



Plate 17. Test Excavations: E27/N8, looking W. No obvious features; red patch in Spit 3 near S section; some artefacts in Spits 1 - 2. (DCP_5882.JPG)



Plate 18. Test Excavations: E27/N9, looking W. Southern 1/3 of Spit 1 largely missing; 3 historical features in this spit; F.1925 continued down to clay. Some artefacts in spit 1. (DCP_5886.JPG)



Plate 19. Test Excavations: E27/N11, looking W. Undulating surface but no features below - 12cm. Patches of bleached sands in lower spits. Artefacts in Spits 2-3. (DCP_5887.JPG)



Plate 20. Test Excavations: E27/N7 to E27/N9, looking W. Overview of western section, showing an area pitted by minor historic features, mostly shallow but with a few postholes going down to clay. (DCP_5878.JPG)



Plate 21. Test Excavations: E34/N23, looking S. Irregular historic features cut into Spit 1, artefacts in Spits 1-2; deposit becomes clayey with depth. (DCP_5894.JPG)



Plate 22. Test Excavations: E35/N23, looking S. Pale sand with iron precipitation increasing with depth. Artefacts mainly in Spit 1, but also in spit 4 - filtered down? (DCP_5895.JPG)



Plate 23. Test Excavations: E35/N24, looking E. Historical feature in NW corner cut right down to clay. Matrix pale, sandy with increasing iron, grading into orange sand with clay. (DCP_5901.JPG)



Plate 24. Test Excavations: E36/N23, looking S. Matrix gritty, mixed = disturbed? Historical feature in NE corner, diminishing in area with depth = post hole, ends at - 25cm. Artefacts in Spits 1 - 3. (DCP_5897.JPG)



Plate 25. Test Excavations: E37/N23, looking S. Very disturbed down to Spit 4 and clay. (DCP_5898.JPG)



Plate 26. Test Excavations: E38/N23, looking S. Spit 1 disturbed; In SE corner historic feature cuts down to clay. 1 artefact in Spit 4 - filtered down or via posthole? (DCP_5899.JPG)



Plate 27. Test Excavations: AREA B, looking E. Overview. (DCP_5902.JPG)



Plate 28 Stone artefacts from E27/N7, spits 1-3 and E27/N8, spits 1-2 shown side by side and with spit 1 at the top.



Plate 29 Stone artefacts from E34/N23 spits 1-2, E35/N23 spit 1 and E36/N23 spits 1-3 shown side by side and with spit 1 at the top.

Appendix A: Permit



CONSENT #: 2243

CONSENT AND PERMIT TO COLLECT

**CONSENT TO CARRY OUT THE DESTRUCTION OF AN ABORIGINAL OBJECT/PLACE
AND PERMIT TO COLLECT AND/OR EXCAVATE FOR THE PURPOSE OF SALVAGE**

WHEREAS the Aboriginal objects described in Schedule "A" are situated upon the land described in Schedule "B", and constitute Aboriginal object within the meaning of Section 90 of the National Parks and Wildlife Act 1974, and WHEREAS application has been made by:

Estate Project Developments Pty Ltd
PO Box 330
Crows Nest NSW 1585

FOR CONSENT to destroy those Aboriginal objects in the course of:

Proposed commercial redevelopment, 134-140 Marsden Street, Parramatta

NOW I, Lisa Corbyn, Director-General of the Department of Environment and Conservation, in pursuance of Section 90 of the said Act, and subject to the conditions hereunder set out DO HEREBY CONSENT to the destruction of the said Aboriginal objects by the said applicant. AND FURTHER, in accordance with the said Conditions and in pursuance of Section 87 of the said Act, I DO HEREBY PERMIT the salvage collection and/or excavation of the said Aboriginal objects from the aforesaid land, prior to destruction of the Aboriginal objects, by Haglund and Associates.

TERMS AND CONDITIONS OF THIS CONSENT

This Consent is issued subject to General Terms and Conditions covering all archaeological Permits and Consents, as well as the Specific Terms and Conditions pertaining to Consents to destroy Aboriginal objects and any Special Conditions, all of which conditions are detailed in the attached pages.

DATED at Sydney this 25th day of

July, 2005

For, Director-General of the
Department of Environment and Conservation

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ESTATE PROJECT DEVELOPMENTS PTY LTD

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SCHEDULE A:

Marsden St Carpark (# 45-6-2751), being an open artefact scatter with associated potential archaeological deposit.

SCHEDULE B:

Marsden St Carpark is located at 134-140 Marsden Street, with an approximate grid reference of AGM 314900-6256350 (Parramatta River 1:25 000). Please refer attached map.

SPECIAL CONDITIONS

1. This permit does not apply to skeletal material. Should any bone suspected of being human be uncovered during the works, these should cease and the Department of Environment and Conservation contacted immediately.
2. This permit is to be implemented as per the methodology outlined in the document *Application for Consent to Destroy with Salvage, 134-140 Marsden St Parramatta - research design* (Haglund and Associates, 7 June 2005).

SPECIFIC CONDITIONS APPLYING TO CONSENT AND PERMIT TO SALVAGE

1. The Consent covers only those Aboriginal objects described in the instrument of Consent and in any Schedules thereto.
2. In the case of Consents granted to cover development activities, the Consent is granted to cover only those circumstances described in the Schedules, and subject to there not being discovered in the course of further operations, in the progress of that development requiring the Consent, any other Aboriginal objects which will be damaged or destroyed by the continuation of the operation. (Destruction of such Aboriginal objects would require the granting of a separate Consent).
3. The Consent is conditional upon all relevant development approvals having been obtained.
4. Should the Aboriginal objects listed in Schedule 'A' above remain in existence two (2) years from the date of this document, the Consent shall be deemed to be void, and any further damage to the Aboriginal objects will require the preparation of a new Consent document.
5. Prior to the Consent becoming effective, the Aboriginal objects described in the Schedules must be salvaged, following the guide-lines attached.
6. Any Aboriginal objects recovered, being the property of the Crown, shall be deposited at The Australian Museum, in accordance with adopted procedures for the deposition of Aboriginal objects as prescribed by The Australian Museum, at or before a period of two years from the date of expiration of the Permit or any renewal thereof, whichever occurs first. Information about deposition requirements can be obtained from the Aboriginal Collections Manager, Division of Anthropology, The Australian Museum, on (02) 9339 8111.
7. At the same time that Aboriginal objects are deposited in the Australian Museum, a copy of the report referred to in clause 9 below and a copy of the report referred to in clause 14 of the General Terms and Conditions, field notes, site plans, section drawings and relevant photographs, shall be deposited at The Australian Museum.
8. Should any 'object', defined under the Heritage Act of NSW be uncovered, then excavation or disturbance of that area is to stop immediately and the Heritage Council of NSW is to be informed in accordance with S.146 of the Heritage Act, 1977 (as amended).

The Heritage Council can be contacted on (02) 9635 6155

A 'object' under the Heritage Act is defined as any deposit, object or material evidence-

- (a) which relates to the settlement of the area that comprises NSW, not being Aboriginal settlement; and

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(b) which is 50 or more years old.

9. The holder of the Permit shall furnish the National Parks and Wildlife Service with a report at the completion of the salvage work or expiry of the Permit or any renewal thereof, or as specified in the guide-lines, whichever occurs first. Such report shall include:
- a complete list of all material recovered;
 - a detailed description of the methods of excavation/collection and analysis used;
 - a detailed plan of the site, including the location of collection areas, all trenches, auger holes and spoil heaps;
 - summary of consultation undertaken with relevant Local Aboriginal Land Councils or relevant Aboriginal Community Groups.

GENERAL TERMS AND CONDITIONS

1. Permits and Consents are not transferable.
2. A Permit covers only that area stated in the Permit
3. A Consent covers only that area stated in the instrument of Consent and in any Schedules thereto.
4. Permits may be revoked at any time at the discretion of the Director-General.
5. Terms and conditions of Permits may be varied at any time at the discretion of the Director-General.
6. The Person to whom the Permit is issued or the Consent granted shall be responsible for the manner in which the work covered by the Permit or Consent is performed.
7. An officer of the National Parks and Wildlife Service, acting on the authority of the Director-General, may at any time examine work done or any objects recovered under any Permit or Consent.
8. Permits and Consents are necessary for all activities for which they are issued or granted, but do not in themselves give authority to enter or work on freehold land or leased Crown Land. Permission must be sought from the owner or occupier and arrangements made with him/her.
9. The holder of the Permit or Consent shall furnish, when required to do so, an undertaking to indemnify the National Parks and Wildlife Service against all actions, suits, claims and demands of whatsoever nature and all costs, charges and expenses in respect of any accident or injury to any person or property which may arise solely out of the existence of any works associated with the Permit or Consent.
10. All reports received in connection with work carried out under a Permit or Consent shall be treated as confidential but the National Parks and Wildlife Service shall have the right to copy all such reports, to allow consideration thereof by qualified referees.
11. For a period of five years from the date of issue of the Permit or Consent, the holder of the Permit or Consent may refuse to allow the National Parks and Wildlife Service and The Australian Museum, if such information is held by those institutions, to make public any information contained in any report referred to in Condition 10 above, except where it is deemed necessary for management, protection or research reasons. After this period of five years from the date of issue of the Permit or Consent, the Service and The Australian Museum shall have the right to use and authorise the use of information contained in all reports submitted under the Permit or Consent, except where specifically requested by the holder of the Permit or Consent.
12. Upon publication of any information relating to work done under a Permit or Consent, a copy of such publication(s) shall be forwarded to the National Parks and Wildlife Service, The

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Australian Museum, Sydney, and the Australian Institute of Aboriginal and Torres Strait Islander Studies, Canberra, unless permission to do otherwise has been obtained from the Service.

13. The holder of the Permit or Consent shall consult with the local Aboriginal community regarding the work covered by the Permit or Consent and shall respond to any reasonable request to involve the Aboriginal community in the work.
14. The National Parks and Wildlife Service and The Australian Museum may supply copies of relevant reports as furnished by the holder of the permit or Consent to local Aboriginal communities. Upon request by the Service, the holder of the Permit or Consent shall supply a summary of his/her findings with photographs, diagrams, etc., as required, to local Aboriginal communities or other interest local groups.
15. The holder of the Permit or Consent shall keep field records and a copy of all such records shall be lodged with the National Parks and Wildlife Service at the termination of each field work period. A copy of all field records shall be lodged with The Australian Museum at the time the archaeological materials are deposited with the Museum.
16. The holder of the Permit or Consent shall notify the local District office of the National Parks and Wildlife Service at the commencement and completion of fieldwork, and shall supply to District officers details of field work programs and results if requested.
17. In the event of a Permit being revoked -
 - a) The Person to whom that Permit was issued shall
 - (i) Furnish an undertaking to indemnify the National Parks and Wildlife Service against all actions, suits, claims and demands of whatsoever nature, and all costs, charges and expenses in respect of any accident or injury to any person or property which may arise solely out of the existence of any works associated with the Permit;
 - (ii) leave the areas, the subject of that Permit, in a condition satisfactory to the National Parks and Wildlife Service within two weeks from the date of revocation of that Permit;
 - (iii) furnish the National Parks and Wildlife Service within six months from the date of revocation of the Permit, a full report on the work completed at the date of revocation. Such a report shall include a complete list of any material recovered;
 - (iv) deposit any Aboriginal objects removed during work associated with the Permit, together with a copy of all field records, at The Australian Museum or at another place designated by the Museum, after these Aboriginal objects have been fully examined, or within six months from the date of revocation of that Permit whichever occurs sooner.
 - (b) The National Parks and Wildlife Service and The Australian Museum shall have the right to use and authorise the use of information collected under the Permit.

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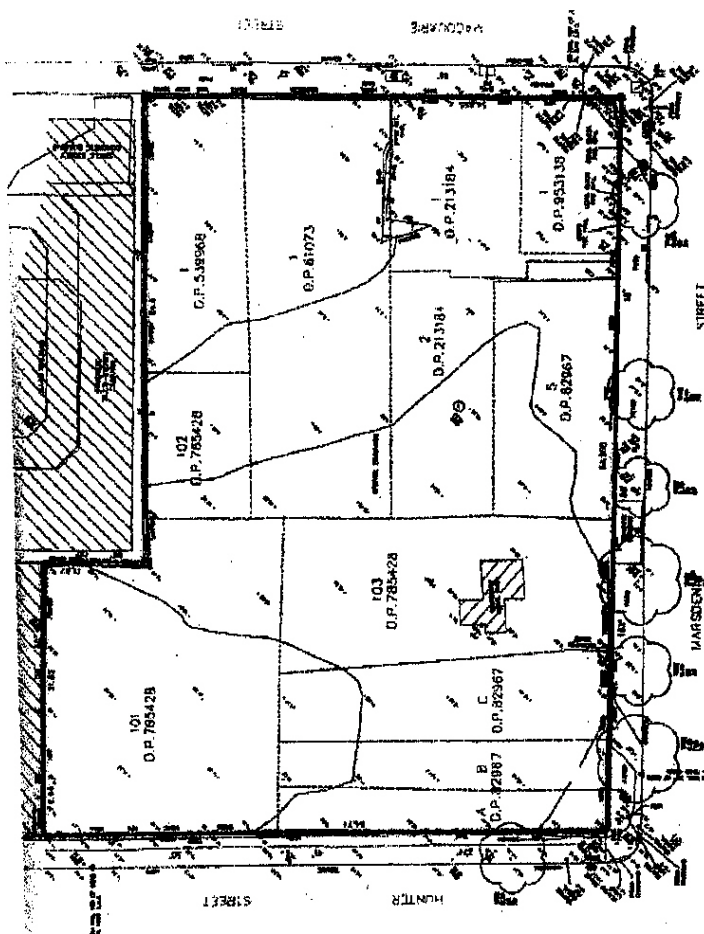


Figure 1.1. Site plan of 134-140 Marsden Street and 45-47 Macquarie Street, Parramatta.

Development area outlined in red

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Appendix B: Excavation data

Abbreviations, see Appendix D

Site	MMP 05/ Y2	Test Pit	E16/N8 (SE corner)
Date	4.8.05	Recorder	Henri
Spit	Matrix	Depth (cm)	Inclusions & Artefacts
1	Light grayish white, sandy. Burnt patch of roots?	0 - 10	Frequent charcoal flecks, notably in N & S sections. 1 FF
2	Light grayish white, sandy. probable burnt roots	10 - 20	Frequent charcoal flecks 1 F, 1 FF
3	Orangey / yellow sand, iron nodules, sandstone, 2 irregular pits with charcoal rich sand	20 - 30	Charcoal in pits, see drawing 1 FF
4	Yellow orange, sandy, iron nodules	30 - 40	
Notes	Drawing of north-facing section, soil samples taken in this		

Site	MMP 05/ Y2	Test Pit	E16/N9 (SE corner)
Date	3.8.05	Recorder	Lester
Spit	Matrix	Depth (mm)	Inclusions & Artefacts
1	Pale yellow-white much compacted sand, some precip. iron nr. base	0 - 10	2 historic features: bases of post holes?
2	Pale yellow-white much compacted sand, some conc. of precip. iron	10 - 20	No evidence of bio-turbation 3 F, 1 FF
3	Pale yellow-white much compacted sand, some scattered ironstone	20 - 30	1 mod., 3 FF
4		30 - 40	
Notes	Soil samples taken in south facing section, spits 1 -4.		

Site	MMP 05/ Y2	Test Pit	E17/N8 (SE corner)
Date	3.8.05	Recorder	
Spit	Matrix	Depth (mm)	Inclusions & Artefacts
1	Fine yellow white compact sand	0 - 10	Dark deposit, much charcoal at S edge of pit. 3 FF, 3 FP
2	Fine yellow white compact sand	10 - 20	Patches of charcoal
3	Fine yellow white compact sand	20 - 30	No features
4	Fine yellow white compact sand	30 - 40	No features
Notes	See plates		

Site	MMP 05/ Y2	Test Pit	E18/N9 (SE corner)
Date	3.8.05	Recorder	M.Hinks
Spit	Matrix	Depth (cm)	Inclusions & Artefacts
1	Yellow white sand flecked with iron towards base of spit. Semi-compacted.No visible roots.	0 - 10	Historic features to c. - 8cm (post holes?). Charcoal flecks w. humic material. NW corner.
2	Pale yellow-white semi-compacted sands. Ironstone nodules & small conc. of precip.iron at base of spit.	10 - 20	No evidence of bioturbation at this depth. No charcoal.
3	Pale yellow-white semi-compacted sands. Many iron conc. (+ manganese?). Roots appear at this depth	20 - 30	No evidence of bioturbation at this depth. No charcoal.
4	Damp yellow-white iron-stained semi-compacted sands; nodules of ironstone throughout + manganese.	30 - 40	No evidence of bioturbation at this depth. No charcoal.
5	Yellow-white heavily iron-stained semi-compacted sands. Manganese conc. mainly to the W at top of spit. Big ironstone nodules common.	40 - 50	
Notes	Scattered concentrations of manganese at - 25 down to - 45cm.		

Site	MMP 05/ Y2	Test Pit	E23/N9 (SE corner)
Date	2.8.05	Recorder	M.Hinks
Spit	Matrix	Depth (mm)	Inclusions & Artefacts
1	Yellow-white,sandy, fine, compact, some gravel (< 1cm), occ. roots	0 - 10	See notes 1 FF
2	Yellow-white,sandy, fine, compact, some gravel (< 1cm), occ. roots	10 - 20	See notes
3	Yellow-white,sandy, fine, compact, some gravel (< 1cm),	20 - 30	No features
4	Yellow-white,sandy, fine, compact, some gravel (< 1cm), frequent iron panning, manganese flecking	30 - 40	
5	Yellow-white,sandy, fine, compact, some gravel (small), frequent iron panning, manganese flecking,	40 - 50	
6	Yellow-white compacted sand, small clay inclusions at base, small roots, heavily iron-panned	50 - 60	
7	Yellow-white compacted sand with red clay inclusions increasing with depth, less iron pan, no roots	60 - 70	
8	Yellow white sand / red clay mix; clays dominate by c.- 75 cm but pockets of white sand persist	70 - 80	
Notes	Area disturbed by hist. features through spits 1 -2, NW & S & E, already excavated. Soil samples taken to spit 8 in south facing section. Undulating clay surface when pockets of sand removed.		

Site	MMP 05/ Y2	Test Pit	E25/N9 (SE corner)
Date	2.8.05	Recorder	Lester & Henri
Spit	Matrix	Depth (mm)	Inclusions & Artefacts
1	Yellow-white,sandy, fine, compact, some gravel (< 1cm), occasional roots	0 - 10	 2 FF
2	Yellow-white,sandy, fine, compact, some gravel (< 1cm), occ. roots	10 - 20	 1 F
3	Yellowish, sandy, fine, compact, small sandstone fragments	20 - 30	
4	Yellowish/orange compact, sandy, some sandstone, frequent iron pan	30 - 40	 1 FF
5	Yellowish/orange compact, sandy, infrequent sandstone	40 - 50	
6	Orange/yellow compact sand and red clay, infrequent sandstone	50 - 60	
Notes	Modern disturbance through spits 1 -2 over most of area, leaving c. 20 cm to the west.		

Site	MMP 05/ Y2	Test Pit	E27/N7 (SE corner)
Date		Recorder	
Spit	Matrix	Depth (mm)	Inclusions & Artefacts
1	Pale greywhite, slightly compacted sand, some iron pan	0 - 10	No evidence of bioturbation. 1F, 4FF, 1FF
2	Pale yellow-white semi-compacted sand, some iron pan	10 - 20	No evidence of bioturbation 2FF
3	Pale yellow-white semi-compacted sand, some iron pan throughout	20 - 30	No evidence of bioturbation
4	Pale yellow-white firm, compacted sand, iron stained, some ironstone	30 - 40	No evidence of bioturbation 1F, 1FF
Notes	Historic feature in SW corner down to - 17cm.		

Site	MMP 05/ Y2	Test Pit	E27/N8 (SE corner)
Date	5.8.05	Recorder	Lester
Spit	Matrix	Depth (mm)	Inclusions & Artefacts
1	Light brownish fine compact sand	0 - 10	A few flecks of charcoal 1F, 4FF, 1FF
2	Light brown-yellowish compact fine sand	10 - 20	A few flecks of charcoal 2FF
3	Pale yellow fine compact sand, red patch at south end	20 - 30	
4	Yellowish orange fine compact sand	30 - 40	
5	Orange yellow fine compact sand, infrequent iron nodules	40 - 50	
Notes	Samples taken at all five spits from west facing section		

Site	MMP 05/ Y2	Test Pit	E27/N9 (SE corner)
Date		Recorder	
Spit	Matrix	Depth (mm)	Inclusions & Artefacts
1	white, compact fine sand. Occ. small gravel (<1cm).	0 - 10	3 hist. features: 302, 364, 1925 1F, 1FF
2	Yellowish white, compact fine sand. Occ. small gravel (<1cm).	10 - 20	Charcoal continues, fleck frequent
3	Orange-yellow fine compact; occ. small sandstone (<1cm).	20 - 30	2 irregular pits w. charcoal rich sand. Ochre?
4	Orangeyellow heavily compacted sand, red clay inclusion	30 - 40	
Notes	Spits 1-2 highly disturbed; F.1925 (post hole?) continues down 1.25m through spit 4		

Site	MMP 05/ Y2	Test Pit	E27/N11 (SE corner)
Date	4.8.05	Recorder	M Hinks
Spit	Matrix	Depth (mm)	Inclusions & Artefacts
1	Pale grey-white semi-compacted sand; flecks of manganese and precip.iron.	0 - 10	Undulating surface. No evidence of bioturbation. Ochre?
2	Pale grey-white semi-compacted sand; flecks of manganese and precip.iron. increasing nr. base	10 - 20	No evidence of bioturbation. 1FF
3	Pale grey-white semi-compacted sand; flecks of manganese and precip.iron. assoc.with stains. Bleached sands free of iron in patch N to centre at - 25cm,	20 - 30	No evidence of bioturbation 1FF
4	Pale grey-white semi-compacted sand; much stained by precip. iron. bleached sands continue below 40cm but area decreases.	30 - 40	No evidence of bioturbation
5	Pale grey-white semi-compacted sand; stained yellow in association w. frequent precip.iron. Irregular pockets of bleached sand continue below -50cm.	40 - 50	No evidence of bioturbation
Notes	Modern disturbance of spit 1 excavated separately.		

Area B:

Site	MMP 05/ Y2	Test Pit	E34/N23 (SE corner)
Date	2.8.05	Recorder	Henri
Spit	Matrix	Depth (mm)	Inclusions & Artefacts
1	Mixed grayish brown + yellowish sandy silty loam+ sand, few small rocks,	0 - 10	Charcoal specks 5F, 8FF
2	Yellow, compact clayey sand, some small pebbles	10 - 20	Infrequent small flecks of charcoal 1FF
3	Yellow, compact fine, sandy; few small sandstone inclusions	20 - 30	
4	Reddish clay and compact orangy sand; few small sandstone inclusions	30 - 40	
Notes	2 irregular historical features cut into some 30% of spit 1		

Site	MMP 05/ Y2	Test Pit	E35/N23 (SE corner)
Date	2.8.05	Recorder	Anthony
Spit	Matrix	Depth (mm)	Inclusions & Artefacts
1	Yellowish, some brown, sandy; some root disturbance,	0 - 10	Artefacts noted during excavation 1F, 10FF
2	Light yellow sand, some small sandstone pebbles	10 - 20	
3	Orangy yellow sand, more sandstone and ironstone inclusions	20 - 30	
4	Orange sand and red clay. Hits clay at - 42cm	30 - 40	1FF
Notes	Some hist. disturbance at western end Soil samples taken to spit 4 in north facing section		

Site	MMP 05/ Y2	Test Pit	E35/N24 (SE corner)
Date	4.8.05	Recorder	Anthony
Spit	Matrix	Depth (mm)	Inclusions & Artefacts
1	Whitish yellow sand with small sandstone pebbles	0 - 10	
2	yellowish sand with orange flecks of iron	10 - 20	
3	Yellow orangy sand with infrequent orange iron	20 - 30	
4	Orange sand with patches of red clay; iron nodules	30 - 40	
Notes	Historic disturbance in NW corner right down through spits 1-4 to red clay. Contained brown silty soil.		

Site	MMP 05/ Y2	Test Pit	E36/ N23 (SE corner)
Date	3.8.05	Recorder	Brian
Spit	Matrix	Depth (mm)	Inclusions & Artefacts
1	Mixed sand (yellow+grey silty) ironstone pebbles (<1cm); big root	0 - 10	1 in situ at - 10 (core); a few charcoal flecks. 1CF, 2F, 1FF
2	Yellow sand, some sandstone and ironstone pieces	10 - 20	Flecks of charcoal near historic feature. 1FF
3	Gritty sand, mixed yellow, orange. iron & manganese nodules, roots fairly common	20 - 30	1FF
4	Yellow-orange sand, clay inclusions iron nodules frequent	30 - 40	
5	Orange/yellow sand, red clay, iron nodules, very compact. Clay at -44	40 - 50	
Notes	Historic disturbance in NE corner through spits 1-2 = post hole ending at - 25cm		

Site	MMP 05/ Y2	Test Pit	E37/N23 (SE corner)
Date	3.8.05	Recorder	Brian
Spit	Matrix	Depth (mm)	Inclusions & Artefacts
1	Greyish brown, mixed sandy silty, some small sandstone pieces	0 - 10	Very disturbed historical material present
2	Greyish brown + yellow, mixed sandy silty,	10 - 20	Very disturbed; historical components removed
3	Greyish sandy silty + yellow sand	20 - 30	Disturbed removed and sieved separately
4	Yellow sand, red clay, iron nodules (<1cm) and inclusions of clay	30 - 40	
Notes			

Site	MMP 05/ Y2	Test Pit	E38/N23 (SE corner)
Date	4.8.05	Recorder	Anthony
Spit	Matrix	Depth (mm)	Inclusions & Artefacts
1	Greyish/ yellowish sandy, silty w. small sandstone pieces and modern rubble	0 - 10	Very disturbed - historical material;
2	Grayish/ yellowish in places, sandy, silty.	10 - 20	Partially disturbed to -15cm, SE corner totally disturbed. historical material
3	Yellow sand, orange flecks, ironstone nodules (<1cm);	20 - 30	Small flecks of charcoal
4	Orangy yellow sand and flecks of red clay, iron nodules	30 - 40	1FF
5			
Notes	All of spit 1 disturbed and contained historic material. Disturbance in SE corner (36cm deep) continued onto sandy clay at - 40 -41cm, getting narrower with depth		

Appendix C: Dr.Higginbotham's find reports

Edward Higginbotham & Associates Pty Ltd. (02) 9716-5154.

ARCHAEOLOGICAL INVESTIGATION OF 134-140 MARSDEN STREET AND 45-47 MACQUARIE STREET, PARRAMATTA

Report on discovery of Aboriginal Relic.

Figure 1.1. Site plan of 134-140 Marsden Street and 45-47 Macquarie Street, Parramatta.

(See Fig. 1.2 in main report)

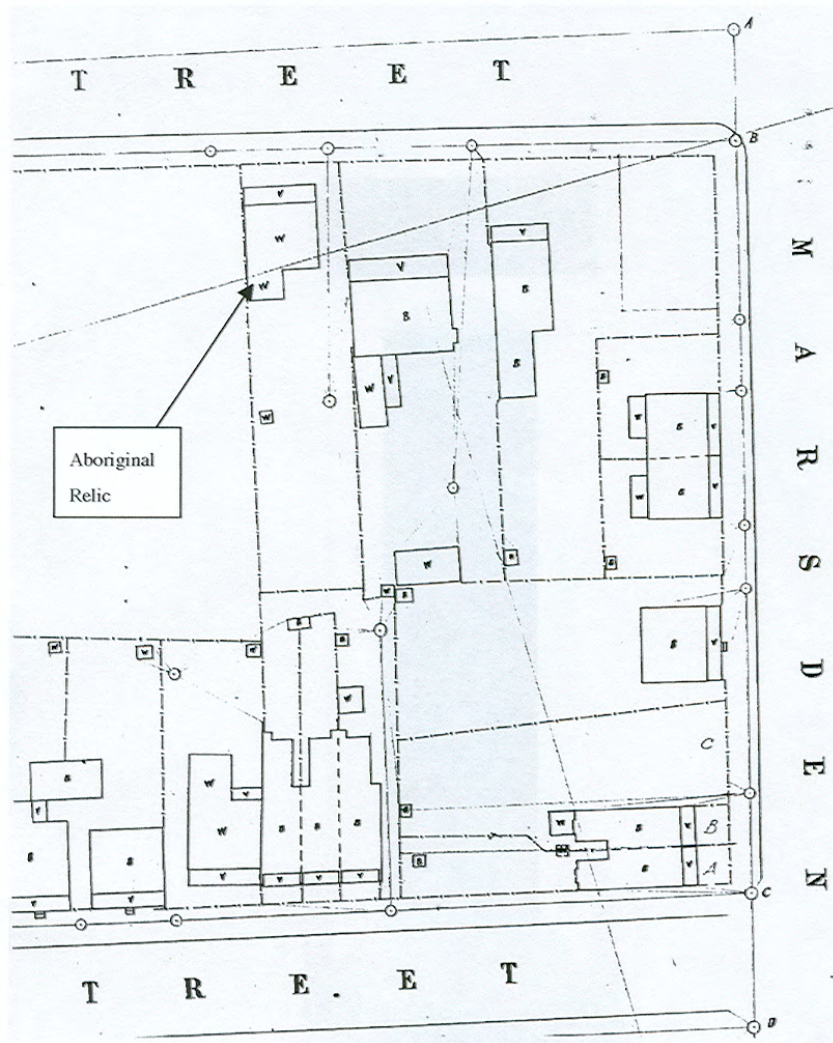


Figure 1.2. Parramatta Detail Survey July 1894

The Detail Survey showed detail of all the buildings and outbuildings erected in the study area.
Location of Aboriginal Relic (arrow).

Source: PWD 1242.1544, Sydney Water Plans Room

Edward Higginbotham & Associates Pty Ltd. (02) 9716-5154.

1.1 Aboriginal Artifact.

During the archaeological investigation of historical sites, one Aboriginal Relic has been discovered to date. The location of the find is shown in Figure 1.2.

The Aboriginal artifact was located in a lens of fill (redeposited A2 Horizon) beneath the construction layers of a house erected between the 1840s and 1880s. The lens measures 3.5 to 3.7 metres in diameter, with a maximum thickness of 10 cms.

1.2 Topography.

The contours in Figure 1.1 give a general indication of the original topography on the site. Higher ground was located along the southern and eastern sides of the site. Low lying and poorly drained (gleyed) soils are located along the north-western side of the site.

1.3 Fill layers, dating and source.

As a result of this topography, the Macquarie Street frontage of the site has been raised up to the street level during historical settlement, in order to provide well drained sites for buildings. On this Allotment (16 West), the fill layers were deposited before the construction of the house in the 1840s to 1880s. The Aboriginal artifact was found in one of these fill layers. On the adjacent allotment (16 East), the fill layers were deposited before construction of a brick house by 1840 at the latest. A house is also shown on the 1823 Plan of Parramatta, but this could be the building previously on the site.

In places the fill layers are up to 0.8 metres thick, but up to 0.5 metres below street level.

It is envisaged that the fill layers were deposited on one occasion across two town allotments (Allotment 16 and 17). There is no indication to date that the layers were deposited on separate occasions for each allotment. On current dating evidence it therefore appears that the fill layers were deposited by the 1840s.

The fill layers comprise a mixture of topsoils (A1 and A2) and also subsoil clay (B Horizon). There is one soil type, which is foreign to the subject site, namely a red coloured inorganic topsoil (redeposited A2). While the other soil types are present on the subject site, no evidence has been found of historical quarrying or excavation.

Today, the original soil profile survives on all parts of the site, except on the northern part of the Marsden Street frontage. Here the soil has been stripped to subsoil clay (B Horizon). However the evidence indicates that the topsoil has been stripped from this area by recent settlement. On Allotment 5 (Marsden Street), the stripping of topsoil postdates the demolition of terraced houses, erected in 1893. On Allotment 18 (Marsden Street), stripping of topsoil is dated to construction or demolition of buildings erected in 1951. There is thus no on site source for the fill layers on the Macquarie Street frontage.

Edward Higginbotham & Associates Pty Ltd. (02) 9716-5154.

It is concluded that the fill layers have been derived from elsewhere and dumped on site.

The most likely interpretation for the extensive fill layers is as a public work, associated with the raising of the level of Macquarie Street. Convict labour was often used during this period (up to 1840s) for such public works.

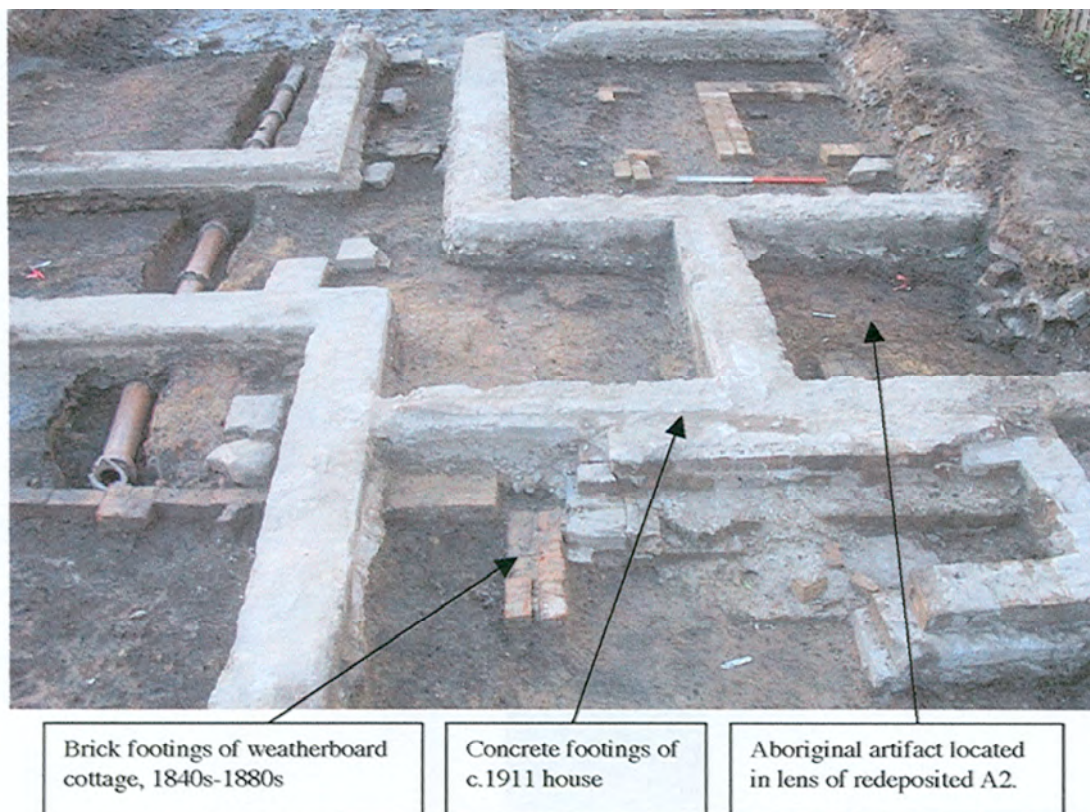


Figure 1.3. Allotment 16 West, showing concrete footings of c.1911 house, overlying brick piers for 1840s-1880s weatherboard cottage. The Aboriginal artifact was located in a lens of redeposited A2 in fill predating the 1840s-1880s house. Viewed from Macquarie Street frontage, looking south.

ARCHAEOLOGICAL INVESTIGATION OF 134-140 MARSDEN STREET AND 45-47 MACQUARIE STREET, PARRAMATTA

Report on discovery of additional Aboriginal Relics.

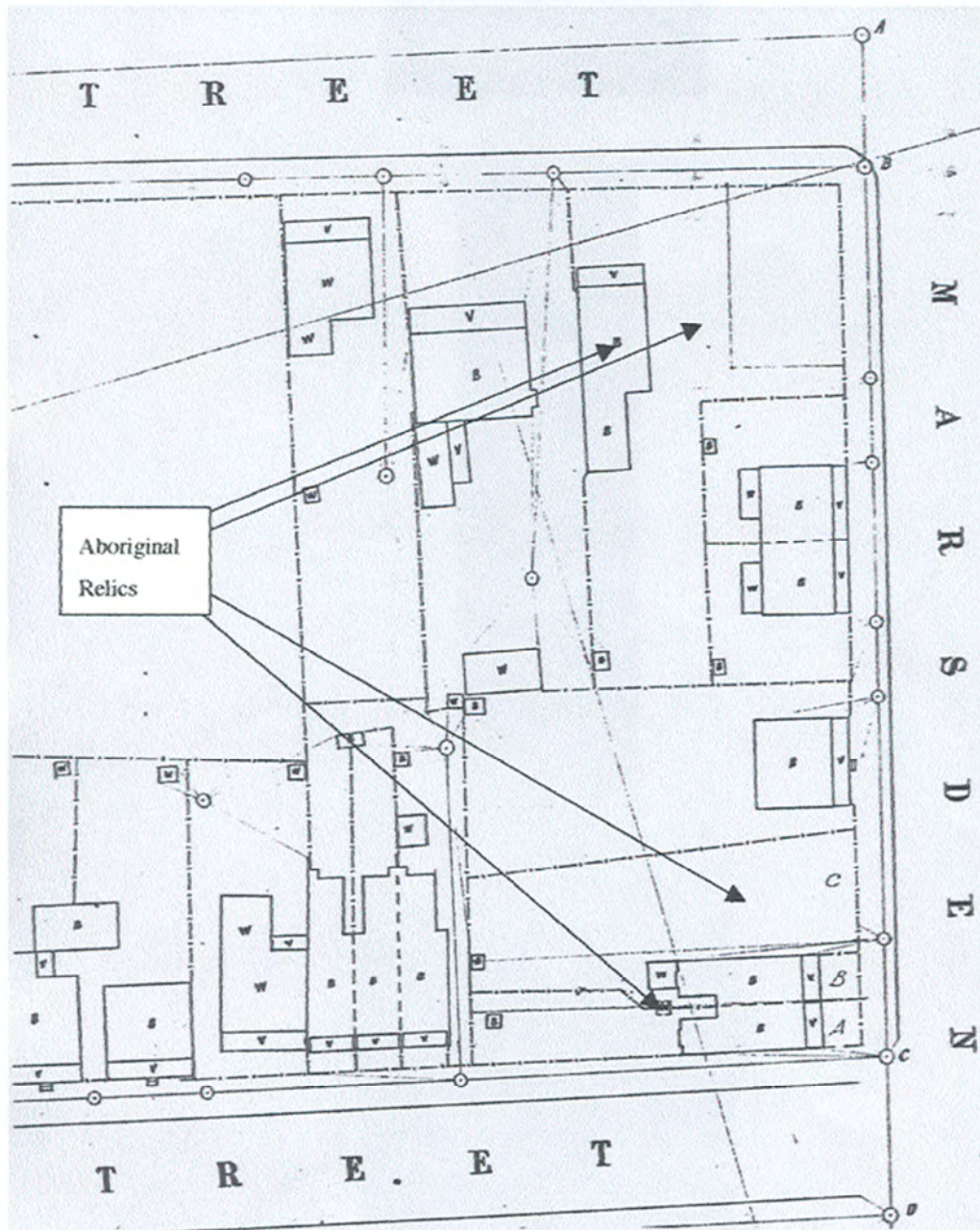


Figure 1.1. Parramatta Detail Survey July 1894

The Detail Survey showed detail of all the buildings and outbuildings erected in the study area.

Location of Aboriginal Relics (arrow).

Source: PWD 1242.1544, Sydney Water Plans Room

Edward Higginbotham & Associates Pty Ltd. (02) 9716-5154.

1.1 Aboriginal Artifact.

During the archaeological investigation of historical sites, five additional Aboriginal Relics have been discovered. The locations of the finds are shown in Figure 1.1.

1.2 Description of location of each relic.

The location of each relic will be described in order, as shown in Figure 1.1, from Macquarie Street in a clockwise direction.

One stone artifact was discovered in the footings of an 1892 terraced house. The artifact is in a recent historical context, but may be associated with the imported 1830s-1840s fill layers, described in the previous report.

Another stone artifact was located directly beneath a concrete slab, east of the 1892 terraced house in a recent historical context, but may again be associated with the imported 1830s-1840s fill layers, described in the previous report.

Two stone artifacts were located between the concrete wall footings of a 20th century house, facing Marsden Street. The house is too recent to be shown in Figure 1.1. The artifacts were located in fill layers of late 19th century or 20th century date.

Another stone artifact was located in the fill of a tree throw, mixed with late 20th century artifacts, on the Hunter Street frontage.

In this vicinity on Hunter Street, a modern topsoil directly overlies the A2 horizon. All the footings of the 19th century terraced houses on the corner of Marsden and Hunter Streets have been removed, indicating the substantial loss of historical occupation deposits. From the sections or soil profiles visible in sewer pipe trenches, it can also be observed that up to 500 mm of the A2 horizon has been lost.

The loss of original topsoils, both A1 and A2, means that the earlier phases of historical occupation have been lost, together with the soil profile in which undisturbed Aboriginal artifacts may have been located.

Little further archaeological investigation for historical sites will therefore be undertaken in this area.

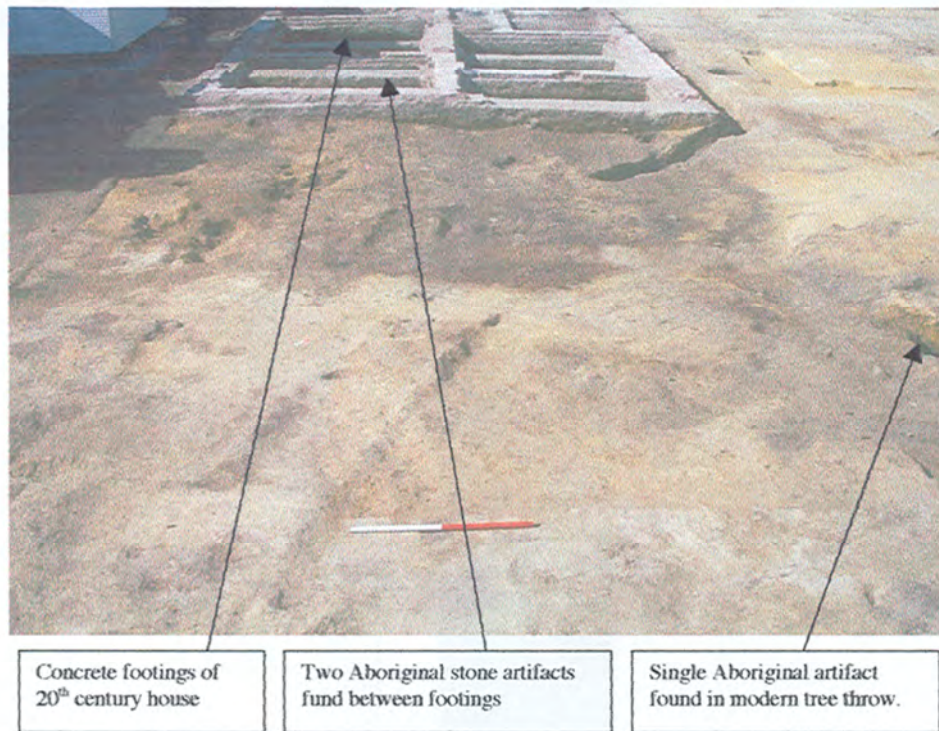


Figure 1.2. Allotment 26, Hunter Street, showing modern 20th century concrete footings and disturbance on right associated with tree throw.

Appendix D: Artefact listings

Abbreviations used

band.	banded	lm	left margin	si,p	silcrete, pink
batt.	battered	Loc.	location	si,r	silcrete, red
bif.	bifacial	Mat.	material	si.y	silcrete, yellow
br	broad	m	margin	ss	several scars
C	core	med.	medium	s.tuff	silicified tuff, also
ch,d	chert, dark	mod.	modified		called indurated
CF	core fragment	Mod.C	modified core		mudstone
Cx	cortex	multi-dir	multi-directional	tab.	tabular
dam.	damaged	p pl	plain	tend.	tendency/tending
d.e de	distal end	pat.	patinated	term.	termination
df	dorsal face	pl, br	plain, broad	UW	use-wear
f F fl	flake	plfm	platform	vf	ventral face
FF	flake fragment	pound.	pounder/pestle	W	width
FP	flaked piece	prob.	probably	we	working edge
fr.	from	R	retouch		
frag.	fragment	rm	right margin		
H	height/thickness	r.ochre	red ochre		
ign.	igneous	rmvd	removed		
inv.	inverse	RU	retouch/usewear		
irreg.	irregular	sev.dor.	several dorsal		
L	length	si.oc-r	silcrete,ochre-red		

Y2, general area. Cores and modified artefacts

Loc.	#Y2-	Type	Mat.	L mm	W mm	H mm	Weight in g.	Plfm #	Plfm T	Neg. scars	Comments
16W/46S	3	CF?	glass	40	29	20	25.7	2	breaks	2 + 3, <22	Bladelets struck on frag. base of bottle; dubious
16W/896	9	anvil/ pound.									ovel flat pebble, 1 flat face pitted, scars broader end - recent?
16E/555	2	Mod.	ch, d	40	23	14	12.6	1	p		Adze fl?, tip broken, RU on 2m, 1 steep R, 1 UW
26/1309	1	CF	si, p	53	33	21	42.7	2	1 ss, 1 break	7 + 6 RU	Broken core used as steepscraper
26/1321	4	Mod	s. tuff	71	52	17	66.8	rmvd	mod.		inv. R on butt, irreg UW 2 m, steep RU on tip; scraper use?
27/324	5	Mod	si, oc	35	31	21	23.8	1	pl, br	sev. dor.	steep RU fr. vf. on tip; rounded we.
27/1931	6	Mod	pw/ s. tuff	73	26	28	64.2	1	pl, br	sev. dor.	steepsided, narrow, steep RU on tip & 2m
27/339	7	Mod. C	s. tuff	48	38	25	36.1	1	pl, br	sev. dor.	bif. RU on l. m
27/1989	8	C	si, oc	41	30	25	29.3	3?	pl		irreg., prob. on thick fl; UW on nosed part of plfm
27/324			r. ochre	<25			10.7				2 fragments
27/330			r. ochre	<20			1.1				1 fragment

Y2, general area - Flakes(F), flake fragments(butt and other = B x)

Loc.	#Y2-	Type	Mat.	L (mm)	W (mm)	H (mm)	Weight (gm)	Plfm type	Plfm surface	dorsal scars	state	Comments
16W/478	_B.2	butt	chert band	<30			2.9	f				1ridge blade
16E/1649	_F.7	F	s.tuff,y	20	24	7	2.6	br	pl	2? Plus ?		part of df is domed, is probably vf of earlier F
16E/2106	_F.19	F	s.tuff,y	43	42	14	22	med.	pl	30% Cx		splayed,hinge
26/240	_F.1	F	si,p	25	27	8	6.6	med.	pl	5	ventral dam.	square, flat, 2ridge
26/1337	_F.2	F	si,r	31	26	10	5.7	med.	pl	5?	plfm dam	skew, pointed, heated?
26/201 A2	_F.3	F	si,r	21	10	4	0.8	br	pl	irreg		bladelet,heated?
26/1724	_B.3	butt	si,y	<40			22.6	br	pl	3?		broad,coarse mat.
26/1339	_B.8	butt	s.tuff,y	<35			4.2	f	batt.			skew,tend.to hinge.Cf. F.11,F12,F.16,F.17
26/234	_B.1	butt	s.tuff,y	<25			2.5	br	batt.			1thick m = Cx
27/392	_F.10	F	chert, band.	28	22	9	4.7	br	pl	1+40 %Cx		curved dorsal ridge.Cf.F.14
27/347	_F.14	F	chert, band.	29	33	12	9.5	med.	pl	3?+25 %Cx	part m.lost	Rounded, central peak, df multi-dir. Scars.Cf.F.10
27/1920	_F.11	F	s.tuff,y	18	24	4	1.3	br	pl	1 centre		rounded, dished.Cf.F.12
27/1824	_F.12	F	s.tuff,y	23	26	5	2.2	br	pl	1		skew, dished.Cf.F.11
27/339	_F.16	F	s.tuff,y	24	22	6	2.4	f	batt.	3?		1ridge,skew, cf.F.11,F12
27/1903	_F.17	F	s.tuff,y	14	26	7	2.2	med.	batt.	2?	plfm dam?	flat, no ridge, hinge term. Cf.F11,F.12,F.16
27/1982	_F.20	F	s.tuff,y	12	16	3	0.6	br	pl	1		dished, rounded.
26/298	x4	FF	s.tuff,y	<25			2.6					twisted; flawed mat.
Loc.	#Y2-	Type	Mat.	L (mm)	W (mm)	H (mm)	Weight (gm)	Plfm type	Plfm surface	dorsal scars	state	Comments

Y2, general area - Flakes(F), flake fragments(butt and other = B x)

27/324	_F.4	F	s.tuff,b	25	18	6	2.1	f	pl	irr.	dam?	pointed, splayed,ridge
27/326	_F.5	F	si,oc-r	38	43	9	13.9	med.	pl	4?		splayed,tend.hinge
27/307	_F.6	F	si,r	14	16	4	0.8	f	pl	3?		rounded, dished
27/359	_F.8	F	si,y	26	18	6	2	f	pl	4?		1ridge,oval; vf irregular
27/369	_F.9	F	si,r	11	15	4	0.5	med.	pl			domed
27/1922	_F.13	F	si,r	22	35	9	5.4	br	pl	?		df pitted by heat
27/292	_F.15	F	si.grey	26	16	7	1.9	br	pl	3?	cone split?	df multidir scars
27/324	_F.18	F	s.tuff,y	35	35	11	9.9	f	batt.	2? Plus ?		rounded, flat, hinge term.
27/324	_F.21	F	si,r	16	16	4	1	med.	pl	2?		oval, df.irreg,heatpitted

		9		7si,2st		<40		no bl		4f		pl	
27/1966	_B.4	butt	si,r	<20						0.8	br	pl	df pitted by heat?
27/1908	_B.5	butt	si,y	<35						10.3	br	pl	broad, coarse mat.
27/1879	_B.6	butt	si,r	<20						1.5	br	pl	heated?
27/386	_B.7	butt	s.tuff,y	<25						2.3	br	pl	weathered
27/303	_B.9	butt	s.tuff,y	<15						0.6	br	pl	
27/324	_B.10	butt	si,r	<20						0.6	med.	pl	
27/345	_B.11	butt	si,r	<20						4.4	med.	pl	heat pitted
27/1810	_B.12	butt	si,y	<40						8.8	br	pl	part of plfm lost
27/1840	_B.13	butt	si,r	<25						5.1	med.	pl	heated?
27/1932	_B.14	butt	s.tuff,y	<15						0.3	f	pl	splayed, thin
27/1989	_B.15	butt	si,r	<15						0.5	med.	batt.	thin spall

		11		8si		1f							
16E/1649	x32	FP	s.tuff,y	<35						11.3			weathered
16E/1648	x22	FF	s.tuff,y	<35						2.3			fr.skew blade?
17/114	x1	FF	glass	<25						3.9			discoloured glass
17/122	x3	FF	s.tuff,y	<20						1.3			blade fragment
17/1029	x5	FF	si,r	<40						18.3			broad,rounded;good mat., heat treated
17/1029	x5	FF	si,r	<40						18.3			broad,rounded;good mat., heat treated
26/201	x2	FF	si,y	<30						3.4			coarse
26/1273	x6	FP	s.tuff,y	<65						43.4		dam?	tab.mat.;cX & pat.;RU

Y2:excavated material

Loc.	#Y2-	Type	Mat.	L (mm)	W (mm)	H (mm)	Weight (gm)	Plfm #	Plfm type	Plfm surface	# neg. scars	L.neg. scar	state	Comments
AreaA														
E16/N8														
s.1	A1-1	FF	si,y	<15			0.3							
s.2	A2-1	F	s.tuff,r	23	25	7	3.3		med.	pl	df >1		dam.	2.frag.s.joined
s.2	A2-2	butt	si,r	<10			0.1		med.	pl				chip
s.3	A3-1	FF	s.tuff,r	<25			1.4						dam.	tip;heat pitted df
E16/N9														
s.2	A4-1	F	si,p	15	13	5	0.8		med.	dam	3			multidir.df.scars
s.2	A4-2	F	si,p	16	10	4	0.4		br.	pl	4			1ridge microblade
s.2	A4-3	F	si,y	14	8	3	0.2		f	pl				df flat
s.2	A4-4	FF	si,y	<15			0.5							
s.3	A5-1	mod.	si,p	19	10	4	0.6		f?	pl				steep R on rm of 1 ridge flake
s.3	A5-2	FF	si,p	<15			0.2							
s.3	A5-3	FF	si,y	<10			0.1							
s.3	A5-4	FF	s.tuff,y	<15			0.3							tip of pointed flake
E17/N8														angular flaked,fine grained,flat polish?
s.1	A6-1	FF	?	<30			6.3							tip,2-ridge microbl.
s.1	A6-2	FF	s.tuff,y	<15			0.3							crumb of material
s.1	A6-3	FF	si,r	<15			0.5							crumb of material
s.1	A6-4	FP	si,r				3.4							crumb of material
s.1	A6-5	FP	si,r				0.8							crumb of material
s.1	A6-6	FP	si,r				0.6							
E23/N9														
s.1	A7-1	FF	si,grey	<10			0.2			pl				conesplit chip?
s.2	A8-1	F	si,r	14	20	5	0.8		med.	pl			dam.	splayed, irreg. heat affected
E25/N9														
s.1	A9-1	FF	s.tuff,y	<10			< 0.1							fragm. Of thin chip
s.1	A9-2	FF	si,r	<10			0.2							
s.2	A10-1	F	s.tuff,y	17	28	5	1.6		med.	Cx			dam.	splayed,dished
s.4	A11-1	FF	si,y	<25			1.9							fr.dished flake

Y2:excavated material

Loc.	#Y2-	Type	Mat.	L (mm)	W (mm)	H (mm)	Weight (gm)	Plfm #	Plfm type	Plfm surface	# neg. scars	L.neg. scar	state	Comments
Area A, cont.														
27E/7N														
S.1	A12-1	FF	si,r	<20			0.8							heat treated?
S.1	A12-2	F	si,r	30	18	11	2.6		br	break				1ridge,thick butt, thin narrow de.
S.1	A12-3	FF/CF?	chert?	<50			16.2							dark/red,banded, flawed,someCx
S.1	A12-4	butt	si,r	<25			3		br	pl				fr.dished flake
S.1	A12-5	FF	si,r	<15			0.4							
S.1	A12-6	FP	?	<55			21.6							fr. Cx, coarse mat.
S.2	A13-1	butt	si,p	<20			1.3		br	pl				dished,conesplit
S.2	A13-2	butt	si,p	<20			0.9		br	pl				1-ridge?conesplit
S.4	A14-1	F	si,grey	20	18	5	1.5		br	pl				skewed,pointed
S.4	A14-2	FF	si,grey	<20			0.8							note glass frags.
27E/8N														
S.1	A15-1	F	si,p	9	17	2	0.2		f	pl				thin,rect.;hinge
S.1	A15-2	FF	si,r	<10			0.1							rounded chip
S.1	A15-3	FF	s.tuff,y	<20			0.6							
S.1	A15-4	FF	s.tuff,y	<20			0.9							
S.1	A15-5	FP	si,r	<25			1.9							
S.1	A15-6	FF	s.tuff,y	<30		<8	3.6							pointed,2ridge
S.2	A16-1	FF	si,r	<25			2							
S.2	A16-2	FF	si?,r	<35			4.3							
27E/9N														
S.1	A17-1	F	si,y	14	12	3	0.3		br	pl				Thin prep.flake, fits into A17-2 df
S.1	A17-2	FF	si,y	<20			1.2							tip, dished flake
S.3	A18-1	ochre?					0.2							
27E/11N														
S.1	A19-1	ochre?					0.2							
S.2	A20-1	butt	si,grey	<25			1.1		med.	pl				conesplit? Skew?
S.3	A21-1	FF	si,y	<20			0.4							

Y2:excavated material

[illegible]