STATEMENT II

(Statement indicating the source of information and the extent to which the thesis is based on the works of others and the portion of the thesis claimed as original).

The work of Sundara on the Megalithic Monuments of North Karnataka and the scientific studies carried out by Hegde concerning ancient Indian Metallurgy are the chief sources of information for this thesis. Published data related to the metallographic studies of iron specimens are noted in the study. Following standard references have been consulted for the aspects related to furnaces, metallographic studies and general information.


The portions of the thesis claimed as original are: comparative study of the Chalcolithic and the Megalithic furnaces, chemical analysis of a few iron objects, preparation of the specimens for the metallographic study, reconstruction of smithery process on the basis of the data of the study, reconstruction of the salient features of the iron metallurgy during the Megalithic period in peninsular India. The metallographic studies of the objects under reference have been carried out for the first time.