

Table A13:1 Catalogue of Querns

<i>Ctx No</i>	<i>Date</i>	<i>Cat No. & illus</i>	<i>Stone source and weight</i>	<i>Stone Description</i>	<i>Description (F Roe) and notes</i>	<i>Additional description* (S Brown)</i>
162/A/5 Waterhole	MBA-LBA	4 yes	Lower Calcareous Grit 8.6 kg	buff coloured calcareous sandstone with shell fragments, from Corallian	Saddle quern, about 2/3 complete, concave grinding surface	38cms x 28cms x 9cms. Concave in both length and width. 8° inclination of grinding surface along the length. The bottom was unworked.
671/A/3 Pit	EIA	-	Culham 0.01kg	Lower Greensand	Without working traces, but a quern material	
3/n/1 Ditch	LIA	-	Pusey Flags? 0.15kg	fine-grained, shell fragment and sandy limestone	Part of small slab with a worn, smooth surface: re-used roofing tile?	
501/E/1 Ditch	RB C1-C2	-	Culham 0.675kg	Lower Greensand	1 fragment, partly burnt, now without working traces but a quern material	
789/A/1 Waterhole	RB C2 AD	9 yes	Hertfordshire Puddingstone 2.5kg	Tertiary	Segment from small rotary quern upper stone (Seen by Caroline Ingle)	c.20+cms x 10cms This domed or humped upper stone had a flat grinding surface pierced by an off-centre perforation along which the stone had apparently broken. A chipped lower edge around the upper stone may indicate the removal of an iron hoop to which the handle would have been attached (J Phillips, 1950, 75-82). Curwen (1941) suggests the use of Watling Street as a trade route of these stones. According to E.A.Rudge (1965) hardly any of these stones have been found to the West of the Icknield Way.
911/A/2 Ditch	RB C1 late + AD	8 yes	Old Red Sandstone 1.36kg	Upper ORS quartz conglomerate	Segment from rotary quern, lower stone	c.36cms x 2cms x 7cms. The grinding surface was convex (? 18°). The underside was 'pecked` and rough and convex.
916/A/1 Ditch	RB	12 yes	Old Red Sandstone? 1.71kg	Coarse-grained, pebbly sandstone	Fragment from rotary quern, lower stone	?? x 2.5 cms x 4.5 cms One possible edge survives but there was no evidence of a central perforation or spindle socket. The grinding surface was uneven, perhaps due to a secondary usage.
789/A/4 Waterhole	RB C2 AD	1 yes	Old Red Sandstone 0.78kg	Upper ORS pebbly sandstone	Fragment from rotary quern, upper stone (hollow in grinding surface suggests re- use)	c.36cms x 4cms : Flat top and concave grinding surface (8°). The top and sides had 'pecked' surfaces. It had been re-used after broken as a whetstone. A shallow trough 3 cms wide at maximum had been worn across the direction of rotation on the grinding surface.

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789/A/2 Waterhole	RB C2 AD	2 yes	Old Red Sandstone 1.86kg	Upper ORS sandstone	Fragment from rotary quern, lower stone (fits No 3, 789/A/4; re-used, worn area in centre)	c.35+cms x 2.5cms x 6 cms. Grinding surface is convex (20°) but a central hollow basin has been worn into the centre, 6 cms radius surrounding a central and complete perforation. The grinding surface is striated towards the outer edge. The bottom is pecked and roughly finished.
789/A/4 Waterhole	RB C2 AD	3 yes	Old Red Sandstone	Upper ORS sandstone	Part of above	Fits and joins no. 2.
789/A/1 Waterhole	RB C2 AD	13 yes	Old Red Sandstone 1.51kg	Upper ORS quartz conglomerate	Fragment from rotary quern, lower stone, partly burnt	c.36cms x 3.5 cms x 5.3 cms Part of the outer edge survives. The grinding surface was convex (12°). The underside was roughly levelled.
789/A/4 Waterhole	RB C2 AD	14 yes	Old Red Sandstone 1.607kg	Upper ORS quartz conglomerate	Fragment from rotary quern, lower stone, partly burnt	39cm x 1cm x 6cms The grinding surface was convex (14°) and a raised lip borders on a central perforation the edge of which survives. The bottom was rough but levelled.
789/A/4 Waterhole	RB C2 AD	15 yes	Old Red Sandstone 1.465kg	Upper ORS quartz conglomerate	Segment from rotary quern, upper stone	c.32cms x 4.3cms The grinding surface was conical (10°) or slightly concave. The edge of a central perforation is visible with no hopper and the upper surface was flat
789/A/2 Waterhole	RB C2 AD	16 yes	Old Red Sandstone 0.34kg	Upper ORS quartz conglomerate	Fragment from rotary quern, probably lower stone	c.26+ cms x 2.5cms x 4cms. The grinding surface was conical and striated (10°-20°). The base was unfinished and convex.
789/A/4 Waterhole	RB C2 AD	17 yes	Old Red Sandstone 1.54kg	Upper ORS quartz conglomerate	Segment from rotary quern, upper stone	c.36cms x 4.5cms. The grinding surface was conical and shallow (6°) with a slight downward lip at the edge and striated toward the centre. The stone was flat or slightly concave on its top and the edge of a central perforation was visible with no hopper.
789/A/1 Waterhole	RB C2 AD	6 yes	Lodsworth 0.72kg	Lower Greensand Hythe Beds	Segment from rotary quern upper stone (Seen by Caroline Ingle)	c.35cms x 4cms. Flat or slightly concave top. The grinding surface was conical, (16°). The stone was generally very worn and differential wear had taken place reducing the thickness by 1.1cm on one side. The outline of the central perforation must have been totally eroded away before the stone was eventually broken. The outer edge is rough but the top had been leveled and shows a series of close straight tool marks.

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605/A/4 Waterhole	RB C2 AD	5 yes	Lodsworth 1.526kg	Lower Greensand Hythe Beds	Segment from rotary quern upper stone (Seen by Caroline Ingle)	c.35cms x 10cms. Flat or slightly concave top. The Grinding surface was conical (20°-30°) but more worn towards the centre. There was marked differential wear of the stone reducing the thickness on one side by 2.5cms. The outer edge was unfinished showing diagonal tool marks.
605/C/1 Waterhole	RB C2 AD or later	18 no	Lodsworth 0.135kg	Lower Greensand Hythe Beds	Fragment probably from rotary quern	Apparently a heat-fractured stone fragment with all edges broken and one worn surface.
513/A/1 Ditch	RB C3-C4 AD	7 yes	Lodsworth 0.98kg	Lower Greensand Hythe Beds (Seen by Caroline Ingle)	Segment from rotary quern upper stone	c.35cms x 6cms. Flat or slightly concave top. The grinding surface was conical (27°) striated and pitted.
537/B/3 Ditch	RB C3 c250+ AD	10 no	Culham 0.18kg	Lower Greensand	Fragment with flat grinding surface, probably part of saddle quern	?? x 3.5cms. max. A small fragment with all edges broken and a worn surface slightly concave in one direction.
537/B/3 Ditch	RB C3 c250+ AD	11 yes	Culham 0.708kg	Lower Greensand	Fragment from saddle (or lower rotary??) quern	c.37cms x 2cms x 3.5cms A thin quern fragment with a fairly flat grinding surface angle, up to (7°) . The base is rough but level.
537/B/3 Ditch	RB C3 c250+ AD	-	Culham 0.170kg	Lower Greensand	1 small fragment with grinding surface	
283/C/3 Hollow	Saxon	-	Greensand 0.74kg	iron rich and shelly sandstone, probably from local Lower Greensand	4 fragments, 2 with possible worked surfaces	
39/A/1 Waterhole	Saxon	-	Lower Calcareous Grit 0.07kg	fine-grained calcareous sandstone with shell fragments	3 fragments with flat, smooth surface, burnt	

*Dimensions follow the practice of A Clark and J F Nichols (1960): Upper rotary stones: diameter/maximum thickness at rim. Lower rotary stones: diameter/thickness at rim/ thickness at centre. Saddle querns: length/width/height. Grinding surface angle given or (estimated) where possible.