

SUMMARY OF THE MINERAL LIMESTONE BLOCK TKSB-09
PART A – GENERAL INFORMATION ABOUT MINERALBLOCK

	Features	Details				
1.	Location	N/v Jorawarpura, Tehsil- Kheenvsar & District- Nagaur				
	Mineral Block	TKSB-09 Limestone Block N/v Jorawarpura, Tehsil- Kheenvsar & District- Nagaur				
	Corners point (Latitude & Longitude)	POINT	Longitude	Latitude		
		W1	73° 29' 15.8735" E	26° 59' 06.2545" N		
		W2	73° 29' 23.6957" E	26° 59' 06.3384" N		
		V2	73° 29' 23.7766" E	26° 59' 00.2838" N		
		V1	73° 29' 15.9572" E	26° 58' 59.9902" N		
	Villages	Jorawarpura				
	Tehsil / Taluka	Kheenvsar				
	District	Nagaur				
	State	Rajasthan				
2.	Area (hectares/square kilometers)	4.0888 Hectare				
	Mineralized Area	4.0888 Hectare				
	Non-mineralized 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 01 holes drilled in the study area & influence of 01 drill hole was considered for estimating the resources. Total meterage of drilling in the 01 borehole is respectively 50 m.				
	Borehole Spacing (Density)	The boreholes were drilled closely spaced at 400 X 400 m regular grid pattern except some of the bore holes which were shifted due to crops in the agriculture field. 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	Limestone				
		Grade of Limestone	Net Geological Resources (In Million tons)	Wt. Average CaO%	Wt. Average MgO%	Wt. Average SiO₂%
		Limestone (CaO >34%, MgO <5.00% SiO₂<16% wt.average %)	1.12	48.05	1.80	4.45
		Total	1.12 M.T.			

	Total Geological Resources	A total geological resource of TKSB-09 block is 1.12 mT with an average grade of CaO 48.05 % , SiO₂ 4.45 % , MgO 1.80 % , Fe₂O₃ 0.08 % , Al₂O₃ 0.17 %
5.	Mineralized Zones	
	Number of Mineral Zones	One zone identified with a cumulative thickness is 11 mts.
	Trend (Dip and Strike)	The nature of limestone deposit is of sedimentary stratiform is trending almost N-S with rolling dip.
	Total Thickness	cumulative thickness is 11 mts.
6.	Accessibility	
	Nearest Rail Head	Nagaur (50 kms)
	Road	The block is located 100 m South of Tadawas village. The area lies at around 48 kms NE of Nagaur town on Bikaner-Barmer N.H 62. The investigated area is well connected by tar road.
	Airport	Bikaner 165km
7.	Hydrography	
	Local Surface Drainage Pattern (Channels)	No perennial river originates or flows from this part of investigated area.
	Rivers/Streams	Seasonal nallas, ponds etc. are available in the area, which fulfils the water requirement along with recent developed tube wells and dug wells.
8.	Climate	
	Mean Annual Rainfall	Min. 270 max. 410.0 Avg. 393
	Temperatures (December)	1 ⁰ C min.
	Temperatures (June)	50 ⁰ C max. recorded
9.	Topography	
	Toposheet No.	45F/5
	Morphology of the area	The area is almost plain with small mounds and knolls. The area shows a plain topography with scanty and scattered outcrops of limestone which are partially concealed under windblown sand and at some places with agriculture farm soil. Most of the limestone exposures are on ground level except some low to moderate high linear isolated mounds.

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

S.N.	Particulars	Details/Status
1	Forest Clearance	To be obtained by the successful Bidder
2	Wildlife clearance (sanctuary, reserve or special zone clearances)	
3	Environment clearance	
4	Mining Plan Approval	
5	Consent to establish	
6	Explosive license	
7	Permission for mining 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	GramaSabha consent	
15	Any other clearances to start mining operation	

PART C – PARTICULARS OF LAND

	LAND TYPE	Area (in. Hectares)
1.	Total Concession Area	4.0888
2.	Forest Land with status	NIL
3.	Government Land with status	2.6176
4.	Charagah Land with status	NIL
5.	Private Land with status	1.4712
6.	Revenue survey details of the Area	Available