

## Silchester House 1 - Catalogue of Tesserae and their Geological Source

Object No	Context	Year	Qty	Material	Weight (g)
50046	1488	1998	1	Dolomite Cementstone	2.624
50046	1544	2001	1	Earthy Dolomite Cementstone ?	2.000
50046	1757	1999	22	Dolomite Cementstone	21.362
50046	1764	1999	5	Dolomite Cementstone	8.158
50046	1788	1998	1	Dolomite Cementstone	2.481
50046	1243	1998	1	Dolomite Cementstone	4.678
50046	1797	2001	1	Dolomite Cementstone	2.000
50046	2009	2001	51	Dolomite Cementstone (42) Red Burnt Rock Mudstone (7) Orange Burnt Rock Mudstone (1) Ceramic Fabric 1 (1)	54.484 all
50046	2025	2001	13	Dolomite Cementstone (7) Raw Material Yellow Burnt Mudstone (1) Raw Material Orange Burnt Mudstone (1) Raw Material Red Burnt Mudstone (2) Ceramic Fabric 3 (2)	6.567 Dolomite Cementstone only
50046	2232	1999 2001	1 36	Dolomite Cementstone (33) Orange Burnt Rock Mudstone (1) Red Burnt Rock Mudstone (2) Ceramic Fabric 3 (1)	65.029 Dolomite Cementstone Only
50046	2284	2001	1	Dolomite Cementstone	2.000
50046	2456	2001	1	Earthy Dolomite Cementstone ?	2.000
50046	3213	2001	9	Dolomite Cementstone (6) Red Burnt Rock Mudstone (2) Ceramic Fabric 2 (1)	21.026 Dolomite Cementstone Only
50046	3268	2001	6	Pale Grey Medium-Grained Mesozoic Quartz Sandstone (6)	12.000
50046	3275	2001	1	Pale Grey Medium-Grained Mesozoic Quartz Sandstone (1)	2.000
50046	3324	2001	1	Dolomite Cementstone	2.000
50046	3346	2001	2	Red Burnt Rock Mudstone	4.000
50046	3374	2001	5	Dolomite Cementstone	6.230
50046	3390	2002	2	Dolomite Cementstone	4.000
50046	3391	2001	1	Dolomite Cementstone	2.000
50046	3396	2001 2002 2003	25 2 173	Dolomite Cementstone (156) Chalk (8) Yellow Burnt Mudstone (3) Red Burnt Mudstone (31) Ceramic Fabric 1 (1) Red Flint 1 (1)	560.00
50046	3569	2002	5	Dolomite Cementstone (3) Orange Burnt Rock Mudstone (1) Ceramic Fabric 1 (1)	10.000
50046	3622	2001	1	Dolomite Cementstone	1.924
50046	4111	2003	1	Chalk (1)	2.000
50046	4454	2003 2005	1 1	Dolomite Cementstone (2)	4.000
50018	1912	2001	1	Dolomite Cementstone (1)	3.150
50018	3288	2001	3	Dolomite Cementstone (3)	6.000
50018	3709	2001 2002	1 1	Dolomite Cementstone (2)	4.587
50037	3042	2002	2	Dolomite Cementstone (2)	2.515
50037	3532	2002	7	Dolomite Cementstone (7)	8.534
50037	3595	2002	2	Dolomite Cementstone (1) Red Burnt Mudstone (1)	2.876
50037	3597	2002	2	Dolomite Cementstone (1) Red Burnt Mudstone (1)	1.551

50037	3732	2002	12	Dolomite Cementstone (11) Red Burnt Mudstone (1)	21.155
50037	3751	2002	1	Dolomite Cementstone (1)	2.675
50037	3847	2002	1	Dark Blue Glass or Fuel-Ash Slag (1)	0.517
50037	4152	2003	2	Dolomite Cementstone (2)	4.000
50037	4211	2003	1	Dolomite Cementstone (1)	2.000
Object No	Context	Year	Qty	Material	Weight (g)
50019	3367	2001	1	Dolomite Cementstone (1)	2.000
50019	4010	2002	5	This is probably context 4020 which is not House 1	
50043	5409	2004	4	Probable Dolomite Cementstone (4)	8.000
50017	6461	2005	1	Probable Dolomite Cementstone (1)	2.000
50010	4409	2003	2	Context 4409 does not appear to relate to Object 50010 please confirm Dolomite Cementstone -	4.000

Notes : The Source of Dolomite Cementstone, Red Burnt Mudstone and Orange Burnt Mudstone is from the Upper Jurassic (Kimmeridgian) of Dorset (Kimmeridge Bay) (Allen & Fulford 2004).

The source of the Yellow Burnt Mudstone and the Quartz Sandstone are unknown.

The chalk and flint tesserae are more likely to have come from a local source (nearest Mapledurwell 12km) – Upper Chalk. Only petrological and palaeontological analysis, will determine whether or not this is the case.

## Statistics

**a) Total Number 411**

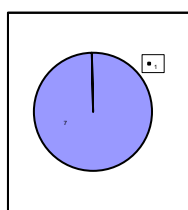
**b) Total Weight 880g**

**c) Rock Type - Overall**

Dolomite Cementstone (Kimmeridge Bay)	<b>331</b>	<b>(80.5%)</b>
Red Burnt Mudstone (Kimmeridge Bay)	<b>47</b>	<b>(11.4%)</b>
Upper Chalk (Local)	<b>9</b>	<b>(2.2%)</b>
Ceramic Building Material	<b>7</b>	<b>(1.7%)</b>
Mesozoic Quartz Sandstone (unknown source)	<b>7</b>	<b>(1.7%)</b>
Yellow Burnt Mudstone (no source)	<b>3</b>	<b>(0.7%)</b>
Orange Burnt Mudstone (Kimmeridge Bay)	<b>3</b>	<b>(0.7%)</b>
Earthy Dolomite Cementstone (Kimmeridge Bay)	<b>2</b>	<b>(0.5%)</b>
Flint (Local)	<b>1</b>	<b>(0.3%)</b>
Dark Blue Glass or Fuel Ash	<b>1</b>	<b>(0.3%)</b>

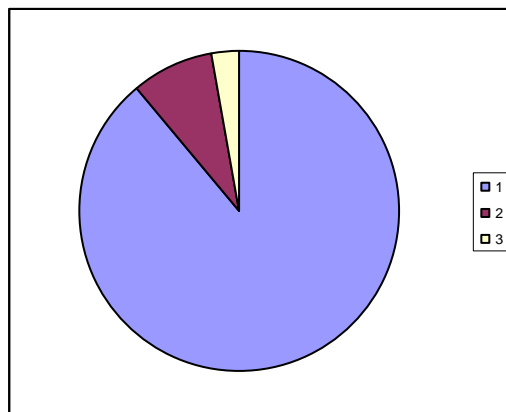
### d) Rock Type - Period

a) Early Roman Phase 1  
Claudio Neronian



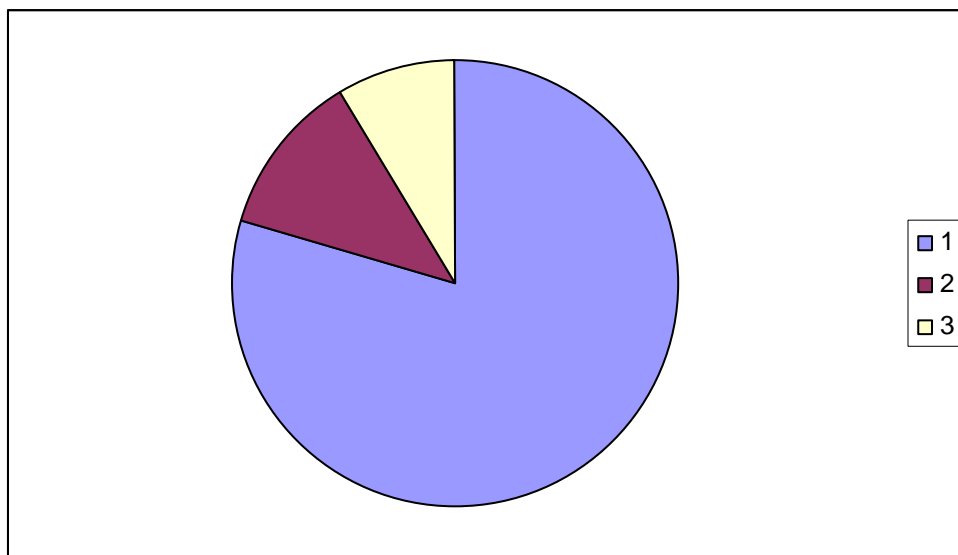
n=7

b) Early Roman Phase 2  
Flavian-Antonine



n=36

c) Antonine – Mid third century c.150- c.250



n=369

**Key** Violet=Dolomite Cementstone (Kimmeridge Bay – Dorset)  
Maroon= Red Burnt Mudstone (Kimmeridge Bay – Dorset)  
White= Other