

APPENDIX BTools for Quarrying and DressingDimension Stones

1. Axe - A mason's tool with a head of hard tempered steel which is tapered to an edge on one or both ends and fitted with a wooden handle.
2. Boaster - A broad-faced chisel used for dressing a stone to a comparatively smooth surface.
3. Bush Hammer - A tool having from 4 to 10 thin blades of steel ground to an edge and bolted together on the handle.
4. Chisel - A steel tool having a plain shaft with a cutting edge varying from 10 to 35 mm wide, used for drafting or chiselling.
5. Claw Chisel - A tool, usually from 35 to 50 mm wide, used in conjunction with a mallet in making drafts over a stone surface, the teeth being formed to prevent the stone plucking or lifting in holes.
6. Claw Tool - A tool made of steel and similar to a steel chisel but with a clawed (toothed) removable cutting edge which fits into a slot at the base of handle.
7. Club Hammer - A tool made of durable wood and used by the mason as a hammer when working with certain steel chisels, gouges, and the like.

8. Mason's Hammer - A double faced hammer used for the roughest work, such as in shaping the stones as they come from the quarry, knocking of projections, etc.
9. Pick - A tool made of hard tempered steel tapered to a point at one or both ends and fitted with a wooden handle about 0.5 m long.
10. Pitching Tool - A tool similar to a large chisel but with a blunt edge in place of a sharp edge.
11. Point Chisel - A steel chisel drawn to a point and used for taking off the rough stone to make an approximately plane surface.
12. Quarryman's Axe - A double-balded steel axe, approximately 6 kg in weight, used for scabbling rough blockstone to square dimensions.
13. Soft Stone Chisel - A chisel from 35 to 50 mm wide with a shank which passes into a wooden handle; used with a mallet for dressing soft stone to a comparatively smooth surface.
14. Splitter - A hammer-headed tool 8 to 10 cm wide with a cutting edge approximately 1.5 mm thick.

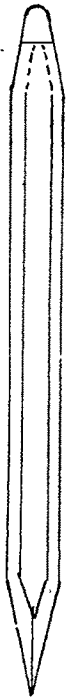
N.B.: Some of the tools are shown in Fig. B.1.

(Source: IS:1805-1973)

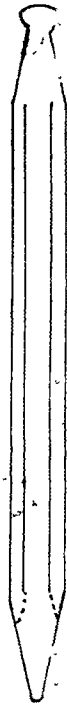
TOOLS FOR QUARRYING AND DRESSING STONES

FIG. B-1

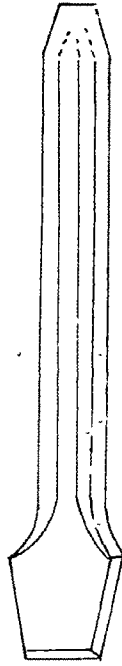
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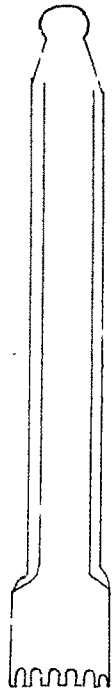
POINT FOR MARBLE AND HARD STONE



POINT FOR LIMESTONE AND SOFTER STONE



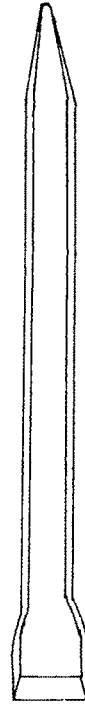
PITCHER



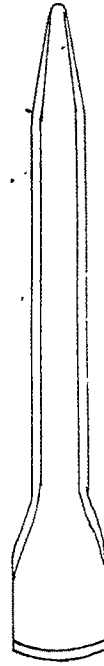
CLAW CHISEL FOR COARSE SURFACE FOR STONE



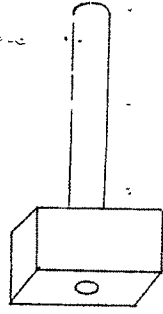
CLAW CHISEL FOR FINE SURFACE FOR STONE



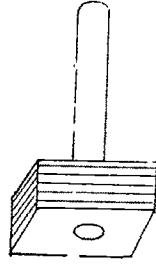
THICK FLAT CHISEL FOR HEAVY WORK



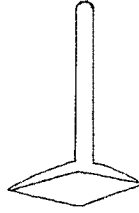
CHISEL FOR SURFACE FINISHING



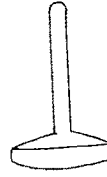
STONE CARVING IRON HAMMER



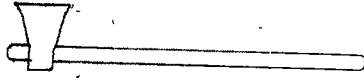
BUSH HAMMER



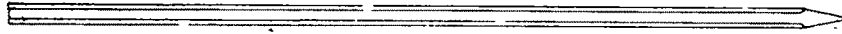
PICK



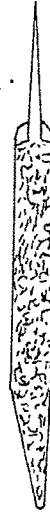
PICK



AXE



CROWBAR



RASP

SLATE AND PHYLLITE AS DIMENSION STONE

179

km 0 20 40

LEGEND



ARAVALLI SYSTEM (INCLUDING CHAMPANER)



EXISTING QUARRY SITES



CAPITAL



DISTRICT HEAD QUARTER

EXISTING QUARRY SITES

DISTRICT

QUARRY SITE

PANCHMAHALS

(233) JHALOD

SABARKANTHA

(234) NA. TANK

(235) VISAI

