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## Report on the Dutch shipwreck collections

This page of drawings of articles from the wreck of the Zeeuw was the result of research done by Francis Douglas from 1898. Douglas managed the collection for Sir John, Charles Edward Broadhurst, and established a museum in the building, known as a Dutch Antiquary study from that time.

The items were carefully collected and listed, and later given to the newly established Western Australian Museum. It was the first time that a Dutch Antiquary study was established in Perth to study the items. The items were the result of research done by Francis Douglas from 1898. Douglas managed the collection for Sir John, Charles Edward Broadhurst, and established a museum in the building, known as a Dutch Antiquary study from that time.

*Myra Stanbury*

Special Publication — Department of Maritime Archaeology  
Western Australian Maritime Museum, No. 8  
November 2002

# **ANCODS 2002**

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**Myra Stanbury**

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## Introduction

This report gives a brief overview of the current status of the Dutch shipwreck collections—*Batavia* 1629, *Vergulde Draeck* 1656, *Zuytdorp* 1712 and *Zeewijk* 1727. It also includes brief summaries of research that has been undertaken and/or is on-going, and details of exhibition programmes involving the Dutch shipwreck material.

## Collections management

### Current status

The Department of Maritime Archaeology manages its Dutch shipwreck collections in accordance with the Commonwealth *Historic Shipwrecks Act 1976* and the ANCODS Agreement which comprises Schedule 1 of the Act. Both manual and computer databases/registers are maintained for the artefact and the numismatic collections. With the exception of some material recovered from land sites associated with the *Batavia* wreck in the 1960s and 1970s (i.e. from Beacon Island, West Wallabi, Long Island etc.), both the artefact and numismatic databases are up-to-date. The faunal material recovered during the 1960/70s *Batavia* land excavations is currently in the process of being re-catalogued following its identification and analysis by Honours student Ben Marwick (see Marwick, 1999); so too, the *Zeewijk* faunal material, following research by Sophia Boranga (see Boranga, 2000).

### Significant additions to the collection

- Cutlass (BAT 80308) recovered from Beacon Island. Amnesty donation.
- Collection of artefacts associated with *Batavia* survivors' camp site on West Wallabi Island. Recovered by Aquinas College in the 1960s. Donor: Aquinas College, Perth.
- Three *Batavia* coins recovered by the Federal Police.
- Various objects donated during the Amnesty period 1993–94.

- *Zuytdorp* model built by C. de Heer c. 1973–74, was purchased for the maritime archaeology collection from Mrs Petronella Muntz.
- A bronze sword buckle (ZW 5636) and a small, engraved glass tumbler (ZW 5637) recovered by Lieut. (later Captain) John Lort Stokes of HMS *Beagle* from Gun Island were returned to WA under Deed of Gift from the Nicholson Museum, Sydney University. Stokes had given the objects to Major Christie who then donated them to the Nicholson Museum. They are the only *Zeewijk* objects recovered by Stokes known to exist in Australia. (The gun after which Gun Island was named is in the Tower of London.) The objects with their original labels are displayed at the new Geraldton Museum.

### Databases

#### ARTEFACT DATABASE

The figures in Table 1 give an indication of the number of records currently held on the artefact databases. Many of the records refer to multiple units (i.e. more than one object per registration number) and does not, therefore, give a true representation of the actual number of objects in the collection. The records also include material that has previously been allocated to the Commonwealth and the Netherlands at previous meetings. Apart from material that has been raised post-1991 in the course of Museum excavations (i.e. *Batavia* and *Zuytdorp* related), a significant number of the new acquisitions resulted as anonymous and/or other donations associated with the 1993–94 Commonwealth Historic Shipwrecks Amnesty. (See later discussion of significant acquisitions.)

The number of objects currently on display at public venues is also indicated in Table 1 as a measure of public accessibility to the collections. These include venues associated with the Western Australian Museum (WAMM)—the new Western Australian Maritime Museum, the WAMM Shipwrecks Galleries (Commissariat

SHIPWRECK	TOTAL NO. OF RECORDS	RECORDS ADDED SINCE 1991	OBJECTS ON PUBLIC DISPLAY	OBJECTS IN CONSERVATION
<i>Batavia</i> (General)	6 817	488 (7.16%) [Includes 16 coin records]	822	696
<i>Batavia</i> (BILS)	1 052	1 052		
<i>Vergulde Draeck</i>	2 157	92 (4.26%)	411	106
<i>Zuytdorp</i>	1 302	152 (11.67%) [Includes 13 coin records]	177	114
<i>Zeewijk</i>	4 190	57 (1.36%)	394	25

Table 1. Artefact statistics.

SHIPWRECK	TOTAL NO. OF RECORDS	TOTAL NO. OF COINS	ANCODS ALLOCATION	STORAGE
<i>Batavia</i>	2 925	Not calculated	CMW 800 (16.747 kg) NL 800 16.66 kg WA 800	ANMM (96) MAD-SR (704) MAD-SR (800)
<i>Vergulde Draeck</i>	1 126	Not calculated	CMW 800 (11.3 kg) NL 800 (11.63 kg) WA 800	MAD-SR NL (sent 1983)
<i>Zuytdorp</i>	1 556	20,094 (Total wt = 67.740 kg)	CMW 1000 (3.530 kg) NL 1000 (3.43 kg) WA 1000 (3.9 kg)	MAD-SR (1000) MAD-SR (1000)
<i>Zeewijk</i>	20	20 (Copper x 12 = 33.10 g) Silver x 8 = 39.37 g)		

Table 2. Coin statistics.

Building, the Western Australian Museum Geraldton—loans to interstate museums and other organizations. A number of objects are still in the process of conservation, and others require reassessment (see later discussion on Conservation issues).

The Commonwealth Historic Shipwrecks Programme has provided funding since 1991 for the part-time employment of firstly, Ms Jenni Potts; secondly, Ms Nikki Sinclair; and, currently Ms Richenda Prall to assist in the maintenance of the artefact database, and more recently the numismatic database. This assistance is gratefully acknowledged.

The artefact database is accessible through the Western Australian Maritime Museum website: [www.mm.wa.gov.au](http://www.mm.wa.gov.au). A working group has been established by Environment Australia to develop a national shipwreck artefact database.

#### NUMISMATIC DATABASE

With the assistance of work experience employee, Martin Van Luyn, office of Southern Rehabilitation, and CentreLink volunteer, Mr Eric Car, the numismatic collection is now registered in electronic format (FileMaker Pro being the database application in use). Professor Walter Bloom (Murdoch University) was appointed as an Honorary Research Associate in 1998 to continue the work previously undertaken by Stan Wilson (see Obituary later in this report). The database is in the process of being reformatted prior to making it accessible on the Western Australian Maritime Museum website. The status of the numismatic collection is given in Table 2.

#### Conservation and Restoration

##### DISINTEGRATING CANNON BALLS

In the Department of Materials Conservation cast iron cannon balls recovered from shipwrecks are treated by hydrogen reduction and soaked in a 2% solution of caustic soda to remove salts. After salts have been removed the cannon balls are dried, coated with a rust inhibitor and consolidated with wax. Depending on their diameter it is usual for a batch of twenty to thirty cannon balls to be treated at any one time. The treatment process is the same for all cannon balls in the museum collection. Occasionally a cannon ball or two will disintegrate during the hydrogen reduction process or during the soaking procedure. In comparison with the number of successfully treated balls the number of disintegrated balls has been very low. The later disintegration of a few cannon balls, which appeared to have been treated successfully, may be a delayed occurrence of the phenomenon which occurs during treatment. An alternate reason for delayed disintegration may be due to the presence of residual salt and consequent corrosion activity. Salt release from iron objects is determined by analysis of the soaking solution. It is not practical, desirable or ethical to drill a sample from every ball to reaffirm adequate salt release following the washing procedure. This is commonly done with individual large objects such as cast iron cannon where the drill hole can be located in a discrete place and subsequently disguised. If salts remain trapped in casting defects such as small cavities or porous areas of a cannon ball its presence can result in renewed corrosion activity

after treatment. The phenomenon of disintegrating cannon balls is not restricted to the WA Maritime Museum. Around the world other institutions have experienced similar occurrences (Wendy van Duivenvoorde, 2002, pers. comm., 10 May). It is a process that requires investigation to determine the cause and find a remedy.

From: "Wendy van Duivenvoorde" <wvd@tamu.edu>

To: <Undisclosed-Recipient:@switch.tamu.edu;>

Subject: Fw: Occupational hazard!!

Date: Fri, 10 May 2002 00:21:46 -0400

X-MSMail-Priority: Normal

X-Mailer: Microsoft Outlook Express 5.00.2615.200

X-MimeOLE: Produced By Microsoft MimeOLE V5.00.2615.200

**Ancient Cannon balls Come to Life with a Bang**

Thursday, May 9, 2002

LONDON (Reuters) - Cannon balls retrieved from ancient shipwrecks are wreaking thunderous havoc centuries later — by exploding on the desks of archaeologists, *New Scientist* magazine said Wednesday. Robert Child, of the National Museums and Galleries of Wales in Cardiff told the magazine that he had recorded several instances where the old rusted balls of metal started to heat up and turn red, or explode after being exposed to oxygen.

In one case, a ball retrieved from a 1691 wreck heated up to a few hundred degrees after several minutes in the open air, began to glow a dull red and started burning its way through the pine table. "There was smoke coming off the bench," he told the magazine. Child said in several cases the prized artifacts had split open many weeks after they were pulled from the sea. He said the explosions happened because the balls had developed a lattice-like porous structure over hundreds of years that reacted with oxygen to produce massive amounts of heat. The combination of oxygen and sea salt caused rapid oxidation resulting in the balls "exploding" open and crumbling into bits.

**Jon Carpenter**

Department of Materials Conservation  
Western Australian Museum  
November 2002

**STATUS REPORT: WATERLOGGED IVORY FROM DUTCH SHIPWRECKS**

Samples of tusk material from the *Vergulde Draeck* have been analysed using a variety of techniques including chemical analysis (via inductively coupled plasma atomic emission spectrometry), automated powder x-ray diffraction, Fourier transform infrared spectroscopy and nuclear magnetic resonance spectroscopy. The aims of these analyses were to gain an insight into the extent and the nature of the degradation that had occurred during immersion in a marine environment. This work has been published recently (Godfrey, *et al.*, 'The analysis of ivory

from a marine environment', 2002, *Studies in Conservation*, 47: 29-45).

Following this work a research program was instituted to determine which, if any, conservation treatments were appropriate for ivory of differing degrees of deterioration. Subsequently, waterlogged ivory was treated with a series of different consolidants including Rhoplex AC-235, Primal MV-23, gelatin and in-situ silicone polymerisation processes (plastination and silicone oils treatments). Traditional consolidants were ineffective, with treated samples showing evidence of splitting and delamination. Both plastination and the silicone oils approaches were able to successfully consolidate ivory that ranged in condition from lightly to highly degraded. While it is acknowledged that these approaches show considerable promise further research is needed to determine the extent of impregnation and the long term stability of the treated materials. A paper describing the impregnation experiments is currently being drafted.

Dr Ian Godfrey

Department of Materials Conservation  
Western Australian Museum  
November 2002

**PEWTER OBJECTS**

A number of pewter objects appear to have undergone some deterioration since treatment in the 1970s. These are currently being stored in a sealed perspex container which is regularly flushed with Argon gas to maintain an inert environment. The matter is under investigation.

*Ancods allocations*

The balance of the Netherlands allocation and the principal Commonwealth allocation is still stored at the WAM Department of Maritime Archaeology. The following items from the Commonwealth collection were transferred to the Australian National Maritime Museum in October 1991:

<b>Reg. No.</b>	<b>Description</b>	<b>No of items</b>
BAT 381	Sounding lead	1
BAT 408	Blunderbuss	1
BAT 3306	Powder measure	1
BAT 2319	Apothecary jar	1
BAT 3442	Musket balls	20
BAT 8015	Cannon ball	1
BAT 8272	Cannon ball	1
BAT 15508A	Post-cranial human skeleton	1

GT 1101	1
Rat skull	
GT 1393	1
Elephant tusk	
GT 1028 MN-PQR-TUVWX	10
Clay pipes	

Additional material was transferred in September 1999 for the VOC exhibition:

Reg. No. Description	No of items
GT 825 Rheinish beardman jug	1
GT 833 Rheinish beardman jug	1
BAT 38741 Gilded silver cherub.	1

### Knowledge Generation

#### *Batavia skeletal research*

The mutiny and subsequent massacre of survivors of the United Dutch East India Company ship *Batavia*, wrecked on Morning Reef in the Wallabi Group of the Houtman Abrolhos in June 1629 has long been recognised as one of the most notorious and fascinating incidents in maritime history. Popular accounts of the disaster and fate of the 230 men, women and children who were stranded on a group of small, waterless, coral islands while the ship's Commander, Francisco Pelsaert, accompanied by senior ranking officers, some crew and passengers, ostensibly sailed away in search of water, were being published as early as 1647 (Jansz, 1647). Versions of the story appeared in Dutch, English and French texts.

In modern times, interest was renewed by fictionalised versions of the wreck saga by historian Henrietta Drake-Brockman (1957) and her subsequent publication of an English translation of Pelsaert's Journal, including the confessions of the mutineers (Drake-Brockman, 1963). Human skeletal material and dateable artefacts were located on Beacon Island in 1960 (Halls, 1964) but attracted little publicity until 1963 when the location of the *Batavia* wreck site was discovered. Subsequently, both the island and the underwater site became subject to extensive disturbance by amateur investigators and 'treasure' hunters (Edwards, 1966; Tyler, 1970; Stanbury, 1998). While the wreck became the focus of intensive professional maritime archaeological investigation (Green, 1989), the land sites experienced limited historical or archaeological study.

Over the past 8–10 years, the Department of Maritime Archaeology has consistently sought funding to undertake such research. Applications have been made for National

Estate and ARC funding, with no success. Small amounts of money have been made available through the Commonwealth Historic Shipwrecks Grant, but this too has been insufficient to launch the type of thorough investigations required.

In the meantime, however, assistance from university students, professional forensic and other volunteer expertise has facilitated an on-going programme of research associated with the land archaeological collection, in particular the human skeletal material.

A mutual interest on the part of staff of the forensic department of the Queen Elizabeth II PathCentre, Perth, and Museum personnel has led to a number of developments of benefit to both institutions. These relate to:

- (a) replication techniques for skeletal material; and
- (b) methods of cranio-facial reconstruction.

#### REPLICATION OF SKELETAL MATERIAL

For some time, in archaeological, anthropological and museological circles, there have been world-wide, ethical debates concerning the repatriation of human skeletal material held in various museum and scientific collections, and the public display of such material. In respect to material deriving from historic shipwrecks, the Commonwealth department responsible for the administration of the *Historic Shipwrecks Act 1976* devised a set of draft principles concerning some of the above issues (Department of Communications and the Arts [DCA], 1997). The possibility of these being ratified, made it necessary to investigate methods whereby accurate replicas could be made so that they could (a) effectively replace original material on display should the need arise; and (b) be of sufficient accuracy that they could be used with validity for research purposes should the original material have to be repatriated and/or re-interred at any time in the future.

Communication with personnel at the PathCentre revealed a similar need, albeit with different objectives. Here, there was a requirement for replicas which could (a) be used for teaching purposes; (b) for forensic records and analysis; and (c) for legal exhibits, for example in homicide cases. In the latter case, the replicas would need to stand up to legal scrutiny in terms of accuracy otherwise they would be inadmissible as legal evidence.

With a small amount of funding made available by the PathCentre, Drs Stephen Knott (Forensic Dentist) and Alanah Buck (Forensic Anthropologist) undertook an experimental programme of bone replication using a variety of replication materials and methods to assess ease of manufacture, degree of accuracy and cost effectiveness. The latter was an important aspect for both parties: to minimise the costs for museum replicas; and, to rationalise and gain acceptance for the use of these procedures in legal inquiries.

Many of the stereo-lithography and Computer Tomography (CT) methods of making three-dimensional

	INDIVIDUAL	BODY PARTS	YEAR	SEX	AGE	TRAUMA	PATHOLOGY	POSSIBLE IDENTITY
1	BAT 3901M	Skull & body	1960	F	16–18	Cut marks	5 Harris lines, hypoplasia	Maijken Cardoes, passenger
2.1	BAT 15508A	Body	1963	?	16–18	Musket ball ?	Light scoliosis	Jan Dircxsz., mutineer
2.2	BAT 15831A	Skull	1963	?	18–23		Hypoplasia, periodontitis	
3	BAT 15507A	Skull & body	1963	M	35–39	Cut mark	15 Harris lines	?
4	BAT 16316A	Skull	1964	M	33–37	Cut marks		Hendrick Denijs, assistant
5	SK7	Skull & body	1999	M	20–25		Periostitis, scoliosis, osteoarthritis	Jacob Hendricxsz., carpenter
6	SK8	Skull & body	1999	?	12–14			Sick cabin boy
7	SK9	Skull & body	1999	?	5–6			Gilletgien Hardens, girl, aged 6
8	SK10	Body	1999	?	Adult			
9	SK11	Body	1999	?	Adult		Light scoliosis	
10	SK12	Teeth	2001	?	Baby			Baby, c. 9 months
8/9	SK5	Skull	1994	?	40–45			?
8/9	SK6	Skull	1994	M	30–35	Cracked skull and dispositioned tooth		Passhier van den Enden, gunner

Table 3. Human skeletal material from the *Batavia* recovered as at 2002.

replicas are extremely expensive, making the technique somewhat prohibitive for regular forensic use, and likewise for museum purposes (c. \$1 500 per skull). (The technique is generally used for fabricating prostheses for artificial limbs and reconstructive cranio-facial surgery where accuracy is essential.) However, these methods do provide a means whereby the diagnostic features of the skeletal components can be stored on computer, forming a permanent part of the archaeological record for a particular individual(s). The data can be used at any time to view the skull or other bone from any perspective and to make prototype models for casting and facial reconstruction.

#### CRANIO-FACIAL RECONSTRUCTION.

One of the ultimate objectives of accurate replication of skulls in particular is to effect a cranio-facial reconstruction of the individual. Various techniques for cranio-facial reconstruction have been in use for a number of years, principally employed to assist in criminal investigations

where homicide victims cannot be easily identified. One of the early uses for museum purposes was to experimentally determine whether the iconography placed on Egyptian mummies in the British Museum collection represented a likeness of the individual. Later it was recognised as a useful tool for bringing ancient people 'to life'.

After attending an international conference on cranio-facial reconstruction and workshop in Melbourne, in 1997, Dr Stephen Knott, Michael Standish (Dental Technician) and Myra Stanbury discussed the possibilities of developing a technique in Perth which could be used for museum specimens, and for homicide victims (see Stanbury, 1997). One of the objectives was to try to develop a technique which would overcome some of the problems encountered using earlier methods, and again, to achieve a cheaper, though accurate result.

After many months of patient trials, the first result of Dr Knott's experimental work on the *Batavia* skull BAT 16316A, identified as belonging to a male in his mid-

	INDIVIDUAL	YEAR	SEX	AGE	TRAUMA
1	BAT 3901M	1960	F	16–18 Sub-adult	<ul style="list-style-type: none"> <li>• 1 Sharp force trauma to the apex of the cranial vault.</li> <li>• Situated on the right parietal and across the sagittal suture.</li> <li>• Tangential partial thickness injury.</li> <li>• Outer table of cortical bone removed.</li> <li>• Probably facing away from assailant - due to location on vault consistent with a 'glancing' blow.</li> <li>• Weapon - sharpbladed - consistent with either (a) sword/cutlass; or (b) heavier implement.</li> </ul>
2	BAT 15507A	1963	M	35–39 Adult	<ul style="list-style-type: none"> <li>• 1 sharp force trauma to the apex of the cranial vault.</li> <li>• Situated anterior to the coronal suture.</li> <li>• The trauma is best described as an 'incised' wound as it is longer than it is deep.</li> <li>• An area of bone from the outer cortical table (semi-lunate in shape) is also missing. This appears to have been caused by the forces radiating out from the impact site, causing a 'percussion flake' of bone to be removed. The torsional forces that would occur when the blade was removed from the wound may also have contributed to this flaking.</li> <li>• The angulation and depth of the wound suggest that the victim was either (a) facing the assailant at the time the blow was delivered (right-handed blow); or (b) facing away from the assailant (left-handed blow). The victim was probably standing at the time.</li> <li>• Weapon – sharp-bladed instrument, possibly a sword/cutlass.</li> </ul>
3	BAT 16316A	1964	M	33–37 Adult	<ul style="list-style-type: none"> <li>• 3 sharp force traumas to the left parietal and occipital regions of the cranium.</li> <li>• Wound #1 – situated on the right parietal and occipital regions of the cranium.</li> <li>• Wound #2 – situated on the right parietal – antero-superior to the occipital suture.</li> <li>• Wound #3 – situated inferior to wound #2 on the occipital.</li> <li>• All 3 are 'incised' wounds.</li> <li>• Wound #1 – a percussion flake, as described above, is also associated with this impact site.</li> <li>• Direction of attack – (a) facing assailant (right-handed) – first blow to the parietal, second and third to the occipital; (b) facing away from assailant (left-handed).</li> <li>• Weapon – Due to depth of wounds – sharp-bladed instrument, perhaps heavier than that seen in victim BAT 15507A.</li> </ul>

Table 4. Forensic analysis of *Batavia* victim trauma by Dr Alanah Buck, QEII PathCentre, Perth.

thirties (see Pasveer, *et al.*, 1998: 46), was finally revealed. This clay reconstruction, though awaiting some final touches, was shown in a 'Big Weekend' feature article in *The Western Australian*, in November 1999 (Amalfi, 1999). Although not yet publicised, the reconstruction stimulated the interest of a Dutch family living in Perth by the name of De Vries. The family recognised certain family traits in the appearance of the first *Batavia* victim to be 'brought to life'. Furthermore, a published family history, with genealogy dating back to the early 18th century, and loaned to the Museum for assessment, shows that it could be possible to trace modern ancestors of *Batavia* victims. In this instance, however, there is insufficient evidence at

present to make a definitive connection, but the public response demonstrates the possibilities that may exist, not to mention the general interest that this has generated.

#### RECENT ARCHAEOLOGICAL WORK AT BEACON ISLAND

In September–October 1999, with the assistance of a \$29 000 Coastcare/Coastwest Grant, the Department of Maritime Archaeology, aided by other local government agencies (Fisheries WA and CALM), community organisations (Maritime Archaeological Association of WA [MAAWA]) and other volunteer assistance, undertook a survey and archaeological excavation of sites associated with the *Batavia* on Beacon Island. While the main

objective was to develop a Management Plan for these cultural heritage sites with the assistance of the community, the results of the archaeological excavation are contributing to current research relating to the unfortunate *Batavia* victims.

The fieldwork included the excavation of a disturbed mass grave of the *Batavia* mutiny victims on Beacon Island (under the archaeological direction of Dutch physical anthropologist Juliette Pasveer), and the mapping and surveying of several islands in the Wallabi Group using non-invasive methods. The results have provided a wealth of information about the mutiny victims and the circumstances of their burial. Application of various techniques such as Ground Penetrating Radar, magnetometer and metal detector were applied in order to detect undisturbed archaeological (grave) sites so that they may be protected against future disturbance.

A previously disturbed and vandalised burial site on Beacon Island was excavated to reveal a mass grave. Through a detailed study of Pelsaert's Journal, various hypotheses present as to who the victims might be—perhaps the Predicant's family, or possibly other persons. Results of the work to date have been published in an Interim Report (see Stanbury, *et al.*, 1999).

The grave contained the remains of five individuals: two children of 5 and 12 years old, and three adults. Also various other artefacts, such as a pewter spoon, eighteen decorated buttons, and remains of fabric, were found in the burial pit. The way they were buried together in a small circular pit strongly suggest that they did not die a natural death.

Subsequent excavation of a remaining consolidated central mass of material (affectionately termed 'the blob') was undertaken in March 2001, with funding assistance from WA film company Prospero Productions. This was conveyed to the Conservation Laboratory at Fremantle where it was excavated by Dr Alistair Patterson and Juliet King of the Centre for Archaeology, University of Western Australia. This was found to contain human skeletal material, remains of a brass thimble and several iron corroded buttons. Samples were taken for radio-carbon analysis.

Field data about the grave site and the skeletons has been introduced into PhotoModeler, a program which produces a computerised three-dimensional reconstruction of the grave. This will provide excellent opportunities not only for research, but also for display purposes. The results of the above-mentioned research will lead to a better understanding of the dreadful events on the Abrolhos in 1629, and will contribute to our knowledge of life in the 17th century in the north-west corner of Europe. We hope that the combination of archaeological and historical sources about the *Batavia*, will eventually lead to the identification of the victims.

To establish the family connections between any of the excavated victims, and to determine their sex, requires that samples of the bones be tested for genomic and

mitochondrial DNA (mtDNA). Taking the DNA samples requires specialist expertise in order to ensure that they are not contaminated in any way by modern DNA from persons who may have handled the bone samples. Assistance with earlier sampling was forthcoming from the Department of Forensic Biology, PathCentre (Laurie Webb), and from the John Tonge Centre for Forensic Sciences, Queensland Health and Scientific Services (Leo Freney and Peter Clausen).

Unfortunately, an initial sample submitted for mtDNA analysis from the femur of the post-cranial skeleton held by the Australian National Maritime Museum (BAT 15508A) failed to produce an identifiable sequence. Teeth from skull BAT 15831A which had also been submitted to test the association of the two sets of skeletal remains were therefore withdrawn from analysis since the procedure not only involves the destruction of the teeth, but also because techniques for extracting mtDNA from the teeth of ancient archaeological specimens are still in the developmental process.

Computer Tomography (CT) scanning of recently recovered skulls has been undertaken courtesy of Neil Hicks, Sir Charles Gairdner Hospital. The models generated by these scans have assisted in the reconstruction of incomplete and/or fragile juvenile skulls. They are also assisting in the identification of non-skeletal objects recovered from the excavation.

New reconstruction techniques developed by Dr Stephen Knott, Forensic Dentist, QEII PathCentre, have enabled the skulls of two juveniles recovered from the mass grave on Beacon Island to be pieced together. Computer data derived from CT scans of these and two adult skulls (4 in total) were then processed by stereolithography, a rapid prototyping technology, to produce accurate three-dimensional models. Rapid prototyping builds physical models directly from CAD (computer aided design) data. A computer controlled UV laser beam builds the model layer by layer from a vat of liquid polymer which solidifies when exposed to the intense light. The work was undertaken by Rapid Prototyping of Canning Vale with assistance from Prospero Film Productions, conservation and archaeology staff.

Mr Eric Car then assisted Dr Knott to prepare the models so that prototype moulds could be produced, firstly, for developing a clay facial reconstruction; and, secondly, for casting a wax model from the clay reconstruction. The techniques employed will feature in a documentary film being produced by Prospero Productions led by Ed Punched and Julia Redwood.

Stephen Knott visited the Madame Tussaud's laboratories in London in August 2000 to observe how they make the wax models and gain information about the materials and techniques used.

**The project to date**

As indicated in the previous outline, the project to date has been the beneficiary of a considerable input of resources in the form of:

- access to professional technical and scientific expertise, and advice;
- access to and provision of costly analytical procedures and investigative technology;
- access to external video/photographic services;
- supply of replication materials, labour and other services;
- local government agency contributions in kind; and
- voluntary assistance from private community organisations, and tertiary institutions.

The assistance of the following organisations and personnel is gratefully acknowledged:

- Fisheries WA
- Conservation and Land Management (CALM)
- Geraldton Professional Fishermen's Association (Rod Dransfield and John Ashplant)
- Maritime Archaeological Association of WA (MAAWA)
- Curtin University of Technology (Bruce and Todd Montgomery, Jochen Franke and Dean Henry)
- University of Western Australia (Prof. B. Gilkes, Dr B.M. Rohl, Dr E. Ghisalberti; and students)
- Geraldton TAFE
- Queen Elizabeth II PathCentre (Drs Clive Cooke, Stephen Knott and Alanah Buck)
- Sir Charles Gairdner Hospital (Neil Hicks)
- John Tonge Centre for Forensic Sciences (Leo Freney and Peter Clausen)
- PRISM Australia (Greg Joyce)
- Adam O'Neill (Consultant Geophysicist)
- Batavia Coast Maritime Heritage Association
- Fisheries WA—Volunteer Group
- Centre for Archaeology, University of Western Australia
- Rapid Prototyping, Canning Vale, WA
- Prospero Productions

In value terms, the 'in kind' contributions made to date (including the recent Coastcare: Abrolhos Islands Project) would amount to c. \$50 000. In addition, a Coastcare/Coastwest Grant for 1999–00 has provided a financial contribution of \$29 000 and the Department of Maritime Archaeology, through its Commonwealth Historic Shipwrecks Grant, has contributed a matching amount. The Western Australian Museum Foundation awarded \$4 000 towards the development of a wax model for display purposes.

Given the popularity of television programmes such as *Secrets of the Dead* and *Meet the Ancestors*, it is anticipated that an exhibition featuring the *Batavia* research would generate public interest and would provide a new and

innovative attraction which could be shared between both the Fremantle and Geraldton venues.

Aspects of the research have already featured in a TAFE educational broadcast on Forensic Science which was televised to schools in regional areas throughout WA. The *Batavia* material was used to demonstrate the work of the forensic scientist, how they determined the way in which a victim died and analysed the crime scene.

A documentary film on the *Batavia*, produced by Prospero Productions as part of the series *Shipwreck Detectives* will screen on ABC and National Geographic channels in the New year.

*Beacon Island land sites and the victims of the Batavia*

The *Batavia* skeletal collections were made available to researchers and scholars. Ms Bernie Hunneybun, Mr Dan Franklin, Centre for Archaeology, University of WA successfully completed a Bachelor of Science Honours degree for her work entitled *Skullduggery at Beacon Island* in 1995. Ms Hunneybun re-examined the available skeletal collection and compiled a database of the crew and passengers on the *Batavia* from which provisional identification of the victims was made. (The database was later refined by Ms Marit van Huystee and the identifications reassessed by Ms Juliette Pasveer.)

Mr Dan Franklin, Centre for Archaeology, University of WA successfully completed his Bachelor of Science Honours thesis entitled *A Bioarchaeological Investigation of Beacon Island Land Sites and the Victims of the Batavia Mutiny* in 2001. This work included a parametric analysis of the material raised during the 1999 excavations.

Dr Stephen Knott is planning to undertake post-graduate research of the dentition of the victims, possibly under the auspices of the new University of Western Australia Dental School. Scanning Electron Microscope (SEM) analysis of some of the teeth has already been undertaken but the results await interpretation. It is anticipated that the findings will provide some indication of the diet of the survivors and the stresses to which they were exposed.

*Batavia faunal analysis*

Mr Ben Marwick, Centre for Archaeology, University of WA successfully completed a Bachelor of Arts Honours thesis on the subsistence behaviours of the *Batavia* survivors. His work included the identification and an analysis of the faunal material recovered during 1960s–70s excavations on Beacon Island and West Wallabi Island (Weibbe Hayes' encampment) with the aim of comparing how the two groups of survivors subsisted in differing environments.

Marwick's work draws on a paper by Dr Martin Gibbs entitled 'Maritime archaeology and behaviour during crisis—the wreck of the VOC ship *Batavia*' (Gibbs, 2002). Gibbs undertook exploratory test excavations on Beacon Island in May 1992 and conducted the preliminary assessment of the 'mass grave site' in 1994. His

development of a theoretical model for analysing survivor behaviour (see also Gibbs (in press, 2003) 'The archaeology of crisis: shipwreck survivor camps in Australasia') is a new departure in archaeological studies and is relevant to the *Zuytdorp* and *Zeewijk* situations.

#### *Batavia lace*

Ms Angharad Rixon successfully completed a Bachelor of Arts Honours degree from the University of Wollongong in 2001 for her study of the lace fragments from the *Batavia*. Her analysis has shown that the lace is 'simple, modest and made with poor quality thread' (a mixture of linen and cotton fibre as opposed to pure linen) (Rixon, 2001). An article on the results of her research is currently in press for the *Bulletin of the Australasian Institute for Maritime Archaeology*.

#### *Batavia trumpet*

The survival of musical instruments from shipwreck sites is a relatively rare occurrence. Parts of a valveless (or natural) brass trumpet which were identified among the objects belonging to the *Batavia* thus represent a find of considerable significance.

While most of the tubular pieces were raised from the wreck site over a period of more than a decade, a finely engraved section—the bell garland—was the first piece of material evidence that the *Batavia* was wrecked in the Wallabi Group of the Abrolhos and not the Pelsaert ('Southern') Group. Found on Beacon Island by the late Mr O. 'Pop' Marten, the crumpled piece of metal was shown to bear the inscription: 'MACHT ICH CONRAT DROSCHEL M DCXXVIII' — Made by Conrat Droschel 1628.

Droschel was a well known trumpet maker in the German city of Nürnberg (Nuremberg). Only one other trumpet made by this instrument maker is known to exist. It was found in 1996 by Graham Nicholson of Den Haag, Holland, in the unexhibited musical instrument collection of St Annen's Museum in Lübeck (Germany). Made by Conrat Droschel in 1640, it is said to have been used at the coronation of Tsar Peter the Great. A similar style of trumpet made by Droschel's apprentice, Michael Nagel, was recovered from the Royal Swedish Flagship *Kronan* (1676).

Students at the University of Western Australia School of Music learn to play replica Baroque trumpets, as these natural trumpets are now referred to. The original instruments were considerably difficult to play, having no valves to enable the playing of consecutive notes. Modern versions have been slightly modified with finger-holes which make the correction of some notes easier. The University School of Music kindly loaned one of their instruments to complement the temporary *Batavia* trumpet display.

The survival of the trumpet parts, especially the trumpet mouthpieces, has generated a considerable interest among international baroque trumpet players such as Paul

Plunkett and brass instrument makers in Australia, The Netherlands, Germany and England. Mr Karl F. Hachenberg of Wissen, Germany, has been researching the manufacture of Nürnberg trumpets for many years and has utilised the results of the metallurgical analysis of the *Batavia* Droschel trumpet in a paper presented to a Symposium convened by the German National Museums.

#### *Batavia portico*

Ms Marit van Huystee, a Dutch linguist specializing in 17th century material carried out an archival translation project under a Fugro grant. The project identified new information about the *Batavia* Portico. It was originally thought that the portico which was lost in the wreck was for the Waterport of the Castle at Batavia. However, it was known that the Waterport entrance was completed in 1630, which was too soon for a new one to have been sent to the Indies. We now know that there were four gateways, three were completed in 1630 and one in 1637. The lost portico was destined for this and it took seven years for a new one to be sent.

Samples of the *Batavia* sandstone were sent to Dr Des Thomas Fusenig of the Weserrenaissance-Museum Schloss Brake in 1998 for geological analysis (undertaken by Prof. W. von Zimmerle). The stone was compared with a range of material the German geologists had collected as part of their research into Renaissance buildings in the Weser region. Geological comparison with known quartzose occurrences in the River Weser area showed a high probability that the *Batavia* blocks were quarried from Lower Cretaceous outcrops at Obernkirchen (about 40 km west of Hannover) close to the navigable Weser river (Zimmerle, 1999). From Minden or Petershagen on the riverbank, the stone was shipped down the Weser to Bremen where it was sold for export by Bremen merchants who monopolised the stone trade at the time of the *Batavia*. The stone, therefore, was often referred to as 'Bremen stone'. On sea-going vessels, pre-fabricated stone blocks were carried to the Netherlands and further afield.

#### *Zeewijk (1727)*

Ms Sofia Boranga conducted a useful analysis of the faunal material excavated from sites associated with the *Zeewijk* survivors as part of a Post-graduate Diploma in Archaeology, Centre for Archaeology, University of WA. One of the aims was to discern whether the spatial patterning of the remains provided any indication of social status among the survivor groups.

### **Loans and Exhibitions**

#### *New Batavia Project in Lelystad (Resolution 91.5)*

A piece of frame timber (BAT 6112) was sent to the Netherlands in 1990 for incorporation into the New Batavia at Lelystad.

Shipwreck	No of Amnesty registrations	No of artefacts	Bricks	Ceramics/Clay pipes	Glass	Bronze/Copper alloy etc.
<i>Batavia</i>	60	112	29 (25.89%)			5 (4.4%)
<i>Vergulde Draeck</i>	137	194	63 (32.5%)			
<i>Zuytdorp</i>	41	82		31 (37.8%)		16 (19.5%)
<i>Zeewijk</i>	81	560	4 (0.7%)	184 (32.8%)	337 (60%)	

Table 5. Dutch artefacts submitted for registration during the Commonwealth Historic Shipwrecks Amnesty 1993–94 (not including coins). The figures are as at 1996.

#### *Amsterdam University Exhibition April 1995*

A selection of *Batavia* objects including coins, a skull, a silver ewer and a brass seal were exhibited in Amsterdam to coincide with the launching of the New *Batavia*.

#### *Geraldton Museum*

A temporary exhibition featuring the *Batavia* lace and lace bobbins, with accompanying exhibits relating to lace-making from the History collection, was prepared for the June 1996 *Batavia* Week celebrations at the Geraldton Region Museum.

A small number of surviving parts of a natural trumpet made by Nürnberg trumpet maker Conraet Droschel in 1628 were displayed as a feature of the Geraldton Region Museum's *Batavia* Week Celebrations in 1997. A modern baroque trumpet loaned from the School of Music at the University of Western Australia formed part of the display which was enhanced by recorded baroque trumpet music.

#### *Shipwrecks Gallery—Western Australian Museum Geraldton*

In preparation for the opening of the Shipwrecks Gallery at Geraldton, Mr Geoff Kimpton led a team including Messrs Neil Southam and Damon Lee in the replication of the *Batavia* portico. He then supervised its transfer, together with a *Batavia* hull diorama to Geraldton and then its installation in the Shipwrecks Gallery.

The new Shipwrecks Gallery presents stories associated with all four Dutch shipwrecks. The involvement of the local community in the fabrication of show cases, lighting and other aspects of the installations has generated a positive sense of 'ownership'. Students from Geraldton TAFE constructed a gun carriage for the composite cannon (the pair to the one in the *Batavia* Gallery) and a group of students are currently working on the construction of a replica of the *Batavia* long boat.

#### *Western Australian Maritime Museum Shipwrecks Galleries*

The *Hartog to De Vlamingh* exhibition installed in 1997 at the time of the ANCODS Colloquium is still proving a most popular exhibition, although much of the original archival material is now displayed in facsimile format. The exhibition was originally intended to run for one year only.

Mr Geoff Kimpton completed a gun carriage for the *Zuytdorp* cannon recovered by museum staff in 1988

utilising funds donated by Trustee and WAMM Board member Mr Peter Hickson. It was unveiled at a ceremony in the museum gallery in January 2001.

Following the installation of the replica portico at Geraldton, Mr Kimpton, as Chair of the *Batavia* Gallery Committee, installed three new exhibits featuring objects related to the structure of the *Batavia*. These link with improved interpretive signage to better explain the structural and other features of the reconstructed hull. The composite gun off the *Batavia* has been relocated to this gallery and other exhibits have been refurbished.

An exhibition about the stone anchor recovered in Galle Harbour was installed as a corridor exhibit to illustrate the Australian/Dutch collaborative work in Sri Lanka. The replica of the stone anchor was made by Tom Vosmer.

#### *New Western Australian Maritime Museum*

A selection of coins from the *Zuytdorp*, an astrolabe from the *Vergulde Draeck* and a replica of the De Vlamingh Plate will feature in the Indian Ocean Gallery.

#### *Weserrenaissance-Museum Schloss Brake, Germany*

In 2000, coinciding with world Expo 2000 at Hannover, the Weserrenaissance-Museum Schloss Brake launched an exhibition commemorating the international relations of the Weser region during the 16th and 17th centuries. The 1997 discovery of an 18th-century shipwreck in the River Weser, loaded with stones from quarries at Obernkirchen, prompted them to make a scale model of the *Batavia* portico from information supplied by the Western Australian Maritime Museum. The planned model was to be large enough for people to walk through, an example of the pre-fabricated architecture produced at Obernkirchen in the 16th–17th century.

#### **Commonwealth Historic Shipwrecks Amnesty 1993–94**

Registration of material notified under the Historic Shipwrecks Amnesty (coins and artefacts) was undertaken from 1993 to post-1996. Figures detailing the numbers and types of artefacts registered are shown in Table 5. The Amnesty stimulated the donation of objects registered at previous amnesties and the anonymous donations of unregistered objects.

Several thousand coins were registered, principally from the *Batavia*, *Vergulde Draeck* and *Zuytdorp*. A selection of *Batavia* coins, chosen by Stan Wilson, was donated by an international coin dealer and two *Vergulde Draeck* coins were purchased by the WAMM for the collection.

### **Site Management**

#### *Training of Inspectors*

Eleven Western Australian Fisheries Officers from the Mid-West (Geraldton) Region successfully completed a two-day training course and workshop in October 1999 to allow them to operate as Inspectors under the Commonwealth *Historic Shipwrecks Act 1976*. The course was designed by Shirley Strachan (Heritage Victoria) and Peter Sullivan (Consultant) who convened the workshops in collaboration with staff of the Department of Maritime Archaeology (J. Green, M. Stanbury and D. Garratt). The appointment of the Inspectors will assist Departmental staff with the management of cultural heritage sites associated with historic shipwrecks, especially those in the Houtman Abrolhos system (i.e. *Batavia* & *Zeewijk*).

### **Obituary**

#### **Stan Wilson AM MPS PhC JP**

(29 September 1920–10 December 1999).

Stan Wilson is fondly remembered by staff of the Western Australian Museum for his dedicated work as an Honorary Curator of Numismatics in the History and Maritime Archaeology departments. Stan's interest in numismatics was secondary to his profession as a pharmacist, but none the less important. Throughout his retirement he continued to work on the Museum collections until ill-health prevented this. At a special luncheon in his honour, Stan was presented with a commemorative certificate, specially designed and mounted by Museum staff, recognizing his many years of valued service. Stan leaves a wife, Pamela, and two daughters, Patricia and Lesley (Temple).

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## Appendices

A. Material registered since 1991: *Batavia, Vergulde Draeck, Zuytdorp and Zeewijk.*



ANCODS 2002: *Batavia* material registered since 1991

11/7/02

Wreck	Reg. No.	Matco.	No. Items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	1158	17	1	Stone piece.	MABAT	C7		7/5/92	Located inshore reel near SP 1
BAT	1159	12	1	Stone, black - coal	MABAT		9/5/92	9/5/92	
BAT	1160	12	3	Coal	MABAT		9/5/92	9/5/92	
BAT	1161	14	1	Whetstone/sharpening stone	MABAT		9/5/92	9/5/92	
BAT	1162	17	1	Stone, small unspecified.	MABAT	C7	9/5/92	9/5/92	
BAT	1163	14	1	Sharpening stone, piece	MABAT		11/5/92	11/5/92	
BAT	1164	12	2	Coal	MABAT		12/5/92	12/5/92	
BAT	1165	14	1	Sharpening stone fragment	MABAT		12/5/92	12/5/92	
BAT	1166 a b	10	1	Building block: small piece only.	MABAT	C7		10/2/98	Unregistered in collection. Divided for destructive analysis; B to Dr Des Thomas Fuserig, Weserrenaissance-Museum Schloss Brake, Zweckverband Weserrenaissance-Museum, Forschungsprojekt, Schloss Brake, 32657 Lemigo, Germany, 10/2/98
BAT	1167	11	2	Pieces of slate or shale.				3/10/99	
BAT	1168	17	1	Piece of unidentified stone.	MABAT	C7		3/10/99	
BAT	1169	10	1	Ballast stone - possible portico block				24/2/2001	WAMM expedition
BAT	1170	17	1	Stone - ballast ?				28/2/2001	WAMM expedition
BAT	1171	17	1	Stone - ballast ?				28/2/2001	WAMM expedition
BAT	1172	17	1	Shaped stone	GM	Ship Gall. BAT 5	17/8/1967	9/5/2001	WAM expedition 1967
BAT	1173	17	23	Stones (9), bone frags (2) + nails (12)	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	21654	21	1	Jug handle fragment	MABAT		6/5/92	6/5/92	Finder CP (Colin Powell?)
BAT	21655	21	2	Jug, base sherds	MABAT		6/5/92	6/5/92	Finder CP (Colin Powell?)
BAT	21656	21	4	Jug, body sherds	MABAT		6/5/92	6/5/92	Finder CP (Colin Powell?)

ANCODS 2002: *Batavia* material registered since 1991

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Wreck	Reg. No.	Matco.	No. Items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	21657	21	1	Jug, body sherd- Seigburg	MABAT		6/5/92	6/5/92	Finder CP (Colin Powell?)
BAT	21658	21	1	Westenwald sherd	MABAT		7/5/92	7/5/92	
BAT	21659	21	2	Raeren sherds	MABAT		7/5/92	7/5/92	
BAT	21660	21	1	Neck sherd, Cordon	MABAT		7/5/92	7/5/92	
BAT	21661	21	1	Jug body sherd w/ part mask	MABAT		7/5/92	7/5/92	
BAT	21662	21	1	Mask sherd	MABAT		7/5/92	7/5/92	
BAT	21663	21	6	Medallion sherds	MABAT		7/5/92	7/5/92	
BAT	21664	21	4	Seigburg sherds	MABAT		7/5/92	7/5/92	
BAT	21665	21	5	Jug, base sherds	MABAT		7/5/92	7/5/92	
BAT	21666	21	1	Jug, part neck and handle	MABAT		7/5/92	7/5/92	
BAT	21667	21	1	Jug, neck sherd	MABAT		7/5/92	7/5/92	
BAT	21668	21	2	Jug, handle sherds	MABAT		7/5/92	7/5/92	
BAT	21669	21	39	Jug, body sherds	MABAT		7/5/92	7/5/92	
BAT	21670	22	5	Sherds, Earthenware	MABAT		7/5/92	7/5/92	
BAT	21671	22	3	Sherds, Earthenware, brown glazed	MABAT		7/5/92	7/5/92	
BAT	21672	23	1	Sherd, majolica	MABAT		7/5/92	7/5/92	
BAT	21673	21	1	Sherd, South East Asian stoneware	MABAT		7/5/92	7/5/92	
BAT	21674	21	1	Sherd, South East Asian Stoneware	MABAT		7/5/92	7/5/92	Found w/ facsimile jug No. 1, during pottery survey (1992 Survey post 16)
BAT	21675	22	1	Apothecary jar, base only	MABAT		9/5/92		
BAT	21676	22	2	Sherds, brown glaze	MABAT		9/5/92	9/5/92	
BAT	21677	22	7	Sherds, Earthenware	MABAT		9/5/92	9/5/92	
BAT	21678	22	1	Sherd, earthenware, thick	MABAT		9/5/92	9/5/92	
BAT	21679	23	4	Sherds, Majolica	MABAT		9/5/92	9/5/92	
BAT	21680	21	1	Jug, neck only w/ mask - type G - rope mouth	MABAT		9/5/92	9/5/92	
BAT	21681	21	1	Jug, handle only	MABAT		9/5/92	9/5/92	
BAT	21682	21	1	Jug, handle / neck fragment	MABAT		9/5/92	9/5/92	
RAT	21683	21	1	Jug, base of handle	MABAT		9/5/92	9/5/92	
BAT	21684	21	1	Jug, neck sherd	MABAT		9/5/92	9/5/92	

ANCODS 2002: *Batavia* material registered since 1991

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Wreck	Reg. No.	Matco.	No. Items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	21685	21	1	Jug, mask sherd, crown x 1	MABAT		9/5/92	9/5/92	
BAT	21687	21	3	Jug, Base sherds	MABAT		9/5/92	9/5/92	
BAT	21688	21	23	Jug body sherds	MABAT		9/5/92	9/5/92	
BAT	21689	21	1	Jug, Seigburg, neck sherd	MABAT		9/5/92	9/5/92	
BAT	21690	21	1	Jug, Seigburg - base sherd	MABAT		9/5/92	9/5/92	
BAT	21691	21	1	Jug, Cordon sherd w/ part medallion	MABAT		9/5/92	9/5/92	
BAT	21692	21	1	Jug, Seigburg, part 'Jan Allers' medallion	MABAT		9/5/92	9/5/92	
BAT	21693	21	1	Jug, blue / grey rose medallion, Cordon.	MABAT		9/5/92	9/5/92	cf. BAT 2304
BAT	21694	21	1	Jug, blue/grey ball medallion, Cordon	MABAT		9/5/92	9/5/92	cf. BAT 2571
BAT	21695	21	1	Jug sherd, blue / grey Westenwald- mid-body, handle base	MABAT		9/5/92	9/5/92	
BAT	21696	21	1	Sherd, neck/shoulder , Raeren	MABAT		9/5/92	9/5/92	
BAT	21697	21	4	Sherds, stoneware, thick, blackish	MABAT		9/5/92	9/5/92	?SE Asian
BAT	21698	23	1	Sherd, Majolica	MABAT		9/5/92	9/5/92	
BAT	21699	22	4	Sherds, earthenware	MABAT		9/5/92	9/5/92	
BAT	21700	21	1	Jug, small, lower part only	MABAT		9/5/92	9/5/92	
BAT	21701	21	1	Mask fragment	MABAT		9/5/92	9/5/92	
BAT	21702	21	1	Jar, rim only	MABAT		9/5/92	9/5/92	Found inside reef, north
BAT	21703	21	1	Jug, handle	MABAT		9/5/92	9/5/92	
BAT	21704	21	1	Jug, body sherd w/ part medallion	MABAT		9/5/92	9/5/92	
BAT	21705	21	1	Jug, part neck rim and handle. Narrow handle -wide mouth neck. New type 1	MABAT		9/5/92	9/5/92	
BAT	21706	21	1	Jug, part neck	MABAT		9/5/92	9/5/92	
BAT	21707	21	2	Medallion, Cordon, parts, grey/blue	MABAT		9/5/92	9/5/92	Found inside reef, north

ANCODS 2002: *Batavia* material registered since 1991

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Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	21708	21	2	Jug, base sherds	MABAT		9/5/92	9/5/92	
BAT	21709	21	1	Medallion sherd -v. small	MABAT		9/5/92	9/5/92	
BAT	21710	21	1	Sherd, Raeren -shoulder sherd	MABAT		9/5/92	9/5/92	
BAT	21711	21	22	Body sherds	MABAT		9/5/92	9/5/92	
BAT	21712	22	1	Sherd Earthenware - glazed	MABAT		11/5/92	11/5/92	
BAT	21713	23	1	Sherd, majolica, w/ blue line	MABAT		11/5/92	11/5/92	
BAT	21714	22	1	Sherd, Earthenware. Thick	MABAT		11/5/92	11/5/92	
BAT	21715	21	6	Jug, sherds	MABAT		11/5/92	11/5/92	
BAT	21716	21	1	Jug base sherd	MABAT		11/5/92	11/5/92	
BAT	21717	21	1	Jug, handle fragment	MABAT		11/5/92	11/5/92	
BAT	21718	21	1	Jug, handle fragment.	MABAT		11/5/92	11/5/92	
BAT	21719	21	1	Medallion fragment, rosette	MABAT		11/5/92	11/5/92	
BAT	21720	21	1	Medallion fragment Seigburg	MABAT		11/5/92	11/5/92	
BAT	21721	21	1	Jug, Westerwald, mid-body fragment	MABAT		11/5/92	11/5/92	
BAT	21722	21	1	Jar, rim - SE Asian	MABAT		12/5/92	12/5/92	
BAT	21723	21	1	Sherd- black - SE Asian?	MABAT		12/5/92	12/5/92	
BAT	21724	29	1	Sherd- neck of Kendf	MABAT		12/5/92	12/5/92	
BAT	21725	22	4	Jug or Testje, sherds only	MABAT		12/5/92	12/5/92	
BAT	21726	22	2	Sherds, thick	MABAT		12/5/92	12/5/92	
BAT	21727	21	2	Handle sherd - Cordon	MABAT		12/5/92	12/5/92	
BAT	21728	21	1	Jug, handle sherd only	MABAT		12/5/92	12/5/92	
BAT	21729	21	1	Medallion sherd- rosette - small	MABAT		12/5/92	12/5/92	
BAT	21730	21	1	Medallion sherd- rosette large	MABAT		12/5/92	12/5/92	
BAT	21731	21	1	Medallion sherd, heraldic	MABAT		12/5/92	12/5/92	
BAT	21732	21	1	Mask sherd	MABAT		12/5/92	12/5/92	Found inside reel
BAT	21733	21	12	Jug, body sherds	MABAT		12/5/92	12/5/92	

ANCODS 2002: Batavia material registered since 1991

11/7/02

Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	21739	21	1	Seigburg Jug wall sherd (double entry see BAT 21595).	MABAT		9/5/92	9/5/92	Double registered
BAT	21740	25	1	Brck			27/1/99		Donation
BAT	21741	21	1	Beardman mask and part medallion w/ part date ...93.	clc	wet	3/10/1999		
BAT	21742	21	1	Beardman mask sherd.	clc	wet	3/10/1999		
BAT	21743	21	1	Beardman sherd w/ part beard.	clc	wet	3/10/1999		
BAT	21744	21	1	Beardman medallion sherd.	clc	wet	3/10/1999		
BAT	21745	21	1	Beardman mask fragment.	clc	wet	3/10/1999		
BAT	21746	21	1	Handle from Beardman jug.	clc	wet	3/10/1999		
BAT	21747	21	1	Handle fragment from stoneware jug (probably from Seigburg type jug).	clc	wet	3/10/1999		
BAT	21748	21	1	Part handle from stoneware jug w/ rim.	clc	wet	3/10/1999		
BAT	21749	21	1	Part handle from stoneware jug.	clc	wet	3/10/1999		
BAT	21750	21	1	Body sherd from stoneware jug, w/ part handle.	clc	wet	3/10/1999		
BAT	21751	21	1	Body sherd from stoneware jug, w/ broken handle's section.	clc	wet	3/10/1999		
BAT	21752	21	5	Base sherds of stoneware jugs.	clc	wet	3/10/1999		
BAT	21753	21	1	Body sherd of stoneware jug with ridged section.	clc	wet	3/10/1999		
BAT	21754	21	1	Body sherd of stoneware jug with tooled line.	clc	wet	3/10/1999		
BAT	21755	21	7	Body sherds: dark brown coarse mottle.	clc	wet	3/10/1999		
BAT	21756	21	2	Body sherds: medium brown mottle.	clc	wet	3/10/1999		

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Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	21757	21	1	Body sherds: grey w/ fine medium brown mottle on lower body.	clc	wet	3/10/1999		
BAT	21758	21	1	Body sherds: buff w/ faint light brown mottle.	clc	wet	3/10/1999		
BAT	21759	21	3	Body sherds: brown mottle.	clc	wet	3/10/1999		
BAT	21760	21	3	Body sherds: pinkish brown body, light greenish mottle.	clc	wet	3/10/1999		
BAT	21761	21	2	Body sherds: grey/brown	clc	wet	3/10/1999		
BAT	21762	21	1	Body sherds: grey glaze.	clc	wet	3/10/1999		
BAT	21763	21	3	Body sherds: glaze abraded.	clc	wet	3/10/1999		
BAT	21764	21	2	Sherds of thick stoneware (Southeast Asian?) w/ pinkish outer layer and grey body.	clc	wet	3/10/1999		
BAT	21765	21	1	Stoneware sherd.	clc	wet	3/10/1999		
BAT	21766	21	1	Neck/rim fragment from stoneware jug: Seigburg type w/ cobalt blue decoration around neck.	clc	wet	3/10/1999		
BAT	21767	21	1	Neck/rim fragment from stoneware jug: Raeren type w/ fine glaze outside in light brown mottle.	clc	wet	3/10/1999		
BAT	21768	21	1	Westerwalerware body sherd: grey body w/ cobalt blue relief pattern w/ flowers.	clc	wet	3/10/1999		
BAT	21769	22	1	Earthenware base fragment, red.	clc	wet	3/10/1999		
BAT	21770	22	1	Earthenware fragment w/ foot: red (probably from tripod pot or Teete).	clc	wet	3/10/1999		
BAT	21771	22	2	Earthenware sherds: red.			3/10/99	22/10/1999	
BAT	21772	23	2	Majolica sherds.			3/10/99	22/10/1999	

ANCODS 2002: *Batavia* material registered since 1991

11/7/02

Wreck	Reg. No.	Matco.	No. Items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	21773	21	1	Stoneware sherd with fine brown mottle.	MABAT	C7	4/10/99	18/10/1999	
BAT	21774	21	1	Westenwald sherd; blue/grey.			6/10/99	22/10/1999	
BAT	21775	21	1	Raeren sherd; buff colour.			6/10/99	22/10/1999	
BAT	21776	21	1	Beardman jug body sherd; coarse brown mottle and part medallion w/ cobalt blue splash.			6/10/99	22/10/1999	
BAT	21777	21	3	Stoneware jug sherd w/ medium to dark brown mottle.			6/10/99	22/10/1999	
BAT	21778	21	3	Stoneware jug sherds; grey glaze.			6/10/99	22/10/1999	
BAT	21779	23	1	Majolica sherd.			6/10/99	22/10/1999	
BAT	21780	22	2	Earthenware sherds; red, coarse, thick.			6/10/99	22/10/1999	
BAT	21781	21	1	Jug handle & shoulder	CLC		24/2/2001	23/4/2001	WAMM expedition
BAT	21782	21	1	Pot sherd	CLC		24/2/2001	23/4/2001	WAMM expedition
BAT	21783	21	1	(Beardman?) Jug body sherd	CLC		24/2/2001	23/4/2001	WAMM expedition
BAT	21784	21	1	Westenwalder jug sherd	CLC		24/2/2001	23/4/2001	WAMM expedition
BAT	21785	21	1	jug handle (beardman?)	CLC		24/2/2001	23/4/2001	WAMM expedition
BAT	21786	21	1	ceramic pot sherd	CLC		24/2/2001	23/4/2001	WAMM expedition
BAT	21787	21	1	ceramic pot sherd	CLC		24/2/2001	23/4/2001	WAMM expedition
BAT	21788	21	1	pot sherd	CLC		24/2/2001	23/4/2001	WAMM expedition
BAT	21789	21	1	Base of apocathery jar	CLC		25/2/2001	23/4/2001	WAMM expedition
BAT	21790	21	1	Base of jug (beardman?)	CLC		25/2/2001	23/4/2001	WAMM expedition
BAT	21791	21	1	shoulder/handle fragment (beardman?)	CLC		25/2/2001	23/4/2001	WAMM expedition
BAT	21792	21	1	Beardman medallion fragment	CLC		25/2/2001	23/4/2001	WAMM expedition
BAT	21793	21	1	Beardman mask fragment	CLC		25/2/2001	23/4/2001	WAMM expedition
BAT	21794	21	1	jug base fragment (beardman?)	CLC		25/2/2001	23/4/2001	WAMM expedition

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Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	21795	21	1	jug body fragment (beardman?)	CLC		25/2/2001	23/4/2001	WAMM expedition
BAT	21796	2	3	miscellaneous ceramic fragments	CLC		25/2/2001	23/4/2001	WAMM expedition
BAT	21797	21	1	Beardman jug medallion fragment	CLC		28/2/2001	23/4/2001	WAMM expedition
BAT	21798	21	1	jug body sherd	CLC		28/2/2001	23/4/2001	WAMM expedition
BAT	21799	21	4	jug body sherd	CLC		28/2/2001	23/4/2001	WAMM expedition
BAT	21800	25		Brick, part	CLC		24/2/2001	23/4/2001	WAMM expedition
BAT	21801	25	1	Brick	CLC		25/2/2001	23/4/2001	WAMM expedition
BAT	21802	25		Brick, part	CLC		28/2/2001	23/4/2001	WAMM expedition
BAT	21803	25		Brick, part	CLC		28/2/2001	23/4/2001	WAMM expedition
BAT	21804	25		Brick, part	CLC		28/2/2001	23/4/2001	WAMM expedition
BAT	21805	25	1	Brick	MABAT			18/5/2001	Donated 17/5/2001 by Amnesty registrant: David Fletcher, 15 Carawatha Ave., Mt. Nasura, WA 6112. Ref. A.4549
BAT	3918	31	1	Pintle for portico.	CLD		13/4/96	22/4/96	Recovered & donated by Brian A Smith, 132 Franklin Rd., Wanneroo, 6065. Donation form A3072
BAT	3920	34	1	Lead sheathing w/ 3 nail holes.	MA		3/10/1999	14/1/2000	
BAT	3921	34	2	Lead sheathing.	MA		6/10/1999	14/1/2000	
BAT	3922	32	1	Button ?			20/2/2001	23/4/2001	WAMM expedition
BAT	3923	34	1	Lead ball. Lead sheathing moulded into ball. Possibly used as a weapon (cf 'morning star'). Has square nail holes in it, made after being moulded into shape.			24/2/2001	23/4/2001	WAMM expedition

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Wreck	Reg. No.	Matco.	No. Items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	3924	34	5	Coins, 1 x 2 cents, 3 x 5 cents; 1 x 10 cents. Australian mint.	MABAT	C2	23/2/2001	23/4/2001	WAMM expedition
BAT	3925	A, B	1	Ladle fabricated from sheet lead (A) with head of iron nail in top of curved 'handle' (B)	GM	Ship Gall. BAT		23/4/2001	Aquinas College Second Expedition August 1965. Donated by the College in March 1999. Ref. A 3146. See O'Loughlin, P.M., 1966: 9-10.
BAT	3926	34	1	Piece of lead sheet with two corners folded over; evidence of score marks.	GM	Ship Gall. BAT		23/4/2001	Aquinas College Second Expedition August 1965. Donated by the College in March 1999. Ref. A 3146. See O'Loughlin, P.M., 1966: 9-10.
BAT	3927	34	5	Molten lead fragments.	GM	Ship Gall. BAT		23/4/2001	Aquinas College Second Expedition August 1965. Donated by the College in March 1999. Ref. A 3146. See O'Loughlin, P.M., 1966: 9-10.
BAT	3928	32	1	Copper alloy ring.	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	3929	34	1	Molten lead	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	3930	34		Molten lead	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	3931		1	Piece of lead which has been cut.	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	3932	34	1	Small piece of lead formed into a roll	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	3933	34	1	Spoon	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	3934	34	1	Lead sheeting w/ nail holes (+ 1 iron nail head) and cut out sections and marks scored into it.	GM	Ship Gall. BAT	18/8/1967	9/5/2001	WAM expedition 1967
BAT	3935	34		Square of lead, small + iron frags.	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	3936	34		Molten lead	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967

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Wreck	Reg. No.	Musco.	No. Items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	3937	34	1	Piece of crumpled lead - marked '10'	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	3938	34	1	Lump of lead	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	3939	34	1	Lump of lead	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	3940	34	1	Lump of lead	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	4533	44	1	Case bottle base	MABAT		11/5/92	11/5/92	
BAT	4534	40	1	Bone section: weathered human femur.	MABAT	Land site storage	1/11/97	16/12/97	Recovered by Sean McGrath (GM education officer) & tourists. The 2 bones identified by Juliette Pasveer & Ken Aplin. [Also picked up was a butchered kangaroo bone, from bait?] Yellow form A2229, file MA 1-96.
BAT	4635	40	1	Scapula (cut surfaces)	MA	First floor	16.6.94		
BAT	4636 A	41	1	Bird bone?, very small fragment	MA	First floor	16.6.94		
BAT	4636 B	41	1	Bird bone ?, very small long bone	MA	First floor	16.6.94		Missing after return from UWA
BAT	4637	40	1	Nasal?	MA	First floor	16.6.94		
BAT	4638	40	1	Skull bone? near suture?	MA	First floor	16.6.94		
BAT	4639	41	1	Bird bone ?	MA	First floor	16.6.94		
BAT	4640	40	1	Scapula ?	MA	First floor	16.6.94		
BAT	4641	40	1	Carpal bone, R. os capitulum, SK7	MA	First floor	16.6.94		
BAT	4642	40	1	Unidentified bone	MA	First floor	16.6.94		
BAT	4643	40	1	Distal end of R. radius, SK11 or SK 7.	MA	First floor	16.6.94		
BAT	4644	40	1	Long bone or rib fragment	MA	First floor	16.6.94		
BAT	4645	40	1	Skull bone fragment ?	MA	First floor	16.6.94		
BAT	4646 A	40	1	Bone fragment.	MA	First floor	16.6.94		
BAT	4646 B	40	1	Long bone fragment.	MA	First floor	16.6.94		
BAT	4646 C	40	2	Cancellous bone fragments.	MA	First floor	16.6.94		

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Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	4646 D	40	2	Very small fragment.	MA	First floor	15.6.94		
BAT	4647	40	1	Vertebra, cervical ?	MA	First floor	15.6.94		
BAT	4648	40	1	Long bone fragment.	MA	First floor	15.6.94		
BAT	4649	40	1	Part of maxilla, left, with canine in situ. Tooth worn on incisal edge. SK5	MA	First floor	15.6.94		SK5
BAT	4650	40	1	Tooth, premolar LP1. Cusps very worn. SK5	MA	First floor	15.6.94		
BAT	4651	40	1	Right side temporal bone including styloid process, auditory canal etc. SK6	MA	First floor	15.6.94		
BAT	4653	40	1	Rib fragments.	MA	First floor	15.6.94		
BAT	4654	40	1	Unidentified fragment.	MA	First floor	15.6.94		
BAT	4655	40	1	Skull fragment.	MA	First floor	15.6.94		
BAT	4656	41	1	Sheep tibia part ?	MA	First floor	15.6.94		
BAT	4657	41	1	Bird bones ?	MA	First floor	15.6.94		
BAT	4658	40	1	Skull fragment.	MA	First floor	15.6.94		
BAT	4659	40	1	Bone or shell ? fragment	MA	First floor	15.6.94		
BAT	4660	40	1	Rib fragments.	MA	First floor	15.6.94		
BAT	4661	40	1	First rib R. SK 10	MA	First floor	17.6.94		
BAT	4662	40	1	R. Vertebra. Part of axis. Fits w/ BILS 100.	MA	First floor	17.6.94		
BAT	4663	40	1	Rib fragment.	MA	First floor	17.6.94		
BAT	4664	40	1	Nasal fragment. ? Unid.	MA	First floor	18.6.94		
BAT	4665	40	1	Skull fragment with suture. Fits with frags from spit 6. SK6	MA	First floor	18.6.94		
BAT	4666	40	1	Molar. Upper right M2. Very worn. SK5	MA	First floor	19.6.94		
BAT	4667	40	1	Vertebra. Part of axis.	MA	First floor	19.6.94		
BAT	4668 A	40	1	Skull fragment. Os nasale. SK 5	MA	First floor	19.6.94		
BAT	4668 B	40	1	Skull fragment. SK 5 ?	MA	First floor	19.6.94		
BAT	4668 C	40	1	Skull fragment. SK 5 ?	MA	First floor	19.6.94		

Wreck	Reg. No.	Matco.	No. Items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	4668 D	40	1	Skull fragment. SK 5 ?	MA	First floor	19.6.94		
BAT	4669	40	1	Rib fragment	MA	First floor	19.6.94		
BAT	4670	40	1	R. scapula. SK10	MA	First floor	19.6.94		
BAT	4671	40	1	L. Humerus. Distal end. SK 10	MA	First floor	19.6.94		
BAT	4672	40	1	L. Humerus. Shaft. SK 10	MA	First floor	19.6.94		
BAT	4673	40	2	Long bone fragments? Scapula ?	MA	First floor	19.6.94		
BAT	4674	40	2	Radius, proximal end and shaft SK 10	MA	First floor	19.6.94		
BAT	4675	40	1	Ulna. SK 10	MA	First floor	19.6.94		
BAT	4676	40	1	R. Temporal zygomatic process. SK 6	MA	First floor	19.6.94		
BAT	4677	40	1	Occipital fragment. SK 6 (Loose piece came away during excavation.)	MA	First floor	19.6.94		
BAT	4678	40	1	Skull, frontal part (calvarium). SK 5	MA	First floor	19.6.94		
BAT	4679	40	1	Skull, occipital part. SK 5	MA	First floor	19.6.94		
BAT	4680	40	1	Skull fragment. Fits with left side of occipital suture of BAT 4665. SK 6	MA	First floor	19.6.94		
BAT	4681	40	1	Skull pieces, 2 pieces joined by suture; fits with BAT 4680 on left side of skull, mastoid area. SK 6	MA	First floor	19.6.94		
BAT	4682	40	1	Skull fragment. Left side of foramen magnum. SK 6	MA	First floor	19.6.94		
BAT	4683	40	1	Skull fragment. ? fits w/... SK 5 (?)	MA	First floor	19.6.94		
BAT	4684	41	1	Animal bone, unid.	MA	Upstairs	19.6.94		
BAT	4685	40	1	Vertebra, cervic., fragment.	MA	First floor	17.6.94		
BAT	4686	40	1	Skull. SK 7	MA	First floor	17.6.94		
BAT	4687	40	3	Unidentified bone frags.	MA	First floor	17.6.94		

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Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	4688 A	41	1	Unid. animal bone frag.	MA	Upstairs	15.6.94		
BAT	4688 B	41	1	Unid. animal bone frag.	MA	Upstairs	15.6.94		
BAT	4689	40	3	Unid. bone frags.	MA	First floor	15.6.94		
BAT	4690	40	1	Phalange. Proximal.	MA	First floor	17.6.94		
BAT	4691	41	1	Tooth.	MA	Upstairs	17.6.94		
BAT	4692 B	40	1	Carpal bone. R. Os trapezium. SK 7	MA	First floor	17.6.94		
BAT	4692 C	40	1	Carpal bone. L. Os hamatum. SK 7	MA	First floor	17.6.94		
BAT	4692 D	40	1	Distal end of metacarpal/tarsal bone.	MA	First floor	17.6.94		
BAT	4692 A	41	1	Unid. bone	MA	Upstairs	17.6.94		
BAT	4693 A	40	1	Vertebra, fragment.	MA	First floor	17.6.94		
BAT	4693 B	40	11	Unid. bone fragments.	MA	First floor	17.6.94		
BAT	4694	40	7	Unid. bone fragments.	MA	First floor	17.6.94		
BAT	4695	40	1	Unid. bone fragment.	MA	First floor	17.6.94		
BAT	4696	40	1	L. First rib: SK 10	MA	First floor	18.6.94		
BAT	4697	41	3	Bird bone fragments?	MA	Upstairs	18.6.94		
BAT	4698	40	3	Unid. human bone fragment (+ 2 non-human)	MA	First floor	18.6.94		
BAT	4699	41	1	Tibia, articular surface. (Animal ?)	MA	Upstairs	18.6.94		
BAT	4700	40	4	Unid. bone fragments.	MA	First floor	18.6.94		
BAT	4701	41	2	Bird ? fragments.	MA	Upstairs	18.6.94		
BAT	4702	41	1	Ramus.	MA	Upstairs	19.6.94		
BAT	4703	40	1	Lower jaw fragment. (? Animal).	MA	First floor	17.6.94		
BAT	4704	40	1	Second rib. (? Animal)	MA	First floor	17.6.94		
BAT	4705	41	1	Tooth with root. Animal	MA	Upstairs	17.6.94		
BAT	4706	40	3	Skull fragments. 1 x fragment of SK 5	MA	First floor	18.6.94		
BAT	4707	40	1	Mandible fragment. ??Unid.	MA	First floor	18.6.94		
BAT	4708	40	3	Unid. small fragments.	MA	First floor	18.6.94		
BAT	4709	40	3	L. First rib. Juvenile.	MA	First floor	18.6.94		

Wreck Reg. No.	Matco.	No. Items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT 4710	40	3	Distal phalange.	MA	First floor	18.6.94		
BAT 4711	40	1	Skull ?	MA	First floor	18.6.94		
BAT 4712	40	17	Unid. fragments.	MA	First floor	18.6.04		
BAT 4713	41	1	Bird bone.	MA	Upstairs	18.6.94		
BAT 4714 A	40	1	Skull frag (?)	MA	First floor	18.6.94		
BAT 4714 B	40	1	Vertebra frag.	MA	First floor	18.5.94		
BAT 4715	40	3	Unid. bone fragments	MA	First floor	18.6.94		
BAT 4716	40	1	Carpal bone. R. <i>O.s hamatum</i> . SK 10 (or SK 7)	MA	First floor	18.6.94		
BAT 4717	40	4	Unid. bone fragments.	MA	First floor	18.6.94		
BAT 4718	41	1	Bird bone.	MA	Upstairs	18.6.94		
BAT 4718	41	1	Skull fragment with suture. (Animal)	MA	Upstairs	18.6.94		
BAT 4720	40	1	Atlas. Fits best with BILS 100. [SK 5 mini square]	MA	First floor	18.6.94		
BAT 4721	40	1	Atlas. Fits best with BAT 4667. SK 6 (?)	MA	First floor	18.6.94		
BAT 4739	44	1	Circular glass: base of square case bottle, worn to circle.			6/10/99		
BAT 4740	49	3	Model hands	MABAT	C2	21/2/2001	23/4/2001	WAMM expedition From early 1970s Morrisby film.
BAT 4741	44	1	Glass/metal costume ring	MABAT	C2	21/2/2001	23/4/2001	WAMM expedition From early 1970s Morrisby film.
BAT 4742	41	1	Scapula - probably animal	MABAT	Land sites	27/2/2001	23/4/2001	WAMM expedition
BAT 4743	41		Charred bone	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT 4744			Charred bone	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT 4745	41	3	Charred bone fragments	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT 4746	41	1	Charred bone fragment	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT 4747	41	4	Bone frags (3) + iron frag (?)	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT 4748	41	2	Bone fragments	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967

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Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	4749	41	23	Bone fragments	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	4750	41	4	Bone pieces	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	4751	41	1	Charred bone	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	4752	41	1	Charred bone	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	4753	41	8	Bones	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	4754	41		Bones	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	4755	41		Bones	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	4756	41	41	Bones	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	4757	41	6	Bones	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	4758	41	10	Bones	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	4759	41		Bone (1) and iron fragments	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	4760	41	2	Bone (1) and iron fragment	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	4761	44	1	Bottle glass fragment	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	5073	N	1	Coin	MAB2		23/10/91		From small concrete
BAT	5074	N	1	Coin , Taler,3/4	MAB2		7/5/92		From inside reef
BAT	5075	N	1	Coin	MAB2		7/5/92		From inside reef
BAT	5076	N	2	Coin pieces making 1 coin	MAB2		7/5/92		From inside reef
BAT	5077	N	1	Coin , 2 fragments	MAB2		7/5/92		From inside reef
BAT	5078	N	1	Coin	MAB2		7/5/92		From inside reef
BAT	5079	N	1	Coin	MAB2		7/5/92		From inside reef
BAT	5080	N	1	Coin	MAB2		7/5/92		From inside reef
BAT	5081	N	1	Coin	MAB2		7/5/92		From inside reef
BAT	5082	N	19	Coin fragments	MAB2		11/5/92		From inside reef
BAT	5083	N	1	Coin , Ducaton, 1620	MAB2		12/5/92		From inside reef
BAT	5084	N	1	Coin concrete. Confirm ID and registration.	GM	Ship Gafl. BAT		30/5/93	
BAT	7725	NM	1	Eight Reals cob. Minted Toledo , Spain. ND c.1590.C(-). M. VII(I). Condition. VG	MASR		1/1/1960	1/4/98	Amnesty donation Hugh Edwards, 5 Hooley St., Swanbourne. Donation certificate A3130. The only Bat Reals, prob. personal property. Amnesty registration 4143

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Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	7726 NM	51	1	Two Reals cob. Minted Seville Spain. NVD Condition. P. eroded. Mint mark Sea Anemone.	MASR		1/1/1960	1/4/98	Amnesty donation Hugh Edwards, 5 Hooly St., Swanbourne. Donation certificate A3130. The only Bat Reals, prob. personal property. Amnesty registration 4145
BAT	7727 NM	51	1	Two Reals cob. Spanish Metropolitan mint unidentified. Condition. P. eroded	MASR		1/1/1960	1/4/98	Amnesty donation Hugh Edwards, 5 Hooly St., Swanbourne. Donation certificate A3130. The only Bat Reals, prob. personal property. Amnesty registration 4144
BAT	7728 NM	51	1	Two Reals cob. Spanish Metropolitan mint unidentified. Condition. P. eroded	MASR		1/1/1960	1/4/98	Amnesty donation Hugh Edwards, 5 Hooly St., Swanbourne. Donation certificate A3130. The only Bat Reals, prob. personal property. Amnesty registration 4146
BAT	6507	67	1	Wooden Ship Model of East Indian 'EDAM'	MWB	5		4/3/92	Stocklake specimen 1996/1997/1998/1999/2000/2002 [Procedure 3]. Original reg K56.
BAT	6508	64	1	Wood from chainplate	CWA	23.3.93		23/3/93	Found wreck site - unlabelled chainplate, recovered after de-concretion.
BAT	6509	67	1	Small piece of burnt twig ?.	MABAT	Land Sites: We		23/4/2001	Aquinas College Second Expedition August 1965. Donated by the College in March 1999. Ref. A 3145. See O'Loughlin, P.M., 1964, 1966

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Wreck	Reg. No.	Maico.	No. Items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	6510	6	1	Piece of wood	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80369	86	1	Cannon ball fragments from bore of cannon. 3637 - bronze from Beacon Is.	MAW			31/1/91	
BAT	80370	86	1	Concretion from bore of BAT 80369				21/10/91	
BAT	80371	81	2	Canister shot; 2 sections and connecting concretion.	MADS			21/10/91	Batavia wreck site, has been unnumbered in collection, w/ no conservation treatment
BAT	80372	82	1	Bolt concretion				7/11/91	From inside reef, unknown, unnumbered or lost tag. To be used for experiment s. Jon
BAT	80373	61	1	Timber w/ iron bolt	CWA			7/11/91	Found inside reef
BAT	80374	86	1	Bolt concretion w/ some wood attached	CWJ	TUB 42 WET RC		7/11/91	Found inside reef unknown, cast hole
BAT	80375	86	6	Concretion for investigation	CWJ	TUB 42 WET RC		7/11/91	Found inside reef, unnumbered, lost tag
BAT	80376	86	1	Bolt Concretion	CWJ	TUB 68 WET RC		12/5/92	Batavia inside reef 1992
BAT	80377	86	1	Chain plate concretion	CWJ	TUB 68 WET RC		12/5/92	Batavia inside reef 1992
BAT	80378	86	1	Chain plate concretion	CWJ	TUB 68 WET RC		12/5/92	Batavia inside reef 1992
BAT	80379	86	1	Chain plate concretion	CWJ	TUB 68 WET RC		12/5/92	Batavia inside reef 1992
BAT	80380	86	1	Chain plate concretion	CWJ	TUB 68 WET RC		12/5/92	Batavia inside reef 1992
BAT	80381	86	1	Chain plate concretion	CWJ	TUB 68 WET RC		12/5/92	Batavia inside reef 1992
BAT	80382	86	1	Chain plate concretion	CWJ	TUB 68 WET RC		12/5/92	Batavia inside reef 1992
BAT	80383	82	4	Nails	MAB	C4		17/8/92	Unknown presumed to be BAT, returned condt, numbered BAT 4363- barrel stave pieces Not seen by ANCODS

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Wreck Reg. No.	Matco.	No. Items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT 80384	82	1	Fastening nail fragment				17/6/92	Unknown, presume to be BAT II, returned from cons. BAT 3082 pewter spoon handle.
BAT 80385	81	1	Cannon ball: interestingly worn.				18/8/92	Found BAT wreck site, returned cons no no.
BAT 80386	82	1	Chain plate				23/3/93	Found BAT wreck site, lost tag
BAT 80387	84	1	Weight, cast iron	MA	Storage		20/4/93	Found BAT wreck site, was in a concretion.
BAT 80388	80	1	Iron cutlass, wood and copper handle, connected with iron fastenings. End of blade is a small separate piece. Only grip section of handle remaining.	MM	Vlamingh		8/5/93	Anonymous Amnesty donation. Found on beacon island.
BAT 80389	81	1	Cannon ball: large.	NR			10/5/93	Lost tag. Fragmented after cons .Destructive analysis J Carpenter, Peter Body
BAT 80390	84	13	Strap fragments small: iron.	MABAT	Iron storage		16/3/94	Amnesty Donation: R A Robertson. Ref. A1880 'Woodlands' Russel Rd, Balingup. Recovered 1981/2 structure[Fort].Has had some sort of coating.No cons
BAT 80391	84	13	Nail sections: iron & fragments.	MABAT	Iron storage		16/3/94	Amnesty Donation: R A Robertson. Ref. A1880 'Woodlands' Russel Rd, Balingup. Recovered 1981/2 I structure[Fort].Has had some sort of coating.No cons

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Wreck	Reg. No.	Matco.	No. Items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	80392	84	14	Nail sections: iron & fragments.	MABAT	Iron storage		16/3/94	Amnesty Donation; R A Robertson, Ref. A1880 'Woodlands' Russel Rd, Balingup. Recovered 1981/2 West Wallabi Is - Coastal structure[Fort]. Has had some sort of coating.No cons
BAT	80393 A	83	2	Needle sections: triangular iron.	MABAT	Iron storage		16/3/94	Amnesty Donation; R A Robertson, Ref. A1880 'Woodlands' Russel Rd, Balingup. Recovered 1981/2 West Wallabi Is - Coastal structure[Fort]. Has had some sort of coating.No cons
BAT	80393 B	83	2	Strap sections from barrel iron.	MABAT	Iron storage		16/3/94	Amnesty Donation; R A Robertson, Ref. A1880 'Woodlands' Russel Rd, Balingup. Recovered 1981/2 West Wallabi Is - Well near inland structure. Has had some sort of coating.No cons
BAT	80395	85	2	Gudgeon concretions	MA	Top BAT storage		31/5/94	Has this been previously registered?
BAT	80395 R	87	1	Gudgeon section, cast of concrete.	MWB	Hull		31/5/94	
BAT	80397	81	1	Cannon ball.	MMV	2 Diorama		21/6/95	lost tag re-registered..
BAT	80398	81	1	Cannon ball.	MMV	2 Diorama		21/6/95	Lost tag re-registered.
BAT	80399	81	1	Cannon ball.	MMV	2 Diorama		21/6/95	Lost tag re-registered.
BAT	80400	81	1	Cannon ball.	MMV	2 Diorama		21/6/95	Lost tag re-registered.
BAT	80401	81	1	Cannon ball (re-registered.)	OMJ	STUDENTS		29/8/95	Lost tag re-registered

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Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	80402	81	1	Cannon ball(re-registered.)	CWJ	STUDENTS		29/8/95	Lost tag re-registered
BAT	80403	81	1	Cannon ball(re-registered.)	CWJ	STUDENTS		29/8/95	Lost tag re-registered
BAT	80404	81	1	Cannon ball (re-registered.)	CWJ	STUDENTS		29/8/95	Lost tag re-registered
BAT	80405	81	1	Cannon ball (re-registered.)	CWJ	STUDENTS		29/8/95	Lost tag re-registered
BAT	80406	81	1	Cannon ball (re-registered.)	CWJ	STUDENTS		29/8/95	Lost tag re-registered
BAT	80407	81	1	Cannon ball(re-registered.)	CWJ	STUDENTS		24/8/95	Lost tag re-registered
BAT	80408	81	1	Cannon ball	FE	BOX 6		28/9/95	Un registered
BAT	80409	86	0	Concretion fragments from Beacon Is.	MAWG			31/1/91	
BAT	80410	81		Cannon ball: medium	MMB5			31/1/91	
BAT	80411	81		Cannon ball: medium	MMB7			31/1/91	
BAT	80412	81		Cannon ball: medium	MMB7			31/1/91	
BAT	80413	81		Cannon ball: medium	MMB7			31/1/91	
BAT	80414	81		Cannon ball: medium	GM	Ship Gall		31/1/91	
BAT	80415	81		Cannon ball: medium	MMB7			31/1/91	
BAT	80416	81		Cannon ball: medium	MMB7			31/1/91	
BAT	80417	81		Cannon ball: medium	MMB7			31/1/91	
BAT	80418	81		Cannon ball: medium	MMB7			31/1/91	
BAT	80419	81		Cannon ball: medium	MMB7			31/1/91	
BAT	80420	81		Cannon ball: medium	MAWG			31/1/91	
BAT	80421	81		Cannon ball: medium	MMB7			31/1/91	
BAT	80422	81		Cannon ball: medium	MMB7			31/1/91	
BAT	80423	81		Cannon ball: medium	MMB7			31/1/91	
BAT	80424	81		Cannon ball: medium	MAWG			31/1/91	
BAT	80425	81		Cannon ball: medium	MMB7			31/1/91	
BAT	80426	81		Cannon ball: medium	MMB7			31/1/91	
BAT	80427	81		Cannon ball: medium	MMB7			31/1/91	
BAT	80428	81		Cannon ball: medium	MMB5			31/1/91	
BAT	80429	81		Cannon ball: medium	MMB5			31/1/91	
BAT	80430	81		Cannon ball: medium	MMB5			31/1/91	
BAT	80431	81		Cannon ball: medium	MMB5			31/1/91	
BAT	80432	81		Cannon ball: medium	MMB5			31/1/91	
BAT	80433	81		Cannon ball: medium	MMB5			31/1/91	

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Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	80434	81		Cannon ball: medium	GM	Ship Gall		31/1/91	
BAT	80435	81		Cannon ball: medium	MAWG			31/1/91	
BAT	80436	81		Cannon ball: medium	MMB5			31/1/91	
BAT	80437	81		Cannon ball: medium	MMB7			31/1/91	
BAT	80438	8	1	Concretion from iron ring and shackle.	MABAT	C4	3/10/99		
BAT	80439	8	1	Concretion from head of bolt.	MABAT	C4	3/10/99		
BAT	80440	82		Iron spike			24/2/2001	23/4/2001	WAMM expedition
BAT	80441	82	1	Iron spike			24/2/2001	23/4/2001	WAMM expedition
BAT	80442	82		Nails in concretion			23/2/2001	23/4/2001	WAMM expedition
BAT	80443	86	1	Iron concretion			25/2/2001	23/4/2001	WAMM expedition
BAT	80444	86	2	Iron concretion (1 object)			25/2/2001	23/4/2001	WAMM expedition
BAT	80445	86	1	Iron concretion			25/2/2001	23/4/2001	WAMM expedition
BAT	80446	86	1	Iron concretion. Circular (nail impressions?)			25/2/2001	23/4/2001	WAMM expedition
BAT	80447	86	1	Iron nail			25/2/2001	23/4/2001	WAMM expedition
BAT	80448 A-F	82	6	Iron nail fragments - large heads c. 30 mm diam	GM	Ship Gall, BAT		23/4/2001	Aquinas College Second Expedition August 1965. Donated by the College in March 1999. Ref. A 3146. See O'Loughlin, P.M., 1964, 1966
BAT	80449 A-K	82	11	Iron nail fragments (heads and shanks) - medium heads c. 20 mm diam	GM	Ship Gall, BAT		23/4/2001	Aquinas College Second Expedition August 1965. Donated by the College in March 1999. Ref. A 3146. See O'Loughlin, P.M., 1964, 1966
BAT	80450	82	13	Iron nail fragments (heads and shanks) - heads c. 13 mm diam	GM	Ship Gall, BAT		23/4/2001	Aquinas College Second Expedition August 1965. Donated by the College in March 1999. Ref. A 3146. See O'Loughlin, P.M., 1964, 1966

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Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	80451	82	4	Iron nails, small (3) and head fragment (1)	GM	Ship Gall. BAT		23/4/2001	Aquinas College Second Expedition August 1965. Donated by the College in March 1999. Ref. A 3146. See O'Loughlin, P.M., 1964, 1966
BAT	80452	82	8	Iron nails, small with bent ends (3) and shank fragments (5). Nails appear to have been bent to form fish hooks.	GM	Ship Gall. BAT		23/4/2001	Aquinas College Second Expedition August 1965. Donated by the College in March 1999. Ref. A 3146. See O'Loughlin, P.M., 1964, 1966
BAT	80453	82	3	Nail fragments	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80454	82		Nail heads	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80455	82	1	Bent nail	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80456	82		Nails and metal fragments	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80457	82	17	Nail pieces	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80458	82	3	Nail fragments	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80459	82	1	Nail fragment	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80460	82	1	Nail	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80461	82	2	Iron spike pieces	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80462	82	1	Bent nail	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80463	82		Nail, metal frags + 1 piece bone	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80464	82	1	Nail head	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80465	82	1	Nail shank	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80466	82	2	Nail fragments	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80467	82	1	nail fragment	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80468	82	5	Iron fragments	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80469	82	1	Nail head	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80470	82		Iron fragments	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80471	82	1	Nail	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80472	82	1	Nail	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967

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Wreck	Reg. No.	Matoo.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	80473	82	3	Iron fragments	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80474	82		Iron nail fragments	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80475	82		Large iron nail, fragment	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80476	82		Iron frags + bone (1)	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80477	82	1	Nail head	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80478	82		Iron fragments	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80479	82		Iron fragments	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80480	82		Iron fragments	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80481	82	1	Iron fragment	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80482	82		Iron fragment	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80483	82		Iron fragments	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80484	82		Iron fragments	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80485	82	4	Iron fragments (3) + charcoal (1)	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80486	82	1	Nail head	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80487	82	2	Nail head (1) + shell (1)	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80488	82	2	Nail heads	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80489	82		Nail head	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80490	82		Iron fragments	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80491	82		Iron fragments	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80492	82		Nail head	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80493	82	9	Iron fragments	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80494	82		Nail head + fragments	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80495	82		Nail fragments	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80496	82		Iron fragment	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80497	82		Iron fragments	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80498	82		Iron fragments	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80499	82		Iron fragments	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80500	82		Iron fragments	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80501	82		Iron fragments	MABAT	Land sites	18/8/1967	9/5/2001	WAM expedition 1967
BAT	80502	82		Iron fragments	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80503	82		Nail head	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967
BAT	80504	82		Iron fragments	MABAT	Land sites	17/8/1967	9/5/2001	WAM expedition 1967

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Wreck	Reg. No.	Matco.	No. Items	Description	Musco	Loc2	Date found	Date Reg.	Notes
BAT	80505	82		Iron fragments	MABAT	Land sites	17/8/1967	9/5/2001	WAM Bevacqua 1974
BAT	80506	82		Nail	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80507 A-F	82		Iron fragments	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80508	82		Nail	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80509	82		Nail	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80510 A-C	82		Iron fragments	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80511	82		Nail	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80512	82		Nail	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80513	82		Nail	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80514	82		Iron fragment	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80515	82		Nail	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80516	82		Nail	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80517	82		Knife handle or Hinge (?)	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80518 A-E	82		Iron fragments	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80519	82		Nail	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80520	82		Iron fragment	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80521	82		Nail	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80522	84		Barrel hoop fragment	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80523	82		Nail	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80524	82		Nail	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80525 A-B	82		Iron fragments	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80526	82		Barrel hoop, remnant	GM	Ship Gall. BAT	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80527 A-Q	84		Barrel hoop fragments	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974
BAT	80528	84		Barrel hoop, fragments	MABAT	Land sites	5/2/1974	9/5/2001	WAM Bevacqua 1974

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Wreck	Reg. No.	Matco.	No. items	Description	Musco.	Loc2	Date found	Date Reg.	Notes
GT	1549	13	1	Stone with iron concretion attached			27/10/99	31/7/2001	
GT	2203	25	1	Brick.	MAGT	C8		14/3/94	Amnesty donation
GT	2204	25	1	Brick.	MAGT	C8		14/3/94	Amnesty donation
GT	2205	25	1	Brick.	MAGT	C4		14/3/94	Amnesty donation
GT	2206	21	2	Jug sherds: floral medallion.	MAGT	C1		14/3/94	Amnesty donation
GT	2207	25	1	Brick	OWC			12/12/94	Donation
GT	2208	10	1	Brick section	MAB1			10/2/97	Donation
GT	2209	25	1	Brick	NMM			14/2/2000	Donation
GT	2210	26	1	Tile fragment	MAB1			17/9/2001	Donation
GT	2211	21	1	Beardman jug neck including mask	MAB1			17/9/2001	Donation
GT	2212	21	1	Beardman jug medallion- Arms of the House of Van der Lippe	MAB1			17/9/2001	Donation
GT	2213	22	1	Jug base/body sherd	MAB1			17/9/2001	Donation
GT	2214	21	1	Body sherd of stoneware jug	MAB1			17/9/2001	Donation
GT	2215	21	1	neck/rim sherd of vessel	MAB1			17/9/2001	Donation
GT	3173 b	32	1	Cauldron, side section, copper	CWA			14/12/2001	
GT	3174	34	1	Lead filling from inside something	MAGT	Lead storage?		30/11/93	Donation
GT	3175 b	34	10	Musket balls 14 mm diam				14/2/94	Amnesty donation
GT	3176	34	3	Bird shot: lead.	MA	for analysis to CLM	30/12/95	4/1/96	Edwards coin site
GT	3177	33	1	Collar of pewter cap w/ external thread, some glass in situ. Presume GT	MAAR	4		3/7/96	Donation
GT	3178	34	1	Lead roll	MAB1			17/9/2001	Donation
GT	3179	34	2	Musket balls	MAB1			17/9/2001	Donation
GT	3180	33	1	Bottle cap/top	MAB1			17/9/2001	Donation
GT	3181	33	1	Bottle neck	MAB1			17/9/2001	Donation
GT	3182	32	1	Copper sheet and concretion	MAB1			17/9/2001	Donation
GT	4143	44	4	Glass fragments, case bottle	MAGT		7/1/85	7/1/93	

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Wreck	Reg. No.	Matco.	No. Items	Description	Musco	Loc2	Date found	Date Reg.	Notes
GT	4144	42	410	Seeds	MAGT		7/1/85	7/1/93	
GT	4144	42	20	Seeds, 20 approx on display	M/MW		7/1/85	7/1/93	
GT	4145	43	32	Amber			7/1/85	7/1/93	
GT	4146	46	1	Leather/wood sword scabbard			7/1/85	7/1/93	
GT	4147	46		Leather fragments			7/1/85	7/1/93	
GT	4148	44	3	Glass fragments, case bottle			3/4/81		Ex AFP
GT	4149		2	Glass fragments, case bottle base			1970		Ex AFP
GT	4150	41	1	Elephant tusk tip			1970		Ex AFP
GT	4151	47		Fabric, woollen, woven, felted			1/9/88		From conc. 2169
GT	4152	42	11	Seeds from concretion of billet box			18/5/89		
GT	4153	44	1	Glass fragment			8/8/89		
GT	4154	41	1	Elephant tusk	OPG	Tank J		30/10/91	
GT	4155	41	1	Elephant tusk tip	OPG	Tank J		30/10/91	
GT	4156	41	1	Elephant tusk	OPG	Tank J		30/10/91	
GT	4157	41	1	Elephant tusk				14/2/94	Donation
GT	4158	41	1	Elephant tusk section, turned & polished.	MAGT			6/4/94	Donation
GT	4159	41	1	Elephant tusk				16/5/94	Amnesty Donation
GT	4160	41	1	Elephant tusk.	M/MW	Vlaming		12/2/94	Donation
GT	4161 a-b	41	2	Elephant tusk section.	OPG	Tank J & Sophie, sort.		14/8/95	
GT	4162	43	0	Fossilized amber (not pitch) see 4162 S.	MAGT			24/3/97	
GT	4162 a	43	0	Fossilized Amber( not pitch) sample : see 4162 S.	CLG	MAGT		24/3/97	
GT	4162 s	43	3	Fossilized amber	MAGT			24/3/97	
GT	4163	44	1	Green glass bottle body/base? sherd	MAB1			17/9/2001	Donation
GT	4164	44	1	Green glass case bottle body sherd	MAB1			17/9/2001	Donation

Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
GT	4165	44	1	Case bottle body/neck, sherd	MAB1			17/9/2001	Donation
GT	4166	41	1	Animal bone (rib?)	MAB1			17/9/2001	Donation
GT	6137	63	5	Barrel staves + 1 end piece	MAGT		1/3/88	23/6/92	
GT	6138	61	3	Sacrificial planking pieces					
GT	6139	61	1	Timber, 26 cm, soft					
GT	6140	61	7	Small timber pieces					
GT	6141	61	1	Timber piece, 45 c,					
GT	6142	62/63	62	Small timber pieces + barrel stave fragments					
GT	6143	61		Sacrificial planking					
GT	6144	61		Wood fragments					
GT	6145	61		Small timber fragments					
GT	6146	61		Timber concretion ?					
GT	6147	61		Sacrificial planking					
GT	6148	61		Timber					
GT	6149	63	47	Barrel stave fragments, including 2 lid fragments, Various size barrels.					
GT	6150	61	12	Timber fragments					
GT	6150 A	61	1	Wood wedge (cf GT 1069)					
GT	6151	61	2	Timber pieces					
GT	6152 A	61	1	Treenail					
GT	6152 B	66	1	Bark fragment					
GT	6153	63	1	Barrel stave					
GT	6154	61	2	Timber pieces - to cons for experiments					
GT	6155	63	1	Billet crate: plank, lid	CF			27/3/91	3/6/94. Packaged w/ 6130 + 6106
GT	6156	63	1	Billet crate: lid frags	CF			27/3/91	3/6/94. Packaged - own box.

ANCODS 2002: Vergulde Draeck material registered since 1991

11/6/02

Wreck	Reg. No.	Matco.	No. Items	Description	Musco	Loc2	Date found	Date Reg.	Notes
GT	6157	63	1	Billet crate: misc frags	CR	3/6/94. Packaged.		27/3/91	
GT	6160	61	4	Sacrificial sheathing, do not fit together				20/8/91	
GT	6161	61	2	Timber pieces, do not fit together				20/8/91	
GT	6162	61	3	Timber pieces, poor condition	CR		1970	25/5/98	Donation.
GT	8052	82	1	Cannon ball				14/2/94	
GT	8053	82	1	Iron bolt and concrete			27/10/99	31/7/2001	
GT	8054	82	1	Iron bolt conglomeration			27/10/99	31/7/2001	
GT	8055	82	1	Iron bolt conglomeration attached to limestone			27/10/99	31/7/2001	
GT	8056	82	1	Iron fastening			27/10/99	31/7/2001	
GT	8057	82	1	Iron fastening			27/10/99	31/7/2001	
GT	8058	88	2	Iron fragments			27/10/99	31/7/2001	
GT	8059	82	1	Iron fastening			27/10/99	31/7/2001	
GT	8060	82	1	Iron fastening			27/10/99	31/7/2001	
GT	8061	82	1	Iron fastening (small concreted nail)			27/10/99	31/7/2001	
GT	8062	82	1	Iron fastening			27/10/99	31/7/2001	
GT	8063	82	1	Iron fastening			27/10/99	31/7/2001	
GT	8064	82	1	Iron bolt head			27/10/99	31/7/2001	
GT	8065	82	1	Iron bolt head			27/10/99	31/7/2001	
GT	8066	81	1	Cannon ball	MABT			17/9/2001	Donation

ANCODS 2002: Zeewijk material registered since 1991

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Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
ZW	5582	21	4	Wall sherds.	MAZW	C1	12/3/91		Donated
ZW	5583	44	1	Case bottle neck and shoulders.	MAZW		12/3/91		Donated
ZW	5584	44	5	Case bottle wall sherds.	MAZW	C2	12/3/91		Donated
ZW	5585	44	13	Onion bottle neck + 12 onion base	MAZW	C2	12/3/91		Donated
ZW	5586	44	3	Wine glass bowl fragments	MAZW	Glass	12/3/91		Donated
ZW	5587	44	1	Wine glass stem. Similar to 100	MAZW	C2	12/3/91		Donated
ZW	5588	27	2	Clay pipes (2 complete bowls)	MAZW	C1	12/3/91		Donated
ZW	5589	27	11	Clay pipe bowl fragments. 6 mat	MAZW	C1	12/3/91		Donated
ZW	5590	27	78	Clay pipe stem fragments.	MAZW	C1	12/3/91		Donated
ZW	5591	32	1	Belt hook - Brass	MAZW	C3	12/3/91		Donated
ZW	5592	32	1	Button - brass, conical	MAZW	C3	12/3/91		Donated
ZW	5593	34	1	Fishing sinker - 3 holes	MAZW	C3	12/3/91		Donated
ZW	5594	84	2	Flat iron strap fragments	MAZW	C3	12/3/91		Donated
ZW	5595	82	2	Nail fragments	MAZW	C3	12/3/91		Donated
ZW	5596	82	2	Bothead, bolt fragment	MAZW	C3	12/3/91		Donated
ZW	5597	82	1	Ring section	GM	Ship Gall. ZW	12/3/91		Donated
ZW	5598	32	5	Copper frags. 3x., 2xcopper stir	MAZW	C3	12/3/91		Donated
ZW	5599	41	1	Bone bead (as ZW 254)	MAZW		12/3/91		Donated
ZW	5600	64	1	Sheave	CWA		14/5/92		
ZW	5601	61	1	Timber w/ remains of iron faste	CWA		15/5/92		
ZW	5602	32	1	Sheathing-wood. w/ iron concre			15/5/92		
ZW	5603	61	1	Sheathing plank w/ tack holes.	MAZW		15/5/92		
ZW	5604	32	1	Sheathing patch and tack: joine	MAZW	C3	14/5/92		
ZW	5605	1	1	Stone	MAZW		14/5/92	14/5/92	
ZW	5606	44	1	Onion bottle top section	MAZW	C1	14/5/92		
ZW	5607	44	6	Onion bottle - 4 neck, 1 base, 1	MAZW	C2	14/5/92		
ZW	5608	84	20	Billet samples- square + flat.	CWJ		14/5/92		
ZW	5609	86	1	Concretion from cannon.	CW		14/5/92		
ZW	5610	81	1	Cannon ball fragment.	CW		14/5/92		
ZW	5611	82	1	Concretion lump from nail barre	CW		14/5/92		
ZW	5612	82	4	Concretion lumps from nail barr			14/5/92		
ZW	5613	44	5	Case bottle base + bottle fragm	MAZW	C1	14/5/92		

ANCODS 2002: Zeewijk material registered since 1991

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Wreck	Reg. No.	Matco.	No. Items	Description	Musco	Loc2	Date found	Date Reg.	Notes
ZW	5614	27	1	Clay pipe stem w/ roulette patt	MAZW		15/5/92		
ZW	5615	27	1	Clay pipe stem.	MAZW	C1	15/5/92		
ZW	5616	2	1	Jug sherd of ZW.	MAZW	C1	15/5/92		
ZW	5617	44	3	Onion bottle base and 2 neck fragments.	MAZW	2		1/11/93	Amnesty donation
ZW	5618	44	1	Case bottle base.	MAZW	2		1/11/93	Amnesty donation
ZW	5619	32	1	Cauldron or 'Kettle', copper. Side missing. Wall made from c. 3 sheets of copper w/ c. 55 mm overlaps & vertical rivets (x 7-8) @ 20 mm diam. Rolled rim. Base made from single copper sheet raised 135 mm up side of wall sheets and riveted w/c.	MA	Top Perth Cabinets		6/1/94	Amnesty donation
ZW	5620	61	1	Timber with iron nails and caulking				10/5/94	Amnesty donation
ZW	5621	21	1	Stoneware jug, small				20/9/94	Donation
ZW	5622	21	1	Stoneware jug base sherd. Dark grey body.					Amnesty donation
ZW	5623	21	1	Stoneware jug wall sherd. Light grey body.					Amnesty donation
ZW	5624	21	1	Stoneware jug wall sherd. Buff body.					Amnesty donation
ZW	5625	21	1	Stoneware jug, handle section. Cream body.					Amnesty donation
ZW	5626	21	1	Stoneware jug base. Buff body. glaze eroded.					Amnesty donation
ZW	5627	21	2	Stoneware jug base, 2 sections. Buff body, clear to brown glaze.					Amnesty donation
ZW	5628	21	4	Stoneware jug base and 3 wall sherds. Grey body, brown glaze					Amnesty donation

Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
ZW	5629	21	15	Stoneware jug wall sherds. Grey body, light brown glaze.					Amnesty donation
ZW	5630	21	4	Stoneware jug wall sherds. Buff/grey body, brown glaze.					Amnesty donation
ZW	5631	21	6	Stoneware jug wall sherds. Grey body, dark brown glaze.					Amnesty donation
ZW	5632	21	6	Stoneware jug sherds. Buff/grey body, glaze clear to yellow (pale). (1 x base; 5 x wall).					Amnesty donation
ZW	5633	21	5	Stoneware jug sherds, 1 with part wheatshaf medallion.					Amnesty donation
ZW	5634	27	1	Clay pipe bowl w/ 'SVS' heelmark.	MAZW	1		1/2/99	Donation
ZW	5635	44	1	Glass fragment: from onion bottle.	MAZW	2		1/2/99	Donation
ZW	5636	31	1	Sword belt buckle: cast bronze w/ evidence of gilding. Very ornate w/ scrolls and mollusc shells [Ref. A3150]	GM	Ship Gall. ZW 16	24/4/1840	28/5/99	Stokes coll. Deed of Gift, Nicholson Museum, Sydney University
ZW	5637	44	1	Tumbler: engraved w/ scallop design around rim, alternating cross hatch and opaque w/clear rectangle, inverted flowers and circles [Ref. A3150].	GM	Ship Gall. ZW 16	24/4/1840	28/5/99	Stokes coll. Deed of Gift, Nicholson Museum, Sydney University

ANCODS 2002: Zeewijk material registered since 1991

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Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
ZW	5636	4	6	Labels and newspapers relating to ZW 5636 and ZW 5637 as displayed at the Nicholson Museum, University of Sydney. Includes: 2 labels No. 1344 Broken Dram Glass ornamented with flowers etc.; No. 1345 Sword Belt Buckle; bronze. massive & highly	GM	Ship Gall. ZW 16		8/5/2001	Stakes coll. Deed of Gift, Nicholson Museum, Sydney University

ANCODS 2002: Zuytdorp material registered since 1991

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Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
ZT	4125	44	1	Wine glass base.	MAZT	C1		12/3/1991	Donation
ZT	4126	27	9	Clay pipe fragments.	MAZT	C1		12/3/91	Donation
ZT	4127	21	1	Stoneware fragment.	MAZT	C1		12/3/91	Donation
ZT	4128	33	2	Pewter fragments.	MAZT	C1		12/3/91	Donation
ZT	4129	32	1	Copper fragment.	MAZT	C1		12/3/91	Donation
ZT	4130	32	2	Tacks: copper.	MAZT	C1		12/3/91	Donation
ZT	4131 A	32	7	Tufting nails.	MAZT	C1		12/3/91	Donation
ZT	4131 B	32	6	Tufting nails: 5 whole and 1 fragment.	MAZT	C1		12/3/91	Donation
ZT	4132	32	2	Buckle w/chape: brass.	MMW			12/3/91	Donation
ZT	4133			NO REGISTRATION					
ZT	4134	32	2	Bowl shaped object: brass. Part only.	MAZT	C1		12/3/91	Donation
ZT	4135	32	1	Strip: brass w/ends turned under. Possibly end of cartridge case.	MAZT	C1		6/7/91	Land
ZT	4136	32	2	Molten metal balls: small. 1 brass.	MAZT	C1		8/7/91	Land
ZT	4137	32	3	Copper strap fragments: heated.	MAZT	C1		8/7/91	Land
ZT	4138	27	1	Clay pipe stem section.	LN			7/7/91	Land
ZT	4139	51	1	Schilling: silver.	CL			7/7/91	Land
ZT	4140	27	4	Clay pipe stems x3 and 1 bowl.	LN			9/7/91	Land
ZT	4141	34	7	Fragments: possibly lead.	MAB1			9/7/91	Land
ZT	4142	82	1	Fastening head (nail, spike?)	MAZT	C1		9/7/91	Land
ZT	4143	82	1	Tack: small.	MAZT	C1		9/7/91	Land
ZT	4144	82	2	Iron fragments: part of fastening?	MAZT	C1		9/7/91	Land
ZT	4145	82	15	Iron fragments: 1 similar to 4144. 1 w/ nail head impression - 8mm, rest flat iron fragments.	MAZT	C1		9/7/91	Land

Wreck	Reg. No.	Matco.	No. Items	Description	Musco	Loc2	Date found	Date Reg.	Notes
ZT	4146	29	4	Porcelain bowl sherds: blue/white inside w/outer brown glaze.	MAZT	C1		9/7/91	Land
ZT	4147	31	1	Breech block.	MAZT	On top of ZT cupboard		11/7/91	Land
ZT	4148	34	1	Lead sheet.	UN			11/7/91	Land
ZT	4149	51	2	Coin fragments: silver.	MAZT	C1		11/7/91	Land
ZT	4150	32	1	Tufting nail: brass.	MAZT	C1		11/7/91	Land
ZT	4151	32	1	Escutcheon plate: [musket] copper as ZT 1821. CAMER ZEELAND and castle.	GM	Ship Gall. ZT 9		12/7/91	Land
ZT	4152 A	82	4	Bolt in concretion: large.	MAZT	C1		12/7/91	Land
ZT	4152 B	84	1	Flat iron strapping: piece only.	MAZT	C1		12/7/91	Land
ZT	4154	82	10	Bolt pieces.	MAZT	C1		12/7/91	Land
ZT	4155	32	1	Buckle, brass	GM	Ship Gall. ZT 10.1		12/7/91	Land
ZT	4156	44	1	Glass fragment: clear.	MAZT	C1		12/7/91	Land
ZT	4157	51	10	9 Schellingen and 1 Stuiver.			12/7/91	12/7/91	From 1986 concretions
ZT	4158	32	1	Cylinder: brass.	MAZT	C1		17/3/92	Wreck site
ZT	4159	32	1	Adze	MAZT	Metals		17/3/92	Wreck site
ZT	4160	21	1	Stoneware sherd.	MAZT	C1		17/3/92	Wreck site
ZT	4161	31	1	Swivel gun: 2/3 worn away.	CFW			17/3/92	Wreck site
ZT	4162	51	1	Timber Sample.	CWA			17/3/92	Wreck site
ZT	4163	44	1	Case bottle base.	MAZT	C1		17/3/92	Wreck site
ZT	4164	62	1	Tree nail.	CWA			17/3/92	Wreck site
ZT	4165	44	1	Onion bottle base.	MAZT	C1		17/3/92	Wreck site
ZT	4166	44	3	Glass fragments.	MAZT	C1		17/3/92	Wreck site
ZT	4167	27	11	Clay pipe and stem fragments.	MAZT	C1		17/3/92	Wreck site
ZT	4168	2	1	Ceramic sherd.	MAZT	C1		17/3/92	Wreck site
ZT	4169	25	1	Brick fragment.	MAZT	C1		17/3/92	Wreck site
ZT	4170	25	1	Brick section.	MAZT	C1		17/3/92	Wreck site

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Wreck	Reg. No.	Matco.	No. Items	Description	Musco	Loc2	Date found	Date Reg.	Notes
ZT	4171	44	1	Base sherd w/ clear serrated edge.	MAZT	C1		17/3/92	Wreck site
ZT	4172	32	1	Sheeting: copper.	CWA			17/3/92	Wreck site
ZT	4173	32	1	Tufting nail.	MAZT	C1		17/3/92	Wreck site
ZT	4174	27	4	Clay pipe fragments.	MAZT	C1		17/3/92	Wreck site
ZT	4175	21	1	Stoneware sherd.	CWC			17/3/92	Wreck site
ZT	4176	34	1	Lead ingot: large size.	CWA			17/3/92	Wreck site
ZT	4177	34	1	Lead ingot: large size.	CWA			17/3/92	Wreck site
ZT	4178	34	1	Lead ingot: large size.	CWA			17/3/92	Wreck site
ZT	4179	34	1	Lead ingot: large size.	CWA			17/3/92	Wreck site
ZT	4180	51	1	Coin fragment.	MAZT	C1		13/10/92	Donation
ZT	4181	82	1	Bolt section.	MAZT	C1		13/10/92	Donation
ZT	4182	86	1	Ring in concretion.	MAZT	C1		13/10/92	Donation
ZT	4183	27	1	Clay pipe stem fragment.	MAZT	C1		13/10/92	Donation
ZT	4184	6	1	Piece of pine/Oregon.	MAZT	C1		13/10/92	Donation
ZT	4185	86	1	Concretion.	MAZT	C1		13/10/92	Donation
ZT	4186	41/40	2	Skull fragments: animal or human?	MAZT	C1		13/10/92	Donation
ZT	4190	32	2	Cartridge case: brass w/ 6 tubes; 4 are still soldered in place; 2 have become detached. Remains of solder indicate the position of remaining holders. Musket ball No. 3 from LHS. Row of holes along the top for attachment to leather casing.	GM	Ship Gall. ZT 9 /MAZT x 1 small piece		14/5/93	Wreck site

Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
ZT	4191	34	1	Musket ball in situ from ZT 4190 (cartridge case). The shot has an uneven mould line (marking the two halves of the mould) which divides a 7 mm diam, circular, flattened 'base'. Concentric mould lines around the body of the shot.	GM	Ship Gall. ZT 9		14/5/93	Wreck site
ZT	4192	34	1	Cartridge case side piece: somewhat squashed and broken.	GM	Ship Gall. ZT 9		14/5/93	Wreck site
ZT	4193	34	1	Cartridge case side piece: one end eroded.	MAZT			14/5/93	Wreck site
ZT	4194	32	1	Cartridge case tube: brass.	GM	Ship Gall. ZT 9		14/5/93	Wreck site
ZT	4195	32	1	Cartridge case tube fragment: brass.	MAZT	C1		14/5/93	Wreck site
ZT	4196	32	1	Base section of cartridge case: brass.	GM	Ship Gall. ZT 9		14/5/93	Wreck site
ZT	4197	32	1	Sheathing, bent, w/ nail holes copper. Nail holes 4 mm square, varying distances apart around edges of sheathing; and 1 x 7-8 mm square. Nail not returned cons.	GM	Ship Gall. ZT 10.2		14/5/93	Wreck site
ZT	4198	32	1	Dividers navigation: brass w/ complete points.	M/W			14/5/93	Wreck site
ZT	4199	32	104	Tufting nails: bulk no'. 66 large and 38 small.	MAZT	C1		14/5/93	Wreck site
ZT	4200	34	0	Musket balls: bulk reg. no'.	CLA			14/5/93	Wreck site
ZT	4201	27	0	Clay pipe pieces: bulk registration no'.	MAZT	C1		14/5/93	Wreck site
ZT	4202	2	0	Ceramic fragments: bulk.	MAZT	C1		14/5/93	Wreck site
ZT	4203	51	1	Coin: silver 16th Century?	MA			14/5/93	Wreck site

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Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
ZT	4204	51	1096	Two Stuiver coins and 14 fragments/scrap; silver.	MA			14/5/93	Wreck site. See NM d/b
ZT	4205	51	848	Schillings and 6 fragments/scrap; silver.	MA			14/5/93	Wreck site. See NM d/b
ZT	4206	51	64	Two reals; silver.	MA			14/5/93	Wreck site. See NM d/b
ZT	4207	51	64	Four reals; silver.	MA			14/5/93	Wreck site. See NM d/b
ZT	4208	51	211	Eight reals; silver.	MA			14/5/93	Wreck site. See NM d/b
ZT	4209	51	43	Ducaton including a half Ducaton; silver.	MA			14/5/93	Wreck site. See NM d/b
ZT	4210	51	6	Half Ducatons; silver.	MA			14/5/93	Wreck site. See NM d/b
ZT	4211	15	4	Flint lump cracked and fragments.	MAZT	C1		14/5/93	Wreck site
ZT	4212	46	1	Sword scabbard section; leather and wood.	CLG			15/6/93	Wreck site
ZT	4213	32	1	Musket ball cylinder; brass.	OW			14/5/93	Wreck site
ZT	4214	62	1	Sword scabbard section in concretion.	CLA			14/5/93	Wreck site
ZT	4215 A-G	86	7	Concretions to be excavated to go into separate registrations after excavation.	CLA			14/5/93	Wreck site
ZT	4216	32	1	Flat piece of copper; slipper shaped w/ nail holes at edge.	MAZT	C1		14/5/93	Wreck site
ZT	4217	62	1	Sword handle; brass wire whipped.	CLA			14/5/93	Wreck site
ZT	4218	62	1	Sword handle; brass wire whipped.	CLA			14/5/93	Wreck site
ZT	4219	32	1	Musket ball tube w/ musket ball armour from concretion.	CWA			14/5/93	Wreck site
ZT	4220	34	1	Musket ball from ZT 4219.				14/5/93	Wreck site
ZT	4221	62	1	Tube fragments; wood in/from concretion.	CWA			14/5/93	Wreck site
ZT	4222	6	1	Rod; wood in/from concretion.	CWA			14/5/93	Wreck site

Wreck	Reg. No.	Matcoo.	No. Items	Description	Musco	Loc2	Date found	Date Reg.	Notes
ZT	4223	41	1	Button: wood/bone/ivory-concretion.	CLG			14/5/93	Wreck site
ZT	4224	46	0	Leather fragments in/from concretion.				14/5/93	Wreck site
ZT	4225	32	1	Cylinder: brass w/ threaded ring, slips on end.	MAZT	C1		14/5/93	Wreck site
ZT	4226	62	1	Sword scabbard section: wood w/ leather cover.				14/5/93	Wreck site
ZT	4227	32	12	Sheathing tacks: copper.	MAZT	C1		14/5/93	Wreck site
ZT	4228	32	0	Pins: brass.	MAZT	C1		14/5/93	Wreck site
ZT	4229	32	1	Supporting bracket: copper.	MAZT	C1		14/5/93	Wreck site
ZT	4230	32	1	Collar: possibly end of cartridge case...	MAZT	C1		14/5/93	Wreck site
ZT	4231	32	2	Brass and copper fragments: musket ball canister?	MAZT	C1		14/5/93	Wreck site
ZT	4233	12	0	Coal fragments.				14/5/93	Wreck site
ZT	4234	15	1	Flint: musket in armour concretion.	MAZT	C1		14/5/93	Wreck site
ZT	4235	11	2	Pencil points: slate in armour concretion.	MAZT	C1		14/5/93	Wreck site
ZT	4236 A	21	16	Ceramic fragments: saltglaze stoneware sherds.	MAZT	Ceramics		14/5/93	Wreck site
ZT	4236 B	29	3	Ceramic fragments: Blue and white porcelain sherds (small).	MAZT	Ceramics		14/5/93	Wreck site
ZT	4236 c	23	2	Ceramic fragments: Majolica sherds. Traces of blue glaze.	MAZT	Ceramics		14/5/93	Wreck site
ZT	4236 D	22	5	Ceramic fragments: Earthenware sherds, thick.	MAZT	Ceramics		14/5/93	Wreck site
ZT	4236 E	44	2	Glass fragments - green bottle glass.	MAZT	Ceramics		14/5/93	Wreck site
ZT	4237	86	2	Concretion from gun barrels.	MAZT	C1		14/5/93	Wreck site
ZT	4238	41	1	Bone: rib, clavicle ? human? To be identified	CWA			14/5/93	Wreck site

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Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
ZT	4241	49	2	Model: representing 'Zuytdorp' rigged. Constructed by Dr C. de Heer from wood, iron, copper, fabric and paint.	MWV			20/3/96	Purchased from owner by WAM for \$37,500
ZT	4242	61	3	Timbers from ZT wreckage.	MAZT	C1	3/4/96	20/3/96	Wreck site
ZT	4246	34	1	Knob/cover: lead.	MAB1		3/4/96	3/4/96	Wreck site
ZT	4247	34	1	Musket ball.	MAB1		3/4/96	3/4/96	Wreck site
ZT	4248	21	0	Stoneware sherds.	CWC		3/4/96	3/4/96	Wreck site
ZT	4249	81	0	Cannon ball fragments.	CWJ		3/4/96	3/4/96	Wreck site
ZT	4250	34	1	Lead dome: small.	MAB1		3/4/96	3/4/96	Wreck site
ZT	4251	27	0	Clay pipe fragments.	CWC		3/4/96	3/4/96	Wreck site
ZT	4252	86	0	Concretions: excavated to individual artifacts.	NR		3/4/96	3/4/96	Wreck site
ZT	4253-9	5	0	Coins.	MA		3/4/96	3/4/96	Wreck site
ZT	4260	34	5	Lead ingot: large.	CWA	To be moved to MAWG	3/4/96	3/4/96	Wreck site
ZT	4261	32	256	Tufting nails.	MAB1		3/4/96	3/4/96	Wreck site
ZT	4262	51	1	Coin concretion: to be retained as is.	CWA		3/4/96	3/4/96	Wreck site
ZT	4264	32	1	Musket escutcheon: scroll style.	MAB1		3/4/96	3/4/96	Wreck site
ZT	4265	34	0	Lead fragments.	MAB1		3/4/96	3/4/96	Wreck site
ZT	4266	15	1	Gun flint.	mazt		3/4/96	3/4/96	Wreck site
ZT	4267	32	9	Sheathing tacks.	MAB1		3/4/96	3/4/96	Wreck site
ZT	4268	32	1	Tack rolled: brass.	MAB1		3/4/96	3/4/96	Wreck site
ZT	4269	44	2	Case bottle sherds.	MAB1		22/6/96	1/7/96	Wreck site
ZT	4270	27	1	Clay pipe bowl: heelmark 'duck and crown'.	MAB1		22/6/96	1/7/96	Wreck site
ZT	4271	17	1	Stone fragment: for identification.	MAZT	C1	22/6/96	1/7/96	Land
ZT	4272	86	1	Iron fragment.	MAZT	C1	22/6/96	1/7/96	Land
ZT	4273	27	1	Clay pipe stem section.	MAB1		22/6/96	1/7/96	Land
ZT	4274	17	1	Stone fragment: for identification.	MAZT	C1	22/6/96	1/7/96	Land

ANCODS 2002: Zuytdorp material registered since 1991

11/6/02

Wreck	Reg. No.	Matco.	No. items	Description	Musco	Loc2	Date found	Date Reg.	Notes
ZT	4275	27	3	Clay pipe stem fragment.	MAB1		22/6/96	1/7/96	Land
ZT	4276	27	1	Clay pipe bowl fragment.	MAB1		22/6/96	1/7/96	Land
ZT	4277	12	0	Charcoal fragments: identification.	CLG		22/6/96	1/7/96	Land
ZT	4278	49	1	Soil sample.	MAZT	C1	22/6/96	1/7/96	Land
ZT	4279	61	1	Timber piece as ZT 4242.	CWA		30/9/96	3/11/96	Land
ZT	4280	61	7	Timber sections, some probably ZT. cf. 4279.	MAWG		1/1/53	7/7/97	Donation
ZT	4281	31	1	Breech block, bronze. (Presume ZT, cf. ZT 100 supposed from Lady Elizabeth, to be investigated)	CL			15/9/97	Donation
ZT	4282	31	2	Ship's bell-2 sections. Marked '1704'. Fits with ZT540	MMU	37		17/3/98	Donation

**B. Dutch skeletal material excavated from 1960 to 1994 (BAT series)**



ANCODS 2002: Dutch skeletal material excavated from 1963 to 1994

11/5/02

Wreck	Reg. No.	Mat.	Description	Body part	Individual	Age Class	Location	Location	Date found	Date reg.	ANCODS
BAT	15508 A	40	Skeleton, human (Anthropology Collection). Post-cranial only. Arms missing. Possibly juvenile female/male aged 16-18 years. Pelvis incomplete. [? Willemynge Bastiaensz, second daughter of the Predikant (Hunnycoun) or Jan Dircxsz (Pasveer).	Post-cranial skeleton		Juvenile	ANMM		Jul-Aug 1963		1975 C
BAT	3901 M	40	Skeleton, human. Skull, part mandible and skeleton. Female aged 16-18 years.	Head		Juvenile	1975N	Temporary LO to WA MA	23.3.60	13.7.60	1975N
BAT	15507 A	40	Skeleton human. Traumatized skull, severed shoulder and disarticulated jaw. Male aged 35-39. [? Jacob Hendricxsz. Gunner]	Skeleton		Adult	MME	6. Also Bat Bone Storage	1.8.63		
BAT	16316 A	40	Skull human. Traumatized skull; mandible missing. Male aged c. 33-37 [? Hendrick Demys]	Head		Adult	GM	Ship Gall. BAT 6	12.3.64		
BAT	4634	40	Bone section: weathered human femur.				MABAT	Land site storage	1.11.97	16.12.97	
BAT	15831 A	40	Skull. Estimated age 18 to 23 years. Sex uncertain. Teeth show some growth arrest lines. Large fracture in temporal region, possibly formed sometime after death, possibly as consequence of soil pressure.	Head		Adult	MA		25.5.63		
BAT	4635	40	Scapula (cut surfaces)	Torso			MA		16.6.94		
BAT	4637	40	Nasal?	Head			MA		16.6.94		
BAT	4638	40	Skull bone? near suture?	Head			MA		16.6.94		
BAT	4640	40	Scapula?	Torso			MA		16.6.94		
BAT	4641	40	Carpal bone. R. os capitulum. SK7	Hand	SK7	Adult	MA		16.6.94		
BAT	4642	40	Unidentified bone	Unid.			MA		16.6.94		
BAT	4643	40	Distal end of R. rectus. SK11 or SK 7.	Arm	SK11 or SK7	Adult	MA		16.6.94		
BAT	4644	40	Long bone or rib fragment.	Unid.			MA		16.6.94		
BAT	4645	40	Skull bone fragment?	Head			MA		16.6.94		
BAT	4646 A	40	Bone fragment.	Unid.			MA		16.6.94		
BAT	4646 B	40	Long bone fragment.	Arm or leg.			MA		16.6.94		
BAT	4646 C	40	Capitulum locus fragment.				MA		16.6.94		
BAT	4646 D	40	Very small fragment.				MA		16.6.94		

ANCODS 2002: Dutch skeletal material excavated from 1963 to 1994

11/5/02

Wreck	Reg. No.	Met.	Description	Body part	Individual	Age Class	Location	Location	Date found	Date reg.	ANCODS
BAT	4547	40	Vertebra, cervical ?	Torso			MA	MA	16.6.94		
BAT	4548	40	Long bone fragment.	Arm or leg			MA	MA	16.6.94		
BAT	4549	40	Part of maxilla, left, with canine in situ. Tooth worn on incisal edge. SK5	Head	SK5	Adult	MA	MA	16.6.94		
BAT	4550	40	Tooth, premolar LP1. Cusps very worn. SK5	Head	SK5	Adult	MA	MA	16.6.94		
BAT	4551	40	Right side temporal bone including styloid process, auditory canal etc. SK5	Head			MA	MA	16.6.94		
BAT	4553	40	Rib fragments.	Torso			MA	MA	16.6.94		
BAT	4554	40	Unidentified fragment.	Unid.			MA	MA	16.6.94		
BAT	4555	40	Skull fragment.	Head			MA	MA	16.6.94		
BAT	4558	40	Skull fragment.	Head			MA	MA	16.6.94		
BAT	4559	40	Bone or shell ? fragment				MA	MA	16.6.94		
BAT	4560	40	Rib fragments.	Torso			MA	MA	16.6.94		
BAT	4551	40	First rib R. SK 10	Torso	SK10	Adult	MA	MA	17.6.94		
BAT	4562	40	R. Vertebra. Part of axis. Fits w/ BILS 100.	Torso			MA	MA	17.6.94		
BAT	4563	40	Rib fragment.	Torso			MA	MA	17.6.94		
BAT	4564	40	Nasal fragment ? Unid.	Head			MA	MA	18.6.94		
BAT	4565	40	Skull fragment with suture. Fits with frags from spit 6. SK6	Head	SK6	Adult	MA	MA	18.6.94		
BAT	4666	40	Molar. Upper right M2. Very worn. SK5	Head	SK5	Adult	MA	MA	19.6.94		
BAT	4667	40	Vertebra. Part of axis	Torso			MA	MA	19.6.94		
BAT	4668 A	40	Skull fragment. Os nasale. SK 5	Head	SK5	Adult	MA	MA	19.6.94		
BAT	4668 B	40	Skull fragment. SK 5 ?	Head	SK5?	Adult	MA	MA	19.6.94		
BAT	4668 C	40	Skull fragment. SK 5 ?	Head	SK5?	Adult	MA	MA	19.6.94		
BAT	4668 D	40	Skull fragment. SK 5 ?	Head	SK5?	Adult	MA	MA	19.6.94		
BAT	4669	40	Rib fragment.	Torso			MA	MA	19.6.94		
BAT	4670	40	R. scapula. SK10	Torso	SK10	Adult	MA	MA	19.6.94		
BAT	4671	40	L. Humerus. Distal end. SK 10	Arm	SK10	Adult	MA	MA	19.6.94		
BAT	4672	40	L. Humerus. Shaft. SK 10	Arm	SK10	Adult	MA	MA	19.6.94		
BAT	4673	40	Long bone fragments? Scapula ?	Torso?			MA	MA	19.6.94		
BAT	4674	40	Radius, proximal end and shaft. SK 10	Arm	SK10	Adult	MA	MA	19.6.94		
BAT	4675	40	Ulna. SK 10	Arm	SK10	Adult	MA	MA	19.6.94		
BAT	4676	40	R. Temporal zygomatic process. SK 6	Head	SK6	Adult	MA	MA	19.6.94		
BAT	4677	40	Occipital fragment. SK 6 (Loose piece came away during excavation.)	Head	SK6	Adult	MA	MA	19.6.94		

ANCOGS 2002: Dutch skeletal material excavated from 1963 to 1994

11/5/02

Wreck	Reg. No.	Mat.	Description	Body part	Individual	Age Class	Location	Location	Date found	Date reg.	ANCOGS
BAT	4678	40	Skull, frontal part (calvarium). SK 5	Head	SK5	Adult	MA	MA	19.6.94		
BAT	4679	40	Skull, occipital part. SK 5	Head	SK5	Adult	MA	MA	19.6.94		
BAT	4680	40	Skull fragment. Fits with left side of occipital suture of BAT 4655. SK 6	Head	SK6	Adult	MA	MA	19.6.94		
BAT	4681	40	Skull pieces, 2 pieces joined by suture, fits with BAT 4680 on left side of skull, mastoid area. SK 6	Head	SK6	Adult	MA	MA	19.6.94		
BAT	4682	40	Skull fragment. Left side of foramen magnum. SK 6	Head	SK6	Adult	MA	MA	19.6.94		
BAT	4683	40	Skull fragment. ? fits w/... SK 6 (?)	Head	SK6?	Adult	MA	MA	19.6.94		
BAT	4685	40	Vertebra, cervicis, fragment.	Head	SK7	Adult	MA	MA	17.6.94		
BAT	4686	40	Skull. SK ?	Head	SK7	Adult	MA	MA	17.6.94		
BAT	4687	40	Unidentified bone frags.	Unid.			MA	MA	17.6.94		
BAT	4689	40	Unid. bone frags.	Unid.			MA	MA	16.6.94		
BAT	4690	40	Phalange Proximal.	Unid.			MA	MA	17.6.94		
BAT	4692 B	40	Carpal bone. R. Os trapezium SK 7	Hand	SK7	Adult	MA	MA	17.6.94		
BAT	4692 C	40	Carpal bone. L. Os hamatum. SK 7	Hand	SK7	Adult	MA	MA	17.6.94		
BAT	4692 D	40	Distal end of metacarpal/arsal bone.	Foot			MA	MA	17.6.94		
BAT	4693 A	40	Vertebra. fragment.	Torso			MA	MA	17.6.94		
BAT	4693 B	40	Unid. bone fragments.	Unid.			MA	MA	17.6.94		
BAT	4694	40	Unid. bone fragments.	Unid.			MA	MA	17.6.94		
BAT	4695	40	Unid. bone fragment.	Unid.			MA	MA	17.6.94		
BAT	4696	40	L. First rib. SK 10	Torso	SK10	Adult	MA	MA	18.6.94		
BAT	4698	40	Unid. human bone fragment (+ 2 non-human)	Unid.			MA	MA	18.6.94		
BAT	4700	40	Unid. bone fragments	Unid.			MA	MA	18.6.94		
BAT	4703	40	Lower jaw fragment. (? Animal).	Unid.			MA	MA	17.6.94		
BAT	4704	40	Second rib (? Animal)	Torso?			MA	MA	17.6.94		
BAT	4706	40	Skull fragments. 1 x fragment of SK 5	Head	SK5	Adult	MA	MA	18.6.94		
BAT	4707	40	Mandible fragment. ??Unid.	Head			MA	MA	18.6.94		
BAT	4708	40	Unid. small fragments.	Unid.			MA	MA	18.6.94		
BAT	4709	40	L. First rib. Juvenile	Torso		Juvenile	MA	MA	18.6.94		
BAT	4710	40	Distal phalange	Unid.			MA	MA	18.6.94		
BAT	4711	40	Skull ?	Head			MA	MA	18.6.94		
BAT	4712	40	Unid. fragments.	Unid.			MA	MA	18.6.94		
BAT	4714 A	40	Skull frag (?)	Head			MA	MA	18.6.94		
BAT	4714 B	40	Vertebra frag	Torso			MA	MA	18.6.94		
BAT	4715	40	Unid. bone fragments	Unid.			MA	MA	18.6.94		

Wreck	Reg. No.	Mat.	Description	Body part	Individual	Age Class	Location	Location	Date found	Date reg.	ANCOGS
BAT	4716	40	Carpal bone, R. Os hamatum. SK 10 (or SK 7)	Hand	SK10 (or SK7)	Adult	MA	1st Floor	18.6.94		
BAT	4717	40	Unid. bone fragments.	Unid.			MA	1st Floor	18.6.94		
BAT	4720	40	Atlas. Fits best with BILS 100. (SK 5 mini square)	Torso	SK5?	Adult	MA	1st Floor	18.6.94		
BAT	4721	40	Atlas. Fits best with BAT 4667. SK 6 (?)	Torso	SK6?	Adult	MA	1st Floor	18.6.94		
ZT	3285	40	Bone: human or animal.	Unid.			MAZT	C1	7.5.86	7.5.86	
ZW	3789M	40	Skull and mandible. Collected from Gun Is.	Head		Adult	WAM	Anthrop	1893		
ZW	3790M	40	Skull and mandible. Collected from Gun Is.	Head		Adult	WAM	Anthrop	1893		

3789  
3790

**C. *Batavia* skeletal material excavated from the Beacon Island mass grave 1999–2001 (BILS series)**



ANCODS 2002: *Batavia* skeletal material excavated from mass grave 1999-2001

11/5/02

Wreck	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	3	Human bone frag (1)	40	Unidentified		Human unidentified	Unidentified	Unidentified	29/9/99
BILS	9	Carpal bone, semi-lunate	40	Lunar bone		Hand	Unidentified	Adult	30/9/99
BILS	10	Carpal bone, pisiform	40	Pisiform bone		Hand	SK10	Adult	30/9/99
BILS	11	Human bone (3 frags)	40	Unidentified	3 frags	Human unidentified	Unidentified	Unidentified	3/10/99
BILS	13	Human bone frags (4)	40	Unidentified	4 small fragments	Human unidentified	Unidentified	Unidentified	3/10/99
BILS	15	Mastoid process.	40	Temporal bone Processus mastoideus		Head	SK6	Adult	3/10/99
BILS	16	Human bone, Scapula?	40	Shoulder blade	Acromion fragment	Torso	SK10	Adult	3/10/99
BILS	22		40	Unidentified	2 fragments	Human unidentified	Unidentified	Unidentified	28/9/99
BILS	23	Hand/foot bone	40	Middle finger bone unidentified	Right? medial phalanx 5? arthritis in proximal joint? bone is curved sideways	Hand	SK7	Adult	30/9/99
BILS	24	Hand/foot bone?	40	Ulna	Distal part of ulna.	Arm	SK10	Adult	30/9/99
BILS	25	Human bone (2 frags)	40	Nasal bone	2 fragments, one looks like nasal bone?	Head	SK7	Adult	30/9/99
BILS	28	Thoracic adult vertebra	40	Vertebra unidentified	Thoracic vertebra frag with slight ly bent proc. pinosus	Torso	Unidentified	Adult	30/9/99
BILS	29	Thoracic juvenile vertebra	40	Vertebra unidentified, Arcus vertebra	Thoracic arcus vertebrae	Torso	SK9	Juvenile	30/9/99
BILS	30	Human bone	40	Lunar bone		Hand	SK7	Adult	3/10/99
BILS	31	Clavicle, adult left	40	Collar bone	Lateral end damaged	Torso	SK10	Adult	30/9/99
BILS	32	Long bone, fragment, humerus	40	Upper arm bone		Arm	Unidentified	Adult	30/9/99
BILS	33	Tooth RP 2, Adult	40	Permanent upper second premolar		Dentition	SK6	Adult	30/9/99
BILS	34	Petrosal (Temporal) bone	40	Temporal bone	Pars petrosa slightly damaged	Head	SK5	Adult	30/9/99
BILS	35	Human bone	40	Unidentified	2 small fragments	Human unidentified	Unidentified	Unidentified	12/10/99
BILS	36	Human bone (1 frag); long bone?	40	Upper arm bone	Small long bone fragment	Long bone	SK10	Adult	1/10/99
BILS	40	Vertebra frag., adult	40	Vertebra unidentified	Cervical vertebra	Torso	Unidentified	Adult	1/10/99
BILS	41	Skull fragment	40	Occipital bone	2 frags	Head	SK6	Adult	1/10/99
BILS	42	Human bone (1 hand + 11 frags)	40	Unidentified	10 small fragments + 1 carpal fragment?	Torso	Unidentified	Unidentified	3/10/99
BILS	47	Atlas + other frags (2 pieces)	40	Vertebra C1, atlas		Torso	SK7	Adult	3/10/99
BILS	48	Vertebra, adult	40	Vertebra C5	Cervical vertebra, corpus missing	Torso	SK7	Adult	3/10/99

ANCODS 2002: *Batavia* skeletal material excavated from mass grave 1999-2001

11/5/02

Wreck	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	49	Human bone, adult frag	40	Shoulder blade		Torso	Unidentified	Adult	3/10/99
BILS	50	Tooth, Upper molar, adult	40	Permanent upper first molar		Dentition	SK6	Adult	3/10/99
BILS	51	Human unidentified	40	Unidentified	3 very small fragments	Human unidentified	Unidentified	Unidentified	12/10/99
BILS	52	Petrosal (Temporal) bone	40	Temporal bone	Pars petrosa slightly damaged, pars squamosa broken off	Head	SK5	Adult	3/10/99
BILS	53	Human unidentified	40	Unidentified	Small fragment	Human unidentified	Unidentified	Unidentified	7/10/99
BILS	54	Tooth + 3 fragments human bone	40	Unidentified	5 small fragments	Human unidentified	Unidentified	Unidentified	5/10/99
BILS	59	Humerus	40	Upper arm bone	Proximal end missing, fracture	Arm	SK7	Adult	5/10/99
BILS	60	Thumb bone 1	40	Metacarpal bone 1		Hand	SK7	Adult	5/10/99
BILS	61	Hand (metacarpal) bone 2	40	Metacarpal bone 2	Distal end is missing	Hand	SK7	Adult	5/10/99
BILS	62	Hand (phalanx) bone 3, proximal	40	Proximal finger bone 3	Proximal end missing	Hand	SK7	Adult	5/10/99
BILS	63	ForamenMagnum?Vertebra?	40	Occipital bone	Anterior rim of foramen magnum	Head	SK5	Adult	5/10/99
BILS	64	Axis	40	Vertebra C2, axis	Especially corpus vertebrae damaged	Torso	SK7	Adult	5/10/99
BILS	65	Finger/toe bone	40	Distal finger bone unidentified	Distal phalanx 4?	Hand	Unidentified	Adult	6/10/99
BILS	66	Hand/foot bone	40	Pisiform bone	Slightly damaged	Hand	SK7	Adult	6/10/99
BILS	67	Human bone fragments (5)	40	Unidentified	5 small fragments, 1 may be toe phalanx??	Human unidentified	Unidentified	Unidentified	6/10/99
BILS	69	Human bone frags (13) v. small	40	Unidentified	13 very small fragments	Human unidentified	Unidentified	Unidentified	6/10/99
BILS	71	Human bone (10 frags)	40	Unidentified	10 small fragments	Human unidentified	Unidentified	Unidentified	6/10/99
BILS	72	Human bone frags (3)	40	Unidentified	Very small fragments	Human unidentified	Unidentified	Unidentified	6/10/99
BILS	74	Tooth No 17 (716) Upper Right Second Molar	40	Permanent upper second molar		Dentition	Unidentified	Adult	2/10/99
BILS	75	Human bone (1 frag)	40	Unidentified	1 fragment	Human unidentified	Unidentified	Unidentified	2/10/99
BILS	79	Human bone (3 frag)	40	Unidentified	1 fragment	Human unidentified	Unidentified	Unidentified	29/9/99
BILS	81	Human bone (1 frag)	40	Facial region unidentified	1 fragment	Head	Unidentified	Unidentified	2/10/99
BILS	88	Intra-orbital rim/cheek	40	Cheek bone		Head	SK5	Adult	2/10/99
BILS	89	Human bone, articular surface of long bone (?radius or ulna)	40	Radius	Proximal radius (caput radii) fragment	Arm	Unidentified	Adult	30/9/99

ANCODS 2002: *Batavia* skeletal material excavated from mass grave 1999-2001

11/5/02

Wreck Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS 90	Human bone (2 frags)	40	Unidentified	2 small fragments	Human unidentified	Unidentified	Unidentified	30/9/99
BILS 94	Human unidentified	40	Unidentified	1 very small fragment of trabecular bone	Human unidentified	Unidentified	Unidentified	12/10/99
BILS 95	Rib, juvenile	40	Rib unidentified	Both ends damaged	Torso	SK9	Juvenile	30/9/99
BILS 96	Rt Maxilla, fragment. Poss. abscess at the central incisor. Shiny occlusal surface possibly from grinding.	40	Upper jaw	Right side of maxilla plus os zygomaticum attached; URC + URP1 present, URM1 antemortem loss.	Head	SK5	Adult	30/9/99
BILS 99	Human unidentified	40	Unidentified	11 small fragments	Human unidentified	Unidentified	Unidentified	12/10/99
BILS 100	Vertebra, part (axis?)	40	Vertebra C2, axis	left half.	Torso	Unidentified	Adult	1/10/99
BILS 101	Human bones (2 frags)	40	Unidentified	2 fragments	Human unidentified	Unidentified	Unidentified	1/10/99
BILS 103	Human bone frag (1)	40	Unidentified	1 fragment	Human unidentified	Unidentified	Unidentified	1/10/99
BILS 108	Tooth, incisor	40	Permanent upper lateral incisor	Very worn (left?)	Dentition	SK5	Adult	2/10/99
BILS 109	Human bone fragment (1)	40	Unidentified	1 fragment	Human unidentified	Unidentified	Unidentified	2/10/99
BILS 116	Cervical vertebra, juvenile	40	Vertebra unidentified.	slightly damaged, cervical vertebra	Torso	SK9	Juvenile	2/10/99
BILS 120	Rib, juvenile	40	Arcus vertebrae	Probably right, both ends missing	Torso	SK9	Juvenile	2/10/99
BILS 121	Fibula, juvenile	40	Rib unidentified		Leg	SK9	Juvenile	2/10/99
BILS 122	Tooth	40	Splint bone			SK5	Adult	3/10/99
BILS 123	Vertebra frag?	40	Permanent upper lateral incisor		Dentition			
BILS 124	Rib, juvenile	40	Vertebra unidentified.		Torso	Unidentified	Adult	3/10/99
BILS 125	Human bone	40	Rib unidentified		Torso	SK9	Juvenile	3/10/99
BILS 126	Human bone (2 frags)	40	Unidentified	Flat bone; skull or scapula?	Human unidentified	Unidentified	Unidentified	3/10/99
BILS 130	Vertebra, juvenile	40	Unidentified	2 small fragments	Human unidentified	Unidentified	Unidentified	3/10/99
BILS 131	Long bone shaft	40	Vertebra unidentified.	Probably thoracic	Torso	SK9	Juvenile	3/10/99
BILS 133	Maxilla (cheekbone) juvenile	40	Arcus vertebrae					
			Upper arm bone	Only slightly damaged; LM1 halfway eruption, alveola LM2 present but no tooth, no deciduous teeth present for the sockets, permanent teeth in development	Arm	SK10	Adult	3/10/99
			Upper jaw		Head	SK9	Juvenile	3/10/99
BILS 134	Rib, adult	40	Rib unidentified		Torso	Unidentified	Adult	3/10/99

ANCODS 2002: *Batavia* skeletal material excavated from mass grave 1999-2001

11/5/02

Wreck No.	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	135	Rib, juvenile	40	Rib unidentified		Torso	SK9	Juvenile	3/10/99
BILS	136	Tooth (deciduous?)	40	Deciduous lower canine		Dentition	SK9	Juvenile	5/10/99
BILS	137	Human bone (5 frags)	40	Unidentified	5 very small fragments, 1 may be part of tooth socket?	Human unidentified	Unidentified	Unidentified	5/10/99
BILS	139	Human bone frags (8)	40	Unidentified	6 very small fragments	Human unidentified	Unidentified	Unidentified	12/10/99
BILS	142	Tooth + 23 fragments of bone	40	Permanent upper first molar	Roots not fully developed, + other frags from sieve	Dentition	SK9	Juvenile	5/10/99
BILS	143	Left shoulder (6 frags)	40	Shoulder blade	6 fragments	Torso	SK7	Adult	5/10/99
BILS	144	Shoulder blade fragment	40	Shoulder blade	Acromion	Torso	SK7	Adult	5/10/98
BILS	145	Human unidentified	40	Unidentified	1 small fragment	Human unidentified	Unidentified	Unidentified	12/10/99
BILS	146	Tooth	40	Deciduous upper second molar		Dentition	SK9	Juvenile	6/10/99
BILS	147	Human bones (2 frags)	40	Sacrum	Juvenile sacrum?? could be part of corpus vertebra. plus other fragment	Torso	SK9	Juvenile	6/10/99
BILS	149	Human bone frags (9)	40	Unidentified	10 fragments	Human unidentified	Unidentified	Unidentified	7/10/99
BILS	153	Human bone fragment (1)	40	Unidentified	1 fragment	Human unidentified	Unidentified	Unidentified	29/9/99
BILS	155	Tooth, incisor, adult ?	40	Permanent upper central incisor	Very worn	Dentition	SK6	Adult	30/9/99
BILS	156	Tooth, incisor, juvenile ?	40	Permanent upper lateral incisor	Very small but not permanent; peg (lateral)	Dentition	SK6	Adult	30/9/99
BILS	157	Finger/Toe bone	40	Distal finger bone unidentified		Hand	Unidentified	Adult	30/9/99
BILS	158	Human bone (3 frags)	40	Unidentified	2 fragments, 1 may be animal??	Human unidentified	Unidentified	Unidentified	30/9/99
BILS	163	Tooth, molar, adult	40	Permanent upper second molar		Dentition	SK6	Adult	1/10/99
BILS	164	Skull fragments (2); one has cut edges	40	Temporal bone Pars squamosa	Other fragment is also skull but (sub?)adult	Head	SK9	Juvenile	1/10/99
BILS	166	Human bone fragments (8)	40	Unidentified	8 very small fragments	Human unidentified	Unidentified	Unidentified	1/10/99
BILS	168	Human bone frags (11)	40	Unidentified	11 small fragments	Human unidentified	Unidentified	Unidentified	1/10/99
BILS	170	Humerus, distal fragment	40	Upper arm bone	Distal condyle (trochlea humeri)	Arm	SK70	Adult	1/10/99
BILS	171	Scapula, distal end	40	Lower jaw	Left ramus/angle fragment of mandible	Head	Unidentified	Adult	1/10/99
BILS	172	Human bone	40	Upper jaw	Left part of the nose (maxilla)	Head	SK5	Adult	1/10/99

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Wreck Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS 173	Radius, juvenile	40	Radius	Both ends missing	Arm	Unidentified	Juvenile	1/10/99
BILS 174	Nasal bone	40	Nasal bone		Head	SK5	Adult	1/10/99
BILS 175	Miscellaneous	40	Unidentified	3 small and one large fragment - longbone??	Human unidentified	Unidentified	Unidentified	2/10/99
BILS 178	Carpal	40	Triquetrum bone		Hand	SK7	Adult	2/10/99
BILS 179	Finger/Toe bone	40	Proximal toe bone unidentified		Foot	SK7	Adult	7/10/99
BILS 180	Vertebra (?) fragments (3)	40	Vertebra unidentified	2 fragments	Torso	Unidentified	Adult	7/10/99
BILS 181	Flat bone frag (1)	40	Unidentified	Fragment of flat bone, skull? scapula?	Human unidentified	Unidentified	Unidentified	7/10/99
BILS 182	Human bone frags (8)	40	Unidentified	7 small fragments	Human unidentified	Unidentified	Unidentified	7/10/99
BILS 184	Human bone frags (5)	40	Unidentified	2 small fragments	Human unidentified	Unidentified	Unidentified	7/10/99
BILS 185	Miscellaneous	40	Unidentified	4 small fragments	Human unidentified	Unidentified	Unidentified	7/10/99
BILS 187	Human bone, part rib	40	Rib unidentified		Torso	Unidentified	Juvenile	7/10/99
BILS 188	Vertebra unidentified	40	Vertebra unidentified Arcus vertebrae	Cervical arcus vertebra, only slightly damaged	Torso	SK9	Juvenile	5/10/99
BILS 191	Human bone fragments (9)	40	Unidentified	5 fragments	Human unidentified	Unidentified	Unidentified	30/9/99
BILS 193	Human bone fragments (7)	40	Unidentified	5 small fragments + 1 larger fragment (long bone??)	Human unidentified	Unidentified	Unidentified	30/9/99
BILS 197	Vertebra frag	40	Vertebra unidentified	Cervical vertebra fragment	Torso	Unidentified	Adult	1/10/99
BILS 198	Vertebra frag ?	40	Unidentified		Human unidentified	Unidentified	Unidentified	1/10/99
BILS 199	Human bone frags (3)	40	Unidentified	2 fragments of skull??	Human unidentified	Unidentified	Unidentified	1/10/99
BILS 200	Human bone frags (3)	40	Unidentified	3 fragments, animal?? one possibly distal end of humerus/condyle??	Human unidentified	Unidentified	Unidentified	1/10/99
BILS 201	Human bone frags (4)	40	Unidentified	4 fragments	Human unidentified	Unidentified	Unidentified	1/10/99
BILS 202	Human bone frags (6) v. small	40	Unidentified	6 very small fragments	Human unidentified	Unidentified	Unidentified	1/10/99
BILS 204	Human bone frag (2) v. small	40	Unidentified	2 very small fragments	Human unidentified	Unidentified	Unidentified	1/10/99
BILS 206	Carpal bone, semi-lunar	40	Lunar bone		Hand	SK10	Adult	1/10/99
BILS 207	Ulna	40	Ulna	Distal end missing	Arm	Unidentified	Adult	1/10/99
BILS 208	Radius	40	Radius	Both ends damaged	Arm	Unidentified	Adult	1/10/99
BILS 209	Thumb/metacarpal	40	Metacarpal bone 1	Left? metacarpal 1? both ends missing, seems lightly malformed	Hand	Unidentified	Adult	1/10/99

Wreck	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	210	Human bone (13 pieces)	40	Vertebra unidentified	Left side of cervical vertebra	Torso	Unidentified	Adult	3/10/99
BILS	211	Tooth, deciduous	40	Permanent upper lateral incisor	Def. permanent; peg lateral	Dentition	SK6	Adult	3/10/99
BILS	215	Metacarpal	40	Metacarpal bone 4	Fragment of crista mediana	Hand	SK10	Adult	3/10/99
BILS	216	Sacrum, part	40	Sacrum	Proximal dorsal part	Hip	SK10	Adult	3/10/99
BILS	217	Sacrum?	40	Sacrum	Distal end of humerus (trochlea), plus 2 small fragments	Hip	SK10	Adult	3/10/99
BILS	218	Distal part of humerus, adult (3 frags)	40	Upper arm bone	Slightly damaged	Arm	SK10	Adult	3/10/99
BILS	219	Finger bone (carpal) A	40	Navicular bone	Both ends missing	Hand	SK10	Adult	3/10/99
BILS	221	Finger/Toe bone	40	Metatarsal bone 1	2 fragments	Foot	SK9	Juvenile	5/10/99
BILS	222	Vertebra frags (?) (2)	40	Vertebra unidentified	Fragment of one of the distal condyles	Torso	Unidentified	Adult	5/10/99
BILS	223	Long bone epiphyses ? (2)	40	Thigh bone	3 small fragments	Leg	Unidentified	Adult	5/10/99
BILS	225	Human bone frags (3)	40	Unidentified	Both ends missing, three fragments split lengthwise, fragments/bone are distorted, also crack on medial side toward distal end, traumatic fracture?? on lateral/distal side bone fragment seems to be pushed inwards*	Human unidentified	Unidentified	Unidentified	5/10/99
BILS	227	Humerus	40	Upper arm bone	Mostly small rib fragments, some probably vertebra fragments	Arm	Unidentified	Adult	5/10/99
BILS	229	Bone fragments (21)	40	Unidentified	Lots of small fragments	Torso	Unidentified	Unidentified	6/10/99
BILS	233	Small fragments of human bone	40	Unidentified	2 fragments	Human unidentified	Unidentified	Unidentified	6/10/99
BILS	236	Pelvis fragments ? (3 pieces)	40	Unidentified	Sacrum/vertebra fragments?	Human unidentified	Unidentified	Adult	6/10/99
BILS	237	Human bone	40	Unidentified	Very small fragments	Human unidentified	SK10	Adult	6/10/99
BILS	238	Human bone frag P1	40	Unidentified		Human unidentified	Unidentified	Adult	6/10/99
BILS	240	Human bone frags (c. 47) v. small	40	Unidentified		Human unidentified	Unidentified	Unidentified	7/10/99
BILS	242	Hand bones	40	Metacarpal bone 1		Hand	SK10	Adult	7/10/99

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Wreck Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BLS 243	Pelvis frags x 2	40	Pelvic bone	2 curved fragments: pelvis?	Hip	SK7	Adult	29/9/99
BLS 248	Human bone	40	Vault region unidentified		Head	SK5	Adult	1/10/99
BLS 249	Human bone (3 frags)	40	Unidentified	2 fragments of pelvis? 1 long bone frag? very blatched	Human unidentified	Unidentified	Unidentified	2/10/99
BLS 253	Clavice, Rt. juvenile	40	Collar bone	Both ends slightly damaged	Torso	SK9	Juvenile	2/10/99
BLS 256	Human bone fragment (1)	40	Unidentified	Small fragment	Human unidentified	Unidentified	Unidentified	30/9/99
BLS 260	Metacarpal/thumb bone	40	Metacarpal bone unidentified	Right metacarpal 5? both ends missing	Hand	Unidentified	Adult	30/9/99
BLS 261	Radius, juvenile	40	Radius	Both ends missing	Arm	SK9	Juvenile	30/9/99
BLS 262	Rib, juvenile	40	Rib unidentified		Torso	SK9	Juvenile	1/10/99
BLS 263	Human bone (2 frags)	40	Unidentified	2 fragments of pelvis or scapula	Human unidentified	Unidentified	Adult	1/10/99
BLS 267	Femur	40	Thigh bone	Both ends missing, dense trabecular bone consistent with age in early twenties. appears to have 2 foramina nutrient, but one may be trauma	Leg	SK7	Adult	1/10/99
BLS 268	Mandible, juvenile ± 5 years old. Take X-Ray	40	Lower jaw	Ramus condyle missing; LLm1, LLm2, LLM1 unerupted	Head	SK9	Juvenile	1/10/99
BLS 269	Pelvis	40	Pelvic bone	Ileum fragment	Hip	SK7	Adult	1/10/99
BLS 270	Proximal epiphyses, femur	40	Thigh bone	Proximal end of femur (left)	Leg	SK7	Adult	1/10/99
BLS 271	Femur, distal end. See proximal end. May be half-fused epiphyses.	40	Thigh bone	Distal end of femur (left?)	Leg	SK7	Adult	1/10/99
BLS 272	Patella, left	40	Knee bone		Leg	SK7	Adult	1/10/99
BLS 276	Human bone (2 frags)	40	unidentified	1 small fragment	Human unidentified	Unidentified	Unidentified	2/10/99
BLS 280	Human bone (2 frags)	40	Unidentified	2 very small fragments	Human unidentified	Unidentified	Unidentified	2/10/99
BLS 284	Pelvis, sciatic notch, probably male	40	Pelvic bone	Sciatic notch	Hip	SK7	Adult	2/10/99
BLS 285	Human bone (1 frag)	40	Unidentified	1 small fragment	Human unidentified	Unidentified	Unidentified	2/10/99
BLS 289	Cheekbone, Rt, juvenile	40	Cheek bone	Almost complete	Head	SK9	Juvenile	2/10/99
BLS 290	Pelvis, cortical bone	40	Unidentified	Pelvis frag? scapula? animal bone? jaw / alveoli??	Human unidentified	Unidentified	Adult	2/10/99
BLS 291	Rib, juvenile	40	Rib unidentified		Torso	SK9	Juvenile	2/10/99

Wreck No.	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	292	Rib, juvenile	40	Rib unidentified		Torso	SK9	Juvenile	2/10/99
BILS	293	Thoracic vertebra, juvenile	40	Vertebra unidentified. Arcus vertebra		Torso	SK9	Juvenile	2/10/99
BILS	294	Human bone	40	Unidentified	5 fragments	Human unidentified	Unidentified	Adult	3/10/99
BILS	295	Vertebra, juvenile	40	Vertebra unidentified Arcus vertebrae	Lumbar?	Torso	SK9	Juvenile	3/10/99
BILS	296	Vertebra	40	Vertebra unidentified Arcus vertebrae		Torso	SK9	Juvenile	3/10/99
BILS	297	Vertebra	40	Vertebra unidentified Arcus vertebrae	Lumbar?	Torso	SK9	Juvenile	3/10/99
BILS	298	Tooth. Canine ? No root.	40	Permanent upper canine	Only crown, root not yet developed	Dentition	SK9	Juvenile	3/10/99
BILS	302	Rib, juvenile	40	Rib unidentified		Torso	SK9	Juvenile	3/10/99
BILS	303	Rib	40	Rib unidentified	Both ends damaged	Torso	SK9	Juvenile	3/10/99
BILS	304	Humerus, juvenile (39, 82) (49, 78)	40	Upper arm bone	Both ends missing	Arm	SK9	Juvenile	3/10/99
BILS	305	Rib frag, juvenile (40, 94.5)	40	Rib unidentified		Torso	SK9	Juvenile	3/10/99
BILS	306	Rib, juvenile	40	Rib unidentified		Torso	SK9	Juvenile	3/10/99
BILS	307	Human bone, flat piece ? pelvis	40	Pelvic bone	Right ilium fragment? juvenile??	Hip	Unidentified	Unidentified	3/10/99
BILS	308	Vertebra, juvenile	40	Vertebra unidentified Arcus vertebrae	Probably lumbar vertebra	Torso	SK9	Juvenile	3/10/99
BILS	309	Rib, juvenile	40	Rib unidentified		Torso	SK9	Juvenile	3/10/99
BILS	310	Rib, juvenile	40	Rib unidentified	11th or 12th rib, both ends slightly damaged	Torso	SK9	Juvenile	3/10/99
BILS	311	Vertebra, juvenile	40	Vertebra unidentified. Arcus vertebra	Thoracic vertebra	Torso	SK9	Juvenile	3/10/99
BILS	312	Under #8 pelvis	40	Pelvic bone	Prob juvenile	Hip	Unidentified	Unidentified	3/10/99
BILS	314	Foot bone, adult	40	Metatarsal bone 1		Foot	SK7	Adult	3/10/99
BILS	315	Toe bone, adult	40	Metatarsal bone 5		Foot	SK7	Adult	3/10/99
BILS	317	Skull, juvenile	40	Cranium	Very fragmentary but partly reconstructed. major bones are present	Head	SK9	Juvenile	3/10/99
BILS	319	Deciduous tooth	40	Deciduous lower canine		Dentition	SK9	Juvenile	3/10/99
BILS	320	Finger/toe bone	40	Middle finger bone unidentified	Especially distal end damaged	Hand	SK9	Juvenile	5/10/99

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Wreck Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS 321	Human bone (2 frags)	40	Proximal finger bone unidentified	Both ends missing	Hand	SK9	Juvenile	5/10/99
BILS 323	Human bone	40	Unidentified	3 very small fragments	Human unidentified	Unidentified	Unidentified	5/10/99
BILS 325	Foot bone (toe), juvenile	40	Middle toe bone unidentified		Foot	Unidentified	Adult	5/10/99
BILS 326	Rib, juvenile	40	Rib unidentified	Proximal end damaged, distal end missing	Torso	SK9	Juvenile	5/10/99
BILS 327	Ulna, juvenile	40	Ulna		Arm	SK9	Juvenile	5/10/99
BILS 328	Mandible half, juvenile	40	Lower jaw	Part of ramus missing, RLM1, RLM2, RLM1 unruptured	Head	SK9	Juvenile	5/10/99
BILS 329	Sacrum (2 pieces)	40	Pelvic bone	2 fragments of ilium/ribs auricularis.	Hip	SK7	Adult	5/10/99
BILS 330	Tooth, juvenile/upper molar	40	Deciduous upper first molar		Dentition	SK9	Juvenile	5/10/99
BILS 332	Tibia, juvenile	40	Shin bone	Both ends missing, badly preserved	Leg	SK9	Juvenile	5/10/99
BILS 333	Femur, juvenile	40	Thigh bone	Both ends missing, very badly preserved	Leg	SK9	Juvenile	5/10/99
BILS 334	Tibia, juvenile	40	Shin bone	Both ends missing, very badly preserved	Leg	SK9	Juvenile	5/10/99
BILS 335	Femur, juvenile. For DNA	40	Thigh bone	Very fragile, both ends missing.	Leg	SK9	Juvenile	5/10/99
BILS 336	Humerus, juvenile	40	Upper arm bone	Both ends missing, very badly preserved	Arm	SK9	Juvenile	5/10/99
BILS 337	Ulna, juvenile	40	Ulna	Distal end missing	Arm	SK9	Juvenile	5/10/99
BILS 338	Hand/foot bone, juvenile	40	Metacarpal bone 4	+ 2 tiny fragments	Hand	SK9	Juvenile	5/10/99
BILS 339	Toe bone (arsal bone), adult	40	Metatarsal bone 3	Distal end damaged	Foot	SK11	Adult	5/10/99
BILS 341	Finger/Toe bone	40	Middle toe bone unidentified	Distal end missing, middle phalanx 1?	Foot	Unidentified	Adult	6/10/99
BILS 342	Finger/Toe bone	40	Proximal toe bone unidentified	Proximal end missing	Foot	Unidentified	Adult	6/10/99
BILS 343	Finger/Toe bone	40	Distal finger bone unidentified		Hand	Unidentified	Adult	6/10/99
BILS 344	Finger/Toe bone	40	Proximal toe bone unidentified	Both ends missing	Foot	Unidentified	Adult	6/10/99
BILS 345	Human bone (11 frags)	40	Unidentified	Small fragments	Human unidentified	Unidentified	Unidentified	6/10/99

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Wreck No.	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	348	Tiny finger/toe bone, juvenile	40	Distal finger bone unidentified		Hand	SK9	Juvenile	6/10/99
BILS	349	Human bones (5 frags)	40	Unidentified	4 small fragments	Human unidentified	Unidentified	Unidentified	6/10/99
BILS	352	Human bone frags (6)	40	Unidentified	6 fragments probably mostly ankle bones	Foot	Unidentified	Adult	7/10/99
BILS	353	Human bone frags (9) v. small	40	Unidentified	9 very small fragments	Human unidentified	Unidentified	Unidentified	7/10/99
BILS	354	Human bone	40	Unidentified	3 small fragments	Human unidentified	Unidentified	Unidentified	12/10/99
BILS	355	Human bone frags (3) v. small	40	Unidentified	3 very small fragments	Human unidentified	Unidentified	Unidentified	7/10/99
BILS	358	Foot bones (3)	40	Proximal toe bone 1		Foot	SK11	Adult	7/10/99
BILS	359	Human bone frags (3)	40	Unidentified	3 fragments	Human unidentified	Unidentified	Unidentified	6/10/99
BILS	373	Tooth Rm2	40	Permanent upper third molar		Dentition	SK5	Adult	3/10/99
BILS	374	Human bone (2 frags)	40	Unidentified	2 fragments	Human unidentified	Unidentified	Unidentified	3/10/99
BILS	378	Human bone fragment. (Long bone ?)	40	Rib unidentified		Torso	SK11	Adult	8/10/99
BILS	380	Rib bone	40	Rib unidentified		Torso	Unidentified	Adult	7/10/99
BILS	381	Vertebra fragment	40	Vertebra unidentified		Torso	Unidentified	Adult	7/10/99
BILS	390	Carpal bone	40	Proximal finger bone 3		Hand	SK10	Adult	8/10/99
BILS	391	Carpal bone	40	Metacarpal bone 4		Hand	SK10	Adult	8/10/99
BILS	392	Carpal bone	40	Metacarpal bone 3		Hand	SK10	Adult	8/10/99
BILS	393	Carpal bone	40	Proximal finger bone 2		Hand	SK10	Adult	8/10/99
BILS	394	Carpal bone	40	Metacarpal bone 2		Hand	SK10	Adult	8/10/99
BILS	395	Carpal bone	40	Proximal finger bone 4		Hand	SK10	Adult	8/10/99
BILS	396	Carpal bone	40	Distal finger bone 1		Hand	SK10	Adult	8/10/99
BILS	397	Carpal bone	40	Middle finger bone 4		Hand	SK10	Adult	8/10/99
BILS	398	Carpal bone	40	Distal finger bone 3		Hand	SK10	Adult	8/10/99
BILS	399	Carpal bone	40	Middle finger bone 3		Hand	SK10	Adult	8/10/99
BILS	400	Carpal bone	40	Distal finger bone 5		Hand	SK10	Adult	8/10/99
BILS	401	Carpal bone	40	Middle finger bone 2		Hand	SK10	Adult	8/10/99
BILS	402	Carpal bone	40	Middle finger bone 5		Hand	SK10	Adult	8/10/99
BILS	403	Carpal bone	40	Metacarpal bone 5		Hand	SK10	Adult	8/10/99
BILS	404	Carpal bone	40	Proximal finger bone 5		Hand	SK10	Adult	8/10/99
BILS	405	Carpal bone	40	Distal finger bone 4		Hand	SK10	Adult	8/10/99
BILS	406	Tarsal bone A	40	Proximal toe bone 1		Foot	SK10	Adult	8/10/99
BILS	407	Tarsal bone B	40	Distal toe bone 1		Foot	SK10	Adult	7/10/99

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Wreck Reg. No.	Preliminary description	Matico	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS 408	Tarsal bone C	40	Proximal toe bone 2		Foot	SK10	Adult	7/10/99
BILS 409	Tarsal bone D	40	Metatarsal bone 4		Foot	SK10	Adult	7/10/99
BILS 410	Tarsal bone E	40	Metatarsal bone 2		Foot	SK10	Adult	7/10/99
BILS 411	Tarsal bone F	40	Metatarsal bone 3		Foot	SK10	Adult	7/10/99
BILS 412	Tarsal bone G	40	lateral cuneiform bone		Foot	SK10	Adult	7/10/99
BILS 413	Tarsal bone H	40	Middle cuneiform bone		Foot	SK7	Adult	7/10/99
BILS 414	Toe bone	40	Proximal toe bone unidentified	Both ends missing/damaged	Foot	Unidentified	Adult	7/10/99
BILS 415	Foot bone A	40	lateral cuneiform bone	Only slightly damaged	Foot	SK7	Adult	7/10/99
BILS 416	Foot bone B	40	Navicular bone	Only slightly damaged	Foot	SK7	Adult	7/10/99
BILS 417	Foot fragment C	40	Heel bone	Tuber calcanei	Foot	SK7	Adult	7/10/99
BILS 418	Foot bone	40	Metatarsal bone 1	Both ends missing, plus small fragment	Foot	SK7	Adult	7/10/99
BILS 419	Finger bone B	40	Capitulum bone	Only slightly damaged	Hand	SK10	Adult	3/10/99
BILS 420	Finger bones (2)	40	Distal finger bone 1	Only slightly damaged	Hand	SK10	Adult	3/10/99
BILS 421	Finger bones (4)	40	Proximal finger bone 1		Hand	SK11	Adult	3/10/99
BILS 422	Finger bone	40	Metacarpal bone 3		Hand	SK10	Adult	3/10/99
BILS 424	Toe/Finger bone	40	Distal finger bone unidentified	Distal phalanx 2?	Hand	Unidentified	Adult	7/10/99
BILS 425	Human bone fragments (8)	40	Unidentified	8 fragment, mostly long bone fragments	Human unidentified	Unidentified	Unidentified	7/10/99
BILS 426	Human bone fragments (6)	40	Unidentified	Ankle bones??	Human unidentified	Unidentified	Unidentified	7/10/99
BILS 428	Human bone fragments (8)	40	Unidentified	8 fragments	Human unidentified	Unidentified	Unidentified	7/10/99
BILS 429	Human bone fragments (17) v. small	40	Unidentified	17 very small fragments	Human unidentified	Unidentified	Unidentified	7/10/99
BILS 449	Human unidentified	40	Unidentified	11 small fragments, 12 larger fragments, possibly from long bones, pelvis and or tarsal bones	Human unidentified	Unidentified	Unidentified	5/10/99
BILS 450	Human bone	40	Tongue bone	Corpus	Head	Unidentified	Adult	1/10/99
BILS 451	Human unidentified	40	Unidentified	1 fragment	Human unidentified	Unidentified	Unidentified	12/10/99
BILS 452	Human bone	40	Middle cuneiform bone		Foot	SK7	Adult	9/10/99
BILS 453	Human bone	40	lateral cuneiform bone		Foot	SK7	Adult	9/10/99
BILS 454	Human bone	40	Medial cuneiform bone		Foot	SK7	Adult	9/10/99
BILS 455	Human bone	40	Navicular bone		Foot	SK7	Adult	9/10/99
BILS 456	Human bone	40	Heel bone		Foot	SK7	Adult	9/10/99
BILS 457	Human bone	40	Ankle bone		Foot	SK7	Adult	9/10/99

Wreck No.	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	458	Human unidentified	40	Unidentified	3 very small fragments	Human unidentified	Unidentified	Unidentified	6/10/99
BILS	459	Fibula, SK7?	40	Splint bone	Distal end missing	Leg	SK7	Adult	9/10/99
BILS	460	Tibia, SK7?	40	Shin bone	in 5 large fragments and some very small, pathology on the back of the tibia? - inflammation of perlost? or bad preservation?	Leg	SK7	Adult	9/10/99
BILS	461	Pelvis	40	Pelvic bone	Acetabulum fragment (hip joint)	Hip	SK7	Adult	9/10/99
BILS	462	Femur frag	40	pubic bone	Pubic symphysis missing	Hip	SK7	Adult	9/10/99
BILS	463	Patella, Rt.	40	knee bone		Leg	SK7	Adult	9/10/99
BILS	464	Fibula, Rt	40	Splint bone	Pplus fragment: distal end? proximal end missing	Leg	SK7	Adult	9/10/99
BILS	465	Tibia, Rt	40	Shin bone	Proximal end separate fragment, plus other prox. fragment, prox. epiphyseal line vaguely visible.	Leg	SK7	Adult	9/10/99
BILS	466	Sacrum/coccyx	40	Sacrum	Crista sacralis mediana (dorsal part) only, plus coccyx and two fragments	Hip	SK7	Adult	9/10/99
BILS	468	Rib	40	Rib unidentified		Torso	SK7	Adult	9/10/99
BILS	469	Rt. femur, For DNA analysis	40	Thigh bone	Proximal part missing, very dense black soil & roots inside the bone with white chalky material.	Leg	SK7	Adult	9/10/99
BILS	470	Tibia ?	40	Thigh bone	In 5 large distorted fragments, mostly broken by pressure of roots, also very straight horizontal fracture line halfway shaft	Leg	SK10	Adult	9/10/99
BILS	471	Scapula, Lt	40	Shoulder blade		Torso	SK7	Adult	9/10/99
BILS	472	Ulna	40	Ulna		Arm	SK7	Adult	9/10/99
BILS	473	Radius	40	Radius	Proximal and distal ends missing	Arm	SK7	Adult	9/10/99
BILS	474	Phalanges (2)	40	Proximal finger bone 2	Prob right prox phalanx 3, prox. end damaged, arthritis??	Hand	SK7	Adult	9/10/99

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BILS 475	Rt humerus fragment (2 pieces)	40	Upper arm bone	2 fragments	Arm	SK7	Adult	9/10/99
BILS 476	Phalanges (2)	40	Middle finger bone 3	Medial phalanx	Hand	SK7	Adult	9/10/99
BILS 477	Skull SK7	40	Cranium	Plus cheekbones (BILS 907/908), and 3 small fragments (and many tiny fragments) removed during cleaning	Head	SK7	Adult	9/10/99
BILS 478	Phalanges (2) under skull SK7	40	Distal finger bone 1	*Distal end thumb	Hand	SK7	Adult	9/10/99
BILS 479	Vertebra 1	40	Vertebra C3	Corpus missing	Torso	SK7	Adult	9/10/99
BILS 480	Vertebra 2	40	Vertebra C4	Corpus missing	Torso	SK7	Adult	9/10/99
BILS 481	Vertebra 3	40	Vertebra C5	Corpus missing	Torso	SK7	Adult	9/10/99
BILS 482	Vertebra 4 (2 pieces); small frag of fabric?	40	Vertebra C7	in 2 fragments, corpus missing	Torso	SK7	Adult	9/10/99
BILS 483	Vertebra 5 (2 pieces)	40	Vertebra T1	Corpus missing, + unidentified fragment	Torso	SK7	Adult	9/10/99
BILS 484	Mandible SK7, 2 x loose teeth = 10 in situ	40	Lower jaw	all teeth present (2 incisors in BILS 485)	Head	SK7	Adult	9/10/99
BILS 485	Upper teeth in maxilla (5 teeth); 2 x frags of maxilla; 12 x loose teeth	40	Upper jaw	includes all upper teeth except LUM3, plus 2 lower incisors	Head	SK7	Adult	9/10/99
BILS 487	Phalanges (2), Hand A	40	Metacarpal bone 2	Proximal end damaged	Hand	SK10	Adult	10/10/99
BILS 488	Rib	40	Rib unidentified	Both ends missing, rib 9??	Torso	SK7	Adult	10/10/99
BILS 489	Rib	40	Rib unidentified	Plus fragment unidentified, rib 11??	Torso	SK7	Adult	10/10/99
BILS 490	Rib	40	Rib unidentified	3 fragments, rib 10??	Torso	SK7	Adult	10/10/99
BILS 491	Scapula, Right	40	Shoulder blade	Incomplete + 7 fragments	Torso	SK7	Adult	10/10/99
BILS 492	Sieved soil from vertebra area of SK7	40	unidentified	42 small fragments	Torso	SK7	Adult	10/10/99
BILS 493	Rib	40	Rib unidentified	Both ends missing; rib 3??	Torso	SK7	Adult	10/10/99
BILS 494	Rib	40	Rib unidentified	Both ends damaged; rib 7??	Torso	SK7	Adult	10/10/99
BILS 496	Vertebra A	40	Vertebra L5	Only arcus vertebrae, asymmetric	Torso	SK7	Adult	10/10/99
BILS 497	Vertebra B	40	Vertebra L4	Corpus vertebrae missing, asymmetric, + fragment	Torso	SK7	Adult	10/10/99
BILS 498	Vertebra C	40	Vertebra L3	Corpus vertebrae missing, asymmetric	Torso	SK7	Adult	10/10/99

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Wreck Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS 499	Vertebra D	40	Vertebra L2	Corpus vertebrae missing, asymmetric; + fragment	Torso	SK7	Adult	10/10/99
BILS 500	Vertebra E	40	Vertebra L1	Part of arcus vertebrae, asymmetric	Torso	SK7	Adult	10/10/99
BILS 501	Vertebra F	40	Vertebra T12	Part of arcus vertebrae, proc spinosus slightly bending	Torso	SK7	Adult	10/10/99
BILS 502	Humerus, Left	40	Upper arm bone	Proximal end missing, plus two fragments; fracture	Arm	SK7	Adult	10/10/99
BILS 503	Vertebra G	40	Vertebra T10	Corpus vertebrae missing, + 3 frags	Torso	SK7	Adult	10/10/99
BILS 504	Vertebra H	40	Vertebra T9	Part of corpus vertebrae missing, slightly bending proc. spinosus, plus 2 fragments	Torso	SK7	Adult	10/10/99
BILS 505	Vertebra I	40	Vertebra T8	Corpus vertebrae missing, bending proc. spinosus	Torso	SK7	Adult	10/10/99
BILS 506	Vertebra J	40	Vertebra T7	Corpus vertebrae missing, slightly bending proc. spinosus	Torso	SK7	Adult	10/10/99
BILS 507	Vertebra K	40	Vertebra T6	Only arcus vertebrae, bending proc. spinosus	Torso	SK7	Adult	10/10/99
BILS 508	Vertebra L	40	Vertebra T5	Only arcus vertebrae	Torso	SK7	Adult	10/10/99
BILS 509	Vertebra M	40	Vertebra T4	Only arcus vertebrae, plus 2 fragments	Torso	SK7	Adult	10/10/99
BILS 510	Vertebra N + textile fragment, fine weave.	+ 47 Tex	Vertebra T3		Torso	SK7	Adult	10/10/99
BILS 511	Vertebra O	40	Vertebra T2	3 fragments	Torso	SK7	Adult	10/10/99
BILS 512	Clavicle SK7	40	Collar bone	Sternal end missing	Torso	SK7	Adult	10/10/99
BILS 513	First Rib SK7	40	Rib 1	Both ends damaged	Torso	SK7	Adult	10/10/99
BILS 514	Teeth * 3 from SK6	40	Permanent upper first premolar		Dentition	SK9	Adult	10/10/99
BILS 515	Skull SK8	40	cranium	Very fragile	Head	SK8	Subadult	10/10/99
BILS 516	Bone fragments from sieved soil from skull SK7 Area	40	Unidentified	Lots of small fragments from skull area incl rib frags and proc. styloideus (BILS 723)	Human unidentified	SK7	Adult	10/10/99
BILS 517	Bone fragments	40	Unidentified	Rib, vertebra and long bone/flap bone? fragments	Human unidentified	Unidentified	Unidentified	8/10/99

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Wreck No.	Reg. No.	Preliminary description	Matico	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	520	Bone fragment (1)	40	Unidentified	10 fragments	Human unidentified	Unidentified	Unidentified	8/10/99
BILS	522	Sieved soil from feet area	40	Unidentified	Large number of small identifiable fragments left?? calcaneus and talus fragments. 21 x largish + numerous small frags	Human unidentified	Unidentified	Unidentified	9/10/99
BILS	523	Human bones 21 x largish + numerous small frags from sieved soil.	40	Ankle bone		Foot	Unidentified	Adult	9/10/99
BILS	524	Sieved soil from skull and shoulder area SK7	40	Unidentified	Lots of small fragments from skull & shoulder, incl rib and vertebra frags	Human unidentified	SK7	Adult	10/10/99
BILS	525	Humerus SK8	40	Upper arm bone	Proximal end missing, distal end damaged & no epiphysis, some (vague) green staining	Arm	SK8	Subadult	10/10/99
BILS	526	Femur	40	Thigh bone	Distal end damaged, proximal end missing, + 8 fragments	Leg	SK11	Adult	10/10/99
BILS	527	Rib SK7	40	Rib unidentified		Torso	SK7	Adult	10/10/99
BILS	528	Rib SK7	40	Rib unidentified		Torso	SK7	Adult	10/10/99
BILS	529	Rib SK7	40	Rib unidentified		Torso	SK7	Adult	10/10/99
BILS	530	Rib SK7	40	Rib unidentified		Torso	SK7	Adult	10/10/99
BILS	531	Rib SK7	40	Rib unidentified		Torso	SK7	Adult	10/10/99
BILS	532	Rib SK7	40	Rib unidentified		Torso	SK7	Adult	10/10/99
BILS	533	Clavicle + first rib 7	40	Collar bone		Torso	SK7	Adult	10/10/99
BILS	534	Fingers (4)	40	Distal finger bone unidentified		Hand	SK7	Adult	10/10/99
BILS	536	Rib SK8	40	Rib 2		Torso	SK8	Subadult	10/10/99
BILS	537	Rib SK8	40	Rib 3		Torso	SK8	Subadult	10/10/99
BILS	538	Rib SK8	40	Rib 4		Torso	SK8	Subadult	10/10/99
BILS	539	Rib SK8	40	Rib 5		Torso	SK8	Subadult	10/10/99
BILS	540	Rib SK8	40	Rib 6		Torso	SK8	Subadult	10/10/99
BILS	541	Rib SK8	40	Rib 7		Torso	SK8	Subadult	10/10/99
BILS	542	Rib SK8	40	Rib 8		Torso	SK8	Subadult	10/10/99
BILS	543	Rib SK8	40	Rib 9		Torso	SK8	Subadult	10/10/99
BILS	544	Vertebra SK8	40	Vertebra C6		Torso	SK8	Subadult	10/10/99
BILS	545	Vertebra SK8	40	Vertebra C5		Head	SK8	Subadult	10/10/99
BILS	549	Clavicle	40	Collar bone		Torso	SK8	Subadult	10/10/99
BILS	550	Vertebra/ bones	40	Vertebra unidentified	Both ends missing 27 fragments	Torso	SK9	Subadult	10/10/99

Wreck No.	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BLS	552	Cervical vertebra SK6	40	Vertebra C1, atlas	Two fragments, fitting together, also 3 other cerv vertebrae in this find	Torso	SK8	Subadult	10/10/99
BLS	555	Sieved soil/feet area: 2 x toe bones	40	Unidentified	Lots of small fragments	Foot	SK7	Unidentified	11/10/99
BLS	556	Human bones A SK11	40	Sacrum	3 fragments	Hip	SK11	Adult	12/10/99
BLS	557	Human bones B SK11	40	Vertebra L5		Torso	SK11	Adult	12/10/99
BLS	558	Human bones C SK11	40	Vertebra L4	Only arcus vertebrae	Torso	SK11	Adult	12/10/99
BLS	559	Human bones D SK11	40	Vertebra L3	Only arcus vertebrae	Torso	SK11	Adult	12/10/99
BLS	560	Human bones E SK11	40	Vertebra L2	Only arcus vertebrae	Torso	SK11	Adult	12/10/99
BLS	561	Human bones F SK11	40	Vertebra L1	Only arcus vertebrae	Torso	SK11	Adult	12/10/99
BLS	562	Human bones G SK11	40	Vertebra T12	Only arcus vertebrae	Torso	SK11	Adult	12/10/99
BLS	563	Human bones H SK11	40	Vertebra T11	Very fragmentary, arcus vertebrae	Torso	SK11	Adult	12/10/99
BLS	564	Human bones I SK11	40	Vertebra unidentified	4 fragments: thoracic vertebra no. 12?	Torso	SK11	Adult	12/10/99
BLS	565	Human bones J SK11	40	Vertebra unidentified	9 fragments of 3 thoracic vertebrae	Torso	SK11	Adult	12/10/99
BLS	566	Human bones K SK11	40	Vertebra unidentified	Only arcus vertebrae, thoracic	Torso	SK11	Adult	12/10/99
BLS	567	Human bones L SK11	40	Vertebra unidentified	Corpus fragment only, from thoracic region	Torso	SK11	Adult	12/10/99
BLS	568	Human bones M SK11	40	Vertebra unidentified	1 corpus vertebrae fragment, 2 arcus vertebrae of 2 thoracic vertebrae, one with bending proc. spinosus	Torso	SK11	Adult	12/10/99
BLS	569	Human bones N SK11	40	Vertebra unidentified	Arcus vertebrae only, thoracic vertebra	Torso	SK11	Adult	12/10/99
BLS	570	Human bones O SK11	40	Vertebra unidentified	Fragment (+ smaller frags) of arcus vertebrae, thoracic	Torso	SK11	Adult	12/10/99
BLS	571	Human bones P SK11	40	Vertebra unidentified	Arcus vertebrae only, with smaller fragments	Torso	SK11	Adult	12/10/99
BLS	572	Human bones Q SK11	40	Vertebra unidentified	Arcus vertebrae fragment, thoracic?	Torso	SK11	Adult	12/10/99
BLS	573	Human bones R SK11	40	Vertebra unidentified	5 small fragments, cervical?	Torso	SK11	Adult	12/10/99
BLS	574	Human bones S SK11	40	Vertebra unidentified	5 fragments, cervical?	Torso	SK11	Adult	12/10/99
BLS	575	Human bones T SK11	40	Vertebra unidentified	2 fragments of arcus vertebrae, cervical	Torso	SK11	Adult	12/10/99

Wreck	Reg. No.	Preliminary description	Matoo	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	576	Human bones U SK11	40	Vertebra unidentified	2 fragments of arcus vertebrae, cervical	Torso	SK11	Adult	12/10/99
BILS	577	Human bones V SK11	40	Vertebra unidentified	Left side of arcus vertebrae, cervical	Torso	SK11	Adult	12/10/99
BILS	578	Rib SK11	40	Rib 3	Probably 3rd rib	Torso	SK11	Adult	12/10/99
BILS	579	Rib SK11	40	Rib 2		Torso	SK11	Adult	12/10/99
BILS	580	Rib SK11	40	Rib 1	Two fragments	Torso	SK11	Adult	12/10/99
BILS	581	Clavicle SK11	40	Collar bone	Both ends missing	Torso	SK11	Adult	12/10/99
BILS	582	Scapula SK11	40	Shoulder blade	Large, 3 small fragments*	Torso	SK11	Adult	12/10/99
BILS	583	Phalange SK8	40	Proximal finger bone unidentified	No proximal epiphysis, green stain on palmar surface. Left?	Hand	SK8	Subadult	12/10/99
BILS	584	Phalange SK8?	40	Proximal finger bone unidentified	Both proximal and distal ends damaged, proximal end no epiphysis. Left?	Hand	SK8	Subadult	12/10/99
BILS	585	Radius SK8	40	Ulna	Distal end missing, Proximal end no epiphysis. Bad preservation.	Arm	SK8	Subadult	12/10/99
BILS	586	Ulna SK8	40	Radius	Both ends missing, green stain towards distal end	Arm	SK8	Subadult	12/10/99
BILS	587	Phalanges (2) + Button	40	Metacarpal bone 1	Proximal end missing	Hand	SK8	Subadult	12/10/99
BILS	589	Hand bones SK11?	40	Distal finger bone 1		Hand	SK11	Adult	12/10/98
BILS	591	Sieved soil from skull area SK8 + arm and rib cage	40	Rib unidentified	8 small fragments, probably rib/vertebrae	Torso	SK8	Subadult	11/10/99
BILS	594	Phalange	40	Proximal toe bone 1		Foot	SK11	Adult	11/10/99
BILS	595	Metatarsal L1 foot SK 11	40	Metatarsal bone 1	3 fragments	Foot	SK11	Adult	11/10/99
BILS	596	Metatarsal L1 Foot SK 11	40	Metatarsal bone 2	Both ends missing	Foot	SK11	Adult	11/10/99
BILS	597	Metatarsal L1 Foot SK 11	40	Metatarsal bone 3	Both ends missing/damaged	Foot	SK11	Adult	11/10/99
BILS	598	Metatarsal L1 Foot SK 11	40	Metatarsal bone 4	Both ends missing/damaged	Foot	SK11	Adult	11/10/99
BILS	599	Metatarsal L1 Foot SK 11	40	Metatarsal bone 5	Distal end damaged	Foot	SK11	Adult	11/10/99
BILS	600	Tarsal A L1 Foot SK 11	40	Ankle bone unidentified	Os cuneiforme medialis according to position	Foot	SK11	Adult	11/10/99
BILS	601	Tarsal B L1 Foot SK 11	40	Ankle bone unidentified	Unidentifiable fragments; os cuneiforme intermedium according to position	Foot	SK11	Adult	11/10/99
BILS	602	Tarsal C L1 Foot SK 11	40	Ankle bone unidentified	Unidentifiable fragment; os cuneiforme laterale according to position	Foot	SK11	Adult	11/10/99

Wreck Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS 603	Tarsal D Lt Foot SK 11	40	Navicular bone		Foot	SK11	Adult	11/10/99
BILS 604	Tarsal E Lt Foot SK 11	40	Ankle bone		Foot	SK11	Adult	11/10/99
BILS 605	Tarsal F Lt Foot (Talus) SK 11	40	Ankle bone unidentified		Foot	SK11	Adult	11/10/99
BILS 606	Tarsal G Lt Foot (Calcaneus) SK 11	40	Heel bone		Foot	SK11	Adult	11/10/99
BILS 607	Tibia Lt Leg SK 11	40	Shin bone	Both ends missing, + fragments	Leg	SK11	Adult	11/10/99
BILS 608	Fibula Lt leg SK 11	40	Splint bone	Proximal end missing, distal end damaged plus fragment	Leg	SK11	Adult	11/10/99
BILS 609	Phalange, Rt foot SK 11	40	Proximal toe bone unidentified	Proximal end damaged	Foot	SK11	Adult	11/10/99
BILS 610	Phalange, Rt foot SK 11	40	Proximal toe bone unidentified		Foot	SK11	Adult	11/10/99
BILS 611	Phalange, Rt foot SK 11	40	Proximal toe bone unidentified	Proximal end damaged	Foot	SK11	Adult	11/10/99
BILS 612	Metatarsal, Rt foot SK 11	40	Metatarsal bone 3	3 fragments	Foot	SK11	Adult	11/10/99
BILS 613	Metatarsal, Rt foot SK 11	40	Metatarsal bone 2		Foot	SK11	Adult	11/10/99
BILS 614	Metatarsal, Rt foot SK 11	40	Metatarsal bone 4	In 2 fragments, both ends missing	Foot	Unidentified	Adult	11/10/99
BILS 615	Metatarsal, Rt foot SK 11	40	Metatarsal bone 5	Both ends missing	Foot	Unidentified	Adult	11/10/99
BILS 616	Tarsal A, Rt foot SK 11	40	Navicular bone		Foot	SK11	Adult	11/10/99
BILS 617	Tarsal B, Rt foot SK 11	40	Tarsal bone unidentified		Foot	SK11	Adult	11/10/99
BILS 618	Tarsal C, Rt foot SK 11	40	Tarsal bone unidentified	Talus?	Foot	SK11	Adult	11/10/99
BILS 619	Tarsal D, Rt foot SK 11	40	Tarsal bone unidentified	Os cuboideum?	Foot	SK11	Adult	11/10/99
BILS 620	Tarsal E, Rt foot SK 11	40	Tarsal bone unidentified	Calcaneum?	Foot	SK11	Adult	11/10/99
BILS 621	Metatarsal + phalange Rt foot SK11	40	M bone 1	Proximal end damaged	Foot	Unidentified	Adult	11/10/99
BILS 622	Patella Lt leg SK11	40	Knee bone		Leg	SK11	Adult	11/10/99
BILS 624	Rib, SK 11	40	Rib 2	In three fragments fitting together; green staining at sternal end	Torso	SK11	Adult	11/10/99
BILS 625	Rib, SK 11	40	Rib 3	In two fragments fitting together	Torso	SK11	Adult	11/10/99
BILS 626	Rib, SK 11	40	Rib 4	Both ends damaged, bright green stain	Torso	SK11	Adult	11/10/99
BILS 627	Rib, SK 11	40	Rib 5	In 4 large and many small fragments, green staining	Torso	SK11	Adult	11/10/99

Wreck Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS 628	Rib. SK 11	40	Rib 6	lin 4 large fragments fitting together	Torso	SK11	Adult	11/10/99
BILS 629	Rib. SK 11	40	Rib 7	Both ends missing	Torso	SK11	Adult	11/10/99
BILS 630	Rib. SK 11	40	Rib 8	Especially distal end damaged	Torso	SK11	Adult	11/10/99
BILS 631	Rib. SK 11	40	Rib 9	Both ends missing	Torso	SK11	Adult	11/10/99
BILS 632	Rib. SK 11	40	Rib unidentified	Distal end	Torso	SK11	Adult	11/10/99
BILS 633	Rib. SK 11	40	Rib unidentified	Distal end	Torso	SK11	Adult	11/10/99
BILS 634	Rib. SK 11	40	Rib unidentified		Torso	SK11	Adult	11/10/99
BILS 635	Rib. SK 11	40	Rib unidentified	2 fragments fitting together	Torso	SK11	Adult	11/10/99
BILS 636	Humerus. SK 11	40	Upper arm bone	Proximal end missing, distal end damaged	Arm	SK11	Adult	11/10/99
BILS 637	Ulna. SK 11	40	Ulna	Distal end missing, green stains halfway and towards distal end; pathological lump on shaft?	Arm	SK11	Adult	11/10/99
BILS 638	Radius. SK 11	40	Radius	Distal end missing	Arm	SK11	Adult	11/10/99
BILS 639	Rib. SK 11 (Underneath last southern Lt. ribs)	40	Rib 10	3 fragments fitting together	Torso	SK11	Adult	11/10/99
BILS 640	Rib. SK 11 (Underneath last southern Lt. ribs)	40	Rib 11	Both ends missing	Torso	SK11	Adult	11/10/99
BILS 641	Rib. SK 11	40	Rib 1	Both ends missing	Torso	SK11	Adult	11/10/99
BILS 642	Clavicle. SK 11	40	Collar bone	Lateral end missing, medial end damaged	Torso	SK11	Adult	11/10/99
BILS 643	Scapula. SK 11	40	Shoulder blade	Plus small fragments, green staining on distal end.	Torso	SK11	Adult	11/10/99
BILS 644	Human unidentified	40	Unidentified	16 fragments, probably from pelvis and vertebrae and of feet	Human unidentified	Unidentified	Unidentified	5/10/99
BILS 645	Phalange. Lt foot. SK 10	40	Distal toe bone unidentified	Fused with middle toe bone	Foot	SK10	Adult	11/10/99
BILS 646	Phalange. Lt foot. SK 10	40	Proximal toe bone 4		Foot	SK10	Adult	11/10/99
BILS 647	Phalange. Lt foot. SK 10	40	Proximal toe bone 5		Foot	SK10	Adult	11/10/99
BILS 648	Metatarsal. Lt foot. SK 10	40	Metatarsal bone 5		Foot	SK10	Adult	11/10/99
BILS 649	Metatarsal. Lt foot. SK 10	40	Metatarsal bone 1		Foot	SK10	Adult	11/10/99
BILS 650	Sternum	40	Lower breast bone	1 section of juvenile sternum	Torso	SK9	Juvenile	5/10/99
BILS 651	Tarsal. Lt foot. SK 10	40	Medial cuneiform bone		Foot	SK10	Adult	11/10/99
BILS 652	Tarsal. Lt foot. SK 10	40	Cuboid bone		Foot	SK10	Adult	11/10/99

Wreck	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	653	Tarsal, Lt foot, SK 10	40	Middle cuneiform bone		Foot	SK10	Adult	11/10/99
BILS	654	Tarsal, Lt foot, SK 10	40	Navicular bone	2 fragments	Foot	SK10	Adult	11/10/99
BILS	655	Tarsal, Lt foot, SK 10 (Mixed with 161)	40	Ankle bone		Foot	SK10	Adult	11/10/99
BILS	656	Tibia, SK 10 (For DNA)	40	Shin bone	2 large fragments and some smaller frags. Both ends missing. Bony outgrowth in muscle attachment / foramen nutritium area.	Leg	SK10	Adult	11/10/99
BILS	657	Fibula, SK 10 (For DNA?)	40	Splint bone	Distal end missing, proximal end damaged, fresh fracture	Leg	SK10	Adult	11/10/99
BILS	658	Phalange, SK 10	40	Distal toe bone 1	Distal end missing	Foot	SK10	Adult	11/10/99
BILS	659	Phalange, SK 10	40	Proximal toe bone 1	Two fragments*	Foot	SK10	Adult	11/10/99
BILS	660	Phalange, SK 10	40	Distal finger bone 1	Slightly damaged at proximal end.	Hand	SK11	Adult	11/10/99
BILS	661	Metatarsal, SK 6	40	Metatarsal bone 5	Both ends missing	Foot	SK10	Adult	11/10/99
BILS	662	Metatarsal, SK 6	40	Metatarsal bone 1	Both ends missing	Foot	SK10	Adult	11/10/99
BILS	663	Fibula, SK 10	40	Shin bone	6 fragments including malleolus medialis	Leg	SK10	Adult	11/10/99
BILS	664	Metacarpal, Hand A	40	Metacarpal bone 1		Hand	SK10	Adult	11/10/99
BILS	667	Humerus SK 8	40	Upper arm bone	Both ends missing	Arm	SK8	Subadult	11/10/99
BILS	668	Phalange SK 10	40	Proximal toe bone unidentified	Both ends missing + small fragment	Foot	SK10	Adult	11/10/99
BILS	669	Phalange SK 10	40	Proximal toe bone unidentified	Both ends missing	Foot	SK10	Adult	11/10/99
BILS	670	Metatarsal, SK 10	40	Metatarsal bone 2	both ends missing	Foot	SK10	Adult	11/10/99
BILS	671	Metatarsal, SK 10	40	Metatarsal bone 3	Both ends missing	Foot	SK10	Adult	11/10/99
BILS	672	Metatarsal, SK 10	40	Metatarsal bone 4	Both ends missing	Foot	SK10	Adult	11/10/99
BILS	673	Tibia, SK ?	40	Shin bone	Tibia in 4 large and 2 small fragments	Leg	SK11	Adult	11/10/99
BILS	675	Phalange, Hand B	40	Distal finger bone 4	Longitudinally cracked with sand in the cracks - perimortem?	Hand	SK11	Adult	11/10/99
BILS	676	Phalange, Hand B	40	Distal finger bone 5		Hand	SK11	Adult	11/10/99
BILS	677	Phalange, Hand B	40	Middle finger bone 5		Hand	SK11	Adult	11/10/99
BILS	678	Phalange, Hand B	40	Proximal finger bone 5	Proximal end missing.	Hand	SK11	Adult	11/10/99
BILS	679	Phalange, Hand B	40	Middle finger bone 4		Hand	SK11	Adult	11/10/99

Wreck	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	680	Lower jaw	40	Lower jaw	Right ramus & condyle broken off due to bad preservation. this part is present but does not fit teeth in situ: L molars (incl unerupted M3), L premolars, both canines, all incisors, LRP1. LR molars are present.	Head	SK8	Subadult	
BILS	681	Phalange, Hand B	40	Proximal finger bone 4	proximal end missing.	Hand	SK11	Adult	11/10/99
BILS	682	Phalange, Hand B	40	Middle finger bone 3		Hand	SK11	Adult	11/10/99
BILS	683	Phalange, Hand B	40	Proximal finger bone 3	Proximal end missing.	Hand	SK11	Adult	11/10/99
BILS	684	Tooth, Permanent lower first molar	40	Permanent lower first molar		Dentition	SK8	Subadult	
BILS	685	Metacarpals, Hand B	40	Metacarpal bone 2	Both ends missing	Hand	SK11	Adult	11/10/99
BILS	686	Metacarpals, Hand B	40	Metacarpal bone 1	Proximal end slightly damaged	Hand	SK11	Adult	11/10/99
BILS	687	Metacarpals, Hand B	40	Trapezium bone		Hand	SK11	Adult	11/10/99
BILS	688	Carpal, Hand B	40	Navicular bone	Plus small fragment	Hand	SK11	Adult	11/10/99
BILS	689	Tooth, Permanent lower second molar	40	Permanent lower second molar		Dentition	SK8	Subadult	
BILS	691	Metacarpal, Hand B	40	Metacarpal bone 3	Both ends missing	Hand	SK11	Adult	11/10/99
BILS	692	Metacarpal, Hand B	40	Metacarpal bone 4	Both ends missing	Hand	SK11	Adult	11/10/99
BILS	693	Metacarpal, Hand B	40	Metacarpal bone 5	Both ends missing	Hand	SK11	Adult	11/10/99
BILS	694	Carpals x 4, Hand B	40	Lunar bone		Hand	SK11	Adult	11/10/99
BILS	695	Clean up, Hand B	40	Finger bone unidentified	Metacarpal bone frags and other small fragments	Hand	Unidentified	Adult	11/10/99
BILS	696	Tooth, Permanent lower third molar	40	Permanent lower third molar		Dentition	SK8	Subadult	
BILS	697	Tooth, Permanent upper central incisor	40	Permanent upper central incisor		Dentition	SK8	Subadult	
BILS	698	Tooth, Permanent upper lateral incisor	40	Permanent upper lateral incisor		Dentition	SK8	Subadult	
BILS	699	Tooth, Permanent upper canine	40	Permanent upper canine		Dentition	SK8	Subadult	
BILS	700	Tooth, Permanent upper first molar	40	Permanent upper first molar		Dentition	SK8	Subadult	

Wreck	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	701	Tooth, Permanent upper central incisor	40	Permanent upper central incisor		Dentition	SK8	Subadult	
BILS	702	Tooth, Permanent upper lateral incisor	40	Permanent upper lateral incisor		Dentition	SK8	Subadult	
BILS	703	Tooth, Permanent upper canine	40	Permanent upper canine		Dentition	SK8	Subadult	
BILS	704	Tooth, Permanent upper second premolar	40	Permanent upper second premolar		Dentition	SK8	Subadult	
BILS	705	Tooth, Permanent upper second premolar	40	Permanent upper second premolar		Dentition	SK8	Subadult	
BILS	706	Tooth, Permanent upper first molar	40	Permanent upper first molar		Dentition	SK8	Subadult	
BILS	707	Tooth, Permanent upper second molar	40	Permanent upper second molar	Four fully developed roots	Dentition	SK8	Subadult	
BILS	708	Tooth, Permanent upper third molar	40	Permanent upper third molar	Unrupted	Dentition	SK8	Subadult	
BILS	709	Tooth, Deciduous upper canine	40	Deciduous upper canine	Retained milk tooth besides permanent canine	Dentition	SK8	Juvenile	
BILS	710	Vertebra.	40	Vertebra C1, atlas	Part with articulation for dens of axis	Torso	SK8	Subadult	
BILS	713	Human unidentified	40	Unidentified	Very small fragments	Human unidentified	Unidentified	Unidentified	12/10/99
BILS	718	Clean up vertebral column, SK 11	40	Rib unidentified	Lots of small rib fragments	Torso	SK11	Adult	12/10/99
BILS	720	Human bone	40	Unidentified	Many tiny fragments	Human unidentified	Unidentified	Unidentified	8/10/99
BILS	721	Human bone	40	Ear ossicle	Hammer + anvil	Head	SK7	Adult	
BILS	722	Human bone	40	Ear ossicle	Hammer + anvil	Head	SK7	Adult	
BILS	723	Human bone	40	base region unidentified	Styloid process skull SK7 (lts)	Head	SK7	Adult	
BILS	724	Human bone	40	Cheek bone	With 2 loose fragments	Head	SK8	Subadult	
BILS	725	Human bone	40	Cheek bone	Arcus zygomaticus	Head	SK8	Subadult	
BILS	727	Human bone	40	Permanent lower second premolar	Plus small fragment mandible	Dentition	SK8	Subadult	
BILS	728	Phalanges (2), SK 8 Button (1) directly underneath northern end of ulna & radius.	32 Non-16	Phalanges (2)	Plus button	Hand	SK8	Subadult	12/10/99
BILS	729	Tooth, Permanent upper third molar	40	Permanent upper third molar	Unrupted M3, crown only	Dentition	SK8	Subadult	

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Wreck Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BLS 730	NW Sieved lump rib cage SK 10	40	Rib unidentified	Lots of (very) small fragments	Torso	SK10	Adult	12/10/99
BLS 731	Rib (on top of lump 238) (SK 10)	40	Rib unidentified	Small and bigger fragments	Torso	SK10	Adult	12/10/99
BLS 732	Rib (on top of lump 238) (SK 10)	40	Rib unidentified	Some sizable and many very small fragments	Torso	SK10	Adult	12/10/99
BLS 735	Rib (on top of lump 238) (SK 10)	40	Rib unidentified	Large unidentifiable fragment	Torso	SK10	Adult	12/10/99
BLS 736	Rib (on top of lump 238) (SK 10)	40	Rib unidentified		Torso	SK10	Adult	12/10/99
BLS 740	Rib(s) SK 10	40	Rib unidentified	Several small fragments	Torso	SK10	Adult	12/10/99
BLS 741	Rib SK 10	40	Rib unidentified	11th or 12th rib?	Torso	SK10	Adult	12/10/99
BLS 742	Lumbar vertebrae (2) (SK 10 ?)	40	Vertebra unidentified	Lumbar vertebra	Torso	SK10	Adult	12/10/99
BLS 744	Pelvis fragments SK 11	40	Pelvic bone		Hip	SK11	Adult	12/10/99
BLS 745	Pelvis fragments SK 11	40	Pelvic bone		Hip	SK11	Adult	12/10/99
BLS 746	Long bone fragment SK 10?	40	Thigh bone	Probably femur, left?	Leg	SK10	Adult	12/10/99
BLS 747	Long bone fragment SK 10?	40	Unidentified	Probably part of left femur SK10	Long bone	SK10?	Adult	12/10/99
BLS 748	Bone fragment. End of ulna ? SK 10?	40	Knee bone	Two small fragments of medial side	Leg	SK10	Adult	12/10/99
BLS 749	Bone fragment. SK 7	40	Unidentified	Rib area	Human unidentified	SK7	Unidentified	12/10/99
BLS 753	Ribs Sk 10	40	Rib unidentified	3 fragments of 1 or 2 ribs	Torso	SK10	Adult	12/10/99
BLS 764	Human bone	40	Radius	Distal end	Arm	SK11	Adult	21/2/2001
BLS 766	Human bone	40	Permanent upper third molar.		Dentition	SK7	Adult	5/10/99
BLS 768	Human bone	40	Unidentified	11 small fragments	Human unidentified	Unidentified	Unidentified	12/10/99
BLS 775	Human bone	40	Unidentified	3 small fragments	Human unidentified	Unidentified	Unidentified	12/10/99
BLS 777	Human bone	40	Unidentified	Very small fragments	Human unidentified	Unidentified	Unidentified	12/10/99
BLS 788	Human bone	40	Cheek bone		Head	SK6	Adult	3/10/99
BLS 789	Human bone	40	Cranium		Head	SK6	Adult	30/9/99
BLS 790	Human bone	40	Upper jaw	Right side of nose.	Head	SK7	Adult	
BLS 791	Human bone	40	Unidentified		Human unidentified	Unidentified	unidentified	
BLS 792	Human bone	40	Ear ossicle hammer	Either left or right petrosal SK5	Head	SK5	Adult	3/10/99
BLS 793	Human bone	40	Ear ossicle anvil	Either left or right petrosal SK5	Head	SK5	Adult	3/10/99

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Wreck No.	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	794	Human bone	40	Vertebra C2, axis	In 3 fragments, fitting together	Torso	SK8	Subadult	
BILS	795	Human bone	40	Vertebra C3	Mainly arcus vertebrae, arthritis??	Torso	SK8	Subadult	
BILS	796	Human bone	40	Vertebra C4	Mainly arcus vertebrae	Torso	SK8	Subadult	
BILS	797	Human bone	40	Vertebra C4		Torso	SK8	Subadult	
BILS	798	Human bone	40	Lower jaw		Head	SK8	Subadult	
BILS	799	Human bone	40	Vertebra C6		Torso	SK8	Subadult	10/10/99
BILS	800	Human bone	40	Vertebra C5		Torso	SK8	Subadult	10/10/99
BILS	801	Human bone	40	Base region unidentified	2 fragments	Head	SK8	Subadult	10/10/99
BILS	802	Human bone	40	Distal finger bone 1	Fully grown	Hand	SK8	Adult	10/10/99
BILS	803	Human bone	40	Unidentified	4 fragments, possibly arm	Long bone	SK8	Unidentified	10/10/99
BILS	804	Human bone	40	Rib 1	Both ends missing. Left rib?	Torso	SK8	Subadult	10/10/99
BILS	805	Human bone	40	Rib unidentified	7 fragments of at least two right? ribs.	Torso	SK8	Subadult	10/10/99
BILS	806	Human bone	40	Shoulder blade	3 fragments of mainly acromion	Torso	SK8	Subadult	10/10/99
BILS	807	Human bone	40	Collar bone	3 fragments of both ends	Torso	SK8	Subadult	10/10/99
BILS	808	Human bone	40	Vertebra unidentified	17 small vertebra fragments	Torso	SK8	Subadult	10/10/99
BILS	809	Human bone	40	Rib unidentified	19 rib fragments plus collection of small rib fragments	Torso	SK8	Subadult	10/10/99
BILS	810	Human bone	40	Unidentified	13 frags unidentified	Human unidentified	Unidentified	unidentified	5/10/99
BILS	811	Human bone	40	Vault region unidentified	8 fragments	Head	SK9	Juvenile	5/10/99
BILS	812	Human bone	40	Occipital bone Pars lateralis		Head	SK9	Juvenile	5/10/99
BILS	813	Human bone	40	Occipital bone Pars lateralis		Head	SK9	Juvenile	5/10/99
BILS	815	Human bone	40	Vertebra unidentified	Processus spinosus, thoracic?	Torso	SK7	Adult	5/10/99
BILS	816	Human bone	40	Rib 1		Torso	SK7	Adult	
BILS	817	Human bone	40	Shoulder blade	Fragment of proc. Coracoideus	Torso	SK7	Adult	
BILS	818	Human bone	40	Rib unidentified	Medial end, rib 2?	Torso	SK7	Adult	
BILS	819	Human bone	40	unidentified	3 left ribs in many fragments, also frag of right rib?	Torso	SK7	Adult	

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Wreck Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS 820	Human bone	40	Metacarpal bone 3	Both ends damaged/missing	Hand	SK7	Adult	9/10/99
BILS 821	Human bone	40	Proximal finger bone 4		Hand	SK7	Adult	
BILS 822	Human bone	40	Proximal finger bone 5	Proximal end damaged, arthritis?	Hand	SK7	Adult	
BILS 823	Human bone	40	Middle finger bone 4		Hand	SK7	Adult	
BILS 824	Human bone	40	Middle finger bone 2		Hand	SK7	Adult	
BILS 825	Human bone	40	Proximal finger bone 1		Hand	SK7	Adult	
BILS 826	Human bone, Ulna, juvenile	40	Ulna	Distal end missing	Arm	SK9	Juvenile	
BILS 827	Human bone	40	Proximal finger bone 1	Left thumb? proximal epiphysis missing.	Hand	SK8	Subadult	12/10/99
BILS 828	Human bone	40	Distal toe bone unidentified		Foot	SK7	Adult	
BILS 829	Human bone	40	Distal toe bone unidentified		Foot	SK7	Adult	
BILS 830	Human bone	40	Heel bone	Lateral side + tuber calcanei missing	Foot	SK7	Adult	9/10/99
BILS 831	Human bone	40	Ank/a bone		Foot	SK7	Adult	9/10/99
BILS 832	Human bone	40	Cuboid bone	Dorsal side missing	Foot	SK7	Adult	9/10/99
BILS 833	Human bone	40	Metatarsal bone 2	Pathological? distal end missing, proximal end damaged	Foot	SK7	Adult	9/10/99
BILS 834	Human bone	40	Metatarsal bone 3	Pathological? Distal end missing, proximal end damaged	Foot	SK7	Adult	9/10/99
BILS 835	Human bone	40	Metatarsal bone 4	Pathological? Distal end missing, prox and damaged	Foot	SK7	Adult	9/10/99
BILS 836	Human bone	40	Metatarsal bone 5	Pathological? Distal end missing, proximal end damaged	Foot	SK7	Adult	9/10/99
BILS 837	Human bone	40	Radius proximal epiphysis		Arm	SK8	Subadult	
BILS 838	Human bone	40	Proximal finger bone 1		Hand	SK11	Adult	12/10/99
BILS 839	Human bone	40	Proximal finger bone unidentified	Proximal end missing	Hand	SK11	Adult	12/10/99
BILS 840	Human bone	40	Proximal finger bone unidentified	Plus small rb fragments	Hand	SK11	Adult	12/10/99
BILS 841	Human bone	40	Middle finger bone unidentified		Hand	SK11	Adult	12/10/99
BILS 842	Human bone	40	Navicular bone		Hand	SK11	Adult	12/10/99

Wreck	Reg. No.	Preliminary description	Metric	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	843	Human bone	40	Lunar bone		Hand	SK11	Adult	12/10/99
BILS	844	Human bone	40	Vertebra L5		Torso	SK11	Adult	
BILS	845	Human bone	40	Rib unidentified		Torso	SK11	Adult	
BILS	846	Human bone	40	Rib unidentified		Torso	SK11	Adult	
BILS	847	Human bone	40	Shoulder blade	2 small fragments	Torso	SK11	Adult	
BILS	848	Human bone	40	Vertebra unidentified	Small fragments	Torso	SK11	Adult	
BILS	849	Human bone	40	Finger bone unidentified	4 phalanges fragments, 1 incomplete distal phalanx, 1 incomplete medial phalanx? they appear subadult - SK8??	Hand	Unidentified	Unidentified	
BILS	850	Human bone	40	Ear ossicle	Incus, malleus & stapes present from left ear SK9	Head	SK9	Juvenile	3/10/99
BILS	852	Human bone	40	Triquetrum bone		Hand	SK11	Adult	
BILS	853	Human bone	40	Hamatum bone		Hand	SK11	Adult	
BILS	854	Human bone	40	Capitulum bone		Hand	SK11	Adult	
BILS	855	Human bone	40	Pisiform bone		Hand	SK11	Adult	
BILS	857	Human bone	40	Os sesamoideus		Foot	SK10	Adult	
BILS	858	Human bone	40	Os sesamoideus		Foot	SK10	Adult	
BILS	859	Human bone	40	Tarsal bone unidentified	Lots of fragments, possibly of talus, calcaneus or os cuboform lateralis.	Foot	SK10	Adult	
BILS	860	Human bone	40	Proximal toe bone 3		Foot	SK10	Adult	7/10/99
BILS	861	Human bone	40	Middle toe bone unidentified		Foot	SK10	Adult	7/10/99
BILS	862	Human bone	40	Middle toe bone unidentified	Probably left. Especially distal end missing.	Foot	SK10	Adult	
BILS	863	Human bone	40	Trapezium bone		Hand	SK10	Adult	
BILS	864	Human bone	40	Trapezoidium bone		Hand	SK10	Adult	
BILS	865	Human bone	40	Proximal finger bone 1		Hand	SK10	Adult	
BILS	866	Human bone	40	Proximal finger bone unidentified	Prox phalanx 2?	Hand	SK10	Adult	
BILS	867	Human bone	40	Distal toe bone 1		Foot	SK11	Adult	7/10/99
BILS	868	Human bone	40	Proximal toe bone unidentified		Foot	SK11	Adult	7/10/99
BILS	869	Human bone	40	Proximal toe bone unidentified		Foot	SK7	Adult	

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Wreck Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS 870	Human bone	40	Thigh bone	Part of condyle	Leg	Unidentified	Adult	
BILS 871	Human bone	40	Vertebra unidentified	Proc spinosus of probably thoracic vertebra	Torso	Unidentified	Adult	3/10/99
BILS 872	Human bone	40	Upper arm bone		Arm	SK10	Adult	3/10/99
BILS 873	Human bone	40	Upper arm bone	Distal end (trochlea?) fragment	Arm	Unidentified	Adult	3/10/99
BILS 874	Human bone	40	Unidentified	8 fragments, one possibly pelvis, one possibly skull??	Human unidentified	Unidentified	Adult	3/10/99
BILS 875	Human bone	40	Toe bone unidentified	Incomplete plus fragment.	Foot	Unidentified	unidentified	
BILS 876	Human bone	40	Toe bone unidentified	Fragments possibly of ankle bones??	Foot	Unidentified	unidentified	
BILS 877	Human bone	40	Unidentified	Fragments of ribs?? pelvis??	Human unidentified	Unidentified	unidentified	
BILS 878	Human bone	40	Unidentified	7 fragments	Long bone	Unidentified	unidentified	
BILS 879	Human bone	40	Unidentified	Fragments of talus (?) or distal end of femur (?)	Human unidentified	Unidentified	unidentified	
BILS 880	Human bone	40	Navicular bone		Foot	SK10	Adult	
BILS 881	Human bone	40	Medial cuneiform bone		Foot	SK10	Adult	
BILS 882	Human bone	40	Splint bone		Leg	SK10	Adult	
BILS 883	Human bone	40	Traquetrum bone		Hand	SK10	Adult	3/10/99
BILS 884	Human bone	40	Proximal finger bone 2		Hand	SK11	Adult	3/10/99
BILS 885	Human bone	40	Middle finger bone 2		Hand	SK11	Adult	3/10/99
BILS 886	Human bone	40	Distal finger bone 3		Hand	SK11	Adult	3/10/99
BILS 887	Human bone	40	Vertebra unidentified		Hand	SK11	Adult	3/10/99
BILS 888	Human bone	40	Vertebra unidentified	Lumbar vertebra. Only arcus vertebrae.	Torso	Unidentified	Unidentified	6/10/99
BILS 889	Human bone	40	Vertebra unidentified	Lots of small vertebra fragments	Torso	SK10	Adult	
BILS 890	Human bone	40	Vertebra unidentified	Probably lumbar vertebra	Torso	SK10	Adult	
BILS 891	Human bone	40	Vertebra unidentified	Probably lumbar vertebra	Torso	SK10	Adult	
BILS 892	Human bone	40	Collar bone	Clavicle fragment??	Torso	SK10	Adult	
BILS 893	Human bone	40	Hand bone unidentified	Carpal and metacarpal fragments.	Hand	Unidentified	Adult	
BILS 894	Human bone	40	Metacarpal bone 1	Proximal end missing	Hand	SK11	Adult	
BILS 895	Human bone	40	Metacarpal bone 3	Both ends missing	Hand	SK11	Adult	
BILS 896	Human bone	40	Metacarpal bone 5	Both ends missing/damaged	Hand	SK11	Adult	
BILS 897	Human bone	40	Metacarpal bone 2	Both ends missing/damaged	Hand	SK11	Adult	

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Wreck No.	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	898	Human bone	40	Metacarpal bone 4	3 fragments. L metacarpal 4?	Hand	SK11	Adult	
BILS	899	Human bone	40	Hamatum bone		Hand	SK11	Adult	
BILS	900	Human bone	40	Trapezoidium bone	Only slightly damaged	Hand	SK11	Adult	
BILS	901	Human bone	40	Triquetrum bone	Only slightly damaged	Hand	SK11	Adult	
BILS	902	Human bone	40	Trapezium bone	2 fragments	Hand	SK11	Adult	
BILS	903	Human bone	40	Ulna	Distal end of ulna, 2 fragments	Arm	Unidentified	Adult	
BILS	904	Human bone	40	Unidentified	Distal end of (L) radius?	Human unidentified	Unidentified	Adult	
BILS	905	Human bone	40	Upper jaw	Two fragments, one with foramen infraorbitale	Head	SK7	Adult	
BILS	906	Human bone	40	Vertebra unidentified	Cervical (?) fragment	Torso	SK7	Adult	
BILS	907	Human bone	40	Cheek bone		Head	SK7	Adult	
BILS	908	Human bone	40	Cheek bone	Plus part of maxilla	Head	SK7	Adult	
BILS	914	Tooth, Deciduous upper first molar, [#54]	40	Deciduous upper first molar		Dentition	SK12	Juvenile	25/2/2001
BILS	917	Tooth, Deciduous lower second molar, [#85]	40	Deciduous lower second molar		Dentition	SK12	Juvenile	25/2/2001
BILS	918	Tooth, Permanent lower first molar, [#35]	40	Permanent lower first molar	Crown not fully developed	Dentition	SK12	Juvenile	25/2/2001
BILS	919	Tooth, Deciduous lower first molar	40	Deciduous lower first molar		Dentition	SK12	Juvenile	25/2/2001
BILS	920	Tooth, Deciduous lower canine, [# 53]	40	Deciduous lower canine		Dentition	SK12	Juvenile	25/2/2001
BILS	921	Tooth, Deciduous lower first molar, [#84]	40	Deciduous lower first molar		Dentition	SK12	Juvenile	25/2/2001
BILS	922	Tooth, Deciduous lower second molar, [#75]	40	Deciduous lower second molar		Dentition	SK12	Juvenile	25/2/2001
BILS	923	Tooth, Permanent upper first molar, [#26]	40	Permanent upper first molar	Not fully developed	Dentition	SK12	Juvenile	25/2/2001
BILS	924	Tooth, Deciduous upper second molar, [#51]	40	Deciduous upper second molar		Dentition	SK12	Juvenile	25/2/2001
BILS	925	Tooth, Deciduous upper canine, [#83]	40	Deciduous upper canine		Dentition	SK12	Juvenile	25/2/2001
BILS	926	Tooth, Deciduous upper lateral incisor, [#52]	40	Deciduous upper lateral incisor		Dentition	SK12	Juvenile	25/2/2001
BILS	927	Tooth, Deciduous upper central incisor, [#51]	40	Deciduous upper central incisor		Dentition	SK12	Juvenile	25/2/2001

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Wreck	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	928	Tooth, Deciduous upper central incisor. [#61]	40	Deciduous upper central incisor		Dentition	SK12	Juvenile	25/2/2001
BILS	929	Tooth, Deciduous upper lateral incisor. [#62]	40	Deciduous upper lateral incisor		Dentition	SK12	Juvenile	25/2/2001
BILS	930	Tooth, Deciduous upper canine. [#63]	40	Deciduous upper canine		Dentition	SK12	Juvenile	25/2/2001
BILS	931	Tooth, Deciduous upper first molar. [#64]	40	Deciduous upper first molar		Dentition	SK12	Juvenile	25/2/2001
BILS	932	Tooth, Deciduous upper second molar. [# 65]	40	Deciduous upper second molar		Dentition	SK12	Juvenile	25/2/2001
BILS	933	Tooth.	40	Unidentified	Possibly fragment of root	Dentition	SK12	Unidentified	25/2/2001
BILS	950	Human bone	40	Unidentified		Human unidentified			2/4/2001
BILS	952	Human bone	40	Unidentified	Bone fragment	Human unidentified			3/4/2001
BILS	961	Human bone	40	Unidentified					4/4/2001
BILS	962	Human bone	40	Rib fragment		Torso			4/4/2001
BILS	963	Human bone	40	Rib fragment		Torso			4/4/2001
BILS	964	Human bone	40	Rib fragment		Torso			4/4/2001
BILS	965	Human bone	40	Rib fragment		Torso			4/4/2001
BILS	967	Bone fragment found on surface	40	Unidentified	Bone fragment				4/4/2001
BILS	1053	Tooth, Deciduous upper right lateral incisor. Baby tooth no. 5/2 FDI	40	Deciduous upper right lateral incisor. First dentition.	Tooth, baby	Dentition	Unidentified	Baby	22/5/2001

**D. Bones associated with various individuals from the mass grave (SK5, SK6, SK7, SK8, SK9, SK10, SK11 and SK12)**



Wreck Reg. No.	Preliminary description	Metric	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS 34	Petrosal (Temporal) bone	40	Temporal bone	Pars petrosa slightly damaged	Head	SK5	Adult	30/9/99
BILS 52	Petrosal (Temporal) bone	40	Temporal bone	Pars petrosa slightly damaged, pars squamosa broken off	Head	SK5	Adult	3/10/99
BILS 63	ForamenMagnum ?Vertebra	40	Occipital bone	Anterior rim of foramen magnum	Head	SK5	Adult	5/10/99
BILS 88	Infra orbital rim/cheek	40	Cheek bone		Head	SK5	Adult	2/10/99
BILS 96	Rt Maxilla, fragment. Poss. abscess at the central incisor. Shiny occlusal surface possibly from grinding.	40	Upper jaw	Right side of maxilla plus os zygomaticum attached; URC + URP1 present, URM1 anteromortem loss.	Head	SK5	Adult	30/9/99
BILS 108	Tooth, incisor	40	Permanent upper lateral incisor	Very worn (left?)	Dentition	SK5	Adult	2/10/99
BILS 122	Tooth	40	Permanent upper lateral incisor		Dentition	SK5	Adult	3/10/99
BILS 172	Human bone	40	Upper jaw	Left part of the nose (maxilla)	Head	SK5	Adult	1/10/99
BILS 174	Nasal bone	40	Nasal bone		Head	SK5	Adult	1/10/99
BILS 246	Human bone	40	Vault region unidentified		Head	SK5	Adult	1/10/99
BILS 373	Tooth Rim2	40	Permanent upper third molar		Dentition	SK5	Adult	3/10/99
BILS 792	Human bone	40	Ear ossicle hammer	Either left or right petrosal SK5	Head	SK5	Adult	3/10/99
BILS 793	Human bone	40	Ear ossicle anvil	Either left or right petrosal SK5	Head	SK5	Adult	3/10/99

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Wreck	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	15	Mastoid process.	40	Temporal bone Processus mastoideus		Head	SK6	Adult	3/10/99
BILS	33	Tooth RP 2, Adult	40	Permanent upper second premolar		Dentition	SK6	Adult	30/9/99
BILS	41	Skull fragment	40	Occipital bone	2 frags	Head	SK6	Adult	1/10/99
BILS	50	Tooth, Upper molar, adult	40	Permanent upper first molar		Dentition	SK6	Adult	3/10/99
BILS	155	Tooth, incisor, adult ?	40	Permanent upper central incisor	Very worn	Dentition	SK6	Adult	30/9/99
BILS	156	Tooth, incisor, juvenile ?	40	Permanent upper lateral incisor	Very small but def permanent: peg lateral	Dentition	SK6	Adult	30/9/99
BILS	163	Tooth, molar, adult	40	Permanent upper second molar		Dentition	SK6	Adult	1/10/99
BILS	211	Tooth, deciduous	40	Permanent upper lateral incisor	Def. permanent: peg lateral	Dentition	SK6	Adult	3/10/99
BILS	788	Human bone	40	Cheek bone		Head	SK6	Adult	3/10/99
BILS	789	Human bone	40	Cranium		Head	SK6	Adult	30/9/99

Wreck Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS 23	Hand/foot bone	40	Middle finger bone unidentified	Right? medial phalanx 5? arthritis in proximal joint? bone is curved sideways	Hand	SK7	Adult	30/9/99
BILS 25	Human bone (2 frags)	40	Nasal bone	2 fragments, one looks like nasal bone?	Head	SK7	Adult	30/9/99
BILS 30	Human bone	40	Lunar bone		Hand	SK7	Adult	3/10/99
BILS 47	Atlas + other frags (2 pieces)	40	Vertebra C1, atlas.		Torso	SK7	Adult	3/10/99
BILS 48	Vertebra, adult	40	Vertebra C5	Cervical vertebra, corpus missing	Torso	SK7	Adult	3/10/99
BILS 59	Humerus	40	Upper arm bone	Proximal end missing, fracture	Arm	SK7	Adult	5/10/99
BILS 60	Thumb bone 1	40	Metacarpal bone 1		Hand	SK7	Adult	5/10/99
BILS 61	Hand (metacarpal) bone 2	40	Metacarpal bone 2	Distal end is missing	Hand	SK7	Adult	5/10/99
BILS 62	Hand (phalanx) bone 3, proximal	40	Proximal finger bone 3	Proximal end missing	Hand	SK7	Adult	5/10/99
BILS 64	Axis	40	Vertebra C2, axis	Especially corpus vertebrae damaged.	Torso	SK7	Adult	5/10/99
BILS 66	Hand/foot bone	40	Pisiform bone	Slightly damaged	Hand	SK7	Adult	6/10/99
BILS 143	Left shoulder (6 frags)	40	Shoulder blade	6 fragments	Torso	SK7	Adult	5/10/99
BILS 144	Shoulder blade fragment	40	Shoulder blade	Acromion	Torso	SK7	Adult	5/10/99
BILS 178	Carpal	40	Triquetrum bone		Hand	SK7	Adult	2/10/99
BILS 179	Finger/Toe bone	40	Proximal toe bone unidentified		Foot	SK7	Adult	7/10/99
BILS 243	Pelvis frags x 2	40	Pelvic bone	2 curved fragments, pelvis?	Hip	SK7	Adult	29/9/99
BILS 267	Femur	40	Thigh bone	Both ends missing, dense trabecular bone consistent with age in early twenties, appears to have 2 foramina nutrientium, but one may be trauma	Leg	SK7	Adult	1/10/99
BILS 269	Pelvis	40	Pelvic bone	Ileum fragment	Hip	SK7	Adult	1/10/99
BILS 270	Proximal epiphyses, femur	40	Thigh bone	Proximal end of femur (left)	Leg	SK7	Adult	1/10/99
BILS 271	Femur, distal end. See proximal end. May be half-fused epiphyses.	40	Thigh bone	Distal end of femur (left?)	Leg	SK7	Adult	1/10/99
BILS 272	Metatars, ant.	40	Knee bone		Leg	SK7	Adult	1/10/99

Wreck Reg. No.	Preliminary description	Maco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS 284	Pelvis, sciatic notch, probably male	40	Pelvic bone	Sciatic notch	Hip	SK7	Adult	2/10/99
BILS 314	Foot bone, adult	40	Metatarsal bone 1		Foot	SK7	Adult	3/10/99
BILS 315	Toe bone, adult	40	Metatarsal bone 5		Foot	SK7	Adult	3/10/99
BILS 329	Sacrum (2 pieces)	40	Pelvic bone	2 fragments of ilium/acies auricularis	Hip	SK7	Adult	5/10/99
BILS 413	Tarsal bone H	40	Middle cuneiform bone		Foot	SK7	Adult	7/10/99
BILS 415	Foot bone A	40	lateral cuneiform bone	Only slightly damaged	Foot	SK7	Adult	7/10/99
BILS 416	Foot bone B	40	Navicular bone	Only slightly damaged	Foot	SK7	Adult	7/10/99
BILS 417	Foot fragment C	40	Heel bone	Tuber calcanei.	Foot	SK7	Adult	7/10/99
BILS 418	Foot bone	40	Metatarsal bone 1	Both ends missing, plus small fragment	Foot	SK7	Adult	7/10/99
BILS 452	Human bone	40	Middle cuneiform bone		Foot	SK7	Adult	9/10/99
BILS 453	Human bone	40	lateral cuneiform bone		Foot	SK7	Adult	9/10/99
BILS 454	Human bone	40	Medial cuneiform bone		Foot	SK7	Adult	9/10/99
BILS 455	Human bone	40	Navicular bone		Foot	SK7	Adult	9/10/99
BILS 456	Human bone	40	Heel bone		Foot	SK7	Adult	9/10/99
BILS 457	Human bone	40	Ankle bone		Foot	SK7	Adult	9/10/99
BILS 459	Fibula, SK7?	40	Spilint bone	Distal end missing	Leg	SK7	Adult	9/10/99
BILS 460	Tibia, SK7?	40	Shin bone	in 5 large fragments and some very small, pathology on the back of the tibia? - inflammation of periost? or bad preservation?	Leg	SK7	Adult	9/10/99
BILS 461	Pelvis	40	Pelvic bone	Acerabulum fragment (hip joint)	Hip	SK7	Adult	9/10/99
BILS 462	Femur frag	40	pubic bone	Pubic symphysis missing.	Hip	SK7	Adult	9/10/99
BILS 463	Patella, Rt	40	knee bone		Leg	SK7	Adult	9/10/99
BILS 464	Fibula, Rt	40	Spilint bone	Plus fragment, distal end? proximal end missing	Leg	SK7	Adult	9/10/99
BILS 465	Tibia, Rt	40	Shin bone	Proximal end separate fragment, plus other prox. fragment, prox. epiphysal line vaguely visible.	Leg	SK7	Adult	9/10/99
BILS 466	Sacrum/coccyx	40	Sacrum	Crista sacralis mediana (dorsal part) only, plus coccyx and twg fragments	Hip	SK7	Adult	9/10/99

Wreck	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	468	Rib	40	Rib unidentified		Torso	SK7	Adult	9/10/99
BILS	469	Rt. femur. For DNA analysis	40	Thigh bone	Proximal part missing, very dense black soil & roots inside the bone with white chalky material.	Leg	SK7	Adult	9/10/99
BILS	471	Scapula. Lt	40	Shoulder blade		Torso	SK7	Adult	9/10/99
BILS	472	Ulna	40	Ulna		Arm	SK7	Adult	9/10/99
BILS	473	Radius	40	Radius	Proximal and distal ends missing	Arm	SK7	Adult	9/10/99
BILS	474	Phalanges (2)	40	Proximal finger bone 2	Prob right prox phalanx 3. prox. end damaged, arthritis??	Hand	SK7	Adult	9/10/99
BILS	475	Rt humerus fragment (2 pieces)	40	Upper arm bone	2 fragments	Arm	SK7	Adult	9/10/99
BILS	476	Phalanges (2)	40	Middle finger bone 3	Medial phalanx	Hand	SK7	Adult	9/10/99
BILS	477	Skull SK7	40	Cranium	Plus cheekbones (BILS 907/908) and 3 small fragments (and many tiny fragments) removed during cleaning	Head	SK7	Adult	9/10/99
BILS	478	Phalanges (2) under skull SK7	40	Distal finger bone 1	*Distal end thumb	Hand	SK7	Adult	9/10/99
BILS	479	Vertebra 1	40	Vertebra C3	Corpus missing	Torso	SK7	Adult	9/10/99
BILS	480	Vertebra 2	40	Vertebra C4	Corpus missing	Torso	SK7	Adult	9/10/99
BILS	481	Vertebra 3	40	Vertebra C6	Corpus missing	Torso	SK7	Adult	9/10/99
BILS	482	Vertebra 4 (2 pieces); small frag. of fabric?	40	Vertebra C7	in 2 fragments, corpus missing	Torso	SK7	Adult	9/10/99
BILS	483	Vertebra 5 (2 pieces)	40	Vertebra T1	Corpus missing, + unid fragment*	Torso	SK7	Adult	9/10/99
BILS	484	Mandible SK7. 2 x loose teeth + 10 in situ	40	Lower jaw	all teeth present (2 incisors in BILS 485)	Head	SK7	Adult	9/10/99
BILS	485	Upper teeth in maxilla (5 teeth); 2 x frags of maxilla; 12 x loose teeth	40	Upper jaw	includes all upper teeth except LUM3, plus 2 lower incisors	Head	SK7	Adult	9/10/99
BILS	486	Rib	40	Rib unidentified	Both ends missing, rib 9??	Torso	SK7	Adult	10/10/99
BILS	489	Rib	40	Rib unidentified	Plus fragment unidentified, rib 11??	Torso	SK7	Adult	10/10/99
BILS	490	Rib	40	Rib unidentified	3 fragments, rib 10??	Torso	SK7	Adult	10/10/99

Wreck No.	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	491	Scapula, Right	40	Shoulder blade	Incomplete + 7 fragments	Torso	SK7	Adult	10/10/99
BILS	492	Sieved soil from vertebra area of SK7	40	unidentified	42 small fragments	Torso	SK7	Adult	10/10/99
BILS	493	Rib	40	Rib unidentified	Both ends missing; rib 3??	Torso	SK7	Adult	10/10/99
BILS	494	Rib	40	Rib unidentified	Both ends damaged; rib 7??	Torso	SK7	Adult	10/10/99
BILS	496	Vertebra A	40	Vertebra L5	Only arcus vertebrae, asymmetric	Torso	SK7	Adult	10/10/99
BILS	497	Vertebra B	40	Vertebra L4	Corpus vertebrae missing, asymmetric, + fragment	Torso	SK7	Adult	10/10/99
BILS	498	Vertebra C	40	Vertebra L3	Corpus vertebrae missing, asymmetric	Torso	SK7	Adult	10/10/99
BILS	499	Vertebra D	40	Vertebra L2	Corpus vertebrae missing, asymmetric, + fragment*	Torso	SK7	Adult	10/10/99
BILS	500	Vertebra E	40	Vertebra L1	Part of arcus vertebrae, asymmetric	Torso	SK7	Adult	10/10/99
BILS	501	Vertebra F	40	Vertebra T12	Part of arcus vertebrae, proc spinosus slightly bending	Torso	SK7	Adult	10/10/99
BILS	502	Humerus, Left	40	Upper arm bone	Proximal end missing, plus two fragments; fracture	Arm	SK7	Adult	10/10/99
BILS	503	Vertebra G	40	Vertebra T10	Corpus vertebrae missing, + 3 frags	Torso	SK7	Adult	10/10/99
BILS	504	Vertebra H	40	Vertebra T9	Part of corpus vertebrae missing, slightly bending proc. spinosus, plus 2 fragments	Torso	SK7	Adult	10/10/99
BILS	505	Vertebra I	40	Vertebra T8	Corpus vertebrae missing, bending proc. spinosus	Torso	SK7	Adult	10/10/99
BILS	506	Vertebra J	40	Vertebra T7	Corpus vertebrae missing, slightly bending proc. spinosus	Torso	SK7	Adult	10/10/99
BILS	507	Vertebra K	40	Vertebra T6	Only arcus vertebrae, bending proc. spinosus	Torso	SK7	Adult	10/10/99
BILS	508	Vertebra L	40	Vertebra T5	Only arcus vertebrae	Torso	SK7	Adult	10/10/99
BILS	509	Vertebra M	40	Vertebra T4	Only arcus vertebrae, plus 2 fragments	Torso	SK7	Adult	10/10/99
BILS	510	Vertebra N + textile fragment, fine weave	+ 47 Tex	Vertebra T3		Torso	SK7	Adult	10/10/99
BILS	511	Vertebra O	40	Vertebra T2	3 fragments	Torso	SK7	Adult	10/10/99

Wreck Reg. No.	Preliminary description	Matoo	Bone description	Detailed description	Body part	Individual	Age Class	Date
BLS 512	Clavicle SK7	40	Collar bone	Sternal end missing	Torso	SK7	Adult	10/10/99
BLS 513	First Rib SK7	40	Rib 1	Both ends damaged	Torso	SK7	Adult	10/10/99
BLS 516	Bone fragments from sieved soil from skull SK7 Area	40	Unidentified	Lots of small fragments from skull area incl rib frags and proc. styloideus. (BLS 723)	Human unidentified	SK7	Adult	10/10/99
BLS 524	Sieved soil from skull and shoulder area SK7	40	Unidentified	Lots of small fragments from skull & shoulder, incl rib and vertebra frags	Human unidentified	SK7	Adult	10/10/99
BLS 527	Rib SK7	40	Rib unidentified		Torso	SK7	Adult	10/10/99
BLS 528	Rib SK7	40	Rib unidentified		Torso	SK7	Adult	10/10/99
BLS 529	Rib SK7	40	Rib unidentified	Large fragment	Torso	SK7	Adult	10/10/99
BLS 530	Rib SK7	40	Rib unidentified	4 fragments	Torso	SK7	Adult	10/10/99
BLS 531	Rib SK7	40	Rib unidentified	3 fragments	Torso	SK7	Adult	10/10/99
BLS 532	Rib SK7	40	Rib unidentified	4 fragments	Torso	SK7	Adult	10/10/99
BLS 533	Clavicle + first rib ?	40	Collar bone	Lateral end missing.	Torso	SK7	Adult	10/10/99
BLS 534	Fingers (4)	40	Distal finger bone unidentified		Hand	SK7	Adult	10/10/99
BLS 555	Sieved soil feet area: 2 x toe bones	40	Unidentified	Lots of small fragments	Foot	SK7	Unidentified	11/10/99
BLS 721	Human bone	40	Ear ossicle	Hammer + anvil	Head	SK7	Adult	
BLS 722	Human bone	40	Ear ossicle	Hammer + anvil	Head	SK7	Adult	
BLS 723	Human bone	40	base region unidentified	Styloid process skull SK7 (lts)	Head	SK7	Adult	
BLS 749	Bone fragment. SK 7	40	Unidentified	Rib area	Human unidentified	SK7	Unidentified	12/10/99
BLS 766	Human bone	40	Permanent upper third molar		Dentition	SK7	Adult	5/10/99
BLS 790	Human bone	40	Upper jaw	Right side of nose.	Head	SK7	Adult	
BLS 815	Human bone	40	Vertebra unidentified	Processus spinosus, thoracic?	Torso	SK7	Adult	5/10/99
BLS 816	Human bone	40	Rib 1		Torso	SK7	Adult	
BLS 817	Human bone	40	Shoulder blade	Fragment of proc. Coracoideus	Torso	SK7	Adult	
BLS 818	Human bone	40	Rib unidentified	Medial end, rib 2?	Torso	SK7	Adult	
BLS 819	Human bone	40	unidentified	3 left ribs in many fragments, also frag of right rib?	Torso	SK7	Adult	
BLS 820	Human bone	40	Metacarpal bone 3	Both ends damaged/missing	Hand	SK7	Adult	9/10/99

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BILS	821	Human bone	40	Proximal finger bone 4		Hand	SK7	Adult	
BILS	822	Human bone	40	Proximal finger bone 5	Proximal end damaged, arthritis?	Hand	SK7	Adult	
BILS	823	Human bone	40	Middle finger bone 4		Hand	SK7	Adult	
BILS	824	Human bone	40	Middle finger bone 2		Hand	SK7	Adult	
BILS	825	Human bone	40	Proximal finger bone 1		Hand	SK7	Adult	
BILS	828	Human bone	40	Distal toe bone unidentified		Foot	SK7	Adult	
BILS	829	Human bone	40	Distal toe bone unidentified		Foot	SK7	Adult	
BILS	830	Human bone	40	Heel bone	Lateral side + tuber calcanei missing	Foot	SK7	Adult	9/10/99
BILS	831	Human bone	40	Ankle bone		Foot	SK7	Adult	9/10/99
BILS	832	Human bone	40	Cuboid bone	Dorsal side missing	Foot	SK7	Adult	9/10/99
BILS	833	Human bone	40	Metatarsal bone 2	Pathological? distal end missing, proximal end damaged	Foot	SK7	Adult	9/10/99
BILS	834	Human bone	40	Metatarsal bone 3	Pathological? Distal end missing, proximal end damaged	Foot	SK7	Adult	9/10/99
BILS	835	Human bone	40	Metatarsal bone 4	Pathological? Distal end missing, prox end damaged	Foot	SK7	Adult	9/10/99
BILS	836	Human bone	40	Metatarsal bone 5	Pathological? Distal end missing, proximal end damaged	Foot	SK7	Adult	9/10/99
BILS	869	Human bone	40	Proximal toe bone unidentified		Foot	SK7	Adult	
BILS	905	Human bone	40	Upper jaw	Two fragments, one with foramen infraorbitale	Head	SK7	Adult	
BILS	906	Human bone	40	Vertebra unidentified	Cervical (?) fragment	Torso	SK7	Adult	
BILS	907	Human bone	40	Cheek bone		Head	SK7	Adult	
BILS	908	Human bone	40	Cheek bone	Plus part of maxilla.	Head	SK7	Adult	

Wreck	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	515	Skull SK8	40	cranium	Very fragile	Head	SK8	Subadult	10/10/99
BILS	525	Humerus SK8	40	Upper arm bone	Proximal end missing, distal end damaged & no epiphysis, some (vacue) green staining	Arm	SK8	Subadult	10/10/99
BILS	536	Rib SK8	40	Rib 2		Torso	SK8	Subadult	10/10/99
BILS	537	Rib SK8	40	Rib 3		Torso	SK8	Subadult	10/10/99
BILS	538	Rib SK8	40	Rib 4		Torso	SK8	Subadult	10/10/99
BILS	539	Rib SK8	40	Rib 5		Torso	SK8	Subadult	10/10/99
BILS	540	Rib SK8	40	Rib 6		Torso	SK8	Subadult	10/10/99
BILS	541	Rib SK8	40	Rib 7	In 3 fragments fitting together	Torso	SK8	Subadult	10/10/99
BILS	542	Rib SK8	40	Rib 8	In 9 fragments	Torso	SK8	Subadult	10/10/99
BILS	543	Rib SK8	40	Rib 9	Rib 9? 5 fragments	Torso	SK8	Subadult	10/10/99
BILS	544	Vertebra SK8	40	Vertebra C6		Torso	SK8	Subadult	10/10/99
BILS	545	Vertebra SK8	40	Vertebra C5		Head	SK8	Subadult	10/10/99
BILS	549	Clavicle	40	Collar bone	Both ends missing	Torso	SK8	Subadult	10/10/99
BILS	550	Vertebral bones	40	Vertebra unidentified	27 fragments	Torso	SK8	Subadult	10/10/99
BILS	552	Neck vertebra SK8	40	Vertebra C1, alias	Two fragments, fitting together; also 3 other cerv vertebrae in this find	Torso	SK8	Subadult	10/10/99
BILS	583	Phalange SK8	40	Proximal finger bone unidentified	No proximal epiphysis, green stain on palmar surface. left?	Hand	SK8	Subadult	12/10/99
BILS	584	Phalange SK8?	40	Proximal finger bone unidentified	Both proximal and distal ends damaged, proximal end no epiphysis, left?	Hand	SK8	Subadult	12/10/99
BILS	585	Radius SK8	40	Ulna	Distal end missing. proximal end no epiphysis. Bad preservation.	Arm	SK8	Subadult	12/10/99
BILS	586	Ulna SK8	40	Radius	Both ends missing, green stain towards distal end	Arm	SK8	Subadult	12/10/99
BILS	587	Phalanges (2) + Button	40	Metacarpal bone 1	Proximal end missing	Hand	SK8	Subadult	12/10/99
BILS	591	Sieved soil from skull area SK8 + arm and rib cage	40	Rib unidentified	8 small fragments, probably rib/vertebrae	Torso	SK8	Subadult	11/10/99
BILS	667	Humerus SK 8	40	Upper arm bone	Both ends missing	Arm	SK8	Subadult	11/10/99

Wreck	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	680	Lower jaw	40	Lower jaw	Right ramus & condyle broken off due to bad preservation. This part is present but does not fit. Teeth in situ: L molars (incl unerupted M3), L premolars, both canines, all incisors, LRP1. LR molars are present.*	Head	SK8	Subadult	
BILS	684	Tooth, Permanent lower first molar	40	Permanent lower first molar		Dentition	SK8	Subadult	
BILS	689	Tooth, Permanent lower second molar	40	Permanent lower second molar		Dentition	SK8	Subadult	
BILS	696	Tooth, Permanent lower third molar	40	Permanent lower third molar		Dentition	SK8	Subadult	
BILS	697	Tooth, Permanent upper central incisor	40	Permanent upper central incisor		Dentition	SK8	Subadult	
BILS	698	Tooth, Permanent upper lateral incisor	40	Permanent upper lateral incisor		Dentition	SK8	Subadult	
BILS	699	Tooth, Permanent upper canine	40	Permanent upper canine		Dentition	SK8	Subadult	
BILS	700	Tooth, Permanent upper first premolar	40	Permanent upper first premolar		Dentition	SK8	Subadult	
BILS	701	Tooth, Permanent upper central incisor	40	Permanent upper central incisor		Dentition	SK8	Subadult	
BILS	702	Tooth, Permanent upper lateral incisor	40	Permanent upper lateral incisor		Dentition	SK8	Subadult	
BILS	703	Tooth, Permanent upper canine	40	Permanent upper canine		Dentition	SK8	Subadult	
BILS	704	Tooth, Permanent upper second premolar	40	Permanent upper second premolar		Dentition	SK8	Subadult	
BILS	705	Tooth, Permanent upper second premolar	40	Permanent upper second premolar		Dentition	SK8	Subadult	
BILS	706	Tooth, Permanent upper first molar	40	Permanent upper first molar		Dentition	SK8	Subadult	
BILS	707	Tooth, Permanent upper second molar	40	Permanent upper second molar	Four fully developed roots	Dentition	SK8	Subadult	
BILS	708	Tooth, Permanent upper third molar	40	Permanent upper third molar	Unerupted	Dentition	SK8	Subadult	

Wreck Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS 709	Tooth, Deciduous upper canine	40	Deciduous upper canine	Retained milk tooth besides permanent canine	Dentition	SK8	Juvenile	
BILS 710	Vertebra.	40	Vertebra C1, atlas	Part with articulation for dens of axis	Torso	SK8	Subadult	
BILS 724	Human bone	40	Cheek bone	With 2 loose fragments	Head	SK8	Subadult	
BILS 725	Human bone	40	Cheek bone	Arcus zygomaticus	Head	SK8	Subadult	
BILS 727	Human bone	40	Permanent lower second premolar	Plus small fragment mandible	Dentition	SK8	Subadult	
BILS 728	Phalanges (2), SK 8 Button (1) directly underneath northern end of ulna & radius.	32 Non-	Phalanges (2)	Plus button	Hand	SK8	Subadult	12/10/99
BILS 729	Tooth, Permanent upper third molar	40	Permanent upper third molar	Unrupted M3, crown only	Dentition	SK8	Subadult	
BILS 794	Human bone	40	Vertebra C2, axis	in 3 fragments fitting together	Torso	SK8	Subadult	
BILS 795	Human bone	40	Vertebra C3	Mainly arcus vertebrae. arthritis??	Torso	SK8	Subadult	
BILS 796	Human bone	40	Vertebra C4	Mainly arcus vertebra	Torso	SK8	Subadult	
BILS 797	Human bone	40	Vertebra C4		Torso	SK8	Subadult	
BILS 798	Human bone	40	Lower jaw		Head	SK8	Subadult	
BILS 799	Human bone	40	Vertebra C6		Torso	SK8	Subadult	10/10/99
BILS 800	Human bone	40	Vertebra C5		Torso	SK8	Subadult	10/10/99
BILS 801	Human bone	40	Base region unidentified	2 fragments	Head	SK8	Subadult	10/10/99
BILS 802	Human bone	40	Distal finger bone 1	Fully grown	Hand	SK8	Adult	10/10/99
BILS 803	Human bone	40	Unidentified	4 fragments, possibly arm	Long bone	SK8	unidentified	10/10/99
BILS 804	Human bone	40	Rib 1	Both ends missing. Left rib?	Torso	SK8	Subadult	10/10/99
BILS 805	Human bone	40	Rib unidentified	7 fragments of at least two right? ribs.	Torso	SK8	Subadult	10/10/99
BILS 806	Human bone	40	Shoulder blade	3 fragments of mainly acromion	Torso	SK8	Subadult	10/10/99
BILS 807	Human bone	40	Collar bone	3 fragments of both ends	Torso	SK8	Subadult	10/10/99
BILS 808	Human bone	40	Vertebra unidentified	17 small vertebra fragments	Torso	SK8	Subadult	10/10/99
BILS 809	Human bone	40	Rib unidentified	19 rib fragments plus collection of small rib fragments	Torso	SK8	Subadult	10/10/99
BILS 827	Human bone	40	Proximal finger bone 1	fragments Left thumb? proximal epiphysis missing.	Hand	SK8	Subadult	12/10/00

Wreck	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	837	Human bone	4.0	Radius proximal epiphysis		Arm	SK6	Subadult	

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Wreck Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS 29	Thoracic juvenile vertebra	40	Vertebra unidentified.	Thoracic arcus vertebrae	Torso	SK9	Juvenile	30/9/99
BILS 95	Rib, juvenile	40	Rib unidentified	Both ends damaged	Torso	SK9	Juvenile	30/9/99
BILS 116	Cervical vertebra, juvenile	40	Vertebra unidentified.	slightly damaged, cervical vertebra	Torso	SK9	Juvenile	2/10/99
BILS 120	Rib, juvenile	40	Arcus vertebrae	Probably right, both ends missing	Torso	SK9	Juvenile	2/10/99
BILS 121	Fibula, juvenile	40	Rib unidentified		Leg	SK9	Juvenile	2/10/99
BILS 124	Rib, juvenile	40	Splint bone					
BILS 130	Vertebra, juvenile	40	Rib unidentified	Probably thoracic	Torso	SK9	Juvenile	3/10/99
BILS 133	Maxilla (cheekbone) juvenile	40	Vertebra unidentified.		Torso	SK9	Juvenile	3/10/99
BILS 135	Mandible, juvenile	40	Arcus vertebra	Only slightly damaged; LM1 halfway eruption, alveole LM2 present but no tooth, no deciduous teeth present for the sockets, permanent teeth in development	Head	SK9	Juvenile	3/10/99
BILS 136	Upper jaw	40	Upper jaw					
BILS 135	Rib, Juvenile	40	Rib unidentified		Torso	SK9	Juvenile	3/10/99
BILS 136	Tooth (deciduous?)	40	Deciduous lower canine		Dentition	SK9	Juvenile	5/10/99
BILS 142	Tooth + 23 fragments of bone	40	Permanent upper first molar	Roots not fully developed, + other frags from sieve	Dentition	SK9	Juvenile	5/10/99
BILS 145	Tooth	40	Deciduous upper second molar		Dentition	SK9	Juvenile	5/10/99
BILS 147	Human bones (2 frags)	40	Sacrum	Juvenile sacrum?? could be part of corpus vertebra. plus other fragment	Torso	SK9	Juvenile	6/10/99
BILS 154	Skull fragments (2), one has cut edges	40	Temporal bone Pars squamosa	Other fragment is also skull but (sub?)adult	Head	SK9	Juvenile	1/10/99
BILS 188	Vertebra unidentified	40	Vertebra unidentified Arcus vertebrae	Cervical arcus vertebra. only slightly damaged.	Torso	SK9	Juvenile	5/10/99
BILS 221	Finger/Toe bone	40	Metatarsal bone 1	Both ends missing	Foot	SK9	Juvenile	5/10/99
BILS 253	Clavicle, Rt, juvenile	40	Collar bone	Both ends slightly damaged	Torso	SK9	Juvenile	2/10/99
BILS 261	Radius, juvenile	40	Radius	Both ends missing	Arm	SK9	Juvenile	30/9/99
BILS 262	Rib, juvenile	40	Rib unidentified		Torso	SK9	Juvenile	1/10/99
BILS 268	Mandible, juvenile ± 5 years old. Take X-Ray	40	Lower jaw	Ramus condyle missing; LLm1, LLm2, LLM1 unruptured	Head	SK9	Juvenile	1/10/99
BILS 289	Cheekbone, Rt, juvenile	40	Cheek bone	Almost complete	Head	SK9	Juvenile	2/10/99

Wreck No.	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BLS	291	Rib, juvenile	40	Rib unidentified		Torso	SK9	Juvenile	2/10/99
BLS	292	Rib, juvenile	40	Rib unidentified		Torso	SK9	Juvenile	2/10/99
BLS	293	Thoracic vertebra, juvenile	40	Vertebra unidentified, Arcus vertebrae	Thoracic	Torso	SK9	Juvenile	2/10/99
BLS	295	Vertebra, juvenile	40	Vertebra unidentified Arcus vertebrae	Lumbar?	Torso	SK9	Juvenile	3/10/99
BLS	296	Vertebra	40	Vertebra unidentified Arcus vertebrae		Torso	SK9	Juvenile	3/10/99
BLS	297	Vertebra	40	Vertebra unidentified Arcus vertebrae	Lumbar?	Torso	SK9	Juvenile	3/10/99
BLS	298	Tooth, Canine ? No root.	40	Permanent upper canine	Only crown, root not yet developed	Dentition	SK9	Juvenile	3/10/99
BLS	302	Rib, juvenile	40	Rib unidentified		Torso	SK9	Juvenile	3/10/99
BLS	303	Rib	40	Rib unidentified	Both ends damaged	Torso	SK9	Juvenile	3/10/99
BLS	304	Humerus, juvenile (39, 82) (49, 78)	40	Upper arm bone	Both ends missing	Arm	SK9	Juvenile	3/10/99
BLS	305	Rib frag, juvenile (40, 94,5)	40	Rib unidentified		Torso	SK9	Juvenile	3/10/99
BLS	306	Rib, juvenile	40	Rib unidentified		Torso	SK9	Juvenile	3/10/99
BLS	308	Vertebra, juvenile	40	Vertebra unidentified Arcus vertebrae	Probably lumbar vertebra	Torso	SK9	Juvenile	3/10/99
BLS	309	Rib, juvenile	40	Rib unidentified		Torso	SK9	Juvenile	3/10/99
BLS	310	Rib, juvenile	40	Rib unidentified	11th or 12th rib, both ends slightly damaged	Torso	SK9	Juvenile	3/10/99
BLS	311	Vertebra, juvenile	40	Vertebra unidentified, Arcus vertebra	Thoracic vertebra	Torso	SK9	Juvenile	3/10/99
BLS	317	Skull, juvenile	40	Cranium	Very fragmentary, but partly reconstructed, major bones are present	Head	SK9	Juvenile	3/10/99
BLS	318	Deciduous tooth	40	Deciduous lower canine		Dentition	SK9	Juvenile	3/10/99
BLS	320	Finger/toe bone	40	Middle finger bone unidentified	Especially distal end damaged	Hand	SK9	Juvenile	5/10/99
BLS	321	Human bone (2 frags)	40	Proximal finger bone unidentified	Both ends missing	Hand	SK9	Juvenile	5/10/99
BLS	326	Rib, juvenile	40	Rib unidentified		Torso	SK9	Juvenile	5/10/99
BLS	327	Ulna, juvenile	40	Ulna	Proximal end damaged, distal end missing	Arm	SK9	Juvenile	5/10/99

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Wreck Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS 328	Mandible half, juvenile	40	Lower jaw	Part of ramus missing, RLm1, RLm2, RLM1 unruptured	Head	SK9	Juvenile	5/10/99
BILS 330	Tooth, juvenile/upper molar	40	Deciduous upper first molar		Dentition	SK9	Juvenile	5/10/99
BILS 332	Tibia, juvenils	40	Shin bone	Both ends missing, badly preserved	Leg	SK9	Juvenile	5/10/99
BILS 333	Femur, juvenile	40	Thigh bone	Both ends missing, very badly preserved	Leg	SK9	Juvenile	5/10/99
BILS 334	Tibia, juvenile	40	Shin bone	Both ends missing, very badly preserved	Leg	SK9	Juvenile	5/10/99
BILS 335	Femur, juvenile. For DNA	40	Thigh bone	Very fragile, both ends missing	Leg	SK9	Juvenile	5/10/99
BILS 336	Humerus, juvenile	40	Upper arm bone	Both ends missing, very badly preserved	Arm	SK9	Juvenile	5/10/99
BILS 337	Ulna, juvenile	40	Ulna	Distal end missing	Arm	SK9	Juvenile	5/10/99
BILS 338	Hand/foot bone, juvenile	40	Metacarpal bone 4	+ 2 tiny fragments	Hand	SK9	Juvenile	5/10/99
BILS 348	Tiny finger/Toe bone, juvenile	40	Distal finger bone unidentified		Hand	SK9	Juvenile	6/10/99
BILS 514	Teeth x 3 from SK8	40	Permanent upper first premolar		Dentition	SK9	Adult	10/10/99
BILS 650	Sternum	40	Lower breast bone	1 section of juvenile sternum	Torso	SK9	Juvenile	5/10/99
BILS 811	Human bone	40	Vault region unidentified	8 fragments	Head	SK9	Juvenile	5/10/99
BILS 812	Human bone	40	Occipital bone Pars lateralis		Head	SK9	Juvenile	5/10/99
BILS 813	Human bone	40	Occipital bone Pars lateralis		Head	SK9	Juvenile	5/10/99
BILS 826	Human bone. Ulna, juvenile	40	Ulna	Distal end missing	Arm	SK9	Juvenile	
BILS 850	Human bone	40	Ear ossicle	Incus, malleus & stapes present from left ear SK9	Head	SK9	Juvenile	3/10/99

Wreck	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	10	Carpal bone, pisiform	40	Pisiform bone		Hand	SK10	Adult	30/9/99
BILS	16	Human bone, Scapula ?	40	Shoulder blade	Acromion fragment	Torso	SK10	Adult	3/10/99
BILS	24	Hand/foot bone ?	40	Ulna	Distal part of ulna.	Arm	SK10	Adult	30/9/99
BILS	31	Clavicle, adult left	40	Collar bone	lateral end damaged	Torso	SK10	Adult	30/9/99
BILS	36	Human bone (1 frag); long bone ?	40	Upper arm bone	Small long bone fragment	Long bone	SK10	Adult	1/10/99
BILS	131	Long bone shaft	40	Upper arm bone		Arm	SK10	Adult	3/10/99
BILS	170	Humerus, distal fragment	40	Upper arm bone	Distal condyle (trochlea humeri)	Arm	SK10	Adult	1/10/99
BILS	206	Carpal bone semi-lunar.	40	Lunar bone		Hand	SK10	Adult	1/10/99
BILS	215	Metacarpal	40	Metacarpal bone 4		Hand	SK10	Adult	3/10/99
BILS	216	Sacrum, part	40	Sacrum	Fragment of crista mediana	Hip	SK10	Adult	3/10/99
BILS	217	Sacrum?	40	Sacrum	Proximal dorsal part	Hip	SK10	Adult	3/10/99
BILS	218	Distal part of humerus, adult (3 frags)	40	Upper arm bone	Distal end of humerus (trochlea), plus 2 small fragments	Arm	SK10	Adult	3/10/99
BILS	219	Finger bone (carpal) A	40	Navicular bone	Slightly damaged	Hand	SK10	Adult	3/10/99
BILS	237	Human bone	40	Unidentified	Sacrum/vertebra fragments?	Human unidentified	SK10	Adult	6/10/99
BILS	242	Hand bone	40	Metacarpal bone 1		Hand	SK10	Adult	7/10/99
BILS	390	Carpal bone	40	Proximal finger bone 3		Hand	SK10	Adult	8/10/99
BILS	391	Carpal bone	40	Metacarpal bone 4		Hand	SK10	Adult	8/10/99
BILS	392	Carpal bone	40	Metacarpal bone 3		Hand	SK10	Adult	8/10/99
BILS	393	Carpal bone	40	Proximal finger bone 2		Hand	SK10	Adult	8/10/99
BILS	394	Carpal bone	40	Metacarpal bone 2		Hand	SK10	Adult	8/10/99
BILS	395	Carpal bone	40	Proximal finger bone 4		Hand	SK10	Adult	8/10/99
BILS	396	Carpal bone	40	Distal finger bone 1		Hand	SK10	Adult	8/10/99
BILS	397	Carpal bone	40	Middle finger bone 4		Hand	SK10	Adult	8/10/99
BILS	398	Carpal bone	40	Distal finger bone 3		Hand	SK10	Adult	8/10/99
BILS	399	Carpal bone	40	Middle finger bone 3		Hand	SK10	Adult	8/10/99
BILS	400	Carpal bone	40	Distal finger bone 5		Hand	SK10	Adult	8/10/99
BILS	401	Carpal bone	40	Middle finger bone 2		Hand	SK10	Adult	8/10/99
BILS	402	Carpal bone	40	Middle finger bone 5		Hand	SK10	Adult	8/10/99
BILS	403	Carpal bone	40	Metacarpal bone 5		Hand	SK10	Adult	8/10/99
BILS	404	Carpal bone	40	Proximal finger bone 5		Hand	SK10	Adult	8/10/99
BILS	405	Carpal bone	40	Distal finger bone 4		Hand	SK10	Adult	8/10/99

Wreck	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	406	Tarsal bone A	40	Proximal toe bone 1		Foot	SK10	Adult	7/10/99
BILS	407	Tarsal bone B	40	Distal toe bone 1		Foot	SK10	Adult	7/10/99
BILS	408	Tarsal bone C	40	Proximal toe bone 2		Foot	SK10	Adult	7/10/99
BILS	409	Tarsal bone D	40	Metatarsal bone 4		Foot	SK10	Adult	7/10/99
BILS	410	Tarsal bone E	40	Metatarsal bone 2		Foot	SK10	Adult	7/10/99
BILS	411	Tarsal bone F	40	Metatarsal bone 3		Foot	SK10	Adult	7/10/99
BILS	412	Tarsal bone G	40	lateral cuneiform bone		Foot	SK10	Adult	7/10/99
BILS	419	Finger bone B	40	Capitulum bone	Only slightly damaged	Hand	SK10	Adult	3/10/99
BILS	420	Finger bones (2)	40	Distal finger bone 1	Only slightly damaged	Hand	SK10	Adult	3/10/99
BILS	422	Finger bone	40	Metacarpal bone 3		Hand	SK10	Adult	3/10/99
BILS	470	Tibia ?	40	Thigh bone	In 5 large distorted fragments, mostly broken by pressure of roots, also very straight horizontal fracture line halfway shaft	Leg	SK10	Adult	9/10/99
BILS	487	Phalanges (2), Hand A	40	Metacarpal bone 2	Proximal end damaged	Hand	SK10	Adult	10/10/99
BILS	645	Phalange, Lt foot SK 10	40	Distal toe bone unidentified	Fused with middle toe bone	Foot	SK10	Adult	11/10/99
BILS	646	Phalange, Lt foot, SK 10	40	Proximal toe bone 4		Foot	SK10	Adult	11/10/99
BILS	647	Phalange, Lt foot, SK 10	40	Proximal toe bone 5		Foot	SK10	Adult	11/10/99
BILS	648	Metatarsal, Lt foot, SK 10	40	Metatarsal bone 5		Foot	SK10	Adult	11/10/99
BILS	649	Metatarsal, Lt foot, SK 10	40	Metatarsal bone 1		Foot	SK10	Adult	11/10/99
BILS	651	Tarsal, Lt foot, SK 10	40	Medial cuneiform bone		Foot	SK10	Adult	11/10/99
BILS	652	Tarsal, Lt foot, SK 10	40	Cuboid bone		Foot	SK10	Adult	11/10/99
BILS	653	Tarsal, Lt foot, SK 10	40	Middle cuneiform bone		Foot	SK10	Adult	11/10/99
BILS	654	Tarsal, Lt foot, SK 10	40	Navicular bone		Foot	SK10	Adult	11/10/99
BILS	655	Tarsal, Lt foot, SK 10 (Mixed with 161)	40	Ankle bone	2 fragments	Foot	SK10	Adult	11/10/99
BILS	656	Tibia, SK 10 (For DNA)	40	Shin bone	2 large fragments and some smaller frags. Both ends missing. Bony outgrowth in muscle attachment / foramen nutritium area.	Leg	SK10	Adult	11/10/99
BILS	657	Fibula, SK 10 (For DNA?)	40	Split bone	Distal end missing, proximal end damaged, fresh fracture	Leg	SK10	Adult	11/10/99
BILS	658	Phalange, SK 10	40	Distal toe bone 1	Distal end missing	Foot	SK10	Adult	11/10/99
BILS	659	Phalange, SK 10	40	Proximal toe bone 1	Two fragments	Foot	SK10	Adult	11/10/99

Wreck	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BLS	661	Metatarsal, SK 6	40	Metatarsal bone 5	Both ends missing	Foot	SK10	Adult	11/10/99
BLS	662	Metatarsal, SK 6	40	Metatarsal bone 1	Both ends missing	Foot	SK10	Adult	11/10/99
BLS	663	Fibula, SK 10	40	Shin bone	6 fragments including malleolus medialis	Leg	SK10	Adult	11/10/99
BLS	664	Metacarpal, Hand A	40	Metacarpal bone 1		Hand	SK10	Adult	11/10/99
BLS	668	Phalange SK 10	40	Proximal toe bone unidentified	Both ends missing + small fragment	Foot	SK10	Adult	11/10/99
BLS	669	Phalange SK 10	40	Proximal toe bone unidentified	Both ends missing	Foot	SK10	Adult	11/10/99
BLS	670	Metatarsal, SK 10	40	Metatarsal bone 2	both ends missing	Foot	SK10	Adult	11/10/99
BLS	671	Metatarsal, SK 10	40	Metatarsal bone 3	Both ends missing	Foot	SK10	Adult	11/10/99
BLS	672	Metatarsal, SK 10	40	Metatarsal bone 4	Both ends missing	Foot	SK10	Adult	11/10/99
BLS	730	NW Sieved lump rib cage SK 10	40	Rib unidentified	Lots of (very) small fragments	Torso	SK10	Adult	12/10/99
BLS	731	Rib (on top of lump 238) SK 10	40	Rib unidentified	Small and bigger fragments	Torso	SK10	Adult	12/10/99
BLS	732	Rib (on top of lump 238) SK 10	40	Rib unidentified	Some sizable and many very small fragments	Torso	SK10	Adult	12/10/99
BLS	735	Rib (on top of lump 235) SK 10	40	Rib unidentified	Large unidentifiable fragment	Torso	SK10	Adult	12/10/99
BLS	736	Rib (on top of lump 238) SK 10	40	Rib unidentified		Torso	SK10	Adult	12/10/99
BLS	740	Rib(s) SK 10	40	Rib unidentified	Several small fragments	Torso	SK10	Adult	12/10/99
BLS	741	Rib SK 10	40	Rib unidentified	11th or 12th rib?	Torso	SK10	Adult	12/10/99
BLS	742	Lumbar vertebrae (2) SK 10	40	Vertebra unidentified	Lumbar vertebra	Torso	SK10	Adult	12/10/99
BLS	746	Long bone fragment SK 10	40	Thigh bone	Probably femur, left?	Leg	SK10	Adult	12/10/99
BLS	748	Bone fragment, End of ulna ? SK 10	40	Knee bone	Two small fragments of medial side	Leg	SK10	Adult	12/10/99
BLS	753	Ribs SK 10	40	Rib unidentified	3 fragments of 1 or 2 ribs	Torso	SK10	Adult	12/10/99
BLS	857	Human bone	40	Os sesamoideus		Foot	SK10	Adult	
BLS	858	Human bone	40	Os sesamoideus		Foot	SK10	Adult	
BLS	859	Human bone	40	Tarsal bone unidentified	Lots of fragments, possibly of talus, calcaneus or os cuneiform laterale.	Foot	SK10	Adult	
BLS	860	Human bone	40	Proximal toe bone 3		Foot	SK10	Adult	11/10/99

Wreck	Reg. No.	Preliminary description	Matoo	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	861	Human bone	40	Middle toe bone unidentified		Foot	SK10	Adult	7/10/99
BILS	862	Human bone	40	Middle toe bone unidentified	Probably left. Especially distal end missing.	Foot	SK10	Adult	
BILS	863	Human bone	40	Trapezium bone		Hand	SK10	Adult	
BILS	864	Human bone	40	Trapezoidium bone		Hand	SK10	Adult	
BILS	865	Human bone	40	Proximal finger bone 1.		Hand	SK10	Adult	
BILS	866	Human bone	40	Proximal finger bone unidentified	Prox phalanx 2?	Hand	SK10	Adult	
BILS	872	Human bone	40	Upper arm bone		Arm	SK10	Adult	3/10/99
BILS	880	Human bone	40	Navicular bone		Foot	SK10	Adult	
BILS	881	Human bone	40	Medial cuneiform bone		Foot	SK10	Adult	
BILS	882	Human bone	40	Splint bone	2 fragments of fibula.	Leg	SK10	Adult	
BILS	883	Human bone	40	Triquetrum bone		Hand	SK10	Adult	3/10/99
BILS	888	Human bone	40	Vertebra unidentified	Lumbar vertebra. Only arcus vertebrae	Torso	SK10	Adult	
BILS	889	Human bone	40	Vertebra unidentified	Lots of small vertebra fragments	Torso	SK10	Adult	
BILS	890	Human bone	40	Vertebra unidentified	Probably lumbar vertebra	Torso	SK10	Adult	
BILS	891	Human bone	40	Vertebra unidentified	Probably lumbar vertebra	Torso	SK10	Adult	
BILS	892	Human bone	40	Collar bone	Clavicle fragment??	Torso	SK10	Adult	
BILS	747	Long bone fragment SK 107	40	Unidentified	Probably part of left femur SK10	Long bone	SK107	Adult	12/10/99

Wreck	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	339	Toe bone (tarsal bone), adult	40	Metatarsal bone 3	Distal end damaged	Foot	SK11	Adult	5/10/99
BILS	358	Foot bones (3)	40	Proximal toe bone 1		Foot	SK11	Adult	7/10/99
BILS	378	Human bone fragment, (long bone?)	40	Fib unidentified		Torso	SK11	Adult	8/10/99
BILS	421	Finger bones (4)	40	Proximal finger bone 1		Hand	SK11	Adult	3/10/99
BILS	526	Femur	40	Thigh bone	Distal end damaged, proximal end missing, + 8 fragments	Leg	SK11	Adult	10/10/99
BILS	556	Human bones A	40	Sacrum	3 fragments	Hip	SK11	Adult	12/10/99
BILS	557	Human bones B	40	Vertebra L5		Torso	SK11	Adult	12/10/99
BILS	558	Human bones C	40	Vertebra L4	Only arcus vertebrae	Torso	SK11	Adult	12/10/99
BILS	559	Human bones D	40	Vertebra L3	Only arcus vertebrae	Torso	SK11	Adult	12/10/99
BILS	560	Human bones E	40	Vertebra L2	Only arcus vertebrae	Torso	SK11	Adult	12/10/99
BILS	561	Human bones F	40	Vertebra L1	Only arcus vertebrae	Torso	SK11	Adult	12/10/99
BILS	562	Human bones G	40	Vertebra T12	Only arcus vertebrae	Torso	SK11	Adult	12/10/99
BILS	563	Human bones H	40	Vertebra T11	Very fragmentary, arcus vertebra	Torso	SK11	Adult	12/10/99
BILS	564	Human bones I	40	Vertebra unidentified	4 fragments, thoracic vertebra No. 12?	Torso	SK11	Adult	12/10/99
BILS	565	Human bones J	40	Vertebra unidentified	9 fragments of 3 thoracic vertebrae.	Torso	SK11	Adult	12/10/99
BILS	566	Human bones K	40	Vertebra unidentified	Only arcus vertebrae, thoracic	Torso	SK11	Adult	12/10/99
BILS	567	Human bones L	40	Vertebra unidentified	Corpus fragment only, from thoracic region.	Torso	SK11	Adult	12/10/99
BILS	568	Human bones M	40	Vertebra unidentified	1 corpus vertebrae fragment, 2 arcus vertebrae of 2 thoracic vertebrae, one with beak-like proc. spinosus	Torso	SK11	Adult	12/10/99
BILS	569	Human bones N	40	Vertebra unidentified	Arcus vertebrae only, thoracic vertebra	Torso	SK11	Adult	12/10/99
BILS	570	Human bones O	40	Vertebra unidentified	Fragment (+ smaller frags) of arcus vertebrae, thoracic	Torso	SK11	Adult	12/10/99
BILS	571	Human bones P	40	Vertebra unidentified	Arcus vertebrae only, with smaller fragments.	Torso	SK11	Adult	12/10/99
BILS	572	Human bones Q	40	Vertebra unidentified	Arcus vertebrae fragment, thoracic?	Torso	SK11	Adult	12/10/99
BILS	573	Human bones R	40	Vertebra unidentified	5 small fragments, cervical?	Torso	SK11	Adult	12/10/99

Wreck	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	574	Human bones S SK11	40	Vertebra unidentified	5 fragments, cervical?	Torso	SK11	Adult	12/10/99
BILS	575	Human bones T SK11	40	Vertebra unidentified	2 fragments of arcus vertebrae, cervical	Torso	SK11	Adult	12/10/99
BILS	576	Human bones U SK11	40	Vertebra unidentified	2 fragments of arcus vertebrae, cervical	Torso	SK11	Adult	12/10/99
BILS	577	Human bones V SK11	40	Vertebra unidentified	Left side of arcus vertebrae, cervical	Torso	SK11	Adult	12/10/99
BILS	578	Rib SK11	40	Rib 3	Probably 3rd rib	Torso	SK11	Adult	12/10/99
BILS	579	Rib SK11	40	Rib 2		Torso	SK11	Adult	12/10/99
BILS	580	Rib SK11	40	Rib 1	Two fragments	Torso	SK11	Adult	12/10/99
BILS	581	Clavicle SK11	40	Collar bone	Both ends missing	Torso	SK11	Adult	12/10/99
BILS	582	Scapula SK11	40	Shoulder blade	Both ends missing	Torso	SK11	Adult	12/10/99
BILS	589	Hand bones SK11?	40	Distal finger bone 1	large, 3 small fragments*	Hand	SK11	Adult	12/10/99
BILS	594	Phalange	40	Proximal toe bone 1		Foot	SK11	Adult	11/10/99
BILS	595	Metatarsal Lt foot SK 11	40	Metatarsal bone 1	3 fragments	Foot	SK11	Adult	11/10/99
BILS	596	Metatarsal Lt Foot SK 11	40	Metatarsal bone 2	Both ends missing	Foot	SK11	Adult	11/10/99
BILS	597	Metatarsal Lt Foot SK 11	40	Metatarsal bone 3	Both ends missing/damaged	Foot	SK11	Adult	11/10/99
BILS	598	Metatarsal Lt Foot SK 11	40	Metatarsal bone 4	Both ends missing/damaged	Foot	SK11	Adult	11/10/99
BILS	599	Metatarsal Lt Foot SK 11	40	Metatarsal bone 5	Distal end damaged	Foot	SK11	Adult	11/10/99
BILS	600	Tarsal A Lt Foot SK 11	40	Ankle bone unidentified	Os cuneiforme mediale according to position	Foot	SK11	Adult	11/10/99
BILS	601	Tarsal B Lt Foot SK 11	40	Ankle bone unidentified	Unidentifiable fragments; os cuneiforme intermedium according to position	Foot	SK11	Adult	11/10/99
BILS	602	Tarsal C Lt Foot SK 11	40	Ankle bone unidentified	Unidentifiable fragment; os cuneiforme laterale according to position	Foot	SK11	Adult	11/10/99
BILS	603	Tarsal D Lt Foot SK 11	40	Navicular bone		Foot	SK11	Adult	11/10/99
BILS	604	Tarsal E Lt Foot SK 11	40	Ankle bone	Small fragments of talus	Foot	SK11	Adult	11/10/99
BILS	605	Tarsal F Lt Foot (Talus) SK 11	40	Ankle bone unidentified	3 fragments; os cuboideum according to position	Foot	SK11	Adult	11/10/99
BILS	606	Tarsal G Lt Foot (Calcaneus) SK 11	40	Heel bone	3 fragments of calcaneus	Foot	SK11	Adult	11/10/99
BILS	607	Toia Lt Leg SK 11	40	Shin bone	Both ends missing, + fragments	Leg	SK11	Adult	11/10/99
BILS	608	Fibula Lt leg SK 11	40	Splint bone	Proximal end missing, distal end damaged, plus fragment	Leg	SK11	Adult	11/10/99

Wreck	Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS	609	Phalange, Rt foot SK 11	40	Proximal toe bone unidentified.	Proximal end damaged	Foot	SK11	Adult	11/10/99
BILS	610	Phalange, Rt foot SK 11	40	Proximal toe bone unidentified.		Foot	SK11	Adult	11/10/99
BILS	611	Phalange, Rt foot SK 11	40	Proximal toe bone unidentified.	Proximal end damaged	Foot	SK11	Adult	11/10/99
BILS	612	Metatarsal, Rt foot SK 11	40	Metatarsal bone 3	3 fragments	Foot	SK11	Adult	11/10/99
BILS	613	Metatarsal, Rt foot SK 11	40	Metatarsal bone 2		Foot	SK11	Adult	11/10/99
BILS	616	Tarsal A, Rt foot SK 11	40	Navicular bone		Foot	SK11	Adult	11/10/99
BILS	617	Tarsal B, Rt foot SK 11	40	Tarsal bone unidentified.		Foot	SK11	Adult	11/10/99
BILS	618	Tarsal C, Rt foot SK 11	40	Tarsal bone unidentified.	Talus?	Foot	SK11	Adult	11/10/99
BILS	619	Tarsal D, Rt foot SK 11	40	Tarsal bone unidentified.	Os cuboideum?	Foot	SK11	Adult	11/10/99
BILS	620	Tarsal E, Rt foot SK 11	40	Tarsal bone unidentified.	Calcaneum?	Foot	SK11	Adult	11/10/99
BILS	622	Patella, L leg SK11	40	Knee bone		Leg	SK11	Adult	11/10/99
BILS	624	Rib, SK 11	40	Rib 2	In three fragments fitting together; green staining at sternal end	Torso	SK11	Adult	11/10/99
BILS	625	Rib, SK 11	40	Rib 3	In two fragments fitting together	Torso	SK11	Adult	11/10/99
BILS	626	Rib, SK 11	40	Rib 4	Both ends damaged, bright green stain	Torso	SK11	Adult	11/10/99
BILS	627	Rib, SK 11	40	Rib 5	In 4 large and many small fragments, green staining	Torso	SK11	Adult	11/10/99
BILS	628	Rib, SK 11	40	Rib 6	In 4 large fragments fitting together	Torso	SK11	Adult	11/10/99
BILS	629	Rib, SK 11	40	Rib 7	Both ends missing	Torso	SK11	Adult	11/10/99
BILS	630	Rib, SK 11	40	Rib 8	Especially distal end damaged	Torso	SK11	Adult	11/10/99
BILS	631	Rib, SK 11	40	Rib 9	Both ends missing	Torso	SK11	Adult	11/10/99
BILS	632	Rib, SK 11	40	Rib unidentified	Distal end	Torso	SK11	Adult	11/10/99
BILS	633	Rib, SK 11	40	Rib unidentified	Distal end	Torso	SK11	Adult	11/10/99
BILS	634	Rib, SK 11	40	Rib unidentified		Torso	SK11	Adult	11/10/99
BILS	635	Rib, SK 11	40	Rib unidentified	2 fragments fitting together	Torso	SK11	Adult	11/10/99
BILS	636	Humerus, SK 11	40	Upper arm bone	Proximal end missing, distal end damaged	Arm	SK11	Adult	11/10/99
BILS	637	Ulna, SK 11	40	Ulna	Distal end missing, green stains halfway and towards distal end; pathological lump on shaft?	Arm	SK11	Adult	11/10/99

Wreck Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS 638	Radius, SK 11	40	Radius	Distal end missing	Arm	SK11	Adult	11/10/99
BILS 639	Rib, SK 11 (Underneath last southern Lt. ribs)	40	Rib 10	3 fragments fitting together	Torso	SK11	Adult	11/10/99
BILS 640	Rib, SK 11 (Underneath last southern Lt. ribs)	40	Rib 11	Both ends missing	Torso	SK11	Adult	11/10/99
BILS 641	Rib, SK 11	40	Rib 1	Both ends missing	Torso	SK11	Adult	11/10/99
BILS 642	Clavicle, SK 11	40	Collar bone	Lateral end missing, medial end damaged	Torso	SK11	Adult	11/10/99
BILS 643	Scapula, SK 11	40	Shoulder blade	Plus small fragments, green staining on distal end.	Torso	SK11	Adult	11/10/99
BILS 660	Phalange, SK 10	40	Distal finger bone 1	Slightly damaged at proximal end.	Hand	SK11	Adult	11/10/99
BILS 673	Tibia, SK ?	40	Shin bone	Tibia in 4 large and 2 small fragments.	Leg	SK11	Adult	11/10/99
BILS 675	Phalange, Hand B	40	Distal finger bone 4	Longitudinally cracked with sand in the cracks - perimortem?	Hand	SK11	Adult	11/10/99
BILS 676	Phalange, Hand B	40	Distal finger bone 5		Hand	SK11	Adult	11/10/99
BILS 677	Phalange, Hand B	40	Middle finger bone 5		Hand	SK11	Adult	11/10/99
BILS 678	Phalange, Hand B	40	Proximal finger bone 5	Proximal end missing.	Hand	SK11	Adult	11/10/99
BILS 679	Phalange, Hand B	40	Middle finger bone 4		Hand	SK11	Adult	11/10/99
BILS 681	Phalange, Hand B	40	Proximal finger bone 4	proximal end missing.	Hand	SK11	Adult	11/10/99
BILS 682	Phalange, Hand B	40	Middle finger bone 3		Hand	SK11	Adult	11/10/99
BILS 683	Phalange, Hand B	40	Proximal finger bone 3	Proximal end missing.	Hand	SK11	Adult	11/10/99
BILS 685	Metacarpals, Hand B	40	Metacarpal bone 2	Both ends missing	Hand	SK11	Adult	11/10/99
BILS 686	Metacarpals, Hand B	40	Metacarpal bone 1	Proximal end slightly damaged	Hand	SK11	Adult	11/10/99
BILS 687	Metacarpals, Hand B	40	Trapezium bone		Hand	SK11	Adult	11/10/99
BILS 688	Carpal, Hand B	40	Navicular bone	Plus small fragment	Hand	SK11	Adult	11/10/99
BILS 691	Metacarpal, Hand B	40	Metacarpal bone 3	Both ends missing	Hand	SK11	Adult	11/10/99
BILS 692	Metacarpal, Hand B	40	Metacarpal bone 4	Both ends missing	Hand	SK11	Adult	11/10/99
BILS 693	Metacarpal, Hand B	40	Metacarpal bone 5	Both ends missing	Hand	SK11	Adult	11/10/99
BILS 694	Carpals x 4, Hand B	40	Lunar bone		Hand	SK11	Adult	11/10/99
BILS 716	Clean up vertebral column, SK 11	40	Rib unidentified	Lots of small rib fragments	Torso	SK11	Adult	12/10/99
BILS 744	Pelvis fragments SK 11	40	Pelvic bone		Hip	SK11	Adult	12/10/99
BILS 745	Pelvis fragments SK 11	40	Pelvic bone		Hip	SK11	Adult	12/10/99

Wreck	Reg. No.	Preliminary description	Misco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BLS	784	Human bone	40	Radius	Distal end	Arm	SK11	Adult	21/2/2001
BLS	838	Human bone	40	Proximal finger bone 1		Hand	SK11	Adult	12/10/99
BLS	839	Human bone	40	Proximal finger bone	Proximal end missing	Hand	SK11	Adult	12/10/99
BLS	840	Human bone	40	Proximal finger bone	Proximal end missing	Hand	SK11	Adult	12/10/99
BLS	841	Human bone	40	Proximal finger bone	Proximal end missing	Hand	SK11	Adult	12/10/99
BLS	842	Human bone	40	Middle finger bone		Hand	SK11	Adult	12/10/99
BLS	843	Human bone	40	Navicular bone		Hand	SK11	Adult	12/10/99
BLS	844	Human bone	40	Lunar bone		Hand	SK11	Adult	12/10/99
BLS	845	Human bone	40	Vertebra L5		Torso	SK11	Adult	
BLS	846	Human bone	40	Rib unidentified		Torso	SK11	Adult	
BLS	847	Human bone	40	Rib unidentified		Torso	SK11	Adult	
BLS	848	Human bone	40	Shoulder blade	2 small fragments	Torso	SK11	Adult	
BLS	852	Human bone	40	Vertebra unidentified	Small fragments	Torso	SK11	Adult	
BLS	853	Human bone	40	Triquetrum bone		Hand	SK11	Adult	
BLS	854	Human bone	40	Hamatum bone		Hand	SK11	Adult	
BLS	855	Human bone	40	Capitulum bone		Hand	SK11	Adult	
BLS	867	Human bone	40	Pisiform bone		Hand	SK11	Adult	
BLS	868	Human bone	40	Distal toe bone 1		Foot	SK11	Adult	7/10/99
BLS	869	Human bone	40	Proximal toe bone		Foot	SK11	Adult	7/10/99
BLS	884	Human bone	40	Proximal finger bone 2		Hand	SK11	Adult	3/10/99
BLS	885	Human bone	40	Middle finger bone 2		Hand	SK11	Adult	3/10/99
BLS	886	Human bone	40	Distal finger bone 3		Hand	SK11	Adult	3/10/99
BLS	894	Human bone	40	Metacarpal bone 1	Proximal end missing	Hand	SK11	Adult	
BLS	895	Human bone	40	Metacarpal bone 3	Both ends missing	Hand	SK11	Adult	
BLS	896	Human bone	40	Metacarpal bone 5	Both ends missing/damaged	Hand	SK11	Adult	
BLS	897	Human bone	40	Metacarpal bone 2	Both ends missing/damaged	Hand	SK11	Adult	
BLS	898	Human bone	40	Metacarpal bone 4	3 fragments, L metacarpal 47	Hand	SK11	Adult	
BLS	899	Human bone	40	Hamatum bone		Hand	SK11	Adult	
BLS	900	Human bone	40	Trapezoidium bone	Only slightly damaged	Hand	SK11	Adult	
BLS	901	Human bone	40	Triquetrum bone	Only slightly damaged	Hand	SK11	Adult	
BLS	902	Human bone	40	Trapezium bone	2 fragments	Hand	SK11	Adult	

Wreck Reg. No.	Preliminary description	Matco	Bone description	Detailed description	Body part	Individual	Age Class	Date
BILS 914	Tooth, Deciduous upper first molar, [#5A]	40	Deciduous upper first molar		Dentition	SK12	Juvenile	25/2/2001
BILS 917	Tooth, Deciduous lower second molar, [#85]	40	Deciduous lower second molar		Dentition	SK12	Juvenile	25/2/2001
BILS 918	Tooth, Permanent lower first molar, [#35]	40	Permanent lower first molar	Crown not fully developed	Dentition	SK12	Juvenile	25/2/2001
BILS 919	Tooth, Deciduous lower first molar	40	Deciduous lower first molar		Dentition	SK12	Juvenile	25/2/2001
BILS 920	Tooth, Deciduous lower canine, [# 53]	40	Deciduous lower canine		Dentition	SK12	Juvenile	25/2/2001
BILS 921	Tooth, Deciduous lower first molar, [#84]	40	Deciduous lower first molar		Dentition	SK12	Juvenile	25/2/2001
BILS 922	Tooth, Deciduous lower second molar, [#75]	40	Deciduous lower second molar		Dentition	SK12	Juvenile	25/2/2001
BILS 923	Tooth, Permanent upper first molar, [#26]	40	Permanent upper first molar	Not fully developed	Dentition	SK12	Juvenile	25/2/2001
BILS 924	Tooth, Deciduous upper second molar, [#55]	40	Deciduous upper second molar		Dentition	SK12	Juvenile	25/2/2001
BILS 925	Tooth, Deciduous upper canine, [#83]	40	Deciduous upper canine		Dentition	SK12	Juvenile	25/2/2001
BILS 926	Tooth, Deciduous upper lateral incisor, [#52]	40	Deciduous upper lateral incisor		Dentition	SK12	Juvenile	25/2/2001
BILS 927	Tooth, Deciduous upper central incisor, [#51]	40	Deciduous upper central incisor		Dentition	SK12	Juvenile	25/2/2001
BILS 928	Tooth, Deciduous upper central incisor, [#61]	40	Deciduous upper central incisor		Dentition	SK12	Juvenile	25/2/2001
BILS 929	Tooth, Deciduous upper lateral incisor, [#62]	40	Deciduous upper lateral incisor		Dentition	SK12	Juvenile	25/2/2001
BILS 930	Tooth, Deciduous upper canine, [#53]	40	Deciduous upper canine		Dentition	SK12	Juvenile	25/2/2001
BILS 931	Tooth, Deciduous upper first molar, [#64]	40	Deciduous upper first molar		Dentition	SK12	Juvenile	25/2/2001
BILS 932	Tooth, Deciduous upper second molar, [# 65]	40	Deciduous upper second molar		Dentition	SK12	Juvenile	25/2/2001
BILS 933	Tooth	40	Unidentified	Possibly fragment of root	Dentition	SK12	Unidentified	25/2/2001

**E. Previously allocated *Zuytdorp* coins**



ANCODS 2002: Zuytdorp coins												
Key CWB = Commonwealth, NL = Netherlands, NL-RCC = Netherlands Royal Cabinet of Coins, Obv. = Obverse, Rev. = Reverse, Dav. = Davenport, Del. = Delarmonite, Yr. = Year												
IP = Poor, F = Fine, G = Good, VG = Very Good, VF = Very Fine, VP = Very Poor, VVP = Very Very Poor, PA = Parallel Axis, RA = Reverse Axis												
WRE	REG #	COIN	# COINS	COUNTRY	PROVINCE	AUTHORITY / MINT MARK	DATE	WT. (g)	COND.	CAT.	COMMENTS	ANCODES
ZT	5142	Eight Reales	1	Spanish America	Mexico	Philip V	c. 1709	26.62 G		T/o Yr 560	Silver 93%	QAW
ZT	5143	Eight Reales	1	Spanish America	Mexico	Philip V	c. 1708	25.53 G		T/o Yr 560	Silver 93%	QAW
ZT	5144	Eight Reales	1	Spanish America	Mexico	Philip V	c. 1708	24.38 G		T/o Yr 560	Silver 93%	QAW
ZT	5145	Eight Reales	1	Spanish America	Mexico	Philip V	c. 1708	22.98 G		T/o Yr 560	Silver 93%	QAW
ZT	5146	Eight Reales	1	Spanish America	Mexico	Philip V	c. 1708	25.15 G		T/o Yr 560	Silver 93%	QAW
ZT	5147	Eight Reales	1	Spanish America	Mexico	Philip V	c. 1708	26.7 VG		T/o Yr 560	Silver 93%	QAW
ZT	5148	Eight Reales	1	Spanish America	Mexico	Philip V	c. 1708	192 P		C/R Husch 7	Middelburg Mint in Zeeland Parallel Axis	QAW
ZT	101-200	Two Stuivers	100	United Netherlands	Zeeland	Middelburg Tower	1711			De Vries 76	Crowned Lion w/ sword Ag 58.3 % Cu 41.7%	QAW
ZT	901-1000	Two Stuivers	100	United Netherlands	Zeeland	Middelburg Tower	1711	129 P		C/R Husch 7	Middelburg Mint in Zeeland Reverse axis	QAW
ZT	1801-1700	Two Stuivers	100	United Netherlands	Zeeland	Middelburg Tower	1711	145 F		De Vries 76	Crowned Lion w/ sword Ag 58.3 % Cu 41.7%	QAW
ZT	2101-2400	Two Stuivers	100	United Netherlands	Zeeland	Middelburg Tower	1711	147 F		C/R Husch 7	Middelburg Mint in Zeeland Parallel Axis	QAW
ZT	3301-3400	Six Stuivers	100	United Netherlands	Zeeland	Middelburg Tower	1711	400.5 P		De Vries 76	Crowned Lion w/ sword Ag 58.3 % Cu 41.7%	QAW
ZT	3701-3800	Two Stuivers	100	United Netherlands	Zeeland	Middelburg Tower	1711	404 P		C/R Husch 7	Middelburg Mint in Zeeland Parallel Axis	QAW
ZT	4301-4400	Six Stuivers	100	United Netherlands	Zeeland	Middelburg Tower	1711	446 F		Vries 72	Lion w/ Liberty Hat on Lion w/ Liberty hat on Spear Ag 58.3 % Cu 41.7%	QAW
ZT	4501-4600	Six Stuivers	100	United Netherlands	Zeeland	Middelburg Tower	1711	445.5 F		C/R Husch 7	Middelburg Mint in Zeeland Reverse axis	QAW
ZT	4901-4950	Six Stuivers	50	United Netherlands	Zeeland	Middelburg Tower	1711	227 F		De Vries 76	Hot Scheffingen Reverse Axis Ag 58.3 % Cu 41.7%	QAW
ZT	5103	Ducatione	1	United Netherlands	Brabant	Philip IV	c. 1630	27.57 P		De Vries 76	Hot Scheffingen Reverse axis Ag 58.3 % Cu 41.7%	QAW
ZT	5104	Ducatione	1	United Netherlands	Brabant	Philip IV	c. 1630	22.59 P		Dav. 4444	Silver 93%	QAW
ZT	5110	Eight Reales	1	Spanish America	Mexico	Philip V	c. 1780	24.83 F		Yr 560	Long type Silver 93%	QAW
ZT	5115	Ducatione	1	Spanish Netherlands	Brabant	Philip IV	c. 1830	28.7 P		Dav. 4444	Silver 93%	QAW
ZT	5117	Ducatione	1	Spanish Netherlands	Brabant	Charles II	1673	27.89 VP		Dav. 4475	Silver 93%	QAW
ZT	5121	Ducatione (Silver Refert)	1	United Netherlands	Geierland	Estates General	c. 1660	25.48 VP		Dav. 4923	Silver 93%	QAW
ZT	5133	Eight Reales	1	Spanish America	Mexico	Philip V	c. 1708	21.68 F		T/o Yr 560	Silver 93%	QAW
ZT	5134	Eight Reales	1	Spanish America	Mexico	Philip V	c. 1708	26.08 F		T/o Yr 560	Square type 3 Fleur de Lis Silver 93%	QAW
ZT	5160	Eight Reales	1	Spanish America	Mexico	Philip IV	c. 1652	25.76 VG		T/o Yr 526	Silver 93%	QAW
ZT	5178	Eight Reales	1	Spanish America	Mexico	Philip V	c. 1708	26.34 VG		T/o Yr 560	Long Type Silver 93%	QAW
ZT	5178	Two Reales	1	Spanish America	Mexico	Philip V	c. 1708	4.78 G		T/o Yr 560	Silver 93%	QAW

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WRE	REG #	COIN	# COINS	COUNTRY	PROVINCE	AUTHORITY /	MINT MARK	DATE	WT. (g)	COND.	CAT.	COMMENTS	ANCOIDS
ZT	5178	Two Reales	1	Spanish America	Mexico	Philip V	oM J	c. 1708	4.66 P		Tro. Yr 560	Silver 93%	OW
ZT	5189	Four Reales	1	Spanish America	Mexico	Philip V		c. 1708	12.31 P		Tro. Yr 560	Silver 93%	OW
ZT	5190	Four Reales	1	Spanish America	Mexico	Philip V		c. 1708	11.24 P		Tro. Yr 560	3 Fleur de Lis Silver 93%	OW
ZT	5194	Four Reales	1	Spanish America	Mexico	Philip V		c. 1708	8.84 P		Tro. Yr 560	Silver 93%	OW
ZT	5198	Four Reales	1	Spanish America	Mexico	Philip V		c. 1708	8.57 VP		Tro. Yr 560	Silver 93%	OW
ZT	5200	Four Reales	1	Spanish America	Mexico	Philip V		c. 1708	11.27 VP		Tro. Yr 560	Silver 93%	OW
ZT	5202	Four Reales	1	Spanish America	Mexico	Philip V		c. 1708	12.81 VP		Tro. Yr 560	Silver 93%	OW
ZT	7640-7664	Six Stuivers	25	United Netherlands	Zeeland	Estates General	Middelburg Castle	1711	1.06 F		De Vries # 72	Reverse axis. Die break below shield Reverse stages of oxidation. Silver 98.35% Cu, 41.7%	OW
ZT	10637-10736	Six Stuivers	100	United Netherlands	Zeeland	Estates General	Middelburg Castle	1711	4.96 F		De Vries # 72	Reverse axis. Silver 98.3% Cu 41.7%	OW
ZT	5137	Eight Reales	1	Spanish America	Mexico	Philip IV	oM	163(7)	20.63 AG		Tro. Yr 560	Silver 93%	NL
ZT	5138	Eight Reales	1	Spanish America	Mexico	Philip V	oM	c. 1700	26.66 AG		Tro. Yr 560	Silver 93%	NL
ZT	5139	Eight Reales	1	Spanish America	Mexico	Philip V	oM	c. 1708	12.82 P		Tro. Yr 560	Silver 93%	NL
ZT	5148	Eight Reales	1	Spanish America	Mexico	Philip V		c. 1708	34.9 P		Tro. Yr 560	Silver 93%	NL
ZT	5154	Eight Reales	1	Spanish America	Mexico	Philip V		c. 1708	18.19 VP		Tro. Yr 560	Long Type Silver 93%	NL
ZT	1-100	Two Stuivers	100	United Netherlands	Zeeland	Estates General	Middelburg Tower	1711	1.92 P		C.R.Huuch ? De Vries 76	Middelburg Mint in Zeeland Parallel Axis Crowned Lion w/ sword Ag 98.3 % Cu 41.7%	NL
ZT	1001-1100	Two Stuivers	100	United Netherlands	Zeeland	Estates General	Middelburg Tower	1711	1.30 P		C.R.Huuch ? De Vries 76	Middelburg Mint in Zeeland Reverse Axis Crowned Lion w/ sword Ag 98.3 % Cu 41.7%	NL
ZT	1501-1600	Two Stuivers	100	United Netherlands	Zeeland	Estates General	Middelburg Tower	1711	1.45 F		C.R.Huuch ? De Vries 76	Middelburg Mint in Zeeland Parallel Axis Crowned Lion w/ sword Ag 98.3 % Cu 41.7%	NL
ZT	2201-2300	Two Stuivers	100	United Netherlands	Zeeland	Estates General	Middelburg Tower	1711	148.5 F		C.R.Huuch ? De Vries 76	Middelburg Mint in Zeeland Reverse Axis Crowned Lion w/ sword Ag 98.3 % Cu 41.7%	NL
ZT	3201-3300	Six Stuivers	100	United Netherlands	Zeeland	Estates General	Middelburg Tower	1711	389 P		C.R.Huuch ? De Vries 76	Middelburg Mint in Zeeland Parallel Axis Lion w/ Liberty hat on Spear Ag 98.3 % Cu 41.7%	NL
ZT	3801-3900	Six Stuivers	100	United Netherlands	Zeeland	Estates General	Middelburg Tower	1711	404.5 P		C.R.Huuch ? Vries 72	Middelburg Mint in Zeeland Reverse axis Lion w/ Liberty hat on Spear Ag 98.3 % Cu 41.7%	NL
ZT	4201-4300	Six Stuivers	100	United Netherlands	Zeeland	Estates General	Middelburg Tower	1711	444 P		De Vries 76	Hot Schellingen Parallel Axis Ag 98.3 % Cu 41.7%	NL
ZT	4601-4700	Six Stuivers	100	United Netherlands	Zeeland	Estates General	Middelburg Tower	1711	448.5 F		C.R.Huuch ? De Vries 76	Hot Schellingen Reverse axis Ag 98.3 % Cu 41.7%	NL
ZT	5102	Ducatoon	1	United Netherlands	Brabant	Philip IV		1680	25.94 AG Berr		Day 4457	Silver 93%	NL
ZT	5108	Ducatoon	1	United Netherlands	Brabant	Philip IV		c. 1630	26.7 P		Day 4444	Silver 93%	NL
ZT	5107	Eight Reales	1	Spanish America	Mexico	Philip V		c. 1780	25.69 G		Yr 500	Silver 93%	NL
ZT	5120	Ducatoon (1680)	1	United Netherlands	Capitainer	Philips General		c. 1680	25.25 VP		Day 4823	Silver 93%	NL

ANCODS 2002: Zuytdorp coins													
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P = Poor, F = Fair, G = Good, VG = Very Good, VF = Very Fine, VP = Very Poor, VVP = Very Very Poor, PA = Parallel Axis, RA = Reverse Axis													
WFE	REG #	COIN	# COINS	COUNTRY	PROVINCE	AUTHORITY / RULER	MINT MARK	DATE	WT. (g)	CONO.	CAT.	COMMENTS	ANCODS
ZT	5123	Ducatoon (Silver Rider)	1	United Netherlands	Zeeland	Estates General		c 1650	23.19	VP	Dav. 4342	Silver 93%	NL
ZT	5125	Ducatoon	1	Spanish Netherlands	Brabant	Philip IV		9 1631	26.59	P	Dav. 4444	Large Rufi Collar Silver 83%	NL
ZT	5135	Eight Reales	1	Spanish America	Mexico	Philip V	GM	c 1708	25.47	G	T/o Yr 560	Silver 93%	NL
ZT	5155	Eight Reales	1	Spanish America	Mexico	Philip V		c 1708	23.32	VG	T/o Yr 560	Long type 3 Fleur de Lis Silver 93%	NL
ZT	5157	Eight Reales	1	Spanish America	Mexico	Philip V		c 1708	24.78	VG	T/o Yr 560	Square Type Silver 93%	NL
ZT	5158	Eight Reales	1	Spanish America	Mexico	Philip V		c 1708	23.18	VG	T/o Yr 560	Silver 93%	NL
ZT	5161	Eight Reales	1	Spanish America	Mexico	Philip V	GM J	c 1708	26.06	F	T/o Yr 560	Silver 93%	NL
ZT	5162	Eight Reales	1	Spanish America	Mexico	Philip V		c 1708	17.03	P	T/o Yr 560	Long Type Silver 95%	NL
ZT	5165	Eight Reales	1	Spanish America	Mexico	Philip V		c 1708	24.48	VF	T/o Yr 560	Long Type 3 Fleur de Lis Silver 93%	NL
ZT	5168	Eight Reales	1	Spanish America	Mexico	Philip V		c 1708	15.33	VP	T/o Yr 560	Silver 93%	NL
ZT	5171	Eight Reales	1	Spanish America	Mexico	Philip V	B	c 1708	22.28	P	T/o Yr 560	Chunky 3 Fleur de Lis (B radii) Silver 93%	NL
ZT	5173	Eight Reales	1	Spanish America	Mexico	Philip IV		c 1652	26.88	G Bent	T/o Yr 560	Silver 93%	NL
ZT	5174	Eight Reales	1	Spanish America	Mexico	Philip V		c 1708	21.17	VP	T/o Yr 560	Silver 93%	NL
ZT	5182	Two Reales	1	Spanish America	Mexico	Philip V		c 1708	4.83	P	T/o Yr 560	Silver 93%	NL
ZT	5183	Two Reales	1	Spanish America	Mexico	Philip V		c 1708	5.12	P	T/o Yr 560	Silver 93%	NL
ZT	5185	Four Reales	1	Spanish America	Mexico	Philip V		c 1708	9.84	VP	T/o Yr 560	Silver 93%	NL
ZT	5187	Four Reales	1	Spanish America	Mexico	Philip V		c 1708	8.88	VP	T/o Yr 560	Silver 93%	NL
ZT	5197	Four Reales	1	Spanish America	Mexico	Philip V		c 1708	8.93	VP	T/o Yr 560	Silver 93%	NL
ZT	5198	Four Reales	1	Spanish America	Mexico	Philip V		c 1708	7.32	P	T/o Yr 560	Silver 93%	NL
ZT	5955-5954	Six Stuivers	100	United Netherlands	Zeeland	Estates General	Tower	1711	4.11	F	De Vries # 76	Hot Schellingem Parallel axis Silver 58.3% Cu 41.7%	NL
ZT	6105-6154	Six Stuivers	50	United Netherlands	Zeeland	Estates General	Tower	1711	22.3	VF	De Vries # 72	Parallel axis Silver 58.3%Cu 41.7%	NL
ZT	10272	Two Stuivers	1	United Netherlands	Zeeland	Estates General	Tower	1706	1.6	P	De Vries # 72	Diff date Silver 58.3%Cu 41.7%	NL
ZT	10273-10274	Two Stuivers	2	United Netherlands	Zeeland	Estates General	Tower	1708	3.4	VG	De Vries # 72	Diff Date Silver 58.3%Cu 41.7%	NL
ZT	10751-10769	Six Stuivers	19	United Netherlands	Zeeland	Estates General	Middelburg Castle	1711	8.3	F	De Vries # 72	Reverse axis Silver 58.3%Cu 41.7%	NL
ZT	10804	Two Stuivers	1	United Netherlands	Zeeland	Estates General	Middelburg Castle	1711	1.515	F	De Vries # 78	Parallel axis Presented to Royal Cabinet of Coins at the Hague in the Netherlands Silver 58.3%Cu 41.7%	NL-RCC
ZT	10805	Two Stuivers	1	United Netherlands	Zeeland	Estates General	Middelburg Castle	1711	1.54	F	De Vries # 76	Netherlands Silver 58.3%Cu 41.7% Parallel axis Presented to Royal Cabinet of Coins at the Hague in the Netherlands Silver 58.3%Cu 41.7%	NL-RCC
ZT	10806	Two Stuivers	1	United Netherlands	Zeeland	Estates General	Middelburg Castle	1711	1.455	VF	De Vries # 76	Netherlands Silver 58.3% Cu 41.7% Reverse axis Presented to Royal Cabinet of Coins at the Hague in the Netherlands Silver 58.3% Cu 41.7%	NL-RCC
ZT	10807	Two Stuivers	1	United Netherlands	Zeeland	Estates General	Middelburg Castle	1711	1.555	F	De Vries # 72	Reverse axis Royal Cabinet of Coins at the Hague in the Netherlands Silver 58.3% Cu 41.7%	NL-RCC
ZT	10808	Six Stuivers	1	United Netherlands	Zeeland	Estates General	Middelburg Castle	1711	4.445	F	De Vries # 72	Parallel axis Royal Cabinet of Coins at the Hague in the Netherlands Silver 58.3%Cu 41.7%	NL-RCC

ANCODS 2002: Zuytdorp coins													
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YR	REG #	COIN	# COINS	COUNTRY	PROVINCE	AUTHORITY / RULER	MINT MARK	DATE	WT. (g)	COMB.	CAT.	COMMENTS	ANCODS
ZT	10809	Six Stuivers	1	United Netherlands	Zeeland	Estates General	Middelburg Castle	1711	4.68 F		De Vries # 72	Parallel axis. Royal Cabinet of Coins at the Hague in the Netherlands. Silver 50.2% Cu 41.7%	NL-RCC
ZT	10810	Six Stuivers	1	United Netherlands	Zeeland	Estates General	Middelburg Castle	1711	4.685 F		De Vries # 72	Reverse axis. Royal Cabinet of Coins at the Hague in the Netherlands. Silver 55.35% Cu 41.7%	NL-RCC
ZT	10811	Six Stuivers	1	United Netherlands	Zeeland	Estates General	Middelburg Castle	1711	4.715 P		De Vries # 72	Reverse axis. Royal Cabinet of Coins at the Hague in the Netherlands. Silver 58.3% Cu 41.7%	NL-RCC
ZT	5140	Eight Reales	1	Spanish America	Mexico	Philip V	nM J	(1710)	24.18 VG		Tro Yr 561	Ensayador - J. Jose-Esteban Leon 7 175 Silver 93%	WA
ZT	5141	Eight Reales	1	Spanish America	Mexico	Philip V		c. 1708	21.68 VG		Tro Yr 560	Silver 93%	WA
ZT	5143	Eight Reales	1	Spanish America	Mexico	Philip V		c. 1706	25.51 VG		Tro Yr 560	Silver 93%	WA
ZT	5150	Eight Reales	1	Spanish America	Mexico	Philip V		c. 1706	22.7 P		Tro Yr 560	Silver 93%	WA
ZT	5153	Eight Reales	1	Spanish America	Mexico	Philip V		c. 1706	16.00 VP		Tro Yr 560	Silver 93%	WA
ZT	2601-2700	Two Stuivers	100	United Netherlands	Zeeland	Estates General	Middelburg Tower	1711	1.45 P		C.R.Huuch 7 De Vries 76	Middelburg Mint in Zeeland Reverse axis Crowned Lion w/ sword (includes old rev 30.6-98 (incl.) Ag 58.3% Cu 41.7%)	WA
ZT	2901-3000	Two Stuivers	100	United Netherlands	Zeeland	Estates General	Middelburg Tower	1711	1.80 VF		C.R.Huuch 7 De Vries 76	Middelburg Mint in Zeeland Parallel Axis Crowned Lion w/ sword Ag 58.3% Cu 41.7%	WA
ZT	3101-3200	Two Stuivers	100	United Netherlands	Zeeland	Estates General	Middelburg Tower	1711	1.51 VF		C.R.Huuch 7 De Vries 76	Middelburg Mint in Zeeland Reverse axis Ag 58.3% Cu 41.7%	WA
ZT	4801-4850	Six Stuivers	50	United Netherlands	Zeeland	Estates General	Middelburg Tower	1711	221 P		C.R.Huuch 7 De Vries 76	Hot Schellingen Reverse axis Ag 58.3% Cu 41.7%	WA
ZT	4651-4800	Six Stuivers	50	United Netherlands	Zeeland	Estates General	Middelburg Tower	1711	225.5 F		De Vries 75	Hot Schellingen Parallel Axis Ag 58.3% Cu 41.7%	WA
ZT	5001-5050	Six Stuivers	50	United Netherlands	Zeeland	Estates General	Middelburg Tower	1711	230 VF		C.R.Huuch 7 De Vries 76	Hot Schellingen Reverse Axis Ag 58.3% Cu 41.7%	WA
ZT	5051-5080	Six Stuivers	30	United Netherlands	Zeeland	Estates General	Middelburg Tower	1711	120 P		De Vries 76	Lump of metal containing circa 3 6 stuivers Axis not known Ag 58.3% Cu 41.7%	WA
ZT	5109	Eight Reales	1	Spanish America	Mexico	Philip V	nM	c. 1780	25.83 VG		Yr 560	Long type 3 Pl de ls. 2r Silver 93%	WA
ZT	5111	Half Ducatone	1	Spanish Netherlands	Brabant	Philip IV		c. 1630	1.44 P H/nd		Gelder Hoc 328 1a / Dgr. 4444	Silver 93%	WA
ZT	5112	Half Ducatone	1	Spanish Netherlands	Brabant	Philip IV		c. 1630	1.4 255 G		Dav. 4444	Silver 93%	WA
ZT	5116	Ducatone	1	Spanish Netherlands	Brabant	Philip IV		1635	30.79 VG		Dav. 4444	Silver 93%	WA
ZT	5119	Half Ducatone	1	Spanish Netherlands	Flanders	Charles II		1662	25.83 VG		Dav. 4457	Silver 93%	WA
ZT	5122	Ducatone	1	Spanish Netherlands	Brabant	Estates General		c. 1680	25.83 VP		Dgr. 4537	Silver 93%	WA
ZT	5124	Ducatone	1	Spanish Netherlands	Brabant	Philip IV		1635(7)	30.65 P		Dav. 4444	Silver 93%	WA

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P = Poor, F = Fine, G = Good, VG = Very Good, VF = Very Fine, VVP = Very Poor, VVP = Very Poor, PA = Parallel Axis, RA = Reverse Axis													
WRE	REG #	COIN	# COINS	COUNTRY	PROVINCE	AUTHORITY / RULER	MINT MARK	DATE	WT. (g)	COND.	CAT.	COMMENTS	ANCOOS
ZT	5132	Rijksdaalder	1	United Netherlands	Ulrecht	Estates General		1613	24.11	P	Dav 4836	Silver 92%	WA
ZT	5136	Eight Reales	1	Spanish America	Mexico	Philip V	dm	c. 1708	23.86	VG	Tri Yr 560	Long Type Silver 93%	WA
ZT	5156	Eight Reales	1	Spanish America	Mexico	Philip V		c. 1708	23.14	P	Tri Yr 560	Silver 93%	WA
ZT	5160	Eight Reales	1	Spanish America	Mexico	Philip V		c. 1708	22.84	G	Tri Yr 560	Long Type Fleur de Lis Silver 93%	WA
ZT	5163	Eight Reales	1	Spanish America	Mexico	Philip V		c. 1708	25.44	VG	Tri Yr 560	Long Type Silver 93%	WA
ZT	5164	Eight Reales	1	Spanish America	Mexico	Philip V		c. 1708	25.6	VG	Tri Yr 560	Silver 93%	WA
ZT	5166	Eight Reales	1	Spanish America	Mexico	Philip V	B	c. 1708	25.18	P	Tri Yr 560	Long Type Silver 93%	WA
ZT	5167	Eight Reales	1	Spanish America	Mexico	Philip V		c. 1708	23.21	VG	Tri Yr 560	Chunky 3 Fleur de Lis Silver 93%	WA
ZT	5170	Eight Reales	1	Spanish America	Mexico	Philip V		c. 1708	24.05	VG	Tri Yr 560	Silver 93%	WA
ZT	5172	Eight Reales	1	Spanish America	Mexico	Philip V		c. 1708	26.1	P	Tri Yr 560	3 Fleur de Lis Silver 93%	WA
ZT	5175	Eight Reales	1	Spanish America	Mexico	Philip V		c. 1708	23.35	VG	Tri Yr 560	Silver 93%	WA
ZT	5177	Eight Reales	1	Spanish America	Mexico	Philip IV		c. 1708	25.52	VG	Tri Yr 560	Silver 93%	WA
ZT	5183	Four Reales	1	Spanish America	Mexico	Philip V		c. 1708	8.5	VP	Tri Yr 560	Silver 93%	WA
ZT	5196	Four Reales	1	Spanish America	Mexico	Philip V	dm	c. 1708	9.41	VG	Tri Yr 560	Silver 93%	WA
ZT	5201	Four Reales	1	Spanish America	Mexico	Philip V		c. 1708	11.31	P	Tri Yr 560	Silver 93%	WA
ZT	5203	Four Reales	1	Spanish America	Mexico	Philip V		c. 1708	10.73	VG	Tri Yr 560	Silver 93%	WA
ZT	5204	Eight Reales	1	Spanish America	Mexico	Philip V		c. 1708	25.02	P	Tri Yr 560	Silver 93%	WA
ZT	5555-5554	Six Stuivers	100	United Netherlands	Zeeland	Estates General	Tower	1711	42.4	P	De Vries # 76	Hot Scrolling Reverse axis Silver 58.2% Cu 41.7%	WA
ZT	5555-5734	Six Stuivers	100	United Netherlands	Zeeland	Estates General	Tower	1711	42.15	P	De Vries # 76	Hot Scrolling Reverse axis Silver 58.2% Cu 41.7%	WA
ZT	6155-6204	Six Stuivers	50	United Netherlands	Zeeland	Estates General	Tower	1711	223	AVF	De Vries # 72	Reverse axis Silver 58.3%Cu 41.7%	WA
ZT	6805-6904	Six Stuivers	100	United Netherlands	Zeeland	Estates General	Tower	1711	41.1	P	De Vries # 76	Reverse axis Silver 58.3% Cu 41.7%	WA
ZT	6905-7004	Six Stuivers	100	United Netherlands	Zeeland	Estates General	Tower	1711	41.5	P	De Vries # 76	Reverse axis Silver 58.3% Cu 41.7%	WA
ZT	7532	Two Stuivers	1	United Netherlands	Zeeland	Estates General	Tower	1706	1.5	F	De Vries # 76	Reverse axis Silver 58.3% Cu 41.7%	WA
ZT	7533-7535	Two Stuivers	3	United Netherlands	Zeeland	Estates General	Tower	1708	4.5	P	De Vries # 76	Parallel axis Silver 58.3%Cu 41.7%	WA
ZT	7573-7592	Six Stuivers	20	United Netherlands	Zeeland	Estates General	Middelburg Castle	1711	86	VG-P	De Vries # 72	Die axis at 3 o'clock Silver 58.3%Cu 41.7%	WA
ZT	7593-7602	Six Stuivers	10	United Netherlands	Zeeland	Estates General	Middelburg Castle	1709	4.5	P	De Vries # 72	Different date Silver 58.3%Cu 41.7%	WA
ZT	7603-7605	Six Stuivers	3	United Netherlands	Ulrecht	Estates General	Middelburg Castle	1710	11	P	De Vries # 72	Parallel axis Silver 58.3% Cu 41.7%	WA
ZT	10812	Two Stuivers	1	United Netherlands	Zeeland	Estates General	Middelburg Castle	1711	1.33	P	De Vries # 76	Reverse axis Silver 58.3% Cu 41.7%	WA
ZT	10813	Two Stuivers	1	United Netherlands	Zeeland	Estates General	Middelburg Castle	1711	1.41	F	De Vries # 76	Parallel axis Silver 58.3% Cu 41.7%	WA
ZT	10814	Six Stuivers	1	United Netherlands	Zeeland	Estates General	Middelburg Castle	1711	4.25	F	De Vries # 72	Parallel axis Silver 58.3% Cu 41.7%	WA
ZT	10815	Six Stuivers	1	United Netherlands	Zeeland	Estates General	Middelburg Castle	1711	4.65	P	De Vries # 72	Parallel axis Silver 58.3% Cu 41.7%	WA

