
CHAPTER – IX

RAILWAY SIDING

9.0 Introduction

The proposed Govindpur opencast project in East Bokaro Coalfield has been planned for targeted production of 1.20 MTY of coal. Railway siding is not available nearby to dispatch the proposed production of coal from this mine. As such a railway siding has been proposed at the abandoned Pipradih railway siding of CCL for dispatch of coal from this Project. Provision for loading of coal through wharf wall loading with pay-loader system at the proposed siding for dispatch of coal produced from Govindpur Ph-II OCP.

9.1 Yard Layout

The yard has been planned for a full rake siding of 58 Box N wagon with wharf wall facilities (one empty receiving line only) suitable for semi-mechanised loading.

9.2 Take Off-Point

It is assumed that the proposed railway siding will be taken off from the Gomio Railway Station of main Gomoh-Barkakana rail line. The length of the proposed railway siding will be about 0.8 Km to accommodate a rake of 58 'N' wagons.

9.3 Characteristic features of the proposed Railway siding are as follows:

- (a) One empty receiving line for a full rake length of 58 box N wagons.
- (b) Wharf wall loading of wagons.
- (c) Environmental measures (dust suppression, fire fighting, plantation etc.)
- (d) Weighment of wagons / rakes.

9.4 Estimated Cost of the Railway Siding

The details of cost estimate of proposed Railway Siding including Yard portion has been given in Appendix-A.5.