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जिः छिन्दवाडा-४८०४४१



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## <u>Justification for locating the project in forest land and details of</u> alternatives examined.

- Alternative site has been explored for relocating the mine in non-forest area. However, it is well known fact that Coal is Site Specific and hence the mine cannot be relocated elsewhere. Therefore, opening of the mine in this area is justified.
- Moreover, this Dhankasa mine is a underground mine, hence, disturbance to the flora and fauna (forest region) shall not be there as coal shall be mined without disturbing the surface features only from beneath the earth crust.
- The demand for coal especially grade `C' and below is increasing every year due to increase in demand for thermal power in comparison to power from other conventional and non-conventional sources. The grade of coal from Dhankasa U/G mine will vary in quality from grade `B' to grade `E' over the life of the mine for which a ready market is available.
- The following table shows the deficit in availability of coal, including middlings, from the various Existing, Completed, On-going, and Future Projects of WCL:

(Fig. in Mt) SI. Projections of Surplus / Deficit of Coal Sector No. 2012-13 2016-17 2021-22 2026-27 2031-32 Demand for coal 62.507 62.686 62.737 62.662 62.726 2 Availability of coal 43.910 45.000 44.500 44.136 43.358 Surplus / Deficit (-) 18.597 (-) 17.686 (-) 18.237 (-) 18.526 (-) 19.368

- From the above table, it is clear that the deficit in supply of coal from WCL as a whole is
  increasing every year. New mines / projects have to be opened by WCL in order to meet the
  ever increasing demand.
- The production from Dhankasa U/G Mine will not only bridge the gap to the extent of planned production but will also establish a new mass production technology for underground mines and thus there will be an augmentation in underground production. In view of deficit of coal, there is no problem in marketing of coal and opening of Dhankasa U/G Mine.
- Therefore, in view of the readily available market for non-coking coal, opening of Dhankasa U/G Mine is justified.

Area Planning Officer, Pench Area