

Non Massive Tools

Sangiran Site contributes non-massive stone tools in the form of flakes, blades, and scrapers. Morphologically, they are varied in shapes, like triangle, rectangle, square, pentagon, trapezoid, round, and asymmetric. They are about 1 cm to 7 cm. The shapes and sizes are influenced by the materials used, technical factor of the makers, and function.

Generally, seen from the technology used, non-massive stone tools are characterized by the existence of striking plain to release its core zone, faceted dorsal part, bulbous on its ventral part, and primping on the left or right side as well as its tip. Non-massive stone tools are generally made from chalcedony, chert, and jasper. In Sangiran, they are found in Pucangan Formation, Grenzbank, Kabuh and Notopuro Formations. They spread almost to the whole areas of Sangiran Site in Kalijambe, Plupuh, Gemolong (Sragen), and Gondangrejo (Karanganyar) Districts.



Flakes



Blade



Scraper

Stone Tools Function

It can be assumed that stone tools are used for many purposes. It can be seen from the sizes, forms, and retouchment. Generally, based on the function, stone tools are differed into massive and non-massive stone tools.

Those that belong to massive stone tools/core stones are chopping tool, chopper, and hand axe which are used for hard activities like: cutting, hitting, cracking, digging soil, and killing animals. While stone ball is used by throwing it to the prey after the stone is tied with rope.

Non-massive stone tools like flakes, blade, and scrape are used for simple activities like peeling prey, slicing, and cutting small things.

