

SUMMARY OF THE MINERAL BLOCK-4GIa
PART A – GENERAL INFORMATION ABOUT MINERAL BLOCK

	Features	Details		
1.	Location	Tadas-Bairas Tehsil Khimsar , District Nagaur (Rajasthan)		
	Mineral Block	Block- 4GIa Tadas-Bairas Tehsil Khimsar , District Nagaur (Rajasthan)		
	Corner Points (Latitude, Longitude)	Pillar	DGPS Coordinates(UTM)	
			UTM-N	UTM-E
		1	2980839.1390	344388.9850
		m	2981839.1390	344388.9850
		n	2981839.1390	344088.9850
		o	2982939.1390	344088.9850
		p	2982939.1390	345488.9850
		q	2982239.1390	345488.9850
		r	2982239.1390	346288.9850
		s	2981889.1390	346288.9850
		t	2981889.1390	347188.9850
		u	2979239.1390	347188.9850
		v	2979239.1390	346788.9850
		w	2979889.1390	346788.9850
		x	2979889.1390	345988.9850
		9	2980839.1390	345988.9850
		1	2980839.1390	344388.9850
		These readings are taken from NAVCOM AS PER DGPS SATTELITE READING. If any circumstances of discrepancy, DGPS UTM Readings will be considered as correct		
		Pillar	DGPS Coordinates	
			Latitude	Longitude
		1	26 ⁰ -56'-26.7585"	73 ⁰ -25'-57.0623"

		m	26°-56'-59.2495"	73°-25'-56.6128"	
		n	26°-56'-59.1285"	73°-25'-45.7363"	
		o	26°-57'-34.8684"	73°-25'-45.2406"	
		p	26°-57'-35.4314"	73°-26'-36.0022"	
		q	26°-57'-12.6876"	73°-26'-36.3148"	
		r	26°-57'-13.0070"	73°-27'-05.3201"	
		s	26°-57'-01.6350''	73°-27'-05.4755"	
		t	26°-57'-01.9922''	73°-27'-38.1056"	
		u	26°-55'-35.8899"	73°-27'-39.2751"	
		v	26°-55'-35.7316"	73°-27'-24.7759"	
		w	26°-55'-56.8510"	73°-27'-24.4884"	
		x	26°-55'-56.5330"	73°-26'-55.4886"	
		9	26°-56'-57.3997"	73°-26'-55.0661"	
		1	26°-56'-26.7585"	73°-25'-57.0623"	
	Villages	Tadawas, Berawas, Khimsar			
	Tehsil / Taluka	Nagaur			
	District	Nagaur			
	State	Rajasthan			
2.	Area (hectares/square kilometres)	610.86Hectare			
	Mineralised Area	610.86Hectare			
	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 1160m core drilling spread over 39 vertical bore holes covering an area of 6.10 Sq.km has been carried out in the area n/v Tadas..			
	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 48.54%, SiO ₂ 3.77 %, and MgO 3.77%
	Total Geological Resources	182.4333 MT
5.	Mineralised Zones	
	Number of Mineral Zones	1 to 4
	Trend (Dip and Strike)	The limestone is trending almost N-S with rolling dip.
	Total Thickness	2.25(Min.) to 28.00m(Max).
6.	Accessibility	
	Nearest Rail Head	Nagaur(50km)
	Road	101 km NE of Jodhpur and is located about 5 km interior to Jodhpur- Nagaur highway, nearby Tehsil is Khimsar. Tadawas is connected by tar road and private buses/jeeps runs regularly on this route..
	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	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
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	610.863574
2.	Forest Land with Status	105.149
3.	Government Land with Status	43.9096
4.	Private Land with Status	189.944124

5.	Charagah/Pasture Land (*)	123.03305
6	Angore land	75.415
7	DPAP Bhedvikas	60.4794
8	Nadi(Talab)	5.4912
9	Paal/ bala	7.4422
10.	Revenue survey details of the area	Available

Note:(*)_Refer Clause no. 17.7.

Note-

1. 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.
2. The variation in the total block area (610.50 hectare) and calculated by superimposition of block on revenue record (610.863574 hectare) is due to partial khasras falling in the Block area