



Sijimali Bauxite Mines

Description of the linked end-use project

The bauxite extracted from the Sijimali Bauxite mine will be used as captive source for production of metallurgical grade alumina in a proposed alumina refinery of 3.0 MMTPA capacity, which will be located at a distance of around 13 km in East direction from this bauxite deposit.

As per the industry norm, the requirement of bauxite for production of 1 MT of alumina is 3 MT. Therefore, the bauxite requirement for an annual production of 3 MMT of alumina would be about 9 MMT. Out of the total bauxite requirement, 6 MMT will be supplied from Sijimali bauxite mine and the balance 3 MMT will be supplied from the Kutrumali bauxite mine for which a separate forest clearance application is being made.

The salient details of the alumina refinery are as under:

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| • Capacity | 3.0 MMTPA of Alumina |
| • Bauxite Mine | 9.0 MMTPA of Bauxite from Sijimali (6 MMTPA) & Kutrumali (3 MMTPA) Bauxite Deposits |
| • Location | Kusumshila, Rayagada Dist. Odisha |
| • Co-gen Power Plant (CPP) | 200 MW with 800 TPH of Process Steam |
| • Coal Source for Power Plant | Ib Valley Coal field / Imported Coal |
| • Water Source | Nagavalli River, near Kumhargurha village |

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