravel		
	10	Tom's Down Gravel	Downton / Tom's Down Gravel	8
			Beckton Farm Gravel	9b
	11	Old Milton Gravel	Old Milton Gravel	10
	12	Mount Pleasant Gravel	Mount Pleasant Gravel	12
	13	Setley Plain Gravel	Setley Plain Gravel	13

Table 9. Age and stratigraphic models suggested for fluvial gravel aggradations in the Western Solent region. The discrepancy between the two stratigraphic schemes is due to the use of different gradients for projection along the Solent and position of stratotype locations at opposite ends of these.

PASHCC stratigraphy and age attributions.		**Westaway *et al.* (2006) stratigraphy**	**Assigned Marine Isotope Stage or sub-Stage (Westaway *et al.*, 2006)**
Terrace 1 (MIS 2-5d)		Broadlands Farm Gravel	2
Terrace 2 (MIS 7)		Hamble Gravel	6
Terrace 3		Mottisfont Gravel (north-west of Netley)	8
		Belbin Gravel (south-east of Netley)	10
Terrace 4		Belbin Gravel	10
Terrace 5		Mallards Moor Gravel (south-east of Itchen)	12
		Ganger Wood Gravel (north-west of Itchen)	
Terrace 6		Nursling Gravel	13b
Terrace 7		Bitterne Gravel (mostly south-east of the Itchen)	14
		Rownhams Farm Gravel (north-west of the Itchen)	15b
Terrace 8		Rownhams Farm Gravel (in places throughout)	15b
		Midanbury Gravel (near Sarisbury)	16
		Castle Hill Gravel (north Southampton)	18
Terrace 9		Castle Hill Gravel (north-east of Netley)	18
		Toot Hill Gravel (in places north-west of the Itchen)	22
		Netley Hill Gravel (north of Netley	22
		West End Gravel (at West End)	26
Terrace 10	T10 (E&F, 1987)	Toot Hill Gravel (near Chilworth)	22
		West End Gravel (at West End)	26
		Lordswood Lane Gravel (near Chilworth)	26
	T11 (E&F, 198)	Chilworth (near Chilworth)	36

Table 10. Comparison of the stratigraphy in the PASHCC Eastern Solent / Test Valley GIS with a previously suggested age model for the Eastern Solent / Test Valley from Westaway *et al.* (2006). Ages suggested in the PASHCC model are explained further in Table 4. It should be noted that the original British Geological Survey mapping does not suggest age attributions for this terrace sequence.

Zone number	Area km2	Boreholes	PASHCC investigation sites	PASHCC archaeological archive sites
1	2.00	0	1	0
2	0.53	0	0	0
3	10.07	24	1	0
4	3.07	2	0	0
5	3.69	0	0	0
6	10.00	0	0	3
7	18.61	16	1	1
8	3.38	0	0	0
9	21.97	91	1	2
10	7.37	2	0	0
11	2.64	5	0	0
12	0.48	2	0	0
13	13.10	49	0	1
14	0.64	0	0	0
15	19.24	29	0	7
16	6.66	27	3	0
17	8.85	15	2	0
18	22.42	36	1	0
19	5.04	14	0	1
20	30.40	36	3	0
21	2.87	0	0	0
22	12.24	13	0	1
23	8.57	25	0	0
24	26.69	174	2	0
25	27.39	28	5	1
26	9.01	14	2	1
27	4.10	0	0	0
28	7.64	11	0	1
29	0.70	8	1	1
30	20.99	78	0	4
31	1.75	0	3	0
32	5.15	0	0	0
33	17.29	0	3	0
34	68.12	7	2	0
35	2.36	0	0	0
36	6.93	1	0	0
37	5.80	3	0	0
38	14.81	0	0	0
39	53.33	17	1	1
40	2.99	0	0	0
41	1.26	0	0	0
42	1.99	0	0	0
43	5.40	1	0	0
44	44.27	32	0	2
45	4.14	0	0	0
46	26.14	0	0	0
47	3.10	3	0	0
48	8.48	0	0	0
49	20.84	0	0	0
50	5.45	0	0	0
51	46.85	0	0	0
52	6.66	8	3	0
53	4.89	0	0	0

Zone number	Area km2	Boreholes	PASHCC investigation sites	PASHCC archaeological archive sites
54	3.15	2	0	0
55	5.17	0	0	0
56	9.41	0	0	0
57	33.36	24	3	28
58	13.38	5	1	1
60	45.50	0	1	0
61	11.20	2	0	0
62	2.27	0	0	0
63	5.60	0	0	0
64	8.49	1	0	0
65	8.07	3	0	0
66	16.98	0	0	4
67	23.20	0	0	2
68	2.36	0	0	0
69	12.30	0	0	1
70	21.37	15	0	3
71	43.44	0	0	0
72	22.61	1	0	0
73	1.75	5	0	0
74	24.26	32	3	7
75	16.32	0	0	0
76	3.66	7	0	0
77	17.80	15	0	0
78	2.66	2	0	0
79	57.67	24	1	3
80	2.67	19	1	1
81	10.22	14	0	0
82	10.93	0	0	0
83	8.55	1	0	0

Table 11. Geoarchaeological zones showing total area (km2), numbers of boreholes, PASHCC investigation sites and archaeological archive sites.

Pleistocene stratigraphy	No. sites	PASHCC site-no.'s	Handaxes	Flake-tools	Levallois	Cores	Debitage	Total
GOODWOOD-SLINDON RAISED BEACH	9	13, 38, 57, 58, 59, 85, 88, 94	106	15		8	252	**381**
* Boxgrove		99	c. 600	c. 25		c. 10	c. 8,000	**c. 8635**
SEALED UNDER COLLUVIUM (RED BARNS)	1	100	19	7	1	3	1961	**1991**
CHICHESTER FAN GRAVEL	3	1, 89, 98	3					**3**
SELSEY CHANNEL	1	90	2		1			**3**
PAGHAM/ MERSTON RB	2	84, 91	2					**2**
BRICKEARTH OVERLYING PAGHAM/ MERSTON RB	2	80, 81	2					**2**
ARUN, T 3	1	92	1					**1**
E SOL, T 2	1	64	2					**2**
C-W-FLINTS?	2	27, 68	3					**3**
DERIVED? SOLIFLUCTION?	4	5, 17, 39, 65	4				1	**5**
**** Total**	**24**		**125**	**15**	**1**	**8**	**253**	**402**

Table 14. Lithostratigraphic sites and finds summary from West Sussex Coastal Plain (West).

* Rough pre-publication estimate provided for Boxgrove excavations — the precise figure for debitage is very dependent upon what size cut-off is taken. If one includes the myriad tiny chips and spalls, then the quantity is well into 5 figures

** Totals exclude Boxgrove and Red Barns assemblages which result from extensive open area hand excavations, and therefore the quantities of figures are not comparable with the other material resulting from intermittent collection and chance finds

Pleistocene stratigraphy	No. sites	PASHCC site-no.'s	Handaxes	Flake-tools	Levallois	Cores	Debitage	Total
C-W-FLINTS?	3	87, 93, 95	3					**3**
BRIGHTON-NORTON RB	2	2, 7	2					**2**
POST-ALDINGBOURNE R-B & BRICKEARTH OVER B-N R-B	4	25, 44, 96, 97	4					**4**
ADUR, T 1	1	82	1					**1**
SOLIFLUCTION?	4	3, 18, 83, 86	6					**6**
Total	**14**		**16**					**16**

Table 16. Lithostratigraphic sites and finds summary from West Sussex Coastla Plain (East).

Pleistocene stratigraphy	No. sites	PASHCC site-no.'s	Handaxes	Flake-tools	Levallois	Cores	Debitage	Total
E SOL, T 6	1	37	26	-	-	-	1	**27**
E SOL, T 5	1	71	115	1	1	-	69	**186**
E SOL, T 4	4	4, 6, 26, 31	169	1	5	-	4	**179**
?	2	42, 43	8			-		**8**
E SOL, T1 (La Sagesse)	1	102	-	31	-	42	1524	**1597**
*** Total**	**8**		**318**	**2**	**6**	**-**	**74**	**400**

Table 18. Lithostratigraphic sites and finds summary from Test Valley (Romsey).
Totals exclude La Sagesse assemblage which result from extensive open area hand excavations, and therefore the quantities of figures are not comparable with the other material resulting from intermittent collection and chance finds.

Pleistocene stratigraphy	No. sites	PASHCC site-no.'s	Handaxes	Flake-tools	Levallois	Cores	Debitage	Total
E SOL, T 8	1	29	1					**1**
E SOL, T 4-8	1	61	19					**19**
E SOL, T 6-7	1	62	1					**1**
E SOL, T 3-6	1	10	2					**2**
E SOL, T 4-5	1	22	1					**1**
E SOL, T 4	8	12, 16, 20, 36, 47, 49, 55, 60	154	2		1	2	**159**
E SOL, T 3-4	8	34, 40, 46, 50, 51, 52, 54, 79	92				4	**96**
E SOL, T 3	12	9, 14, 28, 32, 33, 35, 48, 53, 66, 75, 76, 78	75		2	1	1	**79**
E SOL, T 2-3	2	15, 72	164	5	8	1	2	**180**
E SOL, T 2	8	11, 19, 23, 24, 56, 69, 73, 74	37		2		1	**40**
E SOL, T 1	4	30, 41, 67, 70	10					**10**
?	1	63	2					**2**
Total	**48**		**558**	**7**	**12**	**3**	**10**	**590**

Table 20. Lithostratigraphic sites and finds summary from Eastern Solent, (Southampton).

Number	Unique zone number
Geomorphological context	Text description of geomorphological context and topographic situation
Bedrock (as mapped by BGS)	Text description of bedrock as derived from the BGS mapping
Superficial sediments (as mapped by BGS)	Text description of the superficial sediments as derived from the BGS mapping
Superficial sediments (as mapped/ identified by PASHCC)	Text description of the superficial sediments as derived from PASHCC work through boreholes and test pits etc.
Summary of Palaeolithic artefactual and zoological remains	Text description of artefactual remains as derived from English Rivers (Southern Rivers) Palaeolithic Projects and PASHCC artefact collection review
Geological periods	Pre-Anglian Anglian Hoxnian/Saalian Last interglacial Devensian Holocene
Palaeolithic periods	Lower/Middle Palaeolithic (750,000-125,000 BP) British Mousterian (125,000-40,000 BP) Upper Palaeolithic (40,000-10,000 BP)
Density of sites/km	Number of sites per km^2 derived from calculation in GIS
Abundance of sites	Derived from calculations in GIS
Intensity of investigation	Qualitative descriptions based on PASHCC data: None Low Moderate High
Degree of disturbance	Qualitative descriptions based on PASHCC data: Residual Always very disturbed Sometimes little disturbed Usually/always little or undisturbed
Palaeolithic character	Qualitative descriptions based on PASHCC data: Undiagnostic Clactonian Acheulian Levallois Mousterian
Stratigraphic range of artefacts	Qualitative descriptions based on PASHCC data: No deposits Just one deposit Two deposits Three or more deposits
Abundance/diversity of zoological remains	Qualitative descriptions based on PASHCC data: None Some Many
Likely importance/ potential	Qualitative descriptions based on PASHCC data: None Low Medium High Unknown *(flags up the likelihood of finding important Palaeolithic and/or zoological remains)*
Possible importance	Text description *(flags up the unlikely but highly significant possibilities, such as pre-Anglian evidence in high-level gravels or within last interglacial sequences)*
Key research questions	List in relation to national/regional research questions
Key approaches to investigation	List of approaches including: Geophysical survey Boreholes Stratigraphic recording Environmental sampling Sieve-sampling for artefacts Open area excavation Watching brief for Pleistocene deposits and/or Palaeolithic archaeological remains

Table 22. Information supplied for individual zones tabulated in GIS.

Site No.	Site Name	Stratigraphic description	Dating		Palaeoenvironmental					
			OSL	AAR	F/O	Pollen	Plant macros	Insects	Molluscs	Verts
1	Havant	Marine sands beneath solifluction deposits			x					
2	Warblington	Marine sands beneath solifluction deposits and cold stage lacusterine sediments	x		x	x	x	x		
3	Brinkman's Estate	Solifluction deposits								
4	Southbourne Farm Shop	Solifluction deposits								
5	Little Deep	Solifluction deposits								
6	Thorney Island	Solifluction deposits and marine sands			x					
7	Portfield Pit, Westhampnett East	Marine sands, buried landsurface and low energy silts beneath solifluction deposits and Chichester Fan Gravels	x	x	x	x	x	x	x	x
8	Norton Farm	Marine sands beneath solifluction deposits	x	x	x	x			x	x
9	West Wittering Channel	Fluvial gravels and fine grained channel fills	x	x	x		x	x	x	x
10	Aldingbourne Park Pit	Marine sands and gravels beneath solifluction								
11	Pear Tree Knap	Marine sands and gravels beneath solifluction	x		x					
12	Earnely Channel	Clay-silts in channel			x	x	x		x	
13	Selsey, West Street	Marine sands, estuarine clays and terrestrial silts above gravels in channel	x	x	x	x	x		x	x
14	Ella Nore Point	Fluvial gravels beneath brickearth								
15	Woodend Farm	Solifluction deposits	x		x				x	
16	Woodhorn Farm	Marine sands beneath solifluction deposits	x		x					
17	Bognor Regis Cemetery	Solifluction deposits							x	

Site No.	Site Name	Stratigraphic description	Dating		Palaeoenvironmental					
			OSL	AAR	F/O	Pollen	Plant macros	Insects	Molluscs	Verts
18	Bersted	Solifluction deposits			x					
19	Pagham water Treatment Plant	Marine sands beneath brickearth	x		x					
20	Manor Farm Caravan Park	Marine sands beneath brickearth			x					
21	Sefter Farm	Marine sands beneath brickearth								
22	Brook's Field South	Marine sands beneath brickearth								
23	King George's Playing Fields	Solifluction deposits beneath marine sands			x					
24	Chalcroft Nurseries	Marine sands beneath brickearth	x		x					
25	East Wittering Channel	Fluvial gravels in channel								
26	Yapton	Marine sands beneath brickearth							x	
27	Butlins Hotel, Bognor Channel	Estuarine clays and silts in channel			x	x	x		x	
28	Portslade	Marine sands beneath solifluction deposits			x	x			x	
29	Angmering	Marine sands beneath solifluction deposits			x				x	x
30	Yeoman's Road	Marine sands beneath brickearth		x	x					
31	Thistle Hotel, Brighton	Marine sands beneath solifluction deposits		x	x				x	
32	Cams Hall	Terrace 2 gravels								
33	Solent Breezes	Terrace 2 gravels	x							
34	Chilling	Terrace 3 gravels overlain by brickearth	x (brickearth)							
35	Hook	Terrace 4 and Terrace 5 gravels	x (T5)							
36	Alma Road	Terrace 1 gravels				x (sparse)				
37	Hunt's Farm Sports Ground	Terrace 1 gravels	x							
38	Whiteknap Open Space	Terrace 4 gravels								
39	Ridge Quarry	Terrace 6 gravels	x							

Site No.	Site Name	Stratigraphic description	Dating		Palaeoenvironmental					
			OSL	AAR	F/O	Pollen	Plant macros	Insects	Molluscs	Verts
40	Mottisfont Field	Terrace 5 gravels								
41	Great Copse	Terrace 7 gravels								
42	Yew Tree Cottage	Terrace 8 gravels	x							
43	Spearywell Wood	Terrace 8 gravels	x							
44	Rugby Camp sports field, Portsmouth	Brickearth overlying solifluction deposits								
45	Milton Cemetery, Portsmouth	Terrace 2 sands								
46	Exbury	Taddiford Farm Gravel (Allen and Gibbard, 1993) / Stanswood Bay Gravel (Westaway et al., 2006)	x							
47	Great Styles Wood	Fluvial gravel overlain by Holocene saltmarsh deposits and slopewash								
48	St. Leonard's Farm	Organic deposit within Lepe Gravel				x	x	x		
49	Pennington	Pennington Gravel	x	x						
50	Lepe	Lepe Gravel and Stone Point organic deposit	x	x	x	x	x	x	x	
51	Stanswood Bay	Stanswood Bay Gravel	x							
52	Badminston Farm	Toms Down Gravel	x							
53	Barton-on-Sea	Old Milton Gravel	x							
54	Warren Farm	Terrace 5 gravels								
55	Upper Broomhurst Farm	Arun Terrace 4 gravels	x							

Table 4. Sites investigated in the PASHCC works and dating and palaeoenvironmental samples obtained.

Region	Site & stratigraphy	Sample code	Lab code	Approx date (ka)	MIS Stage	Comments
Test Valley	Yewtree Cottage (PASHCC - T8)	YTC03-01	X1734	> 200 ka	None attributed	Fluvial gravels of Test / Solent Terrace 8[1]
	Spearywell Woods (PASHCC - T8)	SPW03-01	X1735	11 ± 1.7	MIS 1	Fluvial gravels of Test / Solent Terrace 8[2]
	Ridge (T6)	RIDGE03-01 RIDGE03-02	X1575 X1576	413 ± 26 280 ± 19	MIS 11-8	Fluvial gravels of Test / Solent Terrace 6[3]
	Timsbury (T1)	HUF03-01	X1577	69 ± 5	MIS 4	Fluvial gravels of Test / Solent Terrace 1 – entire terrace may span full Devensian Stage (MIS 5d – 2)
Western Solent	Barton-on-Sea (Old Milton Gravel)	BOS03-01 BOS03-03 BOS03-05 BOS03-07	X1806 X1808 X1810 X1812	384 ± 34 648 ± 65 355 ± 23 288 ± 42	MIS 17-8	Fluvial gravels of the Old Milton Gravel[4]
	Badminston Farm (Tom's Down Gravel)	BF03-01 BF03-02 BF03-04 BF03-06 BF03-08	X1724 X2130 X2132 X2134 X2136	305 ± 29 534 ± 76 668 ± 82 314 ± 15 312 ± 19	MIS 9 (excluding BF03-02 and BF03-04)	Fluvial gravels of the Tom's Down Gravel[5]
	Exbury (Taddiford Farm / Stanswood Bay Gravel)	EX05-01	X2473	254 ± 18	MIS 8	Fluvial gravels assigned to the Taddiford Farm Gravel (Allen and Gibbard, 1993) or Stanswood Bay Gravel (Westaway et al., 2006)

Region	Site & stratigraphy	Sample code	Lab code	Approx date (ka)	MIS Stage	Comments
	Stanswood Bay (Stanswood Bay Gravel)	ST03-01 ST03-02 ST03-03 ST03-05 ST03-06 ST03-07	X1495 X1496 X1497 X1499 X1500 X1501	240 ± 16 249 ± 21 226 ± 20 246 ± 19 242 ± 18 242 ± 13	MIS 8-7	Fluvial gravels assigned to the Stanswood Bay Gravel
	Lepe (Lepe Upper Gravel)	LEPE03-05	X1729	57 ± 6	MIS 4	Fluvial gravels of the Lepe Upper Gravel
	Lepe (Lepe Lower Gravel)	LEPE03-01 LEPE03-02 LEPE03-03 LEPE03-04	X1725 X1726 X1727 X1728	198 ± 15 146 ± 10 141 ± 11 165 ± 14	MIS 7/6	Fluvial gravels of the Lepe Lower Gravel
	Pennington (Pennington Gravel – upper facies)	PENN03-06	X1733	48 ± 5	MIS 3	Fluvial gravels of an upper facies of the Pennington Gravel
	Pennington (Pennington Gravel – lower facies)	PENN03-01 PENN03-03	X1638 X1640	66 ± 7 94 ± 11	MIS 5d-4	Fluvial gravels of a lower facies of the Pennington Gravel
Eastern Solent	Hook (T5)	HOOK03-05 HOOK03-06	X1646 X1647	233 ± 37 292 ± 20	MIS 7/8	Fluvial gravels of Test / Solent Terrace 5[6]
	Chilling (T3)	CHILL03-01	X1648	29 ± 2.3	MIS 3	Brickearth overlying fluvial gravels of Test / Solent Terrace 3

Region	Site & stratigraphy	Sample code	Lab code	Approx date (ka)	MIS Stage	Comments
	Solent Breezes (T2)	SB03-03 SB03-04 SB03-05 SB03-06	X1481 X1482 X1483 X1484	212 ± 25 204 ± 17 231 ± 24 221 ± 20	MIS 7	Fluvial gravels of Test / Solent Terrace 2
	Red Barns	Red Barns 1 Red Barns 2	X1509 X1510	251 + 40 405 + 40	MIS 8-11	Complex sequence of deposits representing a series of depositional episodes spanning a number of climatic episodes
Isle of Wight	Priory Bay (PASHCC - T5)	PB03-01 PB03-03 PB03-05 PB03-07 PB03-09 PB03-11	X1560 X1562 X1564 X1566 X1568 X1570	41 ± 3 284 ± 29 366 ± 49 305 ± 39 216 ± 20 327 ± 22	MIS 3-9	Complex sequence of deposits representing a series of depositional episodes spanning a number of climatic episodes
	Bembridge Foreland	1 2 8 4 5 6 3 7		102.5±7.2 81.7±11.2 115.7±8.3 129.1±8.1 141.3±14.4 156.8±9.2 121.9±10.4 182.6±8.3	MIS 5b-d MIS 5e	Sequence of marine gravels and sands at base overlain by saltmarsh sediments spanning parts of an interglacial. Upper part of sequence consists of solifluction deposits from cold stage

Region	Site & stratigraphy	Sample code	Lab code	Approx date (ka)	MIS Stage	Comments
West Sussex Coastal Plain	Norton Farm (Aldingbourne Beach)	AB03-05 AB03-07 AB03-08 AB03-09 AB03-10	X1489 X1491 X1492 X1493 X1494	182 ± 26 237 ± 14 218 ± 12 231 ± 14 265 ± 24	MIS 6/7	Marine sands of Aldingbourne Raised Beach
	Pear Tree Knap	PTK -09	X2830	Min 105 ±16	Older than MIS 5	Minimum age estimate, stratigraphically comparable with AB03 sequences
	Norton Farm (B-N Beach)	BH16 6.1 – 6.55m	X1736	224 ± 27	MIS 7	Marine sands of Brighton/Norton Raised Beach
	?Norton Farm (B-N Beach)	BH2 3.5-3.95 m	X1850	148 ± 11	MIS 6	Stratigraphically comparable with X1736[7]
	Portfield Pit (B-N Beach)	PP/96 PP/95	X382 X383	> 162 ± 12 > 159 ± 11	MIS 6	Marine sands of Brighton/Norton Raised Beach
	Selsey West Street (Pagham Beach)	SEL01-1 SEL01-2	X549 X550	139 ± 11 126 ± 10	MIS 5e/6	Beach gravel ridge at Selsey (Selsey Ridge, probably equivalent to the Pagham Raised Beach)
	Pagham Water Treatment Plant	PWT06-01	X2796 X2797	124 ± 9 117 ± 9	MIS 5e	Marine sands of Pagham Raised Beach
	Chalcroft Nurseries	CHL BH 3, 3.1-3.5m	X2819	231 ±20	MIS 7	Marine sands of Pagham Raised Beach[8]
	Warblington	WAB, BH1, 6-7m	X2875	132 ±20	MIS 6/5e	Marine sands of Pagham Raised Beach
	Woodhorn Farm	WHF 05, BH1, 3-4m	X2877	68 ±7	MIS 4	Marine sands of Pagham Raised Beach[9]

	Woodend Farm	WEF 05, 4-4.75m	X2876	124 ±10	MIS 5e	Cold stage silts[10]
	West Wittering	BH4, 1-2m BH4, 2-3m BH4, 304m	X2878 X2879 X2880	164 ±13 204 ±22 189 ±16	MIS 6/7	Sands, ?fluvial, associated with channel sequences
Arun Valley	Crossbush (Terrace 4)	UBF03-01 UBF02-02	X1571 X1572	225 ± 18 184 ± 15	MIS 6/7	Fluvial gravels of Arun Terrace 4

Table 7. OSL age estimates from the PASHCC study regions.

Shaded results those of dubious significance:

[1]Sample nearing saturation – 200 ka is minimum age estimate only
[2]Sample very close to surface in sandy deposit – assumed to have been reworked during the Late Devensian
[3]Dates do not overlap and are close to limit of OSL dating, therefore it is difficult to tell which is more reliable
[4]None of these dates are considered to be reliable because they are very scattered and are approaching saturation (see Briant et al., 2006)
[5]BF03-02 and BF03-04 were rejected because they are approaching saturation and have associated large error bars (see Briant et al., 2006)
[6]Dates do not overlap and are close to limit of OSL dating, therefore it is difficult to tell which is more reliable
[7]Sediments are marine sands and cannot date to the middle of a cold stage at these elevations, also directly correlated with other sequences in the Brighton/Norton Raised Beach
[8]Sediments and sequences directly comparable with Pagham sequences adjacent to site, too low an elevation for a date in MIS 7
[9]Sediments are marine sands of Pagham Raised Beach and cannot be as young as 68ka in middle of cold stage
[10]Seidments are cold climate solifluction deposits and are unlikely to form in middle of last interglacial

Epoch	*Age kBP*	*MI Stage*	*Traditional stage (Britain)*	*Climate*	*Marine sediments (Raised Beaches)*	*Region Palaeogeographic condition*	*Local Palaeogeographic conditions*
Holocene	Present–10,000	1	Flandrian	Warm — full interglacial			Harboured coastline
Late Pleistocene	25,000	2	Devensian	Mainly cold; coldest in MI Stage 2 when Britain depopulated and maximum advance of Devensian ice sheets; occasional short-lived periods of relative warmth ("interstadials"), and more prolonged warmth in MI Stage 3.			
	50,000	3					
	70,000	4			Woodend Silts Warblington Silts		
	110,000	5a–d					
	125,000	5e	Ipswichian	Warm — full interglacial	Selsey Ridge Pagham Formation (Pagham Raised Beach)	Fully open channel. Isle of Wight/mainland ridge breeched by sea, truncated Solent system and modern tidal patterns established	Harboured coastline
Middle Pleistocene	190,000	6	Wolstonian/Saalian complex	Alternating periods of cold and warmth; recently recognised that this period includes more than one glacial–interglacial cycle; changes in faunal evolution and assemblage associations through the period help distinguish its different stages.			
	240,000	7			Norton Formation (Brighton/Norton Raised Beach) Aldingbourne Formation (Aldingbourne Raised Beach)	Fully open channel. Major Solent estuary	Open coastline
	300,000	8					
	340,000	9			?		
	380,000	10					
	425,000	11	Hoxnian	Warm — full interglacial	?	Open channel for part of interglacial. Major Solent estuary	Embayed coastline
	480,000	12	Anglian	Cold — maximum extent southward of glacial ice in Britain; may incorporate interstadials that have been confused with Cromerian complex interglacials		Channel ridge breeched	
	620,000	13–16	Cromerian complex and Beestonian glaciation	Cycles of cold and warmth; still poorly understood due to obliteration of sediments by subsequent events	Slindon Formation (Goodwood/Slindon Raised Beach)	Channel closed. Major Solent Estuary	Embayed coastline
		17–19					

	780,000						
Early Pleistocene	1,800,000	20–64		Cycles of cool and warn, but generally not sufficiently cold for glaciation in Britain			

Table 12. Summary chart for West Sussex Coastal Plain based on PASHCC results.

SHCC region	Site no.	Location	Site name	SRPP map	SRPP site	NGR (E)	NGR (N)	Acc.	Drift geology (NEW)	Hand-axes	Flake-tools	Lev	Cores	Debitage	Total artefacts
5	99	BOXGROVE	AMEY'S EARTHAM PIT	SXRB 1	7	492000	108500	A	GOODWOOD-SLINDON R-BEACH	600	25		10	8000	8635
5	13	ALDINGBOURNE	EVERYMANS/MARSHALLS PITS	SXRB 1	8	495000	108000	A	GOODWOOD-SLINDON R-BEACH	3					3
5	38	SLINDON	PENFOLDS PIT, DANES WOOD PIT, ETC.	SXRB 1	11	497400	107500	A	GOODWOOD-SLINDON R-BEACH	2				1	3
5	57	SLINDON	SLINDON			496000	108000	G	GOODWOOD-SLINDON R-BEACH	5				4	9
5	58	SLINDON	SLINDON BOTTOM PIT	SXRB 1	13	495100	108300	A	GOODWOOD-SLINDON R-BEACH	31	15		8	247	301
5	59	SLINDON	SLINDON PIT	SXRB 1	11	497400	107500	A	GOODWOOD-SLINDON R-BEACH	1					1
5	85	FUNTINGTON	WEST STOKE	SXRB 2	6	482500	108500	G	GOODWOOD-SLINDON R-BEACH	2					2
5	88	LAVANT	MANOR FARM (SHAW COLLECTION)			485900	108300	E	GOODWOOD-SLINDON R-BEACH	60					60
5	94	TORTINGTON	WEST STUBBS COPSE PIT	SXRB 1	12	497700	107400	A	GOODWOOD-SLINDON R-BEACH	2					2
5	100	PORTSDOWN HILL	RED BARNS	SXRB 3	1	460800	106300	A	COLLUVIAL SLOPEWASH	19	7	1	3	1961	1991
5	1	CHICHESTER	12 BRANDYHOLE LANE	SXRB 2	7	485600	106700	A	CHICHESTER FAN GRAVEL	1					1

SHCC region	Site no.	Location	Site name	SRPP map	SRPP site	NGR (E)	NGR (N)	Acc.	Drift geology (NEW)	Hand-axes	Flake-tools	Lev	Cores	Debitage	Total artefacts
5	89	OVING	PORTFIELD PIT (N)			488200	105600	A	CHICHESTER FAN GRAVEL	1					1
5	98	OVING	PORTFIELD PIT (S)	SXRB 1	2	488000	104500	E	CHICHESTER FAN GRAVEL	1					1
5	80	APPLEDRAM	APPLEDRAM	SXRB 2	9	483900	103600	A	BRICKEARTH OVER NORTON SANDS	1					1
5	81	BOGNOR	ALDWICK ROAD	SXRB 1	1	490700	98700	A	DEVENSIAN BRICKEARTH? PAGHAM R-BEACH?	1					1
5	84	CLIMPING	FORD	SXR6	15	500200	102600	A	PAGHAM/MERSTON R-BEACH	1					1
5	90	SELSEY	FORE-SHORE	SXRB 2	12	484400	93000	A	PAGHAM R-BEACH OR EARLIER CHANNELS	2		1			3
5	91	SELSEY	LARGE ACRES PIT	SXRB 2	14	485200	93400	A	PAGHAM R-BEACH	1					1
5	92	SOUTH STOKE	SOUTH STOKE	SXR6	12	502600	110000	G	ARUN, T 3	1					1
5	64	PORTSMOUTH	SOUTHSEA	SXRB 3	10	465000	99000	G	E SOL, T 2	2					2
5	27	MADEHURST	MADEHURST/SLINDON PIT	SXRB 1	17	497400	108300	A	RESIDUAL, CLAY-W-FLINTS?	2					2
5	68	FUNTINGTON	STOKE CLUMP	SXRB 2	5	483400	109500	A	RESIDUAL, CLAY-W-FLINTS?	1					1
5	5	LITTLEHAMPTON	ATHERINGTON BEACH (NEAR MILL)	SXR 6	16	501700	101000	E	?	1					1
5	17	HAVANT	HAYLING ISLAND	SXRB 3	13	472500	101500	G	?	1				1	2
5	39	PORTSMOUTH	PORTSDOWN HILL	SXRB 3	16	464500	106500	G	?	1					1

SHCC region	Site no.	Location	Site name	SRPP map	SRPP site	NGR (E)	NGR (N)	Acc.	Drift geology (NEW)	Hand-axes	Flake-tools	Lev	Cores	Debitage	Total artefacts
5	65	PORTSMOUTH	SOUTHSEA, BEACH	SXRB 3	8	464500	98000	G	?	1					1

Table 13. Sites in West Sussex Coastal Plain (West), in lithostratigraphic order.
* shaded records indicate sites not included in final typological analysis due to imprecise provenance or too few artefacts to make statistical analysis worthwhile

SHCC region	Site no.	Location	Site name	SRPP map	SRPP site	NGR (E)	NGR (N)	Acc.	Drift geology (NEW)	Hand-axes	Flake-tools	Lev	Cores	Debitage	Total artefacts
6	2	GORING	27 MULBERRY LANE	SXR 6	9	511200	102800	A	BRIGHTON-NORTON R-BEACH	1					1
6	7	BRIGHTON	BLACK ROCK BEACH SECTION	SXR 4	15	533500	103400	A	BRIGHTON-NORTON R-BEACH	1					1
6	25	LITTLEHAMPTON	LITTLEHAMPTON			502500	102500	G	POST-ALDINGBOURNE R-BEACH	1					1
6	44	RUSTINGTON	RUSTINGTON	SXR 6	18	505000	102000	G	POST-ALDINGBOURNE R-BEACH	1					1
6	96	WORTHING	BROADWATER, GEN AREA	SXR6	7	515000	104500	G	BRICKEARTH OVER NORTON SANDS	1					1
6	97	WORTHING	BROADWATER, SOUTHDOWNVIEW CLOSE	SXR6	6	515600	104100	A	BRICKEARTH OVER NORTON SANDS	1					1
6	82	BRAMBER	BOTOLPHS	SXR 5	10	518700	109600	E	ADUR, T 1	1					1
6	87	LANCING	LANCING COLLEGE	SXR 5	12	519600	106600	A	RESIDUAL, CLAY-W-FLINTS?	1					1
6	93	SOUTHWICK	SOUTHWICK HILL	SXR 5	22	524000	107000	G	RESIDUAL, CLAY-W-FLINTS?	1					1
6	95	BRIGHTON	WEST BLATCHINGTON	SXR 5	20	528200	106600	G	RESIDUAL, CLAY-W-FLINTS?	1					1
6	3	WORTHING	6 FONTWELL DRIVE			513200	105600	A	SOLIFLUCTION?	1					1

SHCC region	Site no.	Location	Site name	SRPP map	SRPP site	NGR (E)	NGR (N)	Acc.	Drift geology (NEW)	Hand-axes	Flake-tools	Lev	Cores	Debitage	Total artefacts
6	18	WORTHING	HIGH SALVINGTON, E SIDE FURZE CLOSE	SXR 6	5	511900	106600	A	SOLIFLUCTION?	3					3
6	83	BRAMBER	FIELD WEST OF STATION	SXR 5	9	518400	110500	E	SOLIFLUCTION?	1					1
6	86	HANGLETON	HANGLETON DOWN	SXR 5	21	526500	107500	G	SOLIFLUCTION?	1					1

Table 15. Sites in West Sussex Coastal Plain (East), in lithostratigraphic order.
* shaded records indicate sites not included in final typological analysis due to imprecise provenance or too few artefacts to make statistical analysis worthwhile

SHCC region	Site no.	Location	Site name	SRPP map	SRPP site	NGR (E)	NGR (N)	Acc.	Drift geology (NEW)	Hand-axes	Flake-tools	Lev	Cores	Debitage	Total artefacts
1	37	ROMSEY EXTRA	PAUNCEFOOT HILL	SOTON 1	13	434300	120000	A	E SOL, T 6	26				1	27
1	71	ROMSEY	TEST ROAD MATERIALS PIT	TTV 5	5	438100	120600	A	E SOL, T5	115	1	1		69	186
1	4	ROMSEY EXTRA	ASHFIELD	SOTON 1	15	437500	119600	E	E SOL, T4	6		1			7
1	6	ROMSEY	BELBINS PIT	TTV 5	4	436300	123600	A	E SOL, T4	89		3		4	96
1	26	ROMSEY	LUZBOROUGH HILL	TTV 5	10	437700	120500	E	E SOL, T4	67	1	1			69
1	31	ROMSEY	MINCHIN HILL PIT	TTV 5	3	436300	122600	A	E SOL, T4	7					7
1	102	ROMSEY	LA SAGESSE	-	-	435025	121085	A	E SOLENT (TEST) T1		31		42	1524	1597
1	42	ROMSEY	ROMSEY						?	6					6
1	43	ROMSEY	ROMSEY PIT						?	2					2

Table 17. Sites in Test Valley (Romsey), in lithostratigraphic order.
* shaded records indicate sites not included in final typological analysis due to imprecise provenance or too few artefacts to make statistical analysis worthwhile

SHCC region	Site no.	Location	Site name	SRPP map	SRPP site	NGR (E)	NGR (N)	Acc.	Drift geology (NEW)	Hand-axes	Flake-tools	Lev	Cores	Debitage	Total artefacts
3	29	SOUTHAMPTON	MIDDENBURY [MIDANBURY] HILL	SOTON 2	13	444800	114200	E	E SOL, T8	1					1
3	61	SOUTHAMPTON	SOUTHAMPTON COMMON			441500	114500	G	E SOL, T4-8	19					19
3	62	SOUTHAMPTON	SOUTHAMPTON COMMON (NW corner)	SOTON 2	4	441200	115200	E	E SOL, T6-7	1					1
3	10	FAREHAM	BURSLEDON, NO SPECIFIC SITE	SOL 8	20	448600	109600	G	E SOL, T 3-6	2					2
3	22	SOUTHAMPTON	HOLLYBROOK	SOTON 2	36	440300	114900	E	E SOL, T 4-5	1					1
3	12	SOUTHAMPTON	COXFORD	SOTON 1	1	439300	114900	A	E SOL, T 4	17					17
3	16	SOUTHAMPTON	HAMPTON PARK	SOTON 2	33	443300	115300	G	E SOL, T 4	3					3
3	20	SOUTHAMPTON	HIGHFIELD	SOTON 2	9	442800	114700	A	E SOL, T 4	55					55
3	36	SOUTHAMPTON	ORDNANACE OFFICE, ROCKSTONE PLACE	SOTON 2	19	442000	112900	A	E SOL, T 4	1					1
3	47	SOUTHAMPTON	SHIRLEY CHURCH PIT (ST. JAMES)	SOTON 2	15	440200	114300	A	E SOL, T 4	23			1	1	25
3	49	SOUTHAMPTON	SHIRLEY WARREN	SOTON 1	3	439600	114600	E	E SOL, T 4	16				1	17
3	55	SOUTHAMPTON	SHIRLEY, WITHEDSWOOD/WHITEHEADS WOOD	SOTON 2	24	440700	113800	A	E SOL, T 4	17	1				18
3	60	SOUTHAMPTON	SOUTHAMPTON CEMETERY	SOTON 2	3	441500	113800	E	E SOL, T 4	22	1				23

SHCC region	Site no.	Location	Site name	SRPP map	SRPP site	NGR (E)	NGR (N)	Acc.	Drift geology (NEW)	Hand-axes	Flake-tools	Lev	Cores	Debitage	Total artefacts
3	34	SOUTHAMPTON	PORTSWOOD	SOTON 2	30	442900	114300	G	E SOL, T 3-4	23					23
3	40	SOUTHAMPTON	PORTSWOOD, THE PITS	SOTON 2	25	442900	114400	E	E SOL, T 3-4	2					2
3	46	SOUTHAMPTON	SHIRLEY	SOTON 2	1	439800	114200	G	E SOL, T 3-4	43				3	46
3	50	SHIRLEY	SHIRLEY, BALLAST PIT			439800	114200	G	E SOL, T 3-4	1					1
3	51	SHIRLEY	SHIRLEY, HARRIS PIT			439800	114200	G	E SOL, T 3-4	4					4
3	52	SOUTHAMPTON	SHIRLEY, HILL LANE	SOTON 2	32	441200	113400	G	E SOL, T 3-4	11				1	12
3	54	SOUTHAMPTON	SHIRLEY, THE HORNS	SOTON 2	1	439800	114200	G	E SOL, T 3-4	1					1
3	79	SOUTHAMPTON	WOOLSTON, Nr STATION	SOTON 2	14	444100	111100	E	E SOL, T 3-4	7					7
3	9	COLDEN COMMON	BRAMBRIDGE	TTV 6	8	447800	122000	E	E SOL, T 3	3		2			5
3	9	COLDEN COMMON	BRAMBRIDGE	TTV 6	8	446800	121600	E	E SOL, T 1	1					1
3	14	FREEMANTLE	FREEMANTLE, DYER ROAD	SOTON 2	6	441200	113000	A	E SOL, T 3	1					1
3	28	SOUTHAMPTON	MARLAND PLACE (YORK MUSIC HALL)	SOTON 2	12	441900	112000	E	E SOL, T 3	1					1
3	32	FAREHAM	NEWBURYS PIT	SOL 8	12	449700	106100	A	E SOL, T 3	1					1
3	33	SOUTHAMPTON	OGLE ROAD, OFF ABOVE BAR	SOTON 2	16	441900	111900	A	E SOL, T 3	2					2
3	35	SOUTHAMPTON	OLD SHIRLEY	SOTON 1	4	439300	114400	A	E SOL, T 3	16					16
3	48	SOUTHAMPTON	SHIRLEY ROAD	SOTON 2	31	440300	113300	G	E SOL, T 3	14				1	15
3	53	SOUTHAMPTON	SHIRLEY, MOUSEHOLE PIT	SOTON 1	5	438900	114000	A	E SOL, T 3	15					15

SHCC region	Site no.	Location	Site name	SRPP map	SRPP site	NGR (E)	NGR (N)	Acc.	Drift geology (NEW)	Hand-axes	Flake-tools	Lev	Cores	Debitage	Total artefacts
3	66	SOUTHAMPTON	SPA ROAD	SOTON 2	21	441900	111700	A	E SOL, T 3	1					1
3	75	FAREHAM	WARSASH, FLEET END GRAVEL PITS	SOL 8	8	451000	106200	A	E SOL, T 3				1		1
3	76	FAREHAM	WARSASH, NEW PIT			450000	106000	E	E SOL, T 3	19					19
3	78	SOUTHAMPTON	WEST PARK ROAD	SOTON 2	23	441700	112200	A	E SOL, T 3	1					1
3	15	FAREHAM	HAMBLE			448100	106800	G	E SOL, T 2-3	2					2
3	72	FAREHAM	WARSASH	SOL 8	14	449400	105400	G	E SOL, T 2-3	162	5	8	1	2	178
3	11	FAREHAM	CAMS	SOL 9	2	458400	105200	A	E SOL, T 2	2		1			3
3	19	SOUTHAMPTON	HIGH STREET	SOTON 2	10	442000	111400	A	E SOL, T 2	1					1
3	23	FAREHAM, HOOK	HOOK PIT/PYRAMID SAND AND GRAVEL CO. PIT	SOL 8	2	450800	105300	A	E SOL, T 2	4					4
3	24	GOSPORT	LEE-ON-SOLENT	SOL 10	1	456000	100700	A	E SOL, T 2	8		1		1	10
3	56	GOSPORT	SHOOT LANE PIT	SOL 10	9	457100	101700	E	E SOL, T 2	1					1
3	69	FAREHAM/GOSPORT	STUBBINGTON	SOL 10	4	455500	103300	E	E SOL, T 2	2					2
3	73	FAREHAM	WARSASH, CHURCH PIT	SOL 8	4	449800	105500	A	E SOL, T 2	9					9
3	74	FAREHAM	WARSASH, DYKES PIT	SOL 8	9	450800	105500	A	E SOL, T 2	10					10
3	30	SOUTHAMPTON	MILLBROOK	SOTON 1	7	438800	113300	G	E SOL, T 1	1					1
3	41	SOUTHAMPTON	REDBRIDGE	SOTON 1	8	437900	113800	G	E SOL, T 1	3					3
3	67	SOUTHAMPTON	ST DENYS	SOTON 2	35	443300	114200	G	E SOL, T 1	2					2

SHCC region	Site no.	Location	Site name	SRPP map	SRPP site	NGR (E)	NGR (N)	Acc.	Drift geology (NEW)	Hand-axes	Flake-tools	Lev	Cores	Debitage	Total artefacts
3	70	SOUTHAMPTON	SWAYTHLING, FLEMING ARMS GRAVEL PIT	SOTON 2	22	444200	115700	E	E SOL, T 1	4					4
3	63	SOUTHAMPTON	SOUTHAMPTON DISTRICT						?	2					2

Table 19. Sites in East Solent (Southampton), in lithostratigraphic order.
* shaded records indicate sites not included in final typological analysis due to imprecise provenance or too few artefacts to make statistical analysis worthwhile

Marine Isotope Stage	Anticipated archaeological presence (national framework)	Western Solent	Test Valley	Eastern Solent	Actual archaeological presence (PASHCC results)	West Sussex Coastal Plain: Raised Beaches	West Sussex Coastal Plain: Channels	West Sussex Coastal Plain: Cold stage deposits	West Sussex Coastal Plain: fluvial	Actual archaeological presence (PASHCC results)
1	Long Blade (right at MIS 2/1 junction)				Long Blade (La Sagesse)					None known
2	Absence	*Lepe / Pennington Upper Gravels*	*Terrace 1*							None known
3	British Mousterian (bout coupé)	Pennington Upper Gravel (upper facies)	*Terrace 1*		Bout coupé (Brambridge; Redbridge?)			?Warblington Silts		Bout coupé (Portfield north pit)
4	British Mousterian (bout coupé)	Lepe Upper Gravel	Terrace 1		Bout coupé (Brambridge; Redbridge?)			Woodend Farm Silts		Bout coupé (Portfield north pit)
5a-d	Absence	Pennington Upper Gravel (lower facies)	*Terrace 1*						Adur T1	None known
5e	Absence	Stone Point (Lepe) / Pennington Marshes Organic Deposits				Pagham Raised Beach				None known
6	Absence?	Lepe Lower Gravel Pennington Lower Gravel								None known
7a	Absence?					Brighton/Norton Raised Beach				A few handaxes, possibly not derived?
7b	Last Levallois?	*(Milford-on-Sea Gravel)*	*Terrace 2*	Terrace 2 (Solent Breezes)	Acheulian, Levallois; abundant and increasingly varied handaxes, especially at Warsash, with common cleavers, occasional ficrons		West Street, Selsey ?West Wittering		Arun Terrace 4	Sparse flakes and a ??proto-Levallois core (Selsey foreshore)

Marine Isotope Stage	Anticipated archaeological presence (national framework)	Western Solent	Test Valley	Eastern Solent	Actual archaeological presence (PASHCC results)	West Sussex Coastal Plain: Raised Beaches	West Sussex Coastal Plain: Channels	West Sussex Coastal Plain: Cold stage deposits	West Sussex Coastal Plain: fluvial	Actual archaeological presence (PASHCC results)
7c	Levallois; last Acheulian (ficrons and cleavers)					Aldingbourne Raised Beach				Sparse flakes, core and a handaxe (Aldingbourne raised beach - Crocker Hill, Easthampnett, Aldingbourne Park; Pear Tree Knap)
8	First Levallois; Acheulian (ficrons and cleavers)	Stanswood Bay Gravel	*Terrace 3*	*Terrace 3*	Acheulian, Levallois; abundant handaxes, varied, but mostly pointed/sub-cordate, also with cleavers (but no ficrons known for certain)					None known
	Acheulian	Taddiford Farm Gravel?	*Terrac 4*	*Terrace 4*	Acheulian, Levallois; abundant handaxes, varied, but mostly pointed/sub-cordate, first reliable appearance cleavers and ficrons together (Highfield Church Pit)					None known
9	Acheulian									None known
10	Acheulian	*Tom's Down Gravel*	*Terrace 5*	*Terrace 5*	Acheulian, sparse Levallois (Test Road Materials Pit), mostly pointed/sub-cordate handaxes					None known
			Terrace 6	*Terrace 6*	Acheulian (Pauncefoot), mostly pointed/sub-cordate handaxes					None known

Marine Isotope Stage	Anticipated archaeological presence (national framework)	Western Solent	Test Valley	Eastern Solent	Actual archaeological presence (PASHCC results)	West Sussex Coastal Plain: Raised Beaches	West Sussex Coastal Plain: Channels	West Sussex Coastal Plain: Cold stage deposits	West Sussex Coastal Plain: fluvial	Actual archaeological presence (PASHCC results)
11	Acheulian; Clactonian						?Earnley			None known
12	Absence	*Old Milton Gravel*	*Terrace 7*	*Terrace 7*	Acheulian (Great Copse, Mottisfont)					None known
	Absence?	*Mount Pleasant Gravel*	*Terrace 8*	*Terrace 8*	Sparse Acheulian (Midanbury, Spearywell Wood)					None known
13	Acheulian; High Lodge				None known	Goodwood/Slindon Raised Beach				Abundant ovate/cordate handaxes, tranchet sharpening (Boxgrove etc)
14	Absence	*Setley Plain Gravel*	*Terrace 9*	*Terrace 9*	None known					None known
	??	*Beaulieu Heath Gravel*	*Terrace 10*	*Terrace 10*	None known					None known
15	Absence?				None known					
16	Absence				None known					None known
17	Oldowan (Pakefield)				None known					None known
18	Absence				None known					None known
19	Absence?				None known					None known

Table 21. Integrated stratigraphic correlations and summarised Palaeolithic archaeology for the PASHCC area.