

Summary of Mineral Block

Part A- GENERAL INFORMATION ABOUT MINERAL BLOCK

Sl. No.	Features	Details
1.	Location	
	Mineral Block	Mohra (Block-A)
	Corner Points (Latitude Longitude)	See Appendix 1
	Villages	Mohra, Bhalukona, Pathrchuwa
	Tehsil/Taluka	Simga-Pallari
	District	Balodabazar-Bhatapara
	State	Chhattisgarh
2.	Area (Hectares/ Square Kilometres)	127.046 Ha
	Mineralised Area	103.983 Ha
	Non-Mineralised Area	23.063 Ha
3.	Exploration	
	Status	G2
	Exploration Agency	Directorate of Geology and Mining
	Total Number of Boreholes with meterage	19 boreholes 578.50 meter
	Borehole Spacing (Density)	300*300 meter
4	Quantity of Minerals (Grade-wise)	
	Limestone (Cement Grade)	12.808 MT
	Cement (Blendable/Beneficiable) Grade	35.119 MT
	Blandable Grade	8.920 MT
	Total Geological Resources	56.847 MT
5	Mineralised Zones	
	Number of mineral zones	One (1)
	Trend (Dip and Strike)	Almost horizontal
	Total Thickness	Average 24.32 m
6	Accessibility	
	Nearest Rail Head	Tilda, 18 Km
	Road	36 Km from Balodabazar
	Airport	Raipur, 70 Km
7	Hydrography	
	Local Surface Drainage Pattern (Channels)	Sub-parallel to dendritic
	Rivers/Streams	Seasonal streams - Tengana Nala
8	Climate	
	Mean Annual Rainfall	Approximately 1270 mm/annum
	Temperatures (December)	17 ⁰ C -25 ⁰ C
	Temperatures (June)	46 ⁰ C
9	Topography	
	Toposheet No.	64 G/14
	Morphology of the Area	Gently Undulating

PART B – PARTICULARS OF STATUTORY LICENSES, PERMITS, PERMISSIONS, CONCESSIONS, APPROVALS AND CONSENTS RELATED TO MINING OPERATIONS

<i>Sl. No.</i>	<i>Particulars</i>	<i>Details/ Status</i>
1	Forest clearance	To be obtained by the Preferred Bidder/ Successful Bidder, as may be applicable
2	Wild life clearance (sanctuary, reserve or special zone clearances)	To be obtained by the Preferred Bidder/ Successful Bidder, as may be applicable
3	Mining Plan Approval	To be obtained by the Preferred Bidder/ Successful Bidder
4	Environmental clearance	To be obtained by the Preferred Bidder/ Successful Bidder
5	Consent to establish	To be obtained by the Preferred Bidder/ Successful Bidder
6	Explosive license	To be obtained by the Preferred Bidder/ Successful Bidder
7	Permission for mine opening	To be obtained by the Preferred Bidder/ Successful Bidder
8	Permission of installation/ trial operation of equipment	To be obtained by the Preferred Bidder/ Successful Bidder
9	Ground water clearance (Centre/State)	To be obtained by the Preferred Bidder/ Successful Bidder
10	Railway siding approval	To be obtained by the Preferred Bidder/ Successful Bidder
11	Approval for diesel storage	To be obtained by the Preferred Bidder/ Successful Bidder
12	Power line from State Discom	To be obtained by the Preferred Bidder/ Successful Bidder
13	Clearances relating to work under an existing transmission line or shifting of the transmission line	To be obtained by the Preferred Bidder/ Successful Bidder
14	Grama Sabha consent	To be obtained by the Preferred Bidder/ Successful Bidder
15	Any other clearances to start mining operation	To be obtained by the Preferred Bidder/ Successful Bidder

PART C – PARTICULARS OF LAND

Area	Details
1.	Total Concession Area 127.046 Ha
2.	Forest Land with Status Nil
3.	Land owned by the State Government 1.845 Ha
4.	Land not owned by the State Government 125.201 Ha
5.	Revenue survey details of the area Block boundary is demarcated using Differential Geographic Positioning System (DGPS) by Chhattisgarh Council of Science and Technology (CCOST).

Appendix 1: Block Boundary Corner Points

WGS 84 spheroid and datum

SURVEY ID	LONGITUDE	LATITUDE	EASTING	NORTHING
1	81° 59' 6.996" E	21° 29' 59.758" N	602057.4951	2377799.82
2	81° 58' 23.437" E	21° 29' 51.689" N	600805.6308	2377543.89
3	81° 58' 10.930" E	21° 29' 57.560" N	600444.6084	2377722.153
4	81° 58' 11.027" E	21° 30' 12.195" N	600444.6084	2378172.153
5	81° 58' 21.453" E	21° 30' 12.134" N	600744.6084	2378172.153
6	81° 58' 21.566" E	21° 30' 29.208" N	600744.6084	2378697.153
7	81° 58' 37.800" E	21° 30' 29.113" N	601211.7412	2378697.153
8	81° 58' 48.573" E	21° 30' 24.237" N	601522.6472	2378549.182
9	81° 58' 54.877" E	21° 30' 14.136" N	601705.9884	2378239.737
10	81° 59' 7.077" E	21° 30' 13.996" N	602057.049	2378237.619
11	81° 59' 6.996" E	21° 29' 59.758" N	602057.4951	2377799.82

LAND SCHEDULE MAP OF MOHRA (BLOCK-A) PROSPECTING BLOCK OF LIMESTONE TAHSIL – SIMGA-PALARI, DIST. – BALODABAZAR, (CG)

