

Summary of the Mineral Block
PART A – GENERAL INFORMATION ABOUT MINERAL
BLOCK

	Features	Details																																																		
1.	Location																																																			
	Mineral Block	Sindwari, Ramakhera, Satkhanda Block - A																																																		
	Corner Points (Latitude, Longitude)	Coordinates of the area of all the corner points are as follows: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th rowspan="2">Pillar</th> <th colspan="2">DGPS Coordinates</th> </tr> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr><td>11</td><td>24-43-33.42007</td><td>74-36-58.31864</td></tr> <tr><td>B1</td><td>24-43-33.48460</td><td>74-37-23.58996</td></tr> <tr><td>C1</td><td>24-45-02.89412</td><td>74-37-23.31831</td></tr> <tr><td>D</td><td>24-45-03.11139</td><td>74-38-52.32466</td></tr> <tr><td>1</td><td>24-43-28.01216</td><td>74-38-52.59332</td></tr> <tr><td>2</td><td>24-43-27.78710</td><td>74-37-20.04389</td></tr> <tr><td>3</td><td>24-42-28.45132</td><td>74-37-20.22314</td></tr> <tr><td>4</td><td>24-42-28.37268</td><td>74-36-49.85372</td></tr> <tr><td>5</td><td>24-43-03.29205</td><td>74-36-49.78166</td></tr> <tr><td>6</td><td>24-43-02.09523</td><td>74-36-35.28458</td></tr> <tr><td>7</td><td>24-43-27.78274</td><td>74-36-32.74135</td></tr> <tr><td>8</td><td>24-43-29.15557</td><td>74-36-49.35173</td></tr> <tr><td>9</td><td>24-43-30.44888</td><td>74-36-49.34802</td></tr> <tr><td>10</td><td>24-43-30.47041</td><td>74-36-58.32551</td></tr> <tr> <td colspan="2">Total area of block (Sq.km)</td> <td>9.357375</td> </tr> </tbody> </table>	Pillar	DGPS Coordinates		Latitude	Longitude	11	24-43-33.42007	74-36-58.31864	B1	24-43-33.48460	74-37-23.58996	C1	24-45-02.89412	74-37-23.31831	D	24-45-03.11139	74-38-52.32466	1	24-43-28.01216	74-38-52.59332	2	24-43-27.78710	74-37-20.04389	3	24-42-28.45132	74-37-20.22314	4	24-42-28.37268	74-36-49.85372	5	24-43-03.29205	74-36-49.78166	6	24-43-02.09523	74-36-35.28458	7	24-43-27.78274	74-36-32.74135	8	24-43-29.15557	74-36-49.35173	9	24-43-30.44888	74-36-49.34802	10	24-43-30.47041	74-36-58.32551	Total area of block (Sq.km)		9.357375
Pillar	DGPS Coordinates																																																			
	Latitude	Longitude																																																		
11	24-43-33.42007	74-36-58.31864																																																		
B1	24-43-33.48460	74-37-23.58996																																																		
C1	24-45-02.89412	74-37-23.31831																																																		
D	24-45-03.11139	74-38-52.32466																																																		
1	24-43-28.01216	74-38-52.59332																																																		
2	24-43-27.78710	74-37-20.04389																																																		
3	24-42-28.45132	74-37-20.22314																																																		
4	24-42-28.37268	74-36-49.85372																																																		
5	24-43-03.29205	74-36-49.78166																																																		
6	24-43-02.09523	74-36-35.28458																																																		
7	24-43-27.78274	74-36-32.74135																																																		
8	24-43-29.15557	74-36-49.35173																																																		
9	24-43-30.44888	74-36-49.34802																																																		
10	24-43-30.47041	74-36-58.32551																																																		
Total area of block (Sq.km)		9.357375																																																		
	Villages	Sindwari, Bad ka Amrana, Ravliya, Bhavliya, Charliya, Mahmood Ganj, Satkhanda.																																																		
	Tehsil/ Taluka	Nimbahera																																																		
	District	Chittaurgarh																																																		
	State	Rajasthan																																																		
2.	Area (hectares)																																																			
	Mineralised Area	436.6958 ha																																																		
	Non - mineralised Area	499.0417 ha																																																		
3.	Exploration																																																			
	Status (G2/G3/G4 etc.)	G 3 (Relaxation for G 2 vide GOI letter no. 7/48/2015-MIV, October 2015).																																																		
	Exploration Agency	Department of Mines & Geology,																																																		
	Total Number of Boreholes with meterage	Total 10 Core Drilling vertical boreholes with total meterage 488 m																																																		

Features	Details																
Borehole Spacing (Density)	Borehole spacing 150-1250 m																
4. Quantity of Minerals (Grade-wise)																	
Mineral	<p>The block comprises total limestone resources of 184.01 184.01 MT, which have been further classified into mineral falling in Govt., Charagah & Private land.</p> <ol style="list-style-type: none"> Grade wise mineral falling in Govt. & private land (348.30 Hect.)– CaO >44% - 12.11 MT CaO – 42 to 44% -98.73 MT CaO – 40 to 42% - 32.50 MT Total – 143.34 MT Mineral falling in Charagah land (88.38 Hect.)– CaO >44% - 7.22 MT CaO – 42 to 44% - 9.51 MT CaO – 40 to 42% - 23.94MT Total – 40.67 MT <p>Total Limestone resources= 184.01 MT (Considered cut off grade of CaO 40%) As per Minerals (Evidence of Minerals contents) Rules, 2015 Part III the deposit falls in G-3 (333) Category.</p>																
Total Geological Resources	184.01 Million Tonnes																
5. Mineralised Zones																	
Number of Mineral Zones	<p>3 limestone bands exist in the area details as under:</p> <table border="1"> <thead> <tr> <th>Limestone Band</th> <th>Length (m)</th> <th>Width (m)</th> <th>Depth (m)</th> </tr> </thead> <tbody> <tr> <td>Band-1</td> <td>2950</td> <td>300-1000</td> <td>0-68</td> </tr> <tr> <td>Band-2</td> <td>1950</td> <td>200</td> <td>0-24</td> </tr> <tr> <td>Band-3</td> <td>1900</td> <td>700</td> <td>0-25 (assumed)</td> </tr> </tbody> </table>	Limestone Band	Length (m)	Width (m)	Depth (m)	Band-1	2950	300-1000	0-68	Band-2	1950	200	0-24	Band-3	1900	700	0-25 (assumed)
Limestone Band	Length (m)	Width (m)	Depth (m)														
Band-1	2950	300-1000	0-68														
Band-2	1950	200	0-24														
Band-3	1900	700	0-25 (assumed)														
Trend (Dip and Strike)	The limestone is trending almost north- south with 10 ⁰ to 15 ⁰ rolling dips																
Total Thickness	8m – 68 m																
6. Accessibility																	
Nearest Rail Head	Nearest Railway Station is Gambhiri road which is about 5 K.m away from the area.																
Road	The area is well connected by tar road																
Airport	Dabok, Nearest airport is about 110 km																
7. Hydrography																	
Local Surface Drainage Pattern (Channels)	Dendritic and watershed is towards north eastern side which ultimately confluences into Seasonal river Gambhiri.																
Rivers/Streams	Major drainage is Gambhiri River which is tributary of Chambal River. It is flowing 5 km east of the block.																
8. Climate																	
Mean Annual Rainfall	120 cm																
Temperatures (December)	Minimum as 4°C																

	Features	Details
	Temperatures (June)	Maximum 48°C
9.	Topography	
	Toposheet Number	Survey of India Toposheet No 45 L/10
	Morphology of the Area	The area is almost plain with small mounds

Department Mines & Geology, Rajasthan

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

	Particulars	Details/Status
1.	Forest clearance	Not Applicable
2.	Wild life clearance (sanctuary, reserve or special zone clearances)	Not Applicable
3.	Environmental clearance	To be obtained by the Successful Bidder
4.	Mining Plan Approval	To be obtained by the Successful Bidder
5.	Consent to establish	To be obtained by the Successful Bidder
6.	Explosive license	To be obtained by the Successful Bidder
7.	Permission for mine opening	To be obtained by the Successful Bidder
8.	Permission of installation/ trial operation of equipment	To be obtained by the Successful Bidder
9.	Ground water clearance (Centre/State)	To be obtained by the Successful Bidder
10.	Railway siding approval	To be obtained by the Successful Bidder
11.	Approval for diesel storage	To be obtained by the Successful Bidder
12.	Power line from State Discom	To be obtained by the Successful Bidder
13.	Clearances relating to work under an existing transmission line or shifting of the transmission line	To be obtained by the Successful Bidder
14.	Grama Sabha consent	To be obtained by the Successful Bidder
15.	Any other clearances to start mining operation	To be obtained by the Successful Bidder

PART C – PARTICULARS OF LAND

	Land Type	Area (in Hectares)
1.	Total Concession Area	935.7375
2.	Forest Land with Status	Nil
3.	Government Land with Status	42.8089
4.	Private Land with Status	750.7269
5.	Charagah/Pasture Land (*)	142.2017
6.	Revenue survey details of the area	Available

Note :(*) Refer Clause no 17.7.