

SUMMARY OF THE MINERAL BLOCK-3D2
PART A – GENERAL INFORMATION ABOUT MINERAL BLOCK

	Features	Details																														
1.	Location	N/V Harima-Pithasar of Tehsil Nagaur, District Nagaur (Rajasthan)																														
	Mineral Block	Block- 3D2 Harima-Pithasar of Tehsil Nagaur, District Nagaur (Rajasthan)																														
	Corner Points (Latitude, Longitude)	<table border="1"> <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>X</td> <td>27⁰-20'-1.3622"</td> <td>73⁰-51'-26.0582"</td> </tr> <tr> <td>Y</td> <td>27⁰-17'-36.6430"</td> <td>73⁰-53'-53.5713"</td> </tr> <tr> <td>F'</td> <td>27⁰-15'-56.9066"</td> <td>73⁰-53'-54.5650"</td> </tr> <tr> <td>E'</td> <td>27⁰-15'-56.5901"</td> <td>73⁰-53'-14.5647"</td> </tr> <tr> <td>D'</td> <td>27⁰-15'-08.1960"</td> <td>73⁰-53'-15.0464"</td> </tr> <tr> <td>C'</td> <td>27⁰-15'-07.3426"</td> <td>73⁰-51'-29.0673"</td> </tr> <tr> <td>C</td> <td>27⁰-15'-55.7363"</td> <td>73⁰-51'-28.5729"</td> </tr> <tr> <td>E'</td> <td>27⁰-15'-56.5901"</td> <td>73⁰-53'-14.5647"</td> </tr> </tbody> </table>	Pillar	DGPS Coordinates		Latitude	Longitude	X	27 ⁰ -20'-1.3622"	73 ⁰ -51'-26.0582"	Y	27 ⁰ -17'-36.6430"	73 ⁰ -53'-53.5713"	F'	27 ⁰ -15'-56.9066"	73 ⁰ -53'-54.5650"	E'	27 ⁰ -15'-56.5901"	73 ⁰ -53'-14.5647"	D'	27 ⁰ -15'-08.1960"	73 ⁰ -53'-15.0464"	C'	27 ⁰ -15'-07.3426"	73 ⁰ -51'-29.0673"	C	27 ⁰ -15'-55.7363"	73 ⁰ -51'-28.5729"	E'	27 ⁰ -15'-56.5901"	73 ⁰ -53'-14.5647"	
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	Villages	Harima, Sarasani																														
	Tehsil / Taluka	Nagaur																														
	District	Nagaur																														
	State	Rajasthan																														
2.	Area (hectares/square kilometres)	434.08502 Hectare																														
	Mineralised Area	434.08502 Hectare																														
	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 737.00 m core drilling spread over 25 boreholes has been carried out in the area.. Influence area of 18 boreholes (HRB 64 to HRB 81) falls completely and 7 boreholes (HRB 57 to HRB 63) fall partially in the block.																														
	Borehole Spacing (Density)	Boreholes were drilled on 400 m X 400 m regular grid pattern. The limestone deposit of the area is																														

		of regular habit, thus it falls under G-2 (332) category, as Per Part III of The Minerals (Evidence of Mineral Contents) Rules, 2015.
4.	Quantity of Minerals (Grade-wise)	
	Mineral	Cement grade Limestone with CaO 47.54% , SiO₂ 5.39 % and MgO 3.14 %
	Total Geological Resources	142.579 MT
5.	Mineralised Zones	
	Number of Mineral Zones	1 to 5
	Trend (Dip and Strike)	The limestone is trending almost N-S with rolling dip.
	Total Thickness	Cumulative thickness ranging from 0.50(Min.) to 28.50 m (Max) in boreholes.
6.	Accessibility	
	Nearest Rail Head	Nagaur(46km)
	Road	20 km NE of Nagaur town and on Nagaur to Ladnun N.H 65Jodhpur-Nagaur-Hisar highway. Harima & Sarasani is approachable by tar road.
	Airport	Jodhpur(160km)
7.	Hydrography	
	Local Surface Drainage Pattern (Channels)	No river originated or flows from this part of investigated area.
	Rivers/Streams	Seasonal nallas falls in the area mainly NE-SE
8.	Climate	
	Mean Annual Rainfall	393mm
	Temperatures (December)	1 ⁰ C
	Temperatures (June)	48 ⁰ C
9.	Topography	
	Toposheet Number	45E/15
	Morphology of the Area	The area covered under investigation is occupied by the plan covered with alluvium having little small scanty exposures

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

	Particulars	Details/Status
1.	Forest Clearance	To be obtained by the successful Bidder
2.	wild life clearance (sanctuary, reserve or special zone clearances)	
3.	Environment Clearance	
4.	Mining Plan Approval	
5.	Consent to establish	
6.	Explosive license	
7.	Permission for mine opening	
8.	Permission of installation/trial operation of equipment	
9.	Ground water clearance (Centre/State)	
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 clearances to start mining operation	

PART C – PARTICULARS OF LAND

	Land Type	Area (in Hectares)
1.	Total Concession Area	434.08502
2.	Forest Land with Status	NIL
3.	Government Land with Status	58.7958
4.	Private Land with Status	300.39
5.	Charagah/Pasture Land (*)	23.4
6	Angore land	42.25
7	Oran land	0.8362
8	Talab	6.62112
9	Abadi	1.7919
6.	Revenue survey details of the area	Available

Note:(*)_Refer Clause no. 17.7.

Note-Total area has been calculated based on area falling with in the coordinates but when superimposed on revenue map, slightly it may differ being both on different projections, one is spherical and other is linear.