

SUMMARY OF THE MINERAL BLOCK-14 of 4GIIA
PART A – GENERAL INFORMATION ABOUT MINERAL BLOCK

	Features	Details																		
1.	Location	N/V Tadas & Bairas, Tehsil- Khimsar , District Nagaur (Rajasthan)																		
	Mineral Block	Block -14 of 4GIIa, N/VTadas & Bairas, Tehsil- Khimsar , 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>A</td> <td>73-28-3.75842</td> <td>26-56-23.27337</td> </tr> <tr> <td>B</td> <td>73-28-15.57673</td> <td>26-56-23.4016</td> </tr> <tr> <td>C</td> <td>73-28-15.71132</td> <td>26-56-13.42667</td> </tr> <tr> <td>D</td> <td>73-28-3.89329</td> <td>26-56-13.29846</td> </tr> </tbody> </table>	Pillar	DGPS Coordinates		Latitude	Longitude	A	73-28-3.75842	26-56-23.27337	B	73-28-15.57673	26-56-23.4016	C	73-28-15.71132	26-56-13.42667	D	73-28-3.89329	26-56-13.29846	
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	Villages	Tadas & Bairas																		
	Tehsil / Taluka	Khimsar																		
	District	Nagaur																		
	State	Rajasthan																		
2.	Area (hectares/square kilometres)	10.0082 Hectare																		
	Mineralised Area	10.0082 Hectare																		
	Non-mineralised Area	NIL																		
3.	Exploration																			
	Status (G2/G3/G4 etc.)	The deposit is of regular habit. The proposed block is a part of a large block namely 4GIIA in which exploration of G-2 level was carried. So this block has also been considered of G-2 level as per Part –III of The Mineral (Evidence of Mineral Contents) Rules, 2015.																		
	Exploration Agency	Department of Mines & Geology, Rajasthan																		
	Total Number of Boreholes with meterage	Influence of 4 boreholes TDS-15, TDS-16, TDS-26 & TDS-27 has been taken for calculation of resources. Each was drilled for 30 m. Total meterage is 120m.																		

	Borehole Spacing (Density)	400X400m (in original block 4GIIA) except few boreholes which were shifted due to crops in field
4.	Quantity of Minerals (Grade-wise)	
	Mineral	Limestone with CaO 46.30%, SiO₂ 6.60 % and MgO 3.83%
	Total Geological Resources	6.81632 MT
5.	Mineralised Zones	
	Number of Mineral Zones	1 to 2
	Trend (Dip and Strike)	The limestone is trending almost N-S with rolling dip.
	Total Thickness	1.00(Min.) to 30.00 m (Max).
6.	Accessibility	
	Nearest Rail Head	Nagaur(46km)
	Road	101 km NE of Jodhpur and located about 5 km from Jodhpur- Nagaur highway. Tadas & Bairas is approachable by tar road.
	Airport	Jodhpur(90km)
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	300mm
	Temperatures (December)	1 ⁰ C
	Temperatures (June)	48 ⁰ C
9.	Topography	
	Toposheet Number	45F/5
	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, if required.
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	10.0082
2.	Forest Land with Status	NIL
3.	Government Land with Status	NIL
4.	Private Land with Status	7.2346
5.	Charagah/Pasture Land (*)	2.7736
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.