

“ANALYSIS OF IMPACT OF MINING PROJECTS ON ENVIRONMENT:A CASE STUDY ON MANA INCLINE AND NANDGAON UNDERGROUND MINES”

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ABSTRACT

Environmental protection in last decade became an important issue in all Industrial, hydro-technical, Mining, Power plants project. Every industrial activity and procedure influences the environment and climate change, each to a lesser or greater extent. Industrial activities are pursued in India without focussing on environmental issues, due to this natural resources are in pressure and also creating harmful effects on human health and well being, this environmental pressure is due to unplanned and unsustainable development. Environmental impact assessment involves identifying, measuring and assessing impacts. This complex process deals with considerable amount of information and requires processing and analysis of quantitative data, qualitative information as well as expert human judgement.

Under this project various processes of EIA, methodology, principles, various impacts considered in EIA, various actors involved in EIA and their role in the EIA process. Generic structure of environmental impact assessment document are studied and all this study is compared with actual field study of two mining projects Mana Incline and

Nandagaon under-ground mine. The study aims to examine all aspects and activities of selected project in terms of its impact on the environmental component and to know the environmental pollution control measures adopted. In order to identify environmental impacts of selected project several interviews with the relevant authorities are conducted and present status of environment in Chandrapur area is known. In addition to it public opinion survey of project affected people is conducted and conclusion from field survey is drawn.

KEYWORDS: *EIA, Air Pollution, Water Pollution, Noise Pollution, Land Degradation, Field Survey*