

PROSPECTING AND RESEARCH OF DIMENSION STONE

MATTA, PAULO MAGNO

The dimension stone research suggested in this work shows four evaluation stages, comprising all kinds of stones (marbles, granites, quartzites, etc.) used in building, sculpture, fountains, mausoleums, etc.. But, the studies of third stage must be restricted to each rock type or, even, each outcrop. The four stages are, respectively: data collecting, geological field survey, detailed research and exploitation project. Each stage will target object areas, ranging from general information to specific ones. The author emphasises the local community relationship of explored region, looking for good results in research and in quarry work. This paper shows importance in measuring rock deposits not greater than 100,000 cubic meters and suggests implantation of experimental mining even in the third stage (detailed research) and just continuing exploitation if results are positive.