

**SUMMARY OF THE MINERAL LIMESTONE BLOCK PSB-4
PART A – GENERAL INFORMATION ABOUT MINERALBLOCK**

Features	Details				
1. Location	N/v Harima, Tehsil & District- Nagaur				
Mineral Block	PSB-4 Limestone Block N/v Harima, Tehsil & District- Nagaur (Rajasthan)				
Corners point (Latitude & Longitude)	POINTS	LATITUDE	LONGITUDE		
	J	27°15'1.2852"	73°52'25.6907"		
	D	27°15'7.8008"	73°52'25.6251"		
	E	27°15'7.8709"	73°52'34.3513"		
	K	27°15'1.3553"	73°52'34.4168"		
Villages	Harima				
Tehsil / Taluka	Nagaur				
District	Nagaur				
State	Rajasthan				
2. Area (hectares/square kilometres)	4.8122 Hectare				
Mineralised Area	4.8122 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	02 bore holes drilled in the block area & influence of 02 adjacent drill hole was considered for estimating the resources. Total meterage of drilling in the 02 boreholes is 60 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 %)	2.16	50.74	2.07	2.91
	Total	2.16 M.T.			

	Total Geological Resources	A total geological resource of PSB-4 block is 2.16 mT with an average grade of CaO 50.74%, SiO₂ 2.91 %, and MgO 2.07%
5.	Mineralised Zones	
	Number of Mineral Zones	1 to 4 zone from 1.5 to 22.5 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 of mineralized zones are 28 mts.
6.	Accessibility	
	Nearest Rail Head	Nagaur (18 kms)
	Road	The block is located 1 km South of Harima village. The area lies at around 18 kms NE of Nagaur town on Nagaur-Ladnun N.H 65. The area lies at around 18 kms NE of Nagaur town on Nagaur-Ladnun N.H 65. The investigated area is well connected by tar road.
	Airport	Nagaur (18 kms)
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 ^o C min.
	Temperatures (June)	50 ^o C max. recorded
9.	Topography	
	Toposheet No.	45E/15 and 45E/16
	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	4.8122
2.	Forest Land with status	NIL
3.	Government Land with status	0.3343
4.	Charagah Land with status	NIL
5.	Private Land with status	4.4779
6.	Revenue survey details of the Area	Available

Note:

- ❖ The cadastral Khasra detail of the block verified by concerned Patwari & Tehsildar is enclosed with the report.
- ❖ Total area has been calculated based on area falling within the coordinates but when superimposed on revenue map, slightly it may differ being both on different projections, one is spherical and other is linear.