

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. Falwa Block N/v Falwa, Tehsil Nimbahera, District - Chittorgarh (Raj), Area – 11.9962 Hectares, for Limestone

| POINTS | LATITUDE | LONGITUDE |
|--------|--------------------|--------------------|
| A | 24° 40' 33.5200" N | 74° 36' 18.0200" E |
| B | 24° 40' 27.2300" N | 74° 36' 31.3000" E |
| C | 24° 40' 27.4000" N | 74° 36' 01.5700" E |
| D | 24° 40' 29.2700" N | 74° 36' 02.5300" E |
| E | 24° 40' 33.4800" N | 74° 36' 01.8900" E |

By Order of the Governor,

(Ashu Choudhary)
Joint Secretary to Government

Copy for information 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

Joint Secretary to Government

Digitally signed by Ashu Choudhary
Designation : Joint Secretary To
Government

Date: 2024.09.25 13:21:06 IST

Reason: Approved

SUMMARY OF THE MINERAL LIMESTONE BLOCK FALWA

PART A- GENERAL INFORMATION ABOUT MINERAL BLOCK

| Features | | Details | | | | |
|-----------|--|--|---|-------------------------|-------------------------|-------------------------------------|
| 1. | Location | N/v Falwa, Tehsil- Nimbahera, District- Chittorgarh, Rajasthan | | | | |
| | Mineral Block | Falwa limestone block N/v Falwa, Tehsil-Nimbahera, District- Chittorgarh, Rajasthan | | | | |
| | Corners point (Latitude & Longitude) | POINT | Latitude | Longitude | | |
| | | A | 24° 40' 33.5200" N | 74° 36' 18.0200" E | | |
| | | B | 24° 40' 27.2300" N | 74° 36' 31.3000" E | | |
| | | C | 24° 40' 27.4000" N | 74° 36' 01.5700" E | | |
| | | D | 24° 40' 29.2700" N | 74° 36' 02.5300" E | | |
| | E | 24° 40' 33.4800" N | 74° 36' 01.8900" E | | | |
| | Village | Falwa | | | | |
| | Tehsil/ Taluka | Nimbahera | | | | |
| | District | Chittorgarh | | | | |
| | State | Rajasthan | | | | |
| 2. | Area (Hectare/square kilometers) | 11.9962 Hectare | | | | |
| | Mineralised Area | 11.9962 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 06 boreholes were drilled in the study area, and the influence of 06 drill holes was considered for estimating the resources. The total meterage of drilling in the 06 borehole is 93.70m, 113.65m, 87.76m , 50.00m , 100m , 83m respectively. | | | | |
| | Borehole Spacing (Density) | The boreholes were drilled closely spaced at 400 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 & IV 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 %) | 14.69 | 43.56 | 0.20 | 15.53 |
| | | Total | 14.69 mT | | | |
| | Total Geological Resources | Total Geological resources estimated in this Falwa Limestone Block is 14.69 mT with an average grade of CaO 43.56 % , SiO₂ 15.53 % and MgO 0.20 % . | | | | |
| 5. | Mineralised Zones | | | | | |
| | Number of Mineral Zones | One to two zones identified with a cumulative thickness of 3.0 m. to maximum 90.0 m. | | | | |

| | | |
|-----------|---|---|
| | Trend (Dip and Strike) | The Limestone is trending N-S with 50 to 200 easterly dips. In this area Limestone deposit is bedded form, fine, grained, and light grey in colour with thin shale parting along which it can be splitted. |
| | Total Thickness | Cumulative thickness of 3.0 m. to maximum 90.0 m. |
| 6. | Accessibility | |
| | Nearest Rail Head | Nimbahera |
| | Road | Falwa Block is located 0.2 Km East of Falwa village and 8.7 Km North West of Nimbahera village. A network of all-weather motorable roads connect Nimbahera village to nearby villages and townships. The block is located 0.98 Km South of Maliakheri village. The area lies at around 13.1 kms NW of Nimbahera town on Nimbahera and Chittaurgarh - Jaipur N.H 25. |
| | Airport | Maharana Pratap Airport, Udaipur– 72 Km (W) |
| 7. | Hydrography | |
| | Local Surface Drainage Pattern (Channels) | No perennial river originates or flows from this part of investigated area. |
| | Rivers/Streams | No seasonal river/ nallas etc are available in the block area. State Govt. PHED department and water tanker supply is the main available source of water in the area, which fulfils the water requirement. |
| 8. | Climate | |
| | Mean Annual Rainfall | Avg. 96.75 mm. |
| | Temperatures (January) | 12.01°C |
| | Temperatures (May) | 41.43°C |
| 9. | Topography | |
| | Toposheet No. | 45L/10 |
| | 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 | NIL |
| 2. | Forest Land with status | NIL |
| 3. | Government Land with status | 0.1051 hectare |
| 4. | Charagah Land with status | 0.7519 hectare |
| 5. | Private Land with status | 11.1392 hectare |
| 6. | Revenue survey details of the Area | Available |
| 7. | Total | 11.9962 hectare |

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.