

**Government of Rajasthan
Mines & Petroleum (Gr-II) Department**

No. F3(6)Mines/Group-2/ 2024

Jaipur, Dated:

Notification

In exercise of power conferred under section 10B(3) of Mines and Mineral (Development and Regulation) Act, 1957 (as amended from time to time), the State Government hereby notify the following limestone block for the grant of Mining Lease as per the provisions of the Mineral Auction Rules, 2015 (as amended from time to time).

1. Hathun Block N/v Borwa, Bhojathakur Ka Badiya, Tehsil & District – Beawar (Raj), Area – 258.3339 Hectare, for Limestone

POINTS	LATITUDE	LONGITUDE
A	26° 00' 03.6421" N	74° 20' 32.0103" E
B	26° 00' 48.8155" N	74° 21' 09.6142" E
C	26° 00' 27.2054" N	74° 21' 47.7913" E
D	26° 00' 19.4475" N	74° 21' 43.9662" E
E	26° 00' 13.3093" N	74° 21' 45.8790" E
F	26° 00' 11.5300" N	74° 21' 48.2294" E
G	25° 59' 45.3149" N	74° 21' 21.5741" E
H	25° 59' 46.1034" N	74° 21' 20.6083" E
I	25° 59' 37.0312" N	74° 21' 10.7545" E

By Order of the Governor,

**(Ashu Choudhary)
Joint Secretary to Government**

Copy for information & necessary action to: -

1. Secretary, Hon'ble Governor, Rajasthan.
2. Additional Chief Secretary, Hon'ble Chief Minister, Rajasthan, Jaipur.
3. JS to Chief Secretary, Rajasthan, Jaipur.
4. PS to Principal Secretary, Mines and Petroleum Department, Rajasthan, Jaipur.
5. Director, Mines & Geology Department, Rajasthan, Udaipur to forward copy of this notification to concerned ADM/SME/ME/AME/ADG /Suptdg. Geologist/ Sr. Geologist and also to DMGOMS to upload on Department website.
6. Director, Government Press, Jaipur with additional copy of this notification to publish in Extraordinary Gazette immediately and also to send copy of the Gazette to the Department and Directorate of Mines & Geology Department, Udaipur.
7. Guard File.

Signature Not Verified



Digitally signed by Ashu Choudhary
Designation : Joint Secretary To
Government
Date: 2024.09.25 13:21:04 IST
Reason: Approved

SUMMARY OF THE MINERAL LIMESTONE BLOCK- HATHUN

PART A- GENERAL INFORMATION ABOUT MINERAL BLOCK

Features	Details				
1. Location	N/v Borwa, Bhoja Thakur ka Bodiya, Tehsil-Beawar, District- Beawar				
Mineral Block	Hathun Limestone Block N/v Borwa, Bhoja Thakur ka Bodiya, Tehsil-Beawar, District- Beawar				
Corners point (Latitude & Longitude)	POINT	LONGITUDE	LATITUDE		
	A	26° 00' 03.6421" N	74° 20' 32.0103" E		
	B	26° 00' 48.8155" N	74° 21' 09.6142" E		
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Village	Borwa, Bhoja Thakur ka Bodiya, Hathun				
Tehsil/ Taluka	Beawar				
District	Beawar				
State	Rajasthan				
2. Area (Hectare/square kilometers)	258.3339 Hectare				
Mineralised Area	258.3339 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 27 drillhole influence was considered while estimating the resources on the basis of polygon method which falls in the study area. Depth of the borehole is 45 and 100 meters respectively. One to two zones identified with a cumulative thickness of 0.5 m. to maximum 100.0 m. A total 2225 of core samples have been prepared from 27 borehole and were analysed.				
Borehole Spacing (Density)	The boreholes were drilled closely spaced at 400 X 400 m regular grid pattern except some of the boreholes which were shifted due to crops in the agriculture field. The limestone deposit of the area is of regular habit, thus it falls under category G-2 (332), 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 Si₂O%
	Limestone (CaO >34%, MgO <5.00%	543.38	41.18	1.99	19.45

		Sio ₂ <16% wt. average (%)				
		Total	543.38 mT			
	Total Geological Resources	A total geological resource of Hathun block is 543.38 MT with an average grade of CaO 41.18 %, SiO ₂ 19.45 %, MgO 1.99 % has been estimated in the block.				
5.	Mineralised Zones					
	Number of Mineral Zones	One to two zones identified with a cumulative thickness of 0.5 m. to maximum 100.0 m.				
	Trend (Dip and Strike)	The general strike of the band is NE - SW with dips varying from 40° to 80° and forming a syncline plunging NE at an angle of 10° to 15°.				
	Total Thickness	Cumulative thickness of 0.5 m. to maximum 100.0 m.				
6.	Accessibility					
	Nearest Rail Head	Beawar – 13 Km (NW)				
	Road	Hathun Block is located 3.2 KM NE of Hathun village. A network of all-weather motorable roads connect Hathun village to nearby villages and townships. There are buildings & structures within the lease area. The area lies at north around 160 km of Rajasmand on Beawar Rd N.H 58 and 13 km south of Beawar on Bijainagar Rd. S.H 39. The investigated area is well connected by tar road.				
	Airport	Udaipur Airport–229 Km (SW)				
7.	Hydrography					
	Local Surface Drainage Pattern (Channels)	No perennial river originates r flows from this part of investigated area.				
	Rivers/Streams	No Major River dissect the area except a few seasonal nalas which flows in the rainy season and generally flow across the hills.				
8.	Climate					
	Mean Annual Rainfall	Avg 570mm				
	Temperatures (January)	10.55°C min.				
	Temperatures (May)	41.23°C max. recorded				
9.	Topography					
	Toposheet No.	45 J/08 and 45K/05				
	Morphology of the area					

**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	Grama Sabha consent	
15	Any other clearances to start mining operation	

PART- C PARTICULARS OF LAND

	LAND TYPE	Area (in Hectare)
1.	Total Concession Area	258.3339 hectare
2.	Forest Land with status	NIL
3.	Government Land with status	112.8055
4.	Charagah Land with status	34.2258
5.	Private Land with status	111.3026
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.