Wellington Quarry: Database structure and terminology

The Microsoft Access database used for the Wellington Quarry 1986-96 Project holds data in four separate tables as follows:

1. Drawing Register
2. Finds Register
3. Specialist Ceramic data (IA and RB pot and tile)
4. Structural data

Drawing register
This is a stand alone table which provides an index for all permatrace drawings created during the individual phases of fieldwork involved.

The following fields are used:

Date Text field – Calendar year a site drawing within the fieldwork archive was created

Number Text field - Reference number given to drawing during fieldwork

Type Text field - Drawing type (Plan or Section)

Contexts Text field - Lists contexts recorded on drawing

Inked Text field - Records (Y/N) whether the drawing has been inked up

Comments Text field - Additional observations on drawing contents

Finds register
This provides a primary record of all artefacts recovered.

Data drawn from this was used to establish the table used for specialist analysis of Iron Age and Romano-British pottery and tile (Table = **Specialist ceramic data**), the unique *Record* number providing the cross-reference.

Other specialist artefact analyses undertaken during the project (flint, Neolithic pottery, etc) were completed by external specialists using information derived from the **Finds register**; however, separate datasets were individually established for these according to the individual specialist requirements and analytical approaches and this information was not prepared or presented in suitable formats for integration into the project database.

The following fields are used in the **Finds register**:

Record Numeric (AutoNumber) field - Unique data entry reference number

Site code Text field - HSM 5522 (SMR unique reference number for site)

Context Numeric field - Context from which find derived

Material/Type Text fields – Class and type of find. The *Material* field is used as a basic class category with the *Type* field used as a qualifier.

Terminology and use were not strictly controlled. The following appear:

Material	*Type*	Additional information
BRICK		
BRONZE		
CERAMIC	MISC	
CHARCOAL		
COIN	CUAL	CUAL = Copper alloy
COKE		CUAL = Copper alloy
CUAL		
DAUB		
FIRED CLAY		
FLINT		
FURNACE LINING		
GLASS	VESSEL	
IRON	KNIFE	
LEAD		
PIPE	BOWL	
	STEM	
PLASTER		
POT	PRH	Prehistoric
	ROM	Roman
	MED	Medieval
	PMD	Post Medieval
	MOD	Modern
SHELL		
SLAG		
SLATE		
SPINDLE WHORL		
STONE	SPINDLE	
TILE	ROM	Roman
	MED	Medieval
	PMD	Post Medieval
	MOD	Modern
	IMBREX	
	TEGULA	
	BOX-FLUE	
TILE/BRICK		

Total Numeric field - Number of objects in the *Material* class present

Weight Numeric field - Total weight of *Material* in class (in grams)

Notes Text field – Additional observations

Date range Text field - General date range of material

TPQ Text field - Terminus Post Quem (latest date) allocated to context on basis of all artefact and stratigraphic data

Period Text *field* – General period of finds as follows:

PRH	Prehistoric
NEO	Neolithic
LNEO	Late Neolithic
BA	Bronze Age
IA	Iron Age
RBR	Romano-British
SAXO	Saxon
MED	Medieval
POST MED	Post-medieval
MOD	Modern

Specialist ceramic data (IA and RB pot and tile)
Table based on basic data derived from Table = **Finds Register**.

This table records additional specialist information relating to Iron Age and Romano-British pottery and tile.

The number in the *Record* field matches that for the original entry within Table = **Finds Register**.

The following fields are used:

Record Numeric field - Unique data entry reference number

Context Numeric field - Not used. Information recorded on Table **Finds Register**

Period Numeric field - Not used

Length Numeric field - Not used

Width Numeric field - Not used

Thickness Numeric field - Thickness of sherd (mm)

Type no Text field - Cross-reference to type sherd

Fabric Text field – Fabric code.

For pottery the table below provides an index.

Fabric	Fabric name
O10	Oxidised Severn Valley ware
O11	Oxidised Severn Valley ware
O12	Oxidised Severn Valley ware
O13	Oxidised Severn Valley ware
O14	Oxidised Severn Valley ware

O15	Oxidised Severn Valley ware
O16	Oxidised Severn Valley ware
O17	Oxidised Severn Valley ware
O18	Oxidised Severn Valley ware
O19	Oxidised Severn Valley ware
O20	Oxidised Severn Valley ware
O21	Oxidised Severn Valley ware
O22	Oxidised Severn Valley ware
O23	Oxidised Severn Valley ware
O38	Oxidised Severn Valley ware
R20	Reduced Severn Valley ware
R21	Reduced Severn Valley ware
R22	Reduced Severn Valley ware
R23	Reduced Severn Valley ware
R24	Reduced Severn Valley ware
R28	Reduced Severn Valley ware
R29	Reduced Severn Valley ware
R34	Reduced Severn Valley ware
3	Handmade Malvernian ware
13	Sandy oxidised ware
14	Fine sandy greyware
16.2	Grog-tempered ware
19	Wheelthrown Malvernian ware
21.3	Variant micaceous ware
22	Black Burnished ware 1
23	South Midlands shell-tempered ware
24	Shell and ironstone tempered ware
29	Oxfordshire red-brown colour-coated ware
30	Oxfordshire white colour-coated ware
33	Oxfordshire white mortaria
33.3	Oxfordshire red mortaria with red-brown slip
37	Severn Valley mortaria
38	Oxfordshire white ware
41	Unprovenanced white ware
42.1	Dressel 20 amphora
43	Samian ware
44	Rhenish ware
98	Miscellaneous Roman wares

Other fabrics as prefixed with a 'T' are the tile fabric series established specifically for this site.

Description Text field - Records sherd type (or variants thereof) as follows:

body
base
rim
profile (used where whole vessel profile present)

Comment Text field - Used to note presence of Cutaways = 'C' or Signature marks ('S')

Form	Text field - Vessel form. The following variants (or combinations thereof) appear: Beaker Bowl Carinated Bowl Dish Jar Lid Miniature jar Mortarium Necked bowl
Diameter	Text field – Diameter (mm) of rim or base of vessel
% rim	Numeric field - Percentage of vessel rim or base present
Decoration	Text field – Records decoration and finish (Burnished, Grooved rim, Obtuse lattice, etc.)
Feature	Text field – Not used
Phase	Text field – Not used
Ceramic TPQ	Text field – Not used
TS no	Numeric field – Not used
Drawing no	Yes/No tick box. Denote whether sherd selected for illustration
Illustration ref no	Numeric field – Illustration reference number
Photo no	Numeric field – Not used
Box no	Numeric field – Not used

Structural data
This table summarises structural information. This mostly derives from the original site context sheets but also incorporates very basic presence/absence data on artefacts/ecofacts, dating and comments.

Throughout 'n/r' denotes 'not recorded' and 'n/a' denotes either 'not available' or 'not applicable'

The following fields are used:

Context Numeric field – Unique context reference number

Type 1 Text field – Primary (objective) descriptive level for context:

Cut
Fill
Burial
Layer
Positive
Arbitrary
Feature
Structure

Type 2 Text field – Secondary (subjective) descriptive level for context:

Alluvium
Burial
Buried soil
Channel
Channel deposit
Channel fill
Cremation pit
Demolished structure
Ditch
Dump
Fill of xxx (xxx = cut number)
Gravel
Gully
Hearth
Hollow
Indeterminate
Inhumation
Irregular linear
Lens
Lining
Natural
Occupation layer
Oven
Padstone
Palaeochannel
Peat
Pit

Plank
Post
Posthole
Ring-ditch
Root furrow
Sequence
Slot
Sondage
Spread
Stake
Structure
Subsoil
Surface
Timber
Topsoil
Tree-throw
Trench
Turfline
Unstratified finds
Wall

Length Text field – Maximum length of context (m)

Width/diam Text field – Maximum width or diameter of context (m)

Depth Text field – Maximum depth of context (m)

Drawn Text field – Y/N entry to identify whether a site drawing was produced. 'Sketch' used where no scale drawing produced but a sketch (sometimes measured) was produced

Plan Text field – Shape of context in plan:

Amorphous
Curvilinear
Irregular
Linear
Sub-circular
Sub-oval
Sub-rectangular
Sub-square

Pot Text field – Y/N to record presence/absence of pottery
Charcoal Text field – Y/N to record presence/absence of charcoal
Flint Text field – Y/N to record presence/absence of flint
Bone Text field – Y/N to record presence/absence of bone
Other finds Text field – Letter code identifying other classes of finds within context. The following codes apply:

Br = Brick
C = Coin
Cer = Ceramic (non-specific)

CP = Clay pipe
CuA = Copper alloy
FC = Fired clay
Fe = Iron
G = Glass
Sl = Slag
St = Stone
T = Tile

Date Text field – Date of context

Comments/ description Text field – Observations and additional information on context

Interpretation Text field - Post-excavation interpretation of context