

Details of the plan for the transportation of the minerals proposed to be raised from the mining lease

COAL HANDLING, WASHING & MODE OF DISPATCH

7.1 INTRODUCTION

Manoharpur Opencast Mine is being planned for a nominal rated production capacity of 8.0Mt of ROM coal per annum. The proposed Coal Handling Plant is to handle the entire coal production of this Project and is located near quarry mouth.

The coal produced from this mine will be of Non-Coking (power) grade. Major part of coal will be extracted by surface miner. The remaining part will be extracted by conventional shovel-dumper combination.

7.1.1 PROVISION FOR WARFWALL

During initial period of mine operation, if the commissioning of CHP is not completed or used if there comes any problem in CHP loading system, it is proposed to stack the mined coal transported by dumpers/trucks in a Warf wall area suitably located beside MGR track. The coal shall be loaded to MGR wagons by pay loaders for onward transportation to the power plant. Tentative location and capacity of Warf wall has been indicated in Mining Plan.

The coal handling plant will have facilities for receiving ROM coal from rear discharge dumpers at the quarry mouth of Manoharpur mine, crushing of coal in two stages with twin shaft sizer from (-)1200mm to (-)100mm size, storage in over-ground bunker and conveying up to loading hopper for onward transportation to power plant through wagon. Coal handling plant has also been provided with suitable repair, communication and other auxiliary facilities to meet the day to day requirement in the plant operation.