

Stratatech Mineral Resources Private Limited

Reference No. – SMRPL/FC/2021/23

Date : 03.06.2021

Brief of the Project

The Dhirauli Coal Block in Singrauli Coalfield, in the State of Madhya Pradesh has been allocated to M/s Stratatech Mineral Resource Private Limited (SMRPL) vide Letter No. NA-104/7/2020-NA dated 03.03.2021 by MoC, Gol.

Dhirauli Coal Block spread over ~ 26.72 sq km and capacity of 6.5 MTPA (5 MTPA – Opencast & 1.5 MTPA Underground), this coal block located at Dhirauli, Phatpani, Sirswah, Amdand, Jhalari, Amraikhoh, Bansibridha, and Belwar, Tehsil & District Singrauli, Madhya Pradesh.

A total of 21 coal seams are present in Dhirauli block including 7 local seams viz. Seam-L-1, Seam-VIII Top, VIII Bottom, VIII-Combined, L-2, VII Top, VII Bottom, VII Combined, VI, L-3, L-4, V-Top, V-Bottom, L-5, IV, III Top, III Bottom, L-6, L-7, II & Seam-I.

Executive Summary

Sr.No	Description	Details
1	Name of the Project	Proposed Dhirauli block open cast and underground coal mining project of production capacity 6.5 MTPA located at Singrauli coal fields in Singrauli district of Madhya Pradesh State
2	Total Area	Mine Lease Area: 2672 ha
3	Excavation area	2096.59 ha
4	Geological reserves	Net Geological reserves: 558.011 MTPA Opencast Mine – 260.263 MTPA Underground Mine – 297.748 MTPA
5	Mineable reserves	313.79 MTPA; Opencast Mine – 119.55 MTPA;

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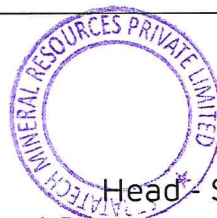
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Sr.No	Description	Details
		Underground Mine – 118.05 MTPA.
6	Target capacity	6.5 MTPA; Opencast Mine – 5.0 MTPA; Underground Mine – 1.5 MTPA.
7	Percentage Extraction	Overall – 53.54 %; Opencast Mine – 71.49% Underground Mine – 37.64%
8	Average stripping ratio	10.55 mm ³ /te
9	Average Grade of coal	G8
10	Main mining equipment	Opencast mining is proposed by Surface miners (SM) -FEL-Truck for coal and drill blast for OB. Underground mining is proposed by Continuous miner (CM).
11	Manpower requirement	970 (Direct & Indirect)
12	Project cost	Rs. 2800 crores




(Bimal Baral)

Head - Singrauli Cluster

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