

STONE ARTEFACTS FROM DÚN AONGHASA [92E102]

Coarse Stone Artefacts Catalogue (A. Clarke; petrological identifications by D. Harper) [Appendix 1.14 in Vol. 3]

Pounder/ grinders

Find No.	Feature	Description	Dimensions
140	9	Granite. Flat oval in shape. On one end double ridged facets have been worked and the opposite end is pecked almost to a facet. One face is smoothed and flattened and has pecking in the centre. Some pecking too around the perimeter.	L.125mm; W.92mm; T.52mm
246	U/S	Limestone. Sub-circular in shape. Two facets form a ridge around half of the perimeter. Two faces are worn smooth.	L.88mm; W.70mm; T.58mm
616	32	Quartz sandstone, burnt fragment. Remnant ridged facets most probably originally around most of perimeter.	L.85mm; W.90mm; T.36.5mm
1277	221	Quartz. Miniature pounder/ grinder. Facets have been worked around most of the perimeter and one face has been worn flat and smooth.	L.55mm; W.47mm; T.37mm
1336	209	Quartz sandstone. Regular oval in shape. Single pecked facet on either end. Possibly some smoothing on one face. Probable under-utilised pounder/grinder.	L.210mm; W.93mm; T.90mm
1618	3	Granite. Flat oval in shape. Broad facets have been pecked on either end. One face is smoothed and there is heavy flaking from another face.	L.107mm; W.86mm; T.52mm
1801	244	Quartz sandstone. Sub-spherical in shape. There are heavily worn ridged facets around the perimeter and some large flakes have been removed incidentally. One face has been worn flat and smooth.	L.108mm; W.108mm; T.85mm
1998	76	Limestone, broken down length. Ovoid in shape. Broad facets on either end with some flake removal.	L.84mm; W.69mm; T.36mm
2132	267	Quartz siltstone. Ovoid in shape. There is a single broad facet on one end. Both faces have been worn flat and smooth.	L.184mm; W.94mm; T.63mm
2195	269	Limestone. Sub-spherical in shape. On one end there is a flat facet and on the opposite end there are ridged facets. These facets are stained brown, possibly from the substance which was being processed.	L.75mm; W.73mm; T.71mm
2217	269	Granite. This cobble has been almost completely reshaped by grinding and rubbing wear. Either end bears a single rounded facet and both faces are smoothed.	L.64mm; W.67mm; T.55mm
2358	704	Dolerite, broken. Sub-oval in shape. A broad facet has been worked on one end. The opposite end has been flaked and damaged over the original facet. Both faces have been worn smooth.	L.88mm; W.63mm; T.42mm

2505	71	Limestone. Sub-circular in shape. A broad facet has been worked around the whole of the cobble.	L.106mm; W.96mm; T.84mm
2578	267	Limestone. Two facets form a ridge on one end. Facets have been pecked on either side and on opposite ends. One face has been worn flat and smooth.	L.77mm; W.67mm; T.42mm
2738	948	Quartz sandstone. Flat oval in shape. Single broad facet on one end. One flattish face has been smoothed.	L.90mm; W.70mm; T.40mm
2833	977	Quartz sandstone. Flat oval in shape. At one end two facets form a ridge with some incidental flaking. Some pecking around opposite end and edges. One face is flattened and smoothed.	L.127mm; W.107mm; T.42mm
3002	302	Quartz sandstone. Sub-circular in shape. Broad ridged facets have been worked around most of the perimeter. One face has been smoothed.	L.110mm; W.102mm; T.67mm
3003	302	Quartz siltstone. Angular ovoid in shape. Two facets on one pointy end form a ridge. Single facet on opposite end. One flat smoothed face.	L.107mm; W.102mm; T.65mm
3016	314	Quartz siltstone. Ovoid in shape. A single broad facet has been worn on either end. One face has been flattened and smoothed.	L.117mm; W.79mm; T.50mm

Faceted cobbles

76	15	Quartz sandstone. Flat circular. Facet around most of perimeter. Faces smoothed and there is one with possible gloss residue.	L.95mm; W.87mm; T.35mm
309	9	Granite. Sub-oval. Two facets form ridge on one end.	L.72mm; W.63mm; T.52mm
744	202	Pink quartzite. Sub-rectangular. One face particularly smooth and shiny. Small ground area on one pointy end.	L.82mm; W.69mm; T.28mm
835	U/S	Pink quartzite. Either end ground to rounded facets. One very flat polished face and another face with polish.	L.85mm; W.40mm; T.55mm
877	203	Granite. Sub-triangular. There is a narrow ground facet on one edge and one flat face is shiny along one edge.	L.66mm; W.57mm; T.40mm
1049	217	Diorite. Sub-oval. One flat face is rubbed smooth. Tiny facet on either end.	L.90mm; W.53mm; T.32mm
1065	217	Sub-triangular buff quartzite pebble. Broad end has finely-shaped bevel which is polished. Very nice.	L.62mm; W.45mm; T.20mm
1081	217	Quartz sandstone. Sub-triangular. Two facets on one end form ridge. One facet on opposite end. One face flat and smoothed.	L.82mm; W.60mm; T.30mm

1200	258	Burnt fragment, quartz sandstone. Broad facet on unbroken end. One face flattened and smooth.	L.77mm; W.90mm; T.39mm
1630	239	Quartz siltstone. Ovoid. Two facets on one end form an overworn ridge. Pecking on opposite end and one face possibly worn.	L.84mm; W.54mm; T.44mm
1922	257	Quartzite. Angular cobble with one facet worked on a point.	L.85mm; W.72mm; T.47mm
2338	269	Pink quartzite. Sub-rectangular. All faces smooth and shiny. Two smooth facets on either end.	L.97mm; W.36mm; T.32mm
2448	279	Pink quartzite. Sub-rectangular. Shiny on faces and ground facet on one end.	L.80mm; W.36mm; T.31mm
2493	290	Quartzite. Sub-triangular pebble with small facets on either end. One face has been worn flat and smooth/ shiny.	L.64mm; W.48mm; T.28mm
2569	297	Pink quartzite. Irregular. Smooth and shiny on most faces. Small patches of grinding on edge and end form facets.	L.84mm; W.54mm; T.41mm
2670	253	Quartz siltstone. Ovoid. Light facet on one end.	L.92mm; W.52mm; T.45mm
3017	313	Pink quartzite. Sub-rectangular. One flat face and smooth and shiny over most of surfaces. Single ground facet on both ends.	L.74mm; W.35mm; T.27mm

Plain hammerstones

58	10	Limestone. Cylindrical with some pecking on either end.	L.130mm; W.52mm; T.50mm
810	32	Limestone, broken. Light pecking on surviving end.	L.91mm; W.75mm; T.63.5mm
870	82	Quartz sandstone, spall. This is a flake which has probably been removed from a cobble through its use as a hammerstone.	L.54mm; W.43mm; T.13.5mm
881	208	Limestone, abraded and broken. Fragment of a cobble with an area of pecking on the unbroken end.	L.79mm; W.95mm; T.67mm
892	203	Limestone, abraded. Ovoid in shape. Pecked on one end and opposite end has been very heavily damaged by flaking.	L.142mm; W.78mm; T.64mm
970	82	Limestone, abraded and broken. Pecking around perimeter and over both faces. One face possibly also flat and smoothed.	L.75mm; W.117mm; T.55mm

1144	85	Quartz sandstone. Tapering and oval in shape. One end flaked, opposite end pecked.	L.160mm; W.95mm; T.53mm
1167	85	Limestone, abraded. Elongated oval in shape. One end has been pecked and flaked.	L.90mm; W.48mm; T.30mm
1301	220	Limestone. Ovoid in shape. Some light pecking around perimeter and one flake removed.	L.95mm; W.70mm; T.43mm
1454	239	Limestone, abraded. Flat oval in shape. Some light pecking on either end.	L.84mm; W.59mm; T.26mm
1462	239	Limestone, spall. Flake detached from use of the cobble as a hammerstone.	L.54mm; W.72mm; T.14mm
1553a	107	Quartz siltstone. Flat oval in shape. Light pecking on one end and down part of one side.	L.89mm; W.70mm; T.30mm
2374	279	Quartz sandstone. Flat oval in shape. Very light pecking on one end.	L.53mm; W.30mm; T.19mm
2620	297a	Limestone, abraded and broken. Fragment with heavy pecking on surviving end.	L.37mm; W.48.5mm; T.36.5mm
2685	U/S	Limestone. Oval in shape. Light pecking on either end and one face possibly flattened and smoothed.	L.155mm; W.73mm; T.55mm
2768	939	Quartz, spall. Flake detached from use of cobble as hammerstone.	L.50mm; W.10mm; T.23mm
2808	1201	Pink quartzite. Irregular-shaped cobble with heavy pecking and flaking on three corners.	L.140mm; W.130mm; T.77mm
3037	1219	Limestone, spall. Probable spall from a hammerstone.	L.81mm; W.59.5mm; T.20mm
4002	400	Limestone, abraded. Flat oval in shape. Flake damage on either end.	L.76mm; W.52mm; T.22mm

Rounded cobbles with rubbed faces

20	6	Red chert-like material. Oval pebble flaked irregularly on one end and with some of the flake scars shiny as if from rubbing. A patch of smoothing also on one face.	L.77mm; W.38mm; T.23mm
251	U/S	Limestone, fragment. One smoothed face has possible glossy residue.	L.49mm; W.35mm; T.27mm

252	U/S	Granite, burnt fragment. One smooth face survives.	L.54.5mm; W.34mm; T.28mm
256	U/S	Quartz sandstone, abraded. Flat oval in shape with one flat smoothed face.	L.88mm; W.68mm; T.35mm
261	26	Igneous. Elongated in shape. Surface is shiny all over as if from rubbing.	L.70mm; W.35mm; T.30mm
264	31	Granite. Oval in shape with one flat smooth face.	L.68mm; W.52mm; T.34mm
284	14	Limestone, fragment. One possibly smoothed face.	L.69mm; W.40mm; T.21mm
293/294	10	Granite, fragment. One flat smoothed face with traces of a glossy residue.	L.100mm; W.41.5mm; T.23mm
316	9	Granite. Irregular in shape with one flat face possibly smoothed.	L.91mm; W.42mm; T.47mm
325	26	Green banded chert. One face appears to be slightly smoothed.	L.86mm; W.59mm; T.44mm
326	15	Limestone. Flat oval in shape. Both faces have been worn smooth with some glossy residue. There is some flake damage on one end.	L.100mm; W.80mm; T.25mm
359	10	Quartz sandstone. Flat oval in shape. Two faces appear to have been worn smooth.	L.65mm; W.40mm; T.23mm
419	47	Quartz sandstone. Irregular in shape. Lower face flattened and smoothed.	L.190mm; W.117mm; T.69mm
531	98	Quartz sandstone. Flat oval in shape. Both faces are flattened and rubbed.	L.70mm; W.55mm; T.28mm
608	32	Quartz sandstone, spall. 608, 611 and 1048 conjoin to form fragment of a rubbing stone. Split across bedding planes.	L.66mm; W.61.5mm; T.16mm
611	32	See 608.	L.84.5mm; W.70mm; T.14.5mm
696	66	Pink quartzite. Flat oval in shape. Opposite faces appear to have been rubbed and smoothed.	L.57mm; W.49mm; T.35mm
723	202	Limestone, abraded, broken. One smoothed face.	L.57.5mm; W.72mm;

			T.45mm
726	95	Pink quartzite, fragment. One face flat and smoothed.	L.52mm; W.42mm; T.25mm
778	32	Quartz sandstone, fragment. Fragment of one flat smoothed face survives.	L.62mm; W.24mm; T.33mm
802	32	Pink quartzite. Sub-oval in shape. Two faces appear to have been smoothed.	L.69mm; W.48mm; T.33mm
815	202	Quartz sandstone, abraded. Flat oval in shape. One possible flat smoothed face.	L.75mm; W.49mm; T.17mm
873	208	Quartz sandstone. Flat oval in shape. Possibly worn on one face.	L.79mm; W.45mm; T.29mm
886	208	Quartz sandstone. Flat oval in shape. Rubbing has formed a very slight bevelling of one end. One face worn smooth.	L.72mm; W.51mm; T.23mm
992	82	Pink quartzite. Sub-oval in shape. One face has been flattened and smoothed.	L.65mm; W.57mm; T.37mm
1008	43	Granite. Sub-oval in shape. Smoothing on both faces and one end.	L.55mm; W.49mm; T.36mm
1013	41	Limestone, abraded. Elongated oval in shape. Part of one face is flat and smoothed. Some pecking on opposite end.	L.108mm; W.56mm; T.44mm
1048	217	See 608.	L.35mm; W.30.5mm; T.10mm
1073	85	Quartz sandstone, fragment. The surviving face is smooth and shiny.	L.62mm; W.39.5mm; T.26mm
1135	209	Diorite. Flat oval in shape. Both faces are smooth and slightly shiny.	L.85mm; W.76mm; T.37mm
1187	85	Pink quartzite, fragment One flat smoothed face.	L.50mm; W.50mm; T.18.5mm
1193	219	Quartz sandstone, fragment. Sub-rectangular in shape with two smoothed faces.	L.50mm; W.28.5mm; T.22.5mm
1265	220	Pink quartzite. Smooth and shiny over most of the surface.	L.65mm; W.37mm; T.30mm

1267	221	Pink quartzite. Sub-triangular in shape. Smooth and shiny all over.	L.67mm; W.31mm; T.28mm
1297b	223	Metamorphic rock, abraded. Sub-spherical in shape. Parts of the surface may be worn through rubbing.	L.73mm; W.73mm; T.65mm
1341	255	Quartz sandstone, spall. Spall from a cobble with glossy residue on one face.	L.93mm; W.55mm; T.25mm
1342	255	Granite. Sub-triangular in shape. One face is flat and shiny and the upper face has a patch of glossy residue.	L.63mm; W.45mm; T.30mm
1389	253	Quartzite. One smooth shiny face.	L.38mm; W.34mm; T.23mm
1391	253	Quartz sandstone. Flat oval in shape. Rubbed and shiny on both faces.	L.80mm; W.47mm; T.26mm
1392a	U/S	Pink quartzite. Sub oval in shape. One face is flat and smoothed with some possible glossy residue which also extends down one side.	L.70mm; W.54mm; T.42mm
1392b	U/S	Pink quartzite. Sub-oval in shape. One flat face is smoothed.	L.71mm; W.50mm; T.35mm
1401	220	Limestone, abraded. Flat circular in shape. Both faces worn smooth.	L.76mm; W.66mm; T.26mm
1518	101	Limestone. Ovoid in shape. One flat face rubbed smooth.	L.47mm; W.33mm; T.24mm
1543	107	Pink quartzite. Flat oval in shape. Both faces are smoothed.	L.57mm; W.49mm; T.27mm
1544	105	Quartz siltstone. Flat oval in shape. Both faces appear flattened and smooth.	L.135mm; W.96mm; T.52mm
1650	51	Limestone. Flat oval in shape. Some rubbed areas around edges and on both faces. Light pecking too on either end.	L.73mm; W.39mm; T.23mm
1685	239	Quartz siltstone. Irregular in shape. One face may have been smoothed.	L.95mm; W.73mm; T.40mm
1692	95	Quartz sandstone. Sub-circular in shape. One flat face has been worn smooth by rubbing. Some pecking around one edge.	L.175mm; W.170mm; T.85mm

1694	14	Quartz sandstone. Irregular in shape with part of one surface smoothed.	L.75mm; W.68mm; T.52mm
1861	244	Igneous. Irregular in shape. One flattish face smooth and shiny.	L.85mm; W.48mm; T.33mm
1876	244	Pink quartzite. Sub-rectangular in shape. Smooth and shiny over most of surface.	L.53mm; W.28mm; T.21mm
1985	76	Quartz sandstone. Flat oval in shape. There is a glossy residue or polish around the edge of one face.	L.112mm; W.86mm; T.32mm
1986	76	Granite. Flat circular cobble with one face worn smooth. Large flakes have also been removed from around the edge.	L.108mm; W.101mm; T.32mm
2050	244	Limestone. Flat oval in shape. One face worn smooth.	L.82mm; W.55mm; T.27mm
2084	69	Limestone, abraded. One smoothed face.	L.25mm; W.24mm; T.13mm
2127	267	Pink quartzite. Sub-oval in shape. One flattened and smoothed face.	L.91mm; W.55mm; T.48mm
2182	269	Quartz siltstone. Flat circular in shape. Two faces worn smooth.	L.55mm; W.45mm; T.19mm
2231	270	Pink quartzite, fragment. Blocky fine-grained lump. Two/three surfaces are smooth and undulating as if from use as a sharpening stone.	L.86.5mm; W.84mm; T.56mm
2245	69	Quartz sandstone. Flat sub-triangular in shape. Worn and shiny on one face.	L.47mm; W.42mm; T.18mm
2270	285	Quartz sandstone. Sub-triangular in shape. Some shiny parts on a face.	L.78mm; W.65mm; T.32mm
2349	244	Limestone, fragment. One shiny face.	L.35mm; W.32.5mm; T.27mm
2354	139	Quartz sandstone, broken. Sub-rectangular in shape. Lower flat face is smoothed with a light polish.	L.104mm; W.62mm; T.70mm
2378	70	Quartz sandstone, spall. Probable spall from rubbing stone.	L.31mm; W.22mm; T.4.5mm
2403	253	Quartz siltstone. Sub-triangular in shape. One slightly uneven but smoothed face.	L.109mm; W.75mm; T.37mm

2412	U/S	Pink quartzite, fragment. One face has been smoothed and multi-directional striations are visible.	L.79mm; W.86mm; T.43mm
2428	76	Quartz sandstone. Small round pebble with two shiny faces.	L.35mm; W.30mm; T.18mm
2440	26	Pink quartzite, fragment. One flat polished face.	L.33mm; W.23mm; T.8mm
2455	26	Quartz sandstone, burnt fragment. Surviving faces appear smooth.	L.64mm; W.124mm; T.32mm
2488	283	Quartz sandstone. Flat oval in shape. One smoothed face.	L.49mm; W.37mm; T.24mm
2513	258	Pink quartzite. Sub-oval in shape. Especially flat and shiny on one face.	L.53mm; W.29mm; T.26mm
2630	297a	Limestone, broken. Very shiny on one flattened face. One facet also on unbroken end.	L.50mm; W.39mm; T.21mm
2674	253	Quartz sandstone. Small round pebble with shiny patches on opposite faces.	L.40mm; W.40mm; T.30mm
2679	87	Quartz siltstone. One face is particularly smooth.	L.90mm; W.53mm; T.28mm
2682	912	Dolerite. Sub-rectangular in shape. Worn shiny and smooth all over.	L.80mm; W.49mm; T.25mm
2743	948	Pink quartzite. Irregular in shape. Both undulating faces have patches of smoothing and possible glossy residue.	L.130mm; W.103mm; T.47mm
2755	951	Granite. Irregular in shape. One shiny worn face.	L.38mm; W.29mm; T.22mm
2765	1212	Pink quartzite. Flat semi-circular in shape. One face smoothed.	L.130mm; W.60mm; T.30mm
2805	965	Pink quartzite. Oval in shape. One smoothed face.	L.54mm; W.40mm; T.27mm
2891	976	Limestone. Flat circular in shape. One face flattened and smoothed.	L.90mm; W.78mm; T.36mm
3013	313	Quartz siltstone. Flat oval in shape. Both faces worn smooth.	L.27mm; W.23mm; T.13mm

3038	951	Pink quartzite. Sub-oval in shape. One flattened and smoothed face.	L.91mm; W.54mm; T.41mm
3040	958	Limestone. Flat circular in shape. One or both faces have been smoothed.	L.77mm; W.65mm; T.30mm
3056	6\14	Pink quartzite, broken. Sub-rectangular in shape. Possible smoothed faces.	L.64mm; W.31mm; T.23mm

Rounded cobbles with significantly altered faces

308	42	Limestone. Tabular cobble on which one side has been flattened and smoothed through use.	L.97mm; W.72mm; T.30mm
434	41	Quartz sandstone, fragment. One flat polished face. Refits with 1337.	L.50mm; W.42mm; T.30mm
511	98	Pink quartzite, fragment. One smooth flat face.	L.82mm; W.40mm; T.15mm
871	70	Quartz siltstone. Sub-rectangular in shape. One face has been rubbed flat and smooth and some striations are visible. There are areas of pecking on either end.	L.48mm; W.43mm; T.23mm
1027	217	Pink quartzite. Tiny fragment with one very flat face which is smooth and polished.	L.30mm; W.21mm; T.7mm
1040	85	Diorite. Sub-cuboid in shape with at least four faces which have been worn flat and smooth. One of the faces has an angled facet. There is a broad ground facet on one of the ends and a side and possibly a rougher facet on the opposite end.	L.91mm; W.75mm; T.56mm
1253	258	Quartz sandstone. Flat oval in shape. Very nice piece with flattened and smoothed faces and edges. Patches of a glossy residue especially around the edges.	L.75mm; W.55mm; T.15mm
1337	255	Quartz sandstone, burnt fragment. Refits with 434.	L.50mm; W.38mm; T.44mm
1346	258	Quartz sandstone, abraded. Irregular-shaped cobble with one flattened and smoothed face.	L.91mm; W.60mm; T.60mm
1445	43	Quartz sandstone, broken. Sub-circular in shape. One face has been worn completely flat and smooth right out to the edges. Nice piece.	L.47mm; W.74mm; T.24mm
1696	14	Quartz sandstone, broken. Ovoid in shape. One face has been flattened and smoothed and partially polished.	L.105mm; W.73mm; T.53mm
1824	247	Quartz sandstone. Flat circular in shape. One face has been flattened and smoothed. There is also a patch of pecking around the perimeter.	L.55mm; W.51mm; T.20mm

2141	270	Limestone, broken. One flattened and smoothed face.	L.57mm; W.80mm; T.62mm
2340	282	Quartz sandstone. Sub-rectangular in shape. Two contiguous faces have been worn flat and smooth and there is some polish here too.	L.117mm; W.64mm; T.54mm
2351	239	Granite, fragment. A flat smooth face has been formed on the break.	L.136mm; W.91mm; T.67mm
2656	253	Quartz siltstone. Large oval cobble with one flattened and smoothed face. Possibly pecked on either end.	L.170mm; W.115mm; T.78mm
3018	313	Quartz. Sub-triangular in shape. Highly polished, particularly on one flattened face.	L.54mm; W.47mm; T.23mm
3019	314	Mudstone. Sub-rectangular in shape. There is a high polish all over the original cortex and on parts of the broken underside. The rubbing has also formed a light bevel on one end.	L.107mm; W.35mm; T.14mm

Tabular cobbles with rubbed faces

409	43	Quartz sandstone. Tabular, fragment. Remains of a very flat face which is smoothed out to edges. Some polish/ gloss residue around the edge.	L.100mm; W.80mm; T.32mm
922	82	Quartz sandstone. Narrow tabular stone with one face worn smooth and a light bevel rubbed on one end.	L.17mm; W.24mm; T.9mm
1349	255	Rectangular in shape with one smoothed face.	L.62mm; W.45mm; T.15mm
1365	U/S	Limestone, broken. Thick tabular fragment. One flat face has been smoothed and polished. Uni-directional striations are visible.	L.145mm; W.100mm; T.58mm
1418	239	Quartz siltstone, broken. Partial survival of flat highly polished face.	L.112mm; W.102mm; T.55mm
1424	202	Quartz siltstone. Sub-triangular in plan. One flat face and one side are very smooth and almost polished. Opposite face is smoothed.	L.112mm; W.70mm; T.25mm
1453	239	Quartz sandstone. Thick tabular fragment. One face has been partially smoothed.	L.63mm; W.53mm; T.33.5mm
1461	239	Limestone, abraded. Small tabular fragment with one smoothed face.	L.58mm; W.42mm; T.18mm
1509	101	Quartz sandstone. Tabular fragment. Very slightly uneven smoothed face.	L.115mm; W.100mm; T.46mm

1662	239	Limestone, abraded. Tabular fragment with one flat smoothed face.	L.70mm; W.68mm; T.25mm
1722	10	Red sandstone. Tabular, fragment. One flat smoothed face.	L.66mm; W.63mm; T.29.5mm
2407	279	Quartz siltstone. Triangular in plan. Both faces are flat and smoothed and there is a polish on one corner.	L.86mm; W.69mm; T.19mm
2451	S/H	Igneous. Cuboid block. At least three faces appear to have been deliberately flattened and smoothed.	L.100mm; W.100mm; T.94mm
2650	297a	Quartz siltstone, broken. Tabular with curved sides. Both of the faces and all edges have been finely smoothed over original rough surface.	L.96mm; W.63mm; T.10mm
2751	1209	Calcareous siltstone, broken. Tabular. One face altered to be very flat and smoothed right out to the edges.	L.106mm; W.62mm; T.24mm
2809	1207	Quartz sandstone, broken. Tabular with one flat smoothed face.	L.42mm; W.61mm; T.12mm
2915	1225	Limestone, fragment. Tabular flake with one possible smoothed face.	L.113mm; W.99mm; T.15.5mm
2922	1226	Quartzitic schist, fragment. Tabular with one flat smoothed face.	L.75mm; W.53mm; T.29mm
2967	1226	Limestone, broken. Tabular with one smoothed face.	L.96mm; W.86mm; T.17mm
3071	255	Quartz siltstone. Trapezoidal-shaped thin slab. Uncertain as to whether deliberately shaped or not.	L.31mm; W.32mm; T.6mm

Tabular cobbles with altered edges

629	32	Tabular quartz sandstone, fragment. Surviving edge is rounded and polished.	L.49.5mm; W.37mm; T.7mm
978	43	Tabular piece of quartz sandstone. A facet formed down one side and one end bevelled.	L.100mm; W.74mm; T.12mm
1910	244	Tabular piece of calcareous siltstone, triangular in plan. The entire circumference is rounded and shiny and one long edge has been shaped to an acute angle.	L.104mm; W.68mm; T.7mm
2402	283	Tabular piece of quartz sandstone. One end has been bevelled and the opposite end is faceted. One face may have been partially smoothed.	L.87mm; W.52mm; T.18mm

2433	S/H	Tabular piece of mudstone, abraded and broken. There is a high polish down one irregular edge.	L.81mm; W.77mm; T.14mm
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Unused cobbles

60	10	Granite. Irregular-shaped boulder.	L.228mm; W.166mm; T.160mm
61	10	Limestone, abraded and broken.	L.112mm; W.72mm; T.42mm
62	10	Limestone, broken.	L.93mm; W.83mm; T.50mm
250	10	Limestone, fragment. The cortical face is most probably natural.	L.108mm; W.105mm; T.28mm
253	U/S	Granite.	L.87mm; W.72mm; T.55mm
254	U/S	Limestone, abraded and broken.	L.54mm; W.53mm; T.40mm
275	10	Limestone, abraded and broken.	L.72mm; W.90mm; T.34mm
292	10	Limestone, abraded and broken.	L.63mm; W.76.5mm; T.40mm
313	9	Granite.	L.27mm; W.23mm; T.7mm
320	29	Granite, fragment.	L.83.5mm; W.63mm; T.38mm
339	26	Quartz sandstone, burnt fragment.	L.50mm; W.48mm; T.30mm
340	10	Granite, abraded.	L.52mm; W.45mm; T.26mm
344	10	Limestone, abraded and broken.	L.38.5mm; W.59mm; T.21.5mm
493	56	Pink quartzite, fragment.	L.33mm; W.12mm; T.12mm

505	56	Limestone. Sub-spherical in shape. Nice, but most probably not used.	L.33mm; W.30mm; T.27mm
515	56	Limestone, abraded and broken.	L.50mm; W.50mm; T.53mm
536	95	Limestone, abraded.	L.125mm; W.112mm; T.52mm
545	41	Quartz sandstone, burnt fragment.	L.100mm; W.71mm; T.22mm
609	32	Limestone, abraded and broken.	L.46mm; W.29mm; T.16.5mm
625	32	Limestone, burnt fragment.	L.35mm; W.48mm; T.28.5mm
631	32	Limestone, burnt fragment.	L.69mm; W.55mm; T.32mm
672	32	Limestone, abraded and broken.	L.25mm; W.30mm; T.28mm
714	95	Limestone, abraded and broken.	L.58.5mm; W.71.5mm; T.48mm
716	66	Limestone, abraded.	L.65mm; W.55mm; T.35mm
719	51	Quartz sandstone, burnt fragment.	L.39mm; W.51mm; T.21mm
720	70	Limestone, abraded.	L.50mm; W.45mm; T.31mm
769	95	Diorite, spall.	L.75mm; W.41.5mm; T.11mm
782	202	Granite.	L.35mm; W.33mm; T.27mm
803	32	Pink quartzite. Ovoid in shape.	L.68mm; W.35mm; T.32mm
809	70	Pink quartzite.	L.72mm; W.67mm; T.40mm

814	70	Granite.	L.48mm; W.37mm; T.25mm
827	71	Limestone, abraded and broken.	L.59mm; W.38mm; T.27mm
880	208	Pink quartzite.	L.58mm; W.42mm; T.32mm
896	208	Limestone.	L.43mm; W.37mm; T.27mm
919	208	Limestone, broken.	L.52mm; W.69mm; T.19mm
921	77a	Pink quartzite.	L.67mm; W.39mm; T.29mm
923	82	Quartz sandstone, spall.	L.81.5mm; W.45mm; T.23mm
945	209	Limestone.	L.27mm; W.25mm; T.16mm
1029	41	Limestone, abraded and broken.	L.46.5mm; W.93mm; T.44mm
1063	217	Pink quartzite, fragment.	L.86.5mm; W.45mm; T.23mm
1114	217	Limestone, abraded and broken.	L.72mm; W.78.5mm; T.33mm
1139	88	Quartz sandstone, fragment.	L.75mm; W.48.5mm; T.46.5mm
1166	85	Limestone, abraded and broken.	L.72mm; W.63mm; T.42mm
1173	219	Limestone, abraded and broken.	L.89mm; W.90mm; T.23mm
1185	85	Igneous. Small and unused but very shiny cortex.	L.22mm; W.12mm; T.8mm
1202	85	Fragment.	L.17.5mm; W.20mm; T.18.5mm

1209	255	Quartz sandstone, burnt fragment.	L.74mm; W.96mm; T.40mm
1272	221	Limestone fragment.	L.47mm; W.39mm; T.28mm
1297c	223	Amphibolite, fragment.	L.126mm; W.112mm; T.59mm
1502	105	Quartz sandstone, burnt.	L.68mm; W.39mm; T.21mm
1553b	107	Quartz siltstone.	L.57mm; W.36mm; T.21mm
1614	239	Limestone, abraded and broken.	L.112mm; W.81mm; T.16mm
1632	239	Limestone, burnt fragment.	L.61mm; W.57mm; T.29mm
1660	51	Diorite, fragment. Large fragment of a boulder, most probably not artefactual.	L.201mm; W.69mm; T.84mm
1693	14	Limestone, fragment.	L.110mm; W.102.5mm; T.19mm
1701	239	Pink quartzite, spall.	L.78.6mm; W.31.5mm; T.31.5mm
1756	239	Limestone, abraded and broken.	L.69mm; W.54mm; T.14mm
1757	244	Limestone.	L.61mm; W.39mm; T.25mm
1869	244	Limestone, abraded and broken.	L.98mm; W.70mm; T.41mm
1911	244	Limestone, abraded.	L.56mm; W.38mm; T.32mm
1970	244	Quartz sandstone.	L.22mm; W.18mm; T.16mm
2062	76	Limestone, abraded.	L.95mm; W.55mm; T.34mm

2101	88	Quartz sandstone.	L.50mm; W.38mm; T.30mm
2109	270	Quartz siltstone.	L.42mm; W.32mm; T.21mm
2111	87	Quartz siltstone.	L.90mm; W.54mm; T.30mm
2145	244	Limestone. Thin natural slab.	L.208mm; W.178mm; T.16mm
2152a	267	Quartz sandstone, burnt fragment.	L.64mm; W.58mm; T.24mm
2152b	267	Quartz sandstone, burnt fragment.	L.62mm; W.52mm; T.36mm
2213	283	Pink quartzite.	L.50mm; W.33mm; T.26mm
2350	239	Psammite, spall.	L.67.5mm; W.33mm; T.26mm
2355	244	Pink quartzite, fragment.	L.17.5mm; W.31mm; T.23mm
2371	285	Limestone, burnt.	L.60mm; W.39mm; T.39mm
2388	70	Limestone. Finger-like pebble.	L.65mm; W.22mm; T.20mm
2456	26	Limestone, abraded and broken. Refits with 2577.	L.107mm; W.78mm; T.33mm
2527	291	Red sandstone.	L.72mm; W.77mm; T.45mm
2557	902	Quartz sandstone, abraded and broken.	L.48mm; W.98mm; T.20mm
2577	9	Limestone, abraded and broken. Refits with 2456.	L.107mm; W.78mm; T.33mm
2597	1000	Natural spar of calcite.	L.49mm; W.35mm; T.33mm

2669	253	Pink quartzite, fragment.	L.65mm; W.43mm; T.24mm
2688	1104	Granite, fragment.	L.26mm; W.54mm; T.25mm
2744	948	Limestone, abraded and broken.	L.63.5mm; W.57mm; T.36mm
2746	949	Limestone, abraded.	L.52mm; W.48mm; T.18mm
2748	947	Gneiss.	L.85mm; W.74mm; T.28mm
2754	1209	Limestone. Three small pebbles.	L.20mm; W.20mm; T.8mm
2763	1212	Pink quartzite.	L.76mm; W.50mm; T.49mm
2807	962	Limestone, abraded.	L.108mm; W.67mm; T.22mm
2832	965	Granite.	L.40mm; W.34mm; T.20mm
2844	977	Metadolerite, broken.	L.141mm; W.86mm; T.63mm
2854	976	Metamorphic.	L.72mm; W.60mm; T.35mm
2861	1226	Metamorphic, fragment.	L.16.5mm; W.21mm; T.17mm
2889	1218	Limestone.	L.48mm; W.34mm; T.29mm
2906	1219	Quartz sandstone, fragment.	L.235mm; W.117mm; T.28.5mm
2959	1226	Limestone, abraded and broken.	L.40mm; W.41mm; T.19mm
2962	1226	Quartz sandstone.	L.61mm; W.47mm; T.15mm

2966	1226	Limestone, abraded and broken. Tabular fragments.	L.107mm; W.60mm; T.38mm
2992	1231	Limestone, abraded and broken.	L.74mm; W.73mm; T.60mm
2993	1212	Quartz sandstone, fragment.	L.14mm; W.33mm; T.28mm
3014	313	Limestone, abraded.	L.48mm; W.46mm; T.40mm
3032	313	Quartz.	L.26mm; W.22mm; T.15mm
3034	1219	Limestone, abraded and broken.	L.67mm; W.52mm; T.27mm

Burnt pieces, unidentifiable

No sign of use or modification: classified as burnt unidentifiable lithic pieces.

279	14	
296	10	
328	3	
523	U/S	
576	95	
641	32	
748	56	
793	71	
1019	82	
1079	85	
1390	S/H	
1420	22	
1513	101	
2074	76	
2450	26	
2522	71	
2687	1101	
2689	1104	
2964	1226	

Grinding slabs

47	6	Sub-rectangular slab of granite, possibly burnt. The upper face which has been worked smooth is flaking off. Both long sides are undulating but smoothed and polished. C.F. 115.	L.215mm; W.114mm; T.40mm
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115	26	Sub-rectangular slab of granite. One face has been worn right out to the edges and this is flat but not as smooth as others of this type. Most heavily worn around the outer edge. One long side is undulating and smooth and polished.	L.340mm; W.150mm; T.60mm
215	?6	Sub-rectangular slab of granite. One face has been worn right out to the edges. This is slightly convex in cross-section and smooth, particularly around the edges.	L.270mm; W.14mm; T.65mm
226	14	Fragment of a slab of granite. One flat face has been worn smooth right out to the edges. Particularly smooth around the outer rim.	L.139mm; W.165mm; T.72mm
285	14	Sub-rectangular slab of granite. One face has been worn right out to the edges. This face is slightly irregular but the raised areas are most heavily worn and quite smooth. Most heavily smoothed around the outer edge.	L.255mm; W.200mm; T.70mm
286	?6	Sub-rectangular slab of granite. One face has been worn right out to the edges. This face is flat and very smooth and polished especially around the edges.	L.295mm; W.170mm; T.70mm
683	51	Sub-rectangular slab of fine-grained sandstone. There are areas of smoothing on one face which extend out to one edge. The side contiguous to this edge is also worn flat and smooth. Some smoothing on the opposite face too.	L.230mm; W.100mm; T.70mm
822	32	Fragment of quartz sandstone with smoothed face. Probable grinding slab.	L.118mm; W.107mm; T.68mm
1361	S/H	Sub-rectangular block of quartz sandstone. One face has been worn right out to the edges and is very slightly convex in cross-section and smooth.	L.300mm; W.170mm; T.68mm
1393	293	Fragment of a slab of quartz siltstone. Worked face has been worn right out to the edges.	L.78mm; W.48mm; T.42.5mm
1447	43	Fragment of a slab of quartz sandstone. One face has been flattened and smoothed particularly around the outer edge.	L.160mm; W.99mm; T.49mm
1689	6	Fragment of a sub-rectangular block of quartz sandstone. One face is very smooth and has been worked right out to the edges.	L.195mm; W.98mm; T.84mm
2119	267	Slab of coarse-grained granite. Ovoid in plan with a rounded base. The worked surface is smooth and it is worn right out to the edges.	L.370mm; W.260mm; T.90mm
2246	270	Sub-rectangular block of quartzite. One face has been worn right out to the edges and this is very smooth.	L.280mm; W.160mm; T.82mm
2313		Trapezoidal-shaped slab of limestone, abraded. One face may have been worn smooth although this is difficult to determine because of abrasion.	L.310mm; W.182mm; T.42mm
2664	257	Half of a large coarse-grained sandstone cobble, abraded. The broken face has been flattened and smoothed.	L.250mm; W.160mm; T.48mm

Fist-type grinders

209	47	Syenite. Shaped by flaking and then ground over most of this upper surface to a rough, sub-spherical form. Part of one side bears polish over an irregular surface. Base is very flat and polished.	L.102mm; W.85mm; T.72mm
876	203	Ultra-basic rock. Probable blank. Shaped by flaking to form a hump-back with flattish sides. The piece has then been pecked/ground along the long axis and one side bears polish. Base is still roughly worked, no smoothing or polishing.	L.105mm; W.53mm; T.85mm
1297a	223	Amphibolite. Shaped by flaking to form a hump-back with flattish sides. Pecked/ground along long axis. One side is polished over irregular surface. Base is very flat and polished.	L.79mm; W.53mm; T.60mm
1323	257	Amphibolite. Shaped by flaking to form a hump-back with flattish sides. Pecked/ground along long axis. One side has smoothing over an irregular surface. Base is very flat and polished with visible uni-directional striations.	L.109mm; W.58mm; T.92mm

Perforated pieces and spindle whorls

6	1	Limestone slab, abraded, trapezoidal in plan. A perforation has been made off-centre and a semi-circular groove is aligned with the hole on the narrow edge. Probably some sort of weight. Hole 28mm x 16mm; groove 28mm; 18mm.	L.180mm; W.170mm; T.25mm
44	6	Irregular-shaped lump of vesicular limestone. Resembles a piece of pumice. There is a perforation at one end, which may be an enhanced natural perforation. Diameter of hole 8mm.	L.37mm; W.25mm; T.14mm
1886	244	Bead. Quartz siltstone. Circular, with a flat cross-section and straight sides. Ground and polished all over. Straight-sided central perforation.	L.17mm; W.17mm; T.7mm
2449	26	Spindle whorl. Limestone. Ground all over to form a circular shape with a flat cross-section and rounded edges. The central perforation has a slightly skewed biconical cross-section, 12mm in diameter.	L.40mm; W.40mm; T.15mm
3006	309	Spindle whorl. Limestone, burnt fragment. Circular in plan with a flattish cross-section and rounded edges. Most probably originally ground to shape. Central conical-shaped perforation.	L.48mm; W.48mm; T.13mm

Stone discs and counters

607	32	Small stone disc. Thick tabular piece of limestone. Roughly chipped around the edge to form a sub-circular outline.	L.40mm; W.37mm; T.12mm
840	97	Stone disc. Slab of quartz sandstone which has been flaked bifacially around the edge to form an oval shape. Patches of red discolouration on one face may indicate heat damage.	L.185mm; W.165mm; T.15mm
1161	219	Small stone disc. Thick tabular piece of limestone. Roughly chipped around the edge to form a sub-circular outline.	L.48mm; W.46mm; T.13mm
1921	14	Stone disc. Tabular piece of quartz feldspar sandstone. Chipped bifacially around most of perimeter to form a roughly triangular shape.	L.175mm; W.165mm; T.17mm

2432	270	Limestone. Probable counter. Disc-shaped. Ground all over to form flattish faces and a rounded edge.	L.13mm; W.13mm; T.8mm
3047	994	Small stone disc. Thick tabular piece of limestone. Roughly chipped around the edge to form a sub-circular outline.	L.33mm; W.29mm; T.15mm
3066	82	Quartz sandstone, abraded. Probable counter but too abraded to determine whether it is ground or not.	L.14mm; W.14mm; T.4mm

Bracelets

161	29	Dark green-black igneous or metamorphic rock. Fragment. The bracelet has been ground and polished all over and it has an oval cross-section. Inner diameter 67mm; outer diameter 95mm. 14mm thick.	L.52mm; W.12mm; T.14mm
773	32	Dark green-brown ultra-basic rock. Fragment. The bracelet has been ground and polished all over and it has a D-shaped section. 13mm thick.	L.27mm; W.13mm; T.13mm
1839	244	Small cylindrical-shaped object of ?siltstone. Surface has been polished but either end has been more roughly ground to form convex surfaces. A small conical hole has been made on one side ?attempted perforation. Probable reworked bracelet fragment.	L.13mm; W.14mm; T.14mm
2521	290	Amphibolite or basic igneous rock. Fragment. The bracelet has been ground and polished all over and has a circular section. Probable internal diameter of 73mm. 16mm wide and thick.	L.40mm; W.17.5mm; T.15mm

Hones and whetstones

11	6	Whetstone made of a finger-shaped pebble of limestone, broken across width. Probable light use as a whetstone with no significant alteration of the pebble surface. Possibly originally perforated? See 128.	L.85mm; W.25mm; T.18mm
41	6	Hone made of quartz sandstone. It has a rectangular cross-section with artificially smoothed faces which are slightly waisted towards the centre. On one face a single well-defined V-shaped groove runs along the length of the hone.	L.155mm; W.53mm; T.26mm
54	56	Hone made of quartz sandstone, fragment. It has a rectangular cross-section with artificially smoothed faces which are slightly waisted towards the centre. On one face a single well-defined V-shaped groove runs along the length of the hone.	L.67mm; W.38mm; T.30mm
128	10	Limestone fragment. Straight-sided perforation placed at one end of a probable finger-shaped pebble. Possibly part of a whetstone (see 11) which was perforated for suspension.	W.27mm; T.23mm
916	203	Hone made of quartz sandstone, broken. Rectangular cross-section with artificially flat and smoothed faces. The breakage bisects a single well-defined V-shaped groove running down the length of the hone probably used for sharpening a pin or blade.	L.91mm; W.58mm; T.21mm
2384	253	Whetstone. Flat, narrow, spatulate-shaped pebble of quartz sandstone. Some striations on one face possibly from use as a whetstone.	L.140mm; W.27mm; T.8mm

2662	253	Very fine perforated whetstone of quartz siltstone. It has an expanded head with a central biconical-sectioned perforation. The shank has been worn to a rectangular cross-section with rounded edges and it tapers to a multi-faceted tip. Polished all over.	L.87mm; W.15mm; T.10mm
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Ground and polished micaceous siltstone

All of these pieces are made on quartz mica siltstone, most are unidentifiable

452	41	Small flake from a highly polished object. Abrupt curve on one side of dorsal edge.	L.23mm; W.13mm; T.4mm
643	51	Polished piece. Stubby and sub-rectangular in cross-section. Both ends originally shaped to a slight curve. Both ends damaged. Refits with 2461 a flake from one of the ends.	L.40mm; W.21mm; T.18mm
800	32	Tabular fragment, badly damaged. Possibly polished on one uneven face. On the opposite face there is smoothing with visible multi-directional striations.	L.97mm; W.75mm; T.20mm
2129	270	Fragment. Surviving curved face is highly polished with visible multi-directional striations.	L.47mm; W.56mm; T.20mm
2189	269	Tabular fragment. Polished all over with visible striations. The edges are formed by narrow rubbed facets with some flake damage. 10mm thick.	L.45mm; W.40mm; T.8.5mm
2461	270	Fragment. Polished. Refits with 643.	L.29mm; W.20.5mm; T.6.5mm

Stone balls

865	208	Sub-spherical ball of pink sandstone. Probably pecked or ground to shape with one definite flattened face.	L.74mm; W.73mm; T.68mm
2005	26	Sub-spherical ball of limestone, abraded and broken. Probably pecked to shape although difficult to determine because of surface abrasion.	L.57mm; W.68mm; T.69mm
2195	269	Sub-spherical ball of limestone. There is pecking over the ball to shape it with particular emphasis on the ends. One flattened face. A brown stain on the pecked areas may be from substances processed, or else the stain was to colour the piece.	L.75mm; W.73mm; T.71mm

Bevelled and polished cobble

1065	217	Sub-triangular buff quartzite pebble. Broad end has finely-shaped bevel which is polished. Very nice.	L.62mm; W.45mm; T.20mm
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Appendix 1.15 Flaked Lithics Catalogue (A. Clarke)

Flaked Lithics

Find No.	Feature	Description	Dimensions
1	1	Chert. Flake core with cortex on one face. Flaked from opposed platforms, one cortical, the other flat inner.	L.30mm; W.39mm; T.14mm
17	U/S	Chert. Three large blocky chunks most likely to be natural.	L.80mm; W.50mm; T.44mm; L.50mm; W.48mm; T.22mm; L.35mm; W.22mm; T.17mm
72	10	Small chunk of orange flint. Heavily patinated.	L.15mm; W.13mm; T.8mm
87	14	Not seen. Small piece with one smooth surface. The rest are rough and uneven.	L.13mm; W.15mm; T.8.5mm
221	26	Chert. Flake core, without cortex. Irregular flaking from opposed platforms.	L.33mm; W.47mm; T.28mm
278	14	Chert. Blocky inner chunk possibly natural.	L.45mm; W.24mm; T.13mm
300	9	Chert. Small multi-platform flake core. With cortex.	L.30mm; W.13mm; T.12mm
343	10	Chert. Blocky inner chunk possibly natural.	L.32mm; W.15mm; T.12mm
407	43	Chert. Broken inner flake.	L.20mm; W.18mm; T.8mm
519	56	Chert. Inner flake.	L.20mm; W.17mm; T.11mm
520	98	Chert. Probable fragment from a scalar core. Without cortex.	L.52mm; W.17mm; T.7mm
525	98	Chert. Inner flake.	L.20mm; W.15mm; T.11mm

537	98	Grey flint. Retouched inner flake. Steep retouch around most of the edge of this squat flake.	L.12mm; W.20mm; T.6mm
559	41	Chert. Inner chunk.	L.51mm; W.26mm; T.15mm
925	203	Chert. Inner flake, broken.	L.42mm; W.25mm; T.6mm
1032a	217	Pink quartzite. Primary flake.	L.43mm; W.47mm; T.12mm
1032b	217	Pink quartzite. Primary flake.	L.26mm; W.25mm; T.7mm
1127a	216	Chert. Inner chunk.	L.50mm; W.27mm; T.15mm
1127b	216	Chert. Inner flake.	L.30mm; W.5mm; T.5mm
1132	88	Chert. Blocky inner chunk most probably natural.	L.44mm; W.26mm; T.17mm
1138	88	Chert, ?burnt. Inner flake, broken.	L.27mm; W.20mm; T.9mm
1182	217	Chert. Inner, broken blade-like flake.	L.22mm; W.10mm; T.4mm
1189	88	Chert. Inner flake.	L.18mm; W.30mm; T.10mm
1197	219	Chert. Inner flake.	L.22mm; W.18mm; T.7mm
1258	255	Chert. Inner flake.	L.30mm; W.40mm; T.14mm
1364	221	Chert. Inner flake, burnt.	L.35mm; W.21mm; T.7mm
1373	U.S.	Chert. Probably a natural chunk. ?burnt.	L.27mm; W.14mm; T.9mm
1536	107	Chert. Retouched inner flake. Shallow edge retouch on distal end and right lateral.	L.23mm; W.22mm; T.8mm

1900	244	Chert. Inner flake, broken.	L.20mm; W.25mm; T.5mm
1923a	257	Chert. Inner flake.	L.35mm; W.30mm; T.14mm
1923b	257	Chert. Inner flake.	L.22mm; W.20mm; T.5mm
1923c	257	Chert. Inner flake.	L.22mm; W.17mm; T.4mm
1923d	257	Chert. Inner flake.	L.28mm; W.20mm; T.6mm
1923e	257	Chert. Inner flake.	L.22mm; W.9mm; T.3mm
1923f	257	Chert. Inner flake.	L.18mm; W.10mm; T.1mm
1923g	257	Chert. Inner flake.	L.15mm; W.17mm; T.4mm
1923h	257	Chert. Inner flake.	L.14mm; W.16mm; T.4mm
1923i	257	Chert. Inner flake.	L.17mm; W.10mm; T.3mm
1923j	257	Chert. Inner chunk.	L.23mm; W.13mm; T.7mm
1923k	257	Chert. Inner chunk.	L.15mm; W.10mm; T.5mm
1923l	257	Chert. Inner chunk.	L.12mm; W.12mm; T.5mm
1923m	257	Chert. Inner chunk.	L.5mm; W.5mm; T.2mm
1937	244	Chert. Not seen but identified as a blade.	L.11mm; W.7mm; T.2mm
1952	244	Chert. Broken inner blade-like flake.	L.20mm; W.17mm; T.5mm

1972	244	Chert. Inner flake.	L.22mm; W.26mm; T.7mm
2100	267	Chert. Inner flake.	L.20mm; W.25mm; T.5mm
2105	247	Chert. Inner flake.	L.21mm; W.14mm; T.4mm
2153	270	Chert. Inner flake.	L.23mm; W.25mm; T.6mm
2161	?253	Chert. Inner flake, broken.	L.44mm; W.42mm; T.5mm
2179	282	Chert. Inner flake.	L.20mm; W.18mm; T.6mm
2185	253	Chert. Inner flake, broken.	L.26mm; W.36mm; T.7mm
2194	282	Chert. Inner chunk.	L.16mm; W.13mm; T.7mm
2201	253	Chert. Fine double-edged scalar core. Without cortex.	L.27mm; W.17mm; T.6mm
2204	253	Chert. Amorphous core. Without cortex.	L.17mm; W.37mm; T.19mm
2206	253	Chert. Secondary flake.	L.36mm; W.31mm; T.15mm
2280	285	Chert. Inner flake, broken.	L.25mm; W.19mm; T.6mm
2291	267	Chert. Inner flake.	L.38mm; W.19mm; T.9mm
2311	270	Chert. Nice thumbnail scraper made on a stubby inner flake.	L.17mm; W.18mm; T.8mm
2334	257	Chert. Inner flake.	L.36mm; W.31mm; T.15mm
2339	270	Chert. Inner chunk.	L.40mm; W.25mm; T.18mm

2356	238	Chert. Single -platform core with flake removal. Without cortex.	L.20mm; W.52mm; T.35mm
2393	88	Chert. Inner flake.	L.33mm; W.20mm; T.14mm
2421	10	Chert. Inner chunk.	L.25mm; W.17mm; T.8mm
2470	S/H	Chert. Inner flake.	L.37mm; W.11mm; T.10mm
2539	289	Chert. Inner, blade-like flake.	L.23mm; W.12mm; T.5mm
2549	239	Chert. Inner flake, broken.	L.20mm; W.27mm; T.7mm
2556	297	Chert. Secondary chunk.	L.18mm; W.10mm; T.8mm
2646	297a	Chert. Multi-platform flake core. Without cortex.	L.31mm; W.30mm; T.15mm
2657	297a	Chert. Inner flake, burnt, broken.	L.21mm; W.24mm; T.7mm
2686	902	Chert. Irregular flaked chunk. Without cortex.	L.25mm; W.20mm; T.15mm
2732	1018	Chert. Inner chunk.	L.41mm; W.27mm; T.15mm
2756	1209	Chert. Inner flake.	L.35mm; W.35mm; T.14mm
2780	1218	Chert. Inner, thick, blade-like flake. Possible light, nibbling retouch down right lateral edge.	L.38mm; W.25mm; T.12mm
2783	1218	Chert. Inner flake.	L.19mm; W.14mm; T.5mm
2817	1204	Chert. Inner chunk, probably natural.	L.60mm; W.34mm; T.18mm
2818	1204	Chert. Inner flake.	L.42mm; W.43mm; T.12mm

2835	1224	Flint. Small chip, patinated.	L.10mm; W.14mm; T.4mm
2839	1224	Chert. Secondary flake.	L.35mm; W.21mm; T.5mm
2855	976	Pink quartzite. Platform core with cortex. Flakes removed from inner flat platform.	L.30mm; W.42mm; T.39mm
2866	1226	Chert. Inner flake.	L.32mm; W.15mm; T.4mm
2892	1219	Chert. Inner flake, broken.	L.18mm; W.15mm; T.3mm
2903	1219	Chert. Inner flake.	L.27mm; W.24mm; T.6mm
2928	1225	Chert. Inner chunk.	L.12mm; W.7mm; T.5mm
2968	1200	Chert. Inner flake.	L.16mm; W.9mm; T.4mm
2286	286	Chert. Five blocky chunks, two with cortex, most probably natural.	L.63-17mm; W.55-15mm; T.27-5mm
2332a	244	Chert. Inner chunk.	L.35mm; W.22mm; T.9mm
2332b	244	Chert. Inner chunk.	L.19mm; W.6mm; T.6mm
2485a	290	Chert. Inner flake.	L.44mm; W.31mm; T.12mm
2485b	290	Chert. Inner chunk.	L.37mm; W.33mm; T.19mm
3050a	3	Chert. Blocky inner chunk, most probably natural.	L.31mm; W.22mm; T.9mm
3050b	3	Chert. Single-edged scalar core. Without cortex.	L.43mm; W.23mm; T.11mm

Pumice Catalogue (A. Clarke and A. Newton) [Appendix 1.16 in Vol. 3]

Pumice lumps which exhibit worn faces and grooves or else just with grooves

Find No.	Feature	Description	Dimensions
237	21	Worn faces make a cuboid shape. Possibly some very shallow grooving on the faces.	L.23mm; W.21mm; T.20mm
530	98	Nice piece. At least four U-shaped grooves worn at angles around the surface of the piece. Grooves 6mm-8mm wide.	L.41mm; W.33mm; T.27mm
624	51	One concave worn face across which there are two light narrow grooves.	L.37mm; W.21mm; T.19mm
781	32	A series of three U-shaped grooves, 6mm wide, run around the piece.	L.43mm; W.36mm; T.25mm
957	203	One convex worn face with a U-shaped groove 7mm wide running across it. One other shallower groove 11mm wide, along one side.	L.42mm; W.32mm; T.19mm
1009	85	Slightly worn faces with a possible shallow worn U-shaped groove.	L.30mm; W.25mm; T.20mm
1070	217	Two possible grooves which are very shallow.	L.28mm; W.19mm; T.19mm
1326	253	Shallow U-shaped groove, 7mm wide, running across a skewed worn face.	L.38mm; W.31mm; T.18mm
1843	244	Shallow U-shaped groove across one face.	L.30mm; W.25mm; T.18mm
2149	244	Sub-triangular piece with at least three short, U-shaped grooves running at angles across faces.	L.55mm; W.53mm; T.28mm
2180	281	Wide shallow U-shaped groove.	L.25mm; W.23mm; T.15mm
2492	283	One face has two wide, very shallow U-shaped grooves.	L.43mm; W.32mm; T.22mm

Pumice lumps with one or more worn faces

198	42	Some flat, worn faces. Sampled by A. Newton.	L.40mm; W.35mm; T.27mm
333	2\6	One concave, worn face. Sampled by A. Newton.	L.54mm; W.40mm; T.38mm

334	2\6	Sampled by A Newton.	L.38mm; W.31mm; T.19mm
335	2\6	One convex, worn face.	L.37mm; W.30mm; T.20mm
357	41	One face worn flat. Opposite face worn to a concave cross-section.	L.37mm; W.31mm; T.20mm
360a	5	One concave face worn at the end.	L.37mm; W.32mm; T.18mm
360b	5	Opposite faces possibly worn.	L.46mm; W.33mm; T.15mm
408	43	One face worn to be skewed in profile.	L.31mm; W.31mm; T.28mm
440	41	Large piece with one long flat face and perpendicular to this is a worn skewed face.	L.70mm; W.33mm; T.27mm
501	56	Circular in plan. Both faces are worn flat, one at an angle. The sides are rubbed and faceted too.	L.23mm; W.20mm; T.15mm
568	41	Large fragment with remains of a worn skewed face.	L.57mm; W.40mm; T.43mm
578	95	Four faces worn flat give a rectangular cross-section.	L.30mm; W.15mm; T.14mm
658a	66	Rounded lump with one flat worn face.	L.48mm; W.32mm; T.25mm
704	208	Generally smoothed faces, two of which are concave.	L.41mm; W.35mm; T.25mm
709	208	Two flat worn faces.	L.25mm; W.18mm; T.14mm
718	51	Possibly one worn skewed face.	L.45mm; W.30mm; T.22mm
722	56	Rounded lump with one long edge worn to a slightly concave face.	L.68mm; W.45mm; T.38mm
727	202	Large fragment with remains of a worn skewed face.	L.46mm; W.42mm; T.30mm

765	10	Three of the worn faces are skewed and form ridges between the worked areas.	L.41mm; W.28mm; T.27mm
879	203	Both faces worn slightly skewed.	L.38mm; W.24mm; T.13mm
883	203	One smoothed flattish face with a bevel formed along one edge.	L.37mm; W.27mm; T.15mm
891	208	One flat worn face.	L.30mm; W.20mm; T.12mm
894	203	Opposite faces worn flat.	L.40mm; W.20mm; T.12mm
903	203	One deeply worn concave face.	L.58mm; W.35mm; T.25mm
914	208	Two worn contiguous faces. Convex and concave.	L.37mm; W.37mm; T.23mm
917	203	Two worn concave faces form an angle to each other.	L.33mm; W.30mm; T.23mm
930	203	One worn concave face.	L.30mm; W.28mm; T.18mm
933	82	Fragment. Opposite faces are heavily worn, one face flat and other concave.	L.40mm; W.28mm; T.16mm
934	77	One flattish face and three concavely worn faces.	L.52mm; W.35mm; T.25mm
953	82	Irregular piece with two worn faces down long sides.	L.60mm; W.55mm; T.30mm
955	203	Large piece. Opposite faces are worn very slightly convex in section.	L.68mm; W.48mm; T.32mm
956	82	One slightly concave face on rounded lump.	L.34mm; W.25mm; T.18mm
986	82	Rounded lump with one flat worn face.	L.30mm; W.24mm; T.20mm
987	82	One face appears to have been worn to an irregular concave section.	L.45mm; W.34mm; T.26mm

1018	82	One possible smoothed face.	L.27mm; W.17mm; T.12mm
1036	217	Heavily worn piece. Two concave faces and one convex face give this piece an unusual shape.	L.32mm; W.27mm; T.21mm
1055	217	Flat, sub-triangular in shape with large vesicles. At least one side has been worn flat.	L.78mm; W.67mm; T.30mm
1064	217	One flat, worn face.	L.22mm; W.21mm; T.14mm
1074	216	One worn side forms a slight point.	L.25mm; W.21mm; T.15mm
1080	217	Nice concave face, almost dished.	L.37mm; W.33mm; T.15mm
1174	219	One worn concave face.	L.22mm; W.22mm; T.12mm
1218	255	One irregularly-smoothed face.	L.37mm; W.26mm; T.15mm
1222	253	One concave almost dished face.	L.34mm; W.26mm; T.20mm
1225	219	Rounded lump with one slightly concave face.	L.21mm; W.21mm; T.21mm
1236	255	One worn concave face.	L.48mm; W.35mm; T.25mm
1248	255	Two flat faces worn at angles to form a wedge-shaped piece.	L.40mm; W.27mm; T.25mm
1276	255	Two contiguous worn faces form a wedge shape.	L.38mm; W.21mm; T.12mm
1281	253	Opposite faces worn flat.	L.32mm; W.28mm; T.13mm
1283	220	One skewed worn face.	L.35mm; W.24mm; T.18mm
1288	220	Some irregularly-worn faces.	L.52mm; W.44mm; T.39mm

1321	220	One worn concave face.	L.35mm; W.25mm; T.15mm
1339	255	Possibly one worn skewed face.	L.32mm; W.22mm; T.20mm
1414	202	Rounded lump with one worn skewed face.	L.35mm; W.26mm; T.19mm
1464	230	One face worn flat.	L.47mm; W.24mm; T.21mm
1492	239	One worn concave face.	L.34mm; W.24mm; T.20mm
1499	239	At least one worn, concave face.	L.21mm; W.18mm; T.11mm
1512	101	Fragment. One face slightly worn.	L.23mm; W.14mm; T.11mm
1604	239	Sub-triangular in shape. At least two worn faces.	L.30mm; W.25mm; T.19mm
1637	219	One small flat worn face.	L.19mm; W.17mm; T.17mm
1714	239	One flat, worn face.	L.29mm; W.23mm; T.19mm
1770	244	One concave worn face.	L.46mm; W.34mm; T.14mm
1789	244	Irregular piece with at least three worn skewed faces. Two contiguous faces make a wedge shape.	L.65mm; W.50mm; T.40mm
1809	244	One very flat, worn face.	L.20mm; W.22mm; T.22mm
1815	244	One worn concave face.	L.22mm; W.22mm; T.16mm
1845	244	One very flat, worn face.	L.35mm; W.42mm; T.33mm
1856	244	Slightly worn faces give a cuboid shape.	L.27mm; W.25mm; T.17mm

1884	244	One slightly skewed worn face.	L.43mm; W.34mm; T.22mm
1958	244	One nice flat worn face.	L.35mm; W.31mm; T.16mm
1995	244	One irregular worn face.	L.46mm; W.28mm; T.10mm
2098	S/H	One large flat face and two smaller flat faces at angles to it.	L.65mm; W.38mm; T.28mm
2164	281	One slightly irregular worn face	L.43mm; W.34mm; T.22mm
2183	269	One worn slightly uneven face. Possible tracking from slight grooves?	L.40mm; W.30mm; T.23mm
2184	253	Two contiguous flat faces form a right-angled edge. One slightly worn concave face.	L.25mm; W.23mm; T.20mm
2192	269	One convex worn face.	L.50mm; W.26mm; T.23mm
2208	285	One flat worn face.	L.38mm; W.24mm; T.16mm
2303	217	One worn convex face.	L.18mm; W.16mm; T.12mm
2319	267	Triangular in shape with at least two worn faces.	L.27mm; W.23mm; T.16mm
2372	255	One worn slightly concave face.	L.30mm; W.28mm; T.14mm
2385	253	Large vesicles. Probably one worn flat face.	L.55mm; W.41mm; T.23mm
2453	279	One face worn slightly skewed and another worn flat. These two face meet to form a wedge shape.	L.48mm; W.35mm; T.26mm
2481	279a	Faces generally very worn. One concave face.	L.36mm; W.31mm; T.23mm
2519	71	One concave, almost dished face.	L.38mm; W.33mm; T.16mm

2550	291	One small flat worn face.	L.46mm; W.38mm; T.32mm
2562b	297	Faces worn to an angle.	L.32mm; W.20mm; T.17mm
2585	85	Rounded lump with possible smoothed surface.	L.41mm; W.32mm; T.23mm
2638	289	One worn convex face.	L.37mm; W.28mm; T.17mm
2733	938	One irregularly-smoothed face.	L.36mm; W.27mm; T.25mm
2792	956	Flat and circular in plan. The lower face has been worn to a concave section.	L.45mm; W.38mm; T.17mm
2890	1220	One face worn flat, another face worn slightly skewed.	L.27mm; W.25mm; T.19mm
2938	1226	One face worn flat, another face perpendicular to the first is also flat and an angular edge is formed.	L.38mm; W.26mm; T.21mm
3046	984	One long face worn flat.	L.52mm; W.22mm; T.18mm
3057a	267	Worn all over. Two contiguous faces form a wedge-shape.	L.40mm; W.18mm; T.15mm
3057b	267	One slightly convex face.	L.40mm; W.36mm; T.25mm
4008	403	Sub-triangular shape with at least two worn faces.	L.40mm; W.35mm; T.30mm

Rounded lumps which do not appear worn

675	70		L.44mm; W.37mm; T.18mm
733	202		L.35mm; W.35mm; T.12mm
847	208		L.40mm; W.31mm; T.22mm
954	210		L.30mm; W.24mm;

			T.15mm
981	82		L.41mm; W.36mm; T.21mm
982	82		L.35mm; W.34mm; T.25mm
985	43	?Possible worn faces	L.28mm; W.19mm; T.16mm
996	82		L.19mm; W.15mm; T.14mm
1012	41		L.48mm; W.25mm; T.18mm
1066	82		L.51mm; W.38mm; T.25mm
1118	216	?Possible worn faces	L.35mm; W.24mm; T.13mm
1194	219		L.25mm; W.22mm; T.15mm
1232	255		L.24mm; W.22mm; T.11mm
1245	253	?Possible worn faces	L.47mm; W.34mm; T.25mm
1263	255	?Possible worn faces	L.27mm; W.27mm; T.13mm
1264	255	?Possible worn faces	L.25mm; W.20mm; T.17mm
1284	255		L.18mm; W.16mm; T.12mm
1289	220	?Possible worn faces	L.37mm; W.30mm; T.25mm
1303	220		L.31mm; W.22mm; T.18mm

1319	253		L.33mm; W.27mm; T.22mm
1623	241		L.19mm; W.18mm; T.11mm
1803	244	?Possible worn faces	L.23mm; W.18mm; T.14mm
1841	244	?Possible worn faces	L.27mm; W.18mm; T.13mm
1878	244	Very smooth finish	L.23mm; W.22mm; T.20mm
1959	244		L.37mm; W.28mm; T.22mm
2114	87		L.32mm; W.25mm; T.25mm
2126	267		L.46mm; W.31mm; T.30mm
2225	267	?Possible worn faces	L.48mm; W.42mm; T.25mm
2230	267		L.27mm; W.14mm; T.11mm
2235	283		L.34mm; W.22mm; T.17mm
2259	267		L.32mm; W.24mm; T.13mm
2373	255		L.23mm; W.20mm; T.13mm
2380	253		L.24mm; W.15mm; T.12mm
2476	283	?Possible worn faces	L.38mm; W.28mm; T.21mm
2592	290		L.37mm; W.28mm; T.20mm

2668	253		L.33mm; W.33mm; T.19mm
2893	1226		L.42mm; W.28mm; T.18mm
2900	1219		L.23mm; W.17mm; T.11mm
2562a	297		L.17mm; W.16mm; T.14mm
658b	66		L.28mm; W.22mm; T.17mm

Angular lumps of pumice which appear to be unworked

1567	41	Fragment	L.32mm; W.20mm; T.17mm
839	70		L.34mm; W.28mm; T.18mm
936	82		L.40mm; W.26mm; T.23mm
998	43		L.20mm; W.15mm; T.10mm
1122	217	Fragment. Large vesicles.	L.32mm; W.22mm; T.15mm
1175	219	Tiny fragment with large vesicles.	L.13mm; W.9mm; T.7mm
1198	219	Fragment.	L.49mm; W.39mm; T.19mm
1210	219		L.26mm; W.19mm; T.16mm
1212	255	Fragment.	L.21mm; W.15mm; T.13mm
1250	255		L.63mm; W.52mm; T.38mm
1252	253		L.36mm; W.30mm;

			T.23mm
1269	253		L.60mm; W.44mm; T.27mm
1278	221		L.40mm; W.36mm; T.25mm
1329	253	Fragment.	L.20mm; W.13mm; T.12mm
1548	107	Large vesicles.	L.34mm; W.30mm; T.27mm
1690	95	Fragment.	L.15mm; W.12mm; T.5mm
1697	95		L.25mm; W.13mm; T.8mm
1715	208		L.18mm; W.13mm; T.12mm
1718	239		L.43mm; W.23mm; T.18mm
1719	239	Large vesicles.	L.32mm; W.27mm; T.22mm
1793	244	Fragment.	L.17mm; W.9mm; T.9mm
1932	244	Fragment. Large vesicles.	L.32mm; W.26mm; T.25mm
1956	244		L.33mm; W.21mm; T.14mm
2042	76		L.35mm; W.29mm; T.29mm
2104	247		L.27mm; W.21mm; T.20mm
2258	283		L.22mm; W.22mm; T.18mm

2560	296		L.40mm; W.28mm; T.23mm
2723	938		L.44mm; W.34mm; T.26mm
2749	948		L.44mm; W.29mm; T.23mm
2790	956		L.27mm; W.22mm; T.19mm
2553	297	Fragment	L.30.5mm; W.24mm; T.20.5mm
2970	1226	Large vesicles.	L.19mm; W.15mm; T.11mm
3059	253		L.28mm; W.22mm; T.16mm

Stone Axe Catalogue (G. Cooney) [Appendix 1.17 i n Vol. 3]

Introduction to the catalogue

The drawn face is referred to as face 1, the obverse as face 2. The cutting edge is called the edge and the part of each face above the edge is referred to as the blade. The opposite end is the butt. The lateral junctions between the two faces are called the sides and the side view is referred to as the profile. The Irish Stone Axe Project number is also appended to the description where relevant. For more on the Irish Stone Axe Project see Cooney and Mandal 1998.

Find No.	Feature	Description	Dimensions
1327	253	Shale axe, ground and partially polished. Right side irregular pointed, almost straight. Numerous flakes removed, upper portion extensively flaked to produce distinct indentation or notch, for hafting. Left side straight, slightly convex, naturally flat (joint surface). Junctions with blade. Left side of edge badly chipped, right side sharper. Edge asymmetrical, straight in section. Faces are bedding planes, some grinding on lower areas. Face 1 rougher (for hafting?). Butt naturally flat, slightly oblique, has been ground flat. Profile is asymmetrical; thin, cross-section is narrow oval (one flat side). Irish Stone Axe Project: 20040.	L.112mm; W.63mm; T.20mm; Wt. 264g
2322	2	Shale axe/adze, partially ground. Left side straightish, naturally flattened. Right side concave, naturally flat. Junctions with blade. Edge blunt, may be reground, face 2. Faces, unworked bedding planes apart from slight grinding face 1. Grinding on face 1 blade is very coarse/heavy. Butt more oblique in plan than rounded. This is a cobble worked at the blade end. Profile is asymmetrical; thin, cross-section is sub-rectangular. Irish Stone Axe Project: 20041.	L.120mm; W.53mm; T.18mm; Wt. 147g
2167	269	Possible fragment of shale axehead, either of butt or junction of side and badly damaged edge. However, could be a fragment of a number of artefact types. Roughly triangular in shape, more consistent with being fragment of side of axe and edge. If so both faces ground, side round, edge very heavily chipped and damaged.	L.36mm; W.27mm; T.11mm
1065	217	Modified cobble, probably of sandstone rather than quartzite. Sides irregular, expand from the 'butt', naturally flattened. Right side concave, naturally flat. Junctions with 'blade' or broad end. This end is flat in face view and bevelled in section, with a broader area adjoining face 1 and a narrower 'blade' area adjoining face 2. This is a result of working from both faces, giving a markedly asymmetrical 'blade' profile that exhibits junctions with both faces. Broader blade area has distinct pattern of wear striae running perpendicular to the bevel. Faces flat, naturally smoothed. Face 2 appears to have substance adhering in patches to the surface. Butt end rounded in shape. This is a cobble	L.60mm; W.43mm; T.19mm

		worked at the broad end. Profile is symmetrical; medium, cross-section is sub-rectangular. Form of the object is inconsistent with it being used as an axe or in a related way. Perhaps a type of burnisher.	
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Related artefacts

452	41	Flake or spall. Dorsal surface convex with ground/smooth surface zone extending along length. Small spall from shale cobble or possibly from shale cobble utilised as a tool such as an axehead.	L.28mm; W.12mm; T.3mm
2129	270	Stone with irregular sub-rectangular cross-section and curved, smooth outer surface. Spall from shale cobble. Outer surface is not ground, appears to be from a beach cobble.	L.51mm; W.46mm; T.19mm
2599	906	Triangular shaped shale flake, broader part of face 1 (dorsal) surface is smooth (ground?). Left side shows evidence of flaking, re-working after the flake was produced. May have been detached from an axe but more likely to have been a spall or flake from a shale cobble with a naturally smooth/ ground surface, such as a beach cobble.	L.103mm; W.72mm; T.11mm