

SUMMARY OF THE MINERAL LIMESTONE BLOCK TKSB-31
PART A – GENERAL INFORMATION ABOUT MINERALBLOCK

| | Features | Details | | | | |
|-----------|--|--|---|-------------------------|-------------------------|-------------------------------------|
| 1. | Location | N/v Haripura, Tehsil- Kheenvsar & District- Nagaur | | | | |
| | Mineral Block | TKSB-31 Limestone Block N/v Haripura, Tehsil- Kheenvsar & District- Nagaur | | | | |
| | Corners point (Latitude & Longitude) | POINT | Longitude | Latitude | | |
| | | R1 | 73° 29' 16.8229" E | 26° 58' 02.4899" N | | |
| | | R2 | 73° 29' 25.5257" E | 26° 58' 02.5831" N | | |
| | | Q2 | 73° 29' 25.6124" E | 26° 57' 56.0848" N | | |
| | | Q1 | 73° 29' 16.9097" E | 26° 57' 55.9915" N | | |
| | Villages | Haripura | | | | |
| | Tehsil / Taluka | Kheenvsar | | | | |
| | District | Nagaur | | | | |
| | State | Rajasthan | | | | |
| 2. | Area (hectares/square kilometers) | 4.8000 Hectare | | | | |
| | Mineralized Area | 4.8000 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 02 holes drilled in the study area & influence of 02 drill hole was considered for estimating the resources. Total meterage of drilling in the 02 borehole is 44m and 60m respectively | | | | |
| | 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 %) | 2.75 | 49.73 | 1.86 | 2.18 |
| | | Total | 2.75 M.T. | | | |

| | | |
|-----------|---|---|
| | Total Geological Resources | A total geological resource of TKSB-31 block is 2.75 mT with an average grade of CaO 49.73 % , SiO₂ 2.18 % , MgO 1.86 % , Fe₂O₃ 0.16 % , Al₂O₃ 0.47 % |
| 5. | Mineralized Zones | |
| | Number of Mineral Zones | One to two zones identified with a cumulative thickness is ranging from minimum 14.5 mts to maximum 28.5 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 is ranging from minimum 14.5 mts to maximum 28.5 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 ^o C min. |
| | Temperatures (June) | 50 ^o 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 | 4.8000 |
| 2. | Forest Land with status | NIL |
| 3. | Government Land with status | 3.7410 |
| 4. | Charagah Land with status | NIL |
| 5. | Private Land with status | 1.0590 |
| 6. | Revenue survey details of the Area | Available |