

**SUMMARY OF SINDWARI-CHARLIYA BLOCK-A MINERAL BLOCK
PART A- GENERAL INFORMATION ABOUT MINERAL BLOCK**

S. No.	Features	Details																																																																														
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	Corner Points (Latitude, Longitude)	<table border="1"> <thead> <tr> <th rowspan="2">Pillar No.</th> <th colspan="2">DGPS Coordinates (WGS-84 Datum)</th> </tr> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>24°43'33.47618"</td> <td>74°37'20.02813"</td> </tr> <tr> <td>2</td> <td>24°43'27.78651"</td> <td>74°37'20.04531"</td> </tr> <tr> <td>3</td> <td>24°42'28.45127"</td> <td>74°37'20.22437"</td> </tr> <tr> <td>4</td> <td>24°42'28.37397"</td> <td>74°36'49.85567"</td> </tr> <tr> <td>5</td> <td>24°43'03.29241"</td> <td>74°36'49.78131"</td> </tr> <tr> <td>6</td> <td>24°43'02.09592"</td> <td>74°36'35.28250"</td> </tr> <tr> <td>7</td> <td>24°43'27.78275"</td> <td>74°36'32.74134"</td> </tr> <tr> <td>8</td> <td>24°43'29.15335"</td> <td>74°36'49.35034"</td> </tr> <tr> <td>9</td> <td>24°43'30.44586"</td> <td>74°36'49.34635"</td> </tr> <tr> <td>10</td> <td>24°43'30.46891"</td> <td>74°36'58.32400"</td> </tr> <tr> <td>11</td> <td>24°43'33.42105"</td> <td>74°36'58.31450"</td> </tr> <tr> <td colspan="2"></td> <td align="center">Total Area-203.5531 Hect.</td> </tr> <tr> <td>Villages</td> <td colspan="2">Sindwari, Charliya</td> </tr> <tr> <td>Tehsil/Taluka</td> <td colspan="2">Chittaurgarh & Nimbahera</td> </tr> <tr> <td>District</td> <td colspan="2">Chittaurgarh</td> </tr> <tr> <td>State</td> <td colspan="2">Rajasthan</td> </tr> <tr> <td rowspan="3">2</td> <td>Area (hectares/square kilometres)</td> <td>203.5531 Hect.</td> </tr> <tr> <td>Mineralised Area</td> <td>203.5531 Hect.</td> </tr> <tr> <td>Non-mineralised Area</td> <td>NIL</td> </tr> <tr> <td rowspan="5">3</td> <td>Exploration</td> <td></td> </tr> <tr> <td>Status (G2/G3/G4 etc.)</td> <td>G-2</td> </tr> <tr> <td>Exploration Agency</td> <td>Department of mines & Geology, Rajasthan</td> </tr> <tr> <td>Total Number of Boreholes with meterage</td> <td>A total of 482 m core drilling spread over 09 boreholes was carried out.</td> </tr> <tr> <td>Borehole Spacing (Density)</td> <td> <p>Due to private/agriculture land boreholes could not be drilled on grid pattern. Out of total 09 boreholes, limestone was intersected in 08 boreholes.</p> <p>Borehole spacing 250 to 525 m.</p> <p>Depth of the borehole varies from 50 to 75 m.</p> <p>As per Part III of Minerals (Evidence of Minerals contents) Rules, 2015, the deposit falls in G-2 (332) Category.</p> </td> </tr> <tr> <td rowspan="3">4</td> <td>Quantity of Minerals (Grade wise)</td> <td></td> </tr> <tr> <td>Mineral</td> <td>Limestone with weighted avg CaO- 42.03%, SiO₂ -17.41% & MgO- 0.66%.</td> </tr> <tr> <td>Total Geological Resources</td> <td>156.596 million tonnes</td> </tr> </tbody> </table>	Pillar No.	DGPS Coordinates (WGS-84 Datum)		Latitude	Longitude	1	24°43'33.47618"	74°37'20.02813"	2	24°43'27.78651"	74°37'20.04531"	3	24°42'28.45127"	74°37'20.22437"	4	24°42'28.37397"	74°36'49.85567"	5	24°43'03.29241"	74°36'49.78131"	6	24°43'02.09592"	74°36'35.28250"	7	24°43'27.78275"	74°36'32.74134"	8	24°43'29.15335"	74°36'49.35034"	9	24°43'30.44586"	74°36'49.34635"	10	24°43'30.46891"	74°36'58.32400"	11	24°43'33.42105"	74°36'58.31450"			Total Area-203.5531 Hect.	Villages	Sindwari, Charliya		Tehsil/Taluka	Chittaurgarh & Nimbahera		District	Chittaurgarh		State	Rajasthan		2	Area (hectares/square kilometres)	203.5531 Hect.	Mineralised Area	203.5531 Hect.	Non-mineralised Area	NIL	3	Exploration		Status (G2/G3/G4 etc.)	G-2	Exploration Agency	Department of mines & Geology, Rajasthan	Total Number of Boreholes with meterage	A total of 482 m core drilling spread over 09 boreholes was carried out.	Borehole Spacing (Density)	<p>Due to private/agriculture land boreholes could not be drilled on grid pattern. Out of total 09 boreholes, limestone was intersected in 08 boreholes.</p> <p>Borehole spacing 250 to 525 m.</p> <p>Depth of the borehole varies from 50 to 75 m.</p> <p>As per Part III of Minerals (Evidence of Minerals contents) Rules, 2015, the deposit falls in G-2 (332) Category.</p>	4	Quantity of Minerals (Grade wise)		Mineral	Limestone with weighted avg CaO- 42.03%, SiO₂ -17.41% & MgO- 0.66%.	Total Geological Resources	156.596 million tonnes
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5	Mineralised Zones	
	Number of Mineral Zones	1 Limestone band
	Trend (Dip and Strike)	The limestone is striking almost north-south with 10° to 15° either side.
	Total Thickness	17.00 m (Min.) to 61.00 m (Max.)
6	Accessibility	
	Nearest Rail Head	The nearest Railway Station is Gambhiri Road which is about 5 km away from the block area.
	Road	The district Head Quarter Chittorgarh is about 20 km. from block & connected by NH-56 passing through the area and the villages are well connected with tar road.
	Airport	Dabok, the nearest airport is about 110 km. away from the area.
7	Hydrography	
	Local Surface Drainage Pattern (Chennals)	In general drainage pattern is dendritic and watershed is towards north eastern side which ultimately confluences into perennial river Gambhiri.
	Riverss/Streams	Gambhiri river
8	Climate	
	Mean Annual Rainfall	120 cm.avg/annually
	Temperatures (December)	4 ⁰ C
	Temperatures (June)	48 ⁰ C
9	Topography	
	Toposheet Number	45 L/10
	Morphology of the Area	The area is almost plain with small mounds and knolls. The most prevalent and highest relief is 455m on this Sindwari temple situated.

**PART B- PARTICULARS OF STATUTORY LICENSES, PERMITS,
PERMISSION, CONCESSIONS, APPROVAL AND CONSENTS RELATED
TO MINING OPERATIONS**

S. No.	Particulars	Details/Status
1	Forest Clearance	To be obtained by successful Bidder
2	Wildlife Clearance (Sanctuary, reserve or special zone Clearance)	
3	Environment Clearance	
4	Mining Plan Approval	
5	Consent to Establish	
6	Explosive license	
7	Permission for mine opening	
8	Permission of installation/trail operation of equipment	
9	Ground water Clearance	
10	Railway siding approval	
11	Approval for diesel storage	
12	Power line from State Discom	
13	Clearances relating to work under an existing transmission line or shifting of the transmission line	
14	Grama Sabha Consent	
15	Any other Clearance to start mining operation	

PART C- PARTICULARS OF LAND

S. No.	Land Type	Area (in hectares)
1	Total Concession Area	203.5531
2	Forest land with Status	NIL
3	Government land with Status	26.31
4	Private Land with Status	172.1931
5	Charagah/Pasture Land (*)	5.05
6	Revenue Survey details of the area	Available

Note:

- The cadastral Khasra detail of the block verified by concerned Patwari & Tehsildar is enclosed with the report.
- Total area has been calculated based on area falling within the coordinates but when superimposed on revenue map, slightly it may differ being both on different projections, one is spherical and other is linear.