

# Pre-Feasibility Report

FOR

## **BADARKHA LIMESTONE BLOCK (Auctioned Block)** (LOI Area 121.10 ha- Non-Forest Land)

**Proposed Limestone Production - 0.46 Million TPA, Soil - 0.1 Million TPA, OB/IB/SB - 0.36 Million TPA and Mineral Reject – 0.1 Million TPA (Total excavation – 1.02 Million TPA) along with 200 TPH Crusher**

AT

**Villages – Badarkha, Bigodi and Sannehi Sigt  
Tehsil – Amarpatan, District – Satna, Madhya Pradesh**

FOR

### **TERMS OF REFERENCE**

**Category “A” Schedule S.No.– 1(a) of EIA Notification, 14<sup>th</sup> September, 2006**



**Applicant**

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## **PRE-FEASIBILITY REPORT**

### **1.0 EXECUTIVE SUMMARY**

M/s Dalmia Cement (Bharat) Limited (DCBL) has been successfully declared as the “Preferred Bidder” under The Mineral (Auction) Amendment Rules, 2017 for the grant of Badarkha Limestone block over an area of 121.10 ha at Villages: Badarkha, Bigodi and Sannehi Sigt, Taluka: Amarpatan, District: Satna, Madhya Pradesh through e-auction conducted by Government of Madhya Pradesh. Further, the Government of Madhya Pradesh has issued a Letter of Intent (LoI) vide letter No. F-3-10/2020/12/1 dated 17th Sep 2020 for grant of Mining Lease for the proposed e-auctioned block. The block was auctioned after excluding Nallah, village Road, Public Utilities etc. from LOI area subsequently LOI area was divided in 4 blocks. LOI area comprises of 0.7 ha Government Land and 120.4 ha Private land. Out of the total LOI area, 86.04 ha is mineralized areas and 35.06 ha is non-mineralized area.

The area is bounded by Latitude N 24°23'05.4043" to N 24°24'06.9091" and Longitude E 81°09'47.5703" to E 81°11'22.9854" and falls in Survey of India Toposheet No. G44V3 (63H/3). There is no National Park, Wildlife Sanctuary or Eco-Sensitive Zone etc. within study area (10 km radius from the proposed mine). Prominent water bodies within study area are Bihar Nadi - ~ 0.05 km, E; Murjua Nadi - ~4.5 km, SE; Lilji Nadi - ~6.5 km, N; Jamuniha Nallah-0.8 km, S; Patarh Nallah-1.5 km, SW; Saiphan Nallah - ~7.7 km, E; Bhamra Nallah -7.6 km, NE; Saiphan Nallah -8 km, E; Jura Nallah-8.6 km NW; Garvandha Nallah - 9.9 km ,ENE; Tyondhari Nallah 10 km NW; Govindgarh lake ~8.3 KM, SE and Jinnaha minor purwa canal ~3.16 km, NE from proposed mine boundary. There are 3 Reserved forests (RFs) within study area which are Mand RF ~3.4 km, NE; Papra RF ~3.6 km, S and Govindgarh RF ~8.0 km, SE; Mini Zoo at Mukundpur (in Mand RF) ~6.8 km, SE from proposed mine boundary.

Mining plan of the proposed mine has been approved by IBM, Jabalpur, MP vide letter no MP/Satna/Limestone/MPLN/G-16/2020-21/4148 dated 05/03/2021.

DCBL proposing Badarkha Limestone Block (Area: 121.10 ha) with Proposed Limestone Production 0.46 Million TPA (MTPA), Soil-0.1 MTPA, OB/IB/SB-0.36 MTPA & Mineral Reject-0.1 MTPA (Total excavation 1.02 MTPA) along with 200 TPH crusher. Probable Mineral Reserves is about 7.59 Million Tonnes (cement grade limestone) as per exploration done by Department of Geology & Mining (DGM), Mineral Resources Department, Government of Madhya Pradesh. Conventional Opencast mechanized mining method will be adopted which includes drilling, blasting, loading, crushing & transportation. End use for the limestone to be produced from the mine has not been defined/restricted during auction. However, company proposes to transport the excavated limestone to the integrated cement plant of DCBL

proposed in Village Jamuna, Tehsil Rampur Baghelan, Satna, MP and/or to the other consumers depending upon market demand. Power lines and kacha rasta/un-metaleed footpath are passing through the mine area are currently not proposed to be disturbed and 50 m statutory safety barrier has been considered, however, in due course of time the same may be diverted after obtaining prior permission from competent authorities. Based on the current exploration, at conceptual stage, out of the total excavated area i.e. 42.392 ha, 19.451 ha will be reclaimed by backfilling and plantation will be done over it. Remaining 22.941 ha excavated area will be left with proper fencing. Plantation is proposed to be done on upper most 2 benches (2.88 ha) of excavated pit. Greenbelt /plantation will be done over an area of 12.16 ha including 7.5 m safety barrier and safety zone.

Based on the present exploration, it is estimated that upto conceptual stage about 1.37 million tonnes soil, 5.6 million tonnes OB/IB/SB and 0.95 million tonnes Mineral Reject shall be generated, which shall be stacked separately at earmarked places. The top soil shall be utilized for plantation. OB/IB/SB shall be used for backfilling of excavated pit. Part of the waste material can also be utilized for mine road / ramp development or can be sold for construction of road. High Magnesia limestone and dolomite shall be used by sorting and selectively blending with usable limestone for cement manufacturing or may be used for civil construction and may sell on 'as is where is' basis to outside agencies after obtaining prior permission.

About 44 KLD water is required which will be sourced from ground water after obtaining prior permission and rain water collected in Mine pit as & when developed. Domestic waste water (8 KLD) and waste water from Workshop (3.2 KLD) will be treated in modular STP and Oil & Grease trap respectively and treated water will be used for Plantation & dust suppression. No waste water will be discharged out of the Mine boundary. Retaining Wall & Garland drains with settling tanks & sedimentation ponds will be constructed around the working mine pits and at base of waste dump to check and arrest flow of loose sediments with surface run offs and clean & clear water shall be allowed to flow outside lease area in natural drainage.

The Project Cost is estimated as Rs. 36.53 Cr. The mine shall be contributing around Rs. 6.01 Cr/year to the State & Central Govt. exchequer by way of mining revenue (Royalty, welfare cess etc.) after ML is executed & mine is operated at its targeted capacity of 0.46 million tonnes per annum. Man power of the proposed project is about 35.

The mine is categorized under category A (>50 ha) under schedule 1(a) of Gazette Notification dated Sep 14<sup>th</sup>, 2006 and subsequent amendments.

## 2.0 INTRODUCTION OF THE PROJECT/ BACKGROUND INFORMATION

### 2.1 IDENTIFICATION OF PROJECT AND PROJECT PROPONENT

#### a. IDENTIFICATION OF PROJECT

- DCBL has been declared as the “Preferred Bidder” under the Mineral (Auction) Amendment Rules, 2017 for the grant of Badarkha Limestone Block for Limestone over an area of 121.10 ha in Amarpatan, Tehsil of Satna District, Madhya Pradesh through e-auction conducted by Government of Madhya Pradesh vide notification no. 5548/Auction-4/geology/F.No. 04/2020-21 dated 25.06.2020.
- Further, the government of Madhya Pradesh has issued the **Letter of Intent (LOI)** vide Letter No. F-3-10/2020/12/1 Dated 17<sup>th</sup> September 2020 for grant of Mining Lease for the said Block for a period of 50 years. **(Annexure – 1)**
- Mining plan has been approved vide Letter no. MP/Satna/Limestone/MPLN/G-16/2020-21/4148 Dated 05/03/2021 by Regional Controller of Mines, Indian Bureau of Mines, Jabalpur, MP. **(Annexure -2)**
- The Badarkha Limestone Block had been auctioned by Govt. of Madhya Pradesh without any condition for captive consumption of limestone as per point 6 of Schedule IV of Tender Document, which describes about the utilization of mineral.

DCBL proposing Badarkha Limestone Block (Area: 121.10 ha) with Proposed Limestone Production 0.46 MTPA (Million TPA), Soil-0.1 MTPA, OB/IB/SB-0.36 MTPA & Mineral Reject-0.1 MTPA (Total excavation 1.02 MTPA) along with 200 TPH crusher. However, the mine will cater to a part requirement of limestone to the proposed plant of DCBL in Village Jamuna, Tehsil Rampur Baghelan, Satna, MP and part of the limestone can also be sold to other cement plants and end use industries depending upon market demand.

The block was auctioned after excluding Nallah, village Road, Public Utilities etc. from LOI area subsequently LOI area was divided in 4 blocks. Details of Govt. Land and Pvt land in LOI area is detailed below:

**Table 1: Details of Block Area (ha)**

Blocks	Village	Private land		Government Land		Forest Land		Total
		Mineralized	Non-Mineralized	Mineralized	Non-Mineralized	Mineralized	Non-Mineralized	
Block-1	Badarkha & Bigodi	67.10	0.00	0.26	0.00	0.00	0.00	67.36

Block-1	Bigodi	0.00	19.82	0.00	0.00	0.00	0.00	19.82
Block-2	Sannehi Sigt	10.37	6.48	0.20	0.10	0.00	0.00	17.15
Block-3	Badarkha	4.52	1.30	0.00	0.14	0.00	0.00	5.96
Block-4	Bigodi	3.60	7.20	0.00	0.00	0.00	0.00	10.80
<b>Total</b>		<b>85.59</b>	<b>34.80</b>	<b>0.46</b>	<b>0.24</b>	<b>0.00</b>	<b>0.00</b>	<b>121.10</b>

**Source:** Approved Mining Plan along with Progressive Mine Closure Plan

Details of the survey number/Khasra number as provided in the tender documents is attached as **Annexure -3**.

**b. IDENTIFICATION OF PROJECT PROPONENT**

Dalmia Cement (Bharat) Ltd. (DCBL) is one of the leading cement producers of India. It was founded in 1935 by Shri Jaidayal Dalmia. First Cement Plant of DCBL was established in 1939 at Dalmiapuram, TamilNadu. thus enjoying a heritage of over 82 Years of expertise and experience. The registered address of DCBL is Dalmiapuram, P.O. Kallakudi, Dist.- Tiruchirappalli (Tamil Nadu) -621651. Company’s Corporate Identity Number is U65191TN1996PLC035963.

Presently, DCBL cement production capacity stands at 30 Million tonnes & has a strong presence in Southern, Eastern & North-East Regions of the Country. The DCBL currently has cement plants in Tamil Nadu (Dalmiapuram & Ariyalur), Andhra Pradesh (Kadapa), Meghalaya (Thangskai), Assam (Umrangso & Lanka), Karnataka (Belgaum), Jharkhand (Bokaro), Odisha (Rajgangpur & Kapilas), Bihar (Kalyanpur), West Bengal (Medinipur) and Maharashtra (Chandrapur).

DCBL is a member of CSI (Cement Sustainability Initiative, under the aegis of the WBCSD, Geneva). Consequently, it is bound by the CSI’s Charter on Sustainability. We adhere to the exacting and very comprehensive standards of the CSI.



DCBL is the first company in the cement sector to achieve GREENPRO certification for Portland Pozzolana Cement from CII.

DCBL is in partnership with Global Alliance “EP 100” for energy productivity.



DCBL committed to double their energy productivity by 2030 from a baseline year of 2010-11.



DCBL is also in partnership with CDP “RE 100” for shift towards renewable energy commitment.

## **2.2 BRIEF DESCRIPTION OF THE NATURE OF PROJECT**

Mining will be done by Conventional Opencast mechanized method including drilling, blasting, loading, Crushing and transportation. Total excavation proposed from the mine is 1.02 MTPA which includes Limestone Production 0.46 MTPA, Soil -0.1 MTPA, OB/IB/SB- 0.36 MTPA and Mineral reject 0.1 MTPA. It is also proposed to install a 200 TPH crusher within the ML area.

**SCREENING CATEGORY** - As per EIA Notification dated 14<sup>th</sup> September, 2006 as amended from time to time, the project falls under Category "A", Project / Activity is 1 (a) "Mining of Mineral"

## **2.3 NEED FOR THE PROJECT & ITS IMPORTANCE TO THE COUNTRY/ REGION**

### **NEED FOR THE PROJECT**

India is the second largest producer of cement in the world. India's cement industry is a vital part of its economy, providing employment to more than a million people, directly or indirectly. As per the Union Budget 2021-22, the Government approved an outlay of Rs. 1,18,101 crore for infrastructure, affordable housing schemes and Road projects and Highways, which is expected to boost the demand for cement. The Union Budget allocated Rs. 13,750 crore and Rs. 12,294 crore for Urban Rejuvenation Mission: AMRUT and Smart Cities Mission and Swachh Bharat Mission, respectively and Rs. 27,500 crore has been allotted under Pradhan Mantri Awas Yojana. The Government of India has also decided to adopt cement instead of bitumen for the construction of all new road projects which will also increase the cement demand. Limestone is the main component for cement manufacturing. About 0.46 Million TPA of limestone will be mined from the proposed ML. The mine will cater to a part requirement of limestone to the proposed plant of DCBL at village Jamuna, Tehsil Rampur Baghelan, Satna, MP and part of the limestone can also be sold to other cement plants and end use industries depending upon marked demand.

### **IMPORTANCE TO THE COUNTRY/ REGION**

- The mine shall be contributing around Rs. 6.01 Cr/year to the State & Central Govt. exchequers by way of mining revenue (Royalty, welfare cess etc.) after ML is executed & mine is operated at the proposed capacity.
- 35 persons will be employed directly in this mine and various indirect employment will also be generated for local population of the region.
- With the proposed development in and around the area, there will be supporting facilities/infrastructure eventually leading to the development of the area.

- It will also bridge the gap between demand and supply of cement to the consumers. The project will help in the overall growth of the region.

## **2.4 DEMAND – SUPPLY GAP**

Since Limestone is the main raw material for cement production, the demand is always there with that of cement. The demand of cement industry is expected to reach 550-600 MT per annum (MTPA) by 2025 because of the expanding demand of different sectors, i.e., housing, commercial construction, and industrial construction. There is a large gap between the demand of limestone and the supply of Limestone. This project will help to fill the demand – supply gap. Limestone excavated from the proposed mine will meet the partial limestone requirement for the Proposed Integrated Cement Plant of DCBL as well as other end users as & when required.

## **2.5 IMPORTS Vs. INDIGENOUS PRODUCTION**

The limestone produced from proposed mine shall be sent to the cement plant of the company and to other consumers.

## **2.6 EXPORT POSSIBILITY**

No exports of limestone is proposed.

## **2.7 DOMESTIC/EXPORT MARKETS**

There will be no export of limestone. The excavated limestone will partially meet the requirement of proposed integrated cement plant of DCBL. Company shall also sell a part of its limestone production to other cement plants & end use industries as and when required.

Apart of it, in order to have better utilization of the High Magnesia limestone, attempts will be made during plan period to examine the feasibility of upgrading these minerals. In case not found suitable for up gradation, avenues shall be explored to utilize the High Magnesia Limestone and Dolomite along with other waste materials for use in civil construction & building material and may sell these rocks on ‘as is where is’ basis to outside agencies. The lessee shall obtain necessary permission from Directorate of Mines & Geology, Govt. of Madhya Pradesh for disposal of this High Magnesia limestone and dolomite. Similarly, part of the waste materials can also be utilized for mine road/ramp development/back filling etc. Some quantity of waste can also be sold to outside parties for road making etc.

## **2.8 EMPLOYMENT GENERATION (DIRECT AND INDIRECT) DUE TO THE PROJECT**

The total man power requirement will be about 35 persons. Preference will be given to suitable local people for employment. Beside this, the mining activity will also create lot of

indirect employment opportunities to the local people in various activities like afforestation, canteen, transportation, workshops and other petty shops etc.

**Table – 2: Details of Manpower**

<b>Sr No.</b>	<b>Position</b>	<b>Level</b>	<b>Company Payroll/ Contractual</b>	<b>Nos</b>
1	Manager	Managerial	Company Payroll	1
2	Assistant manager & Mining Engineer	Managerial	Company Payroll	1
3	Geologist	Managerial	Company Payroll	1
4	Mechanical Engineer	Managerial	Company Payroll	1
5	Foreman	Supervisory	Company payroll	2
6	Surveyor	Supervisory	Company payroll	1
7	Mining Mate	Supervisory	Company payroll	1
8	Environmental Engineer	Managerial	Company payroll	1
9	Drill/ Compressor operator	Other	Contractual	2
10	HEMM Operators	Other	Contractual	14
11	Administrative staff	Other	Contractual	1
12	HEMM Mechanics	Other	Contractual	4
13	Helpers	Other	Contractual	2
14	Watch & Ward	Other	Contractual	3
<b>Total</b>				<b>35</b>

*Source: Approved Mining Plan along with Progressive Mine Closure Plan*

### **3.0 PROJECT DESCRIPTION**

#### **3.1 TYPE OF PROJECT INCLUDING INTERLINKED AND INDEPENDENT PROJECTS IF ANY**

##### **Type of Project:**

Proposed project is an opencast mine secured by DCBL after E-Auction. Mining will be done by conventional mechanized method including drilling, blasting, loading, crushing and transportation.

##### **Interlinked Project**

The Badarkha Limestone Block had been auctioned by Govt. of Madhya Pradesh without any condition for captive consumption of limestone as per point 6 of Schedule IV of Tender Document, which describes about the utilization of mineral.

However, DCBL is proposing to utilize the part of limestone in it's proposed Integrated Cement Plant - Clinker (3.0 Million TPA), Cement (2.5 Million TPA), CPP (54 MW) at village: Jamuna, Tehsil: Rampur Baghelan, District: Satna, Madhya Pradesh proposed about 35 km (by road) in North from the proposed mine.

Terms of Reference (ToR) for proposed cement plant has been obtained from MOEF&CC vide F.No. J-11011/42/2019-IA. II(I) dated 23.09.2019. Public Hearing for the same has also been conducted on 28.10.2020.

**Interdependent Project:**

Part of Limestone will be transported to other cement plant and end use industries as and when required.

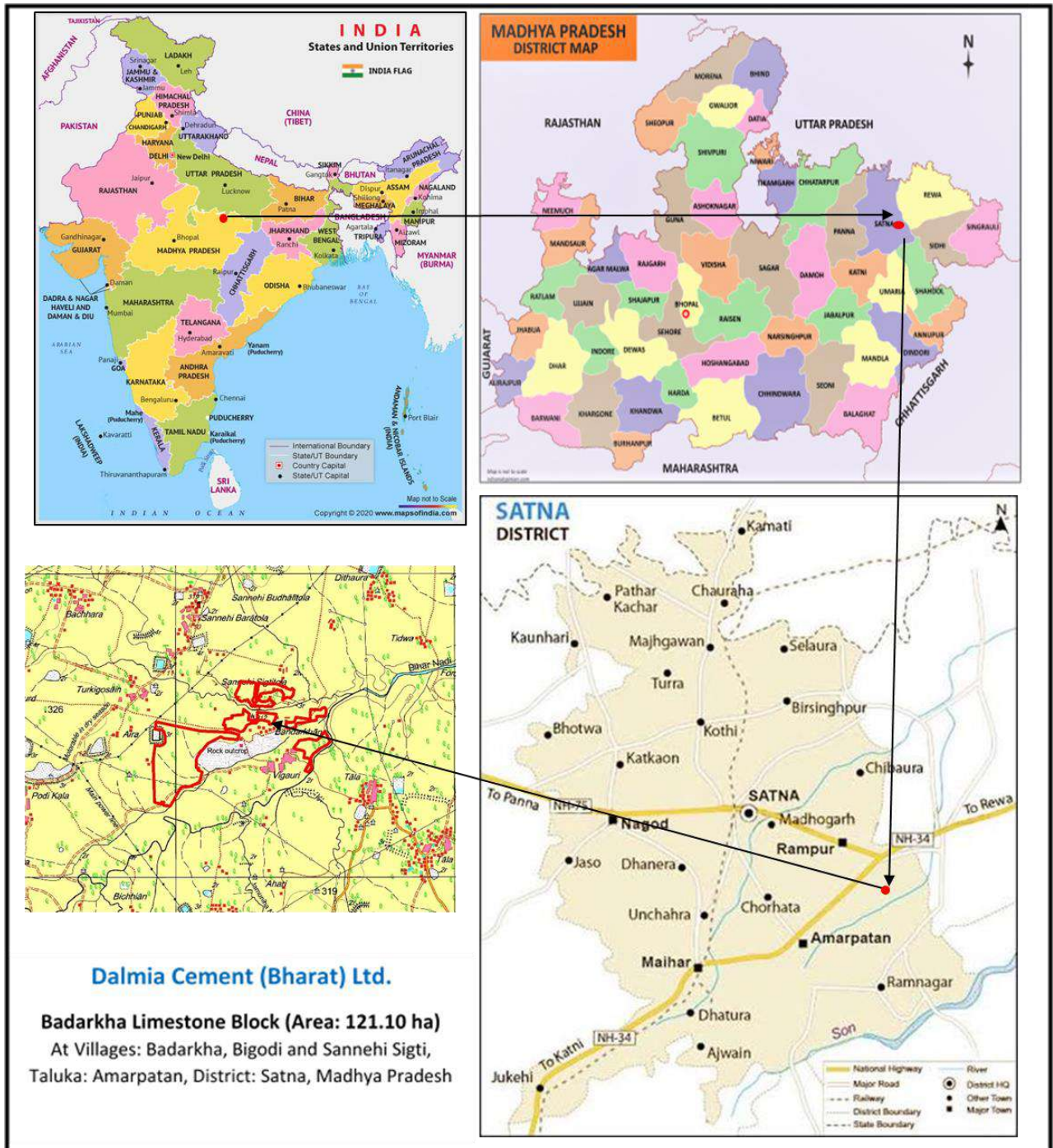
**3.2 LOCATION (MAP SHOWING GENERAL LOCATION, SPECIFIC LOCATION, AND PROJECT BOUNDARY & PROJECT SITE LAYOUT) WITH COORDINATES**

The proposed project site is located at Village – Badarkha, Bigodi and Sannehi Sigt, Tehsil – Amarpatan, District – Satna, Madhya Pradesh. Location map showing the proposed project site is given in **Figure no. 1**.

The block is devoid of any historical site, Forest, National park and Sanctuary. Location details are given in below table:

**Table –3: Location Details**

<b>S. No.</b>	<b>Location Details</b>	
1.	Villages	Badarkha, Bigodi and Sannehi-Sigt
2.	Tehsil	Amarpatan
3.	District	Satna
4.	State	Madhya Pradesh
5.	Latitude & Longitude	Latitude: 24°23'05.4043 N to 24°24'06.9091" Longitude: 81°09'47.5703" E to 81°11'22.9854"
6.	Topo sheet No.	G44V3 (63 H/3)



**Figure 1: Location Map of Badarkha limestone Mine**

**3.3 DETAILS OF ALTERNATIVE SITE CONSIDERATION AND BASIS OF SELECTING THE PROPOSED SITE PARTICULARLY THE ENVIRONMENTAL CONSIDERATIONS GONE SHOULD BE HIGHLIGHTED**

- The Badarkha Limestone Block is geologically surveyed and explored by Department of Geology & Mining, Govt. of Madhya Pradesh prior to notifying the block under auction.

- DCBL has been successfully declared as the “Preferred Bidder” for the grant of proposed limestone block through e-auction conducted by Govt. of MP.
- Out of total 121.10 Ha 86.04 Ha is mineralized and the remaining 35.06 Ha is non-mineralized with the estimated probable Mineral Reserves of 7.59 Million Tonnes as per Geological report provided by Directorate of Geology & Mining, Madhya Pradesh. Based on the presence of mineral and after excluding Nallahs, Road, Public Utilities, the Block was actioned in 4 Blocks.
- Entire Mining Lease area is Non-forest land.

### 3.4 SIZE OR MAGNITUDE OF OPERATION

M/s. DCBL is proposing Badarkha Limestone Block (LOI Area: 121.10 ha) with Limestone Production -0.46 MTPA, Soil -0.1 MTPA, OB/IB/SB -0.36 MTPA and Mineral Reject -0.1 MTPA (Total Excavation -1.02 MTPA) along with 200 TPH capacity of Crusher at Villages: Badarkha, Bigodi and Sannehi Sigt, Taluka: Amarpatan, District: Satna, Madhya Pradesh.

#### 3.4.1 GEOLOGY

##### i. REGIONAL GEOLOGY

Vindhyan Super group is exposed in a vast area. It stretches from Bihar in the east to Rajasthan in the west forming NNE-SSW syncline. Limestone of the area belongs to Bhandar group. The regional geological set up of the aforesaid covered area is as given below: -

Age	Supergroup	Group	Lithology
Recent to Sub Recent	-	-	Soil/Alluvium Laterite
Proterozoic	Vindhyan	Bhandar	Sirbu Shale Bhandar Limestone (Nagod)

##### ii. LOCAL GEOLOGY

**Survey:** The Badarkha Limestone Block is geologically surveyed and explored by Department of Geology & Mining, Govt. of Madhya Pradesh. In the survey all the physiographical features were marked along with taking R.L. of bore holes. Superimposition of aforesaid data were done on Cadastral map for using it for further mining purpose of deposit.

**Geological Mapping:** The outcrop geological mapping was done simultaneously along with gridding to gather the exact geological disposition of limestone within the area. The rock unit found in area of interest is shale and limestone.

### **Description of Rocks:**

A short account of rock type and its characteristics being narrated as under: Shale and Limestone

#### **Shale:**

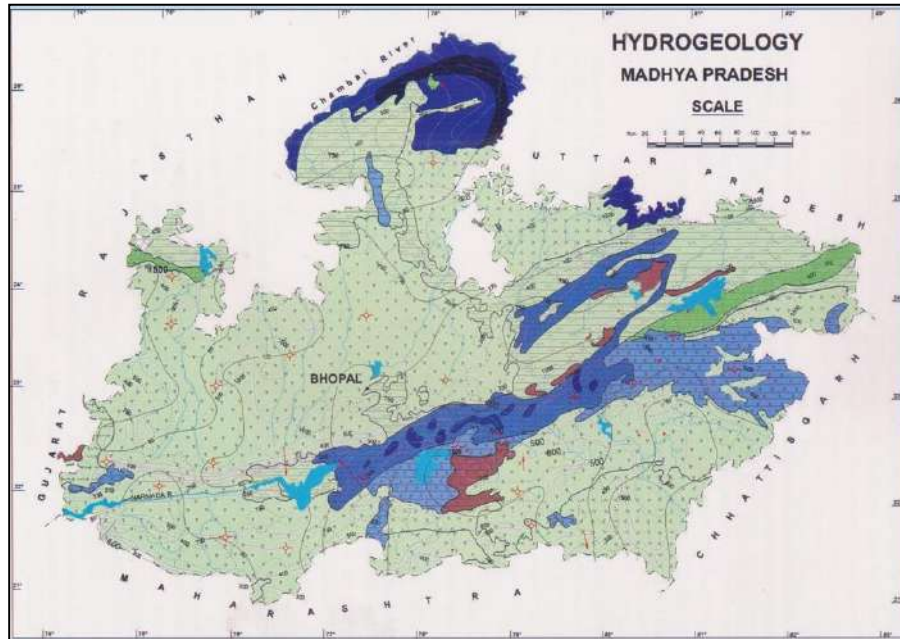
The shales of area are red to cherry red in colour, flaggy in nature and easily breakable. There are thick piles of shale in the area wherever it is exposed. It is at places seen traversed by gypsum and thin lamellae of brown, buff, pale yellow and greenish material. It has gentle dip varying between 2° to 10° due North.

#### **Limestone:**

The area consists of Nagod Limestone which is grey, light gray, fine grained, soft and stratified. It is stromatolitic with their intercalations of argillaceous material. At places inherent silica and argillaceous material makes it to siliceous to shally limestone. There are occurrence of Limestone as small and large out crops. It runs parallel to the both side of river Bihar. The general dip observed in survey is about 5° to 10° due North.

### **iii. HYDROGEOLOGY**

The main source of ground water recharge in the Satna district is rainfall. Various geological formations ranging in age from Archaeans to Recent are occurring in different part of area, making geological set up complex. However, Vindhyan are main rock units of the area, covering more than 95% of geographical area of the district. Among Vindhyan rocks both Lower and Upper Vindhyan are representing the area, but Lower Vindhyan are mostly occupying in southern part of the area in Son Sub-basin. Occurrence and movement of ground water in hard rocks is essentially by development and nature of secondary joints and fractures while solution cavities in limestones also play an important role. Ground water in general occurs under unconfined to semi-confined conditions. The occurrence and movement of ground water in different lithological units can briefly be described as:



**Figure 2: Geo-hydrological Map of the Madhya Pradesh**

**Kaimur Group:** The Kaimur rocks forming the hilly tracts of the district comprise consolidated quartzites, sandstones & shales. These rocks possess meager porosity and permeability. Joints, fissures & fractures developed in these rocks provide secondary porosity. The yield of the rocks of the Kaimur series is poor

**Rewa Group:** The Rewa sandstones are hard & compact with little primary porosity. The weathered & fractured sandstones control occurrence & movement of ground water on a limited scale.

**Bhander Group :**The Gunurgarh & Sirbu shales are poorly permeable due to their susceptibility to weathering. TA weathered mantle of 5 to 10 meters has been developed in the area. The dug wells tapping this weathered horizon yields limited quantity of water. At deeper depths, due to seepage of ground water through joints and fractures solution cavities developed along bands of gypsum and limesones. The ground water occurring in artesian condition with high piezometric heads are occurring in these solution cavities and they are tapped by some dug cum bore wells & bore wells. Limestones are hard, compact but jointed & fractured. The weathered zone in this extends down to a maximum depth of 5 m in topographic low areas. Along the joints & planes of stratification crack in limestone & solution cavities are developed. These Cavernous limestones hold good amount of ground water. The drilling carried out by Madhya Pradesh Public Health Engineer in Department in the western part of the Rewa town reveals Cavernous water bearing zones below zones below 24 m at

village Madhavpur and below 39 m at village Dholgarh and Nowbastha. The yields is upto 450 m<sup>3</sup>/day per well have been reported.

### 3.4.2 RESOURCE ESTIMATED

- The Badarkha Limestone Block is geologically surveyed and explored by Department of Geology & Mining, Govt. of Madhya Pradesh. The reserves of the auctioned block was determined by means of Area of influence/Polygonal method. However due to inadequacy of the aforementioned method of reserve estimation, DCBL re-evaluated the resource by cross sectional method.
- The bulk density of limestone is considered as 2.5 as per the DGM's report. The bulk density considered for shale & Soil is 2 and 1.6 respectively.
- The thickness of top soil varies from 0.00 m to 4.0 m with an average thickness of 1.0 m.
- As per the Geological Report by DGM, the total area has been divided into two categories i.e. Mineralized Zone i.e. 86.04 ha and Non-mineralized zone i.e. 35.06 ha. The entire mineralized area is not explored in G-1 category of UNFC as some area is blocked by statutory safety barrier of Habitation, Nallahs, Canal, High tension power line etc. Only 61.61 Ha area is considered under G-1 level and the remaining mineralised area i.e. 24.43Ha is partly explored therefore considered under G-2 level. Accordingly, UPL has been delineated over the locations free from any statutory barrier and explored at least in G-1 or G-2 UNFC categories. Hence, detailed exploration by systematic drilling of core bore holes at 200 m or closer grid interval is proposed by DCBL in mineralised as well as non-mineralised area during plan period to prove the entire area into G-1 category. The UPL will change after detailed exploration and obtaining various statutory clearances for above mentioned safety barriers.
- On the basis of present exploration, details of estimated Reserves and resources as per UNFC Code are given in table below:

**Table –4: Estimated Reserves and Resources as per UNFC Code**

<b>Reserves &amp; Resources in 121.10Ha. (Non-Forest) Lol area.</b>	<b>UNFC Code</b>	<b>Quantity (Mil ton)</b>	<b>Grade</b>
<b>A. Total Mineral Reserves</b>		<b>7.59</b>	
Proved Mineral Reserves	111	--	--
Probable Mineral Reserves	121	4.94	CaO-43.23%, MgO-2.8%, SiO <sub>2</sub>
	122	2.65	(Al) -11.51%,

<b>B. Total Remaining Resources</b>			<b>9.74</b>	--	
Feasibility Mineral Resources		211	--	--	
Prefeasibility	Mineral	221	8.94	CaO-43.14%,	MgO-2.50%,
Resources		222	0.80	SiO2-12.48%,	
<b>Total Reserves + Resources</b>		<b>A + B</b>	<b>17.33</b>	--	

*Source: Approved Mining Plan along with Progressive Mine Closure Plan*

### **3.5 PROJECT DESCRIPTION WITH PROCESS DETAILS (A SCHEMATIC DIAGRAM/ FLOW CHART SHOWING THE PROJECT LAYOUT, COMPONENTS OF THE PROJECT ETC. SHOULD BE GIVEN)**

Mining will be done by Conventional Open cast mechanized mining method including drilling, blasting, loading, Crushing and transportation. The details of mining along with schematic flow diagram is as follows: -

- Soil will be stripped to expose the minable ore and will be stacked separately for use in future.
- Mining benches shall be kept at 6 m height in average. Working bench width shall be maintained at around 10-15 m. Individual bench slope angle shall be kept 85° from horizontal.
- Initially, mining will be carried out in North-eastern part of Block-1. This area has been selected for mining as the limestone reserves are proved by exploration in probable (121) categories.
- **Drilling:** Hydarualic Drills fitted with sharp drills bitts will be used to ensure safety, productivity and for effective dust collection and minimise noise.
- **Blasting:** Controlled blasting with 'V' pattern firing shall be in practice. Blasting shall be done by using NONEL system of initiation to reduce vibration and fly rock. Proper charging, stemming and controlled blasting with NONEL system of initiation is proposed for getting optimum blast results and minimization of hazards while preventive measures like marking of danger zone, arrangement of warning signals by hooting etc shall be adopted.

**Table –5: Broad Blasting Parameters**

Height of bench	6 m
Sub-drilling	0.5 m
Depth of Blast hole	6.5 m
Burden	3.5 m
Spacing	4 m
Hole diameter	100 mm

Yield per hole (Loosening of rock mass per hole)	84M <sup>3</sup> or 210 tonnes
Powder Factor Projected	7Kgs / tonnes

Source: Approved Mining Plan along with Progressive Mine Closure Plan

- **Excavator:** Hydraulic excavators of 30 Ton with backhoe bucket capacity of 1.5m<sup>3</sup> shall be deployed in the proposed mine.
- **Rock breaker:** One no. of rock breaker shall be used for breaking of big boulders of size more than 1.0 mt. to avoid secondary blasting.
- **Transport:** The materials will be loaded and sent to crusher by dumpers and Excavator combination. The ultimate transport of crushed limestone to the proposed cement plant of DCBL and to the other consumers shall be done by road transport in two shifts basis.
- **Crusher:** A 200 TPH Crusher is proposed to setup near the North-eastern corner of the Block-1.
- The working will be carried out in one shift in 300 days in a year.

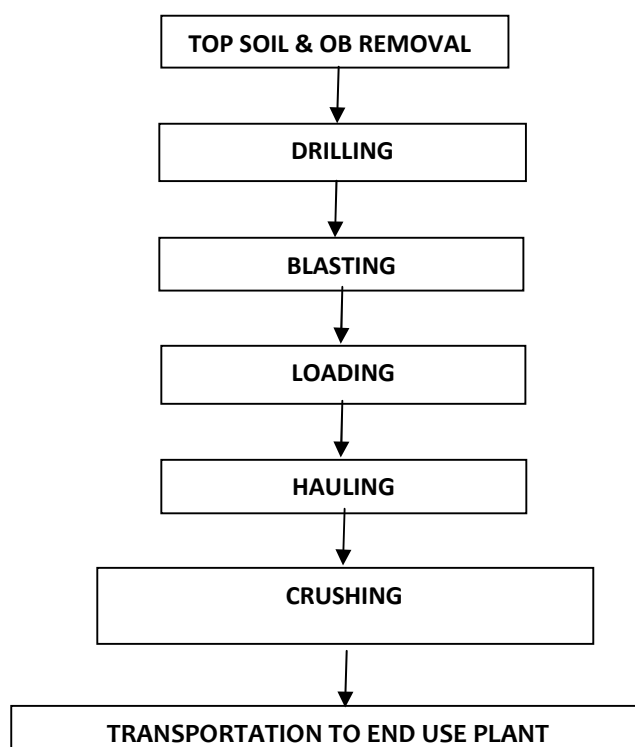


Figure: 3 Flow Chart of Mining Process

### 3.5.1 INSITU TENTATIVE EXCAVATION

Table – 6: Proposed Production Details during plan period

Year	Total tentative Excavation	Top soil (Tonnes)	OB/SB/IB (Tonnes)	ROM (Tonnes)				Mineral reject (Tonnes)	ROM/ Waste Ratio
				CGLT	BGLT	SHLT	Total		
1st	Land Purchase + obtaining various Statutory Clearances								

2nd									
3rd	557332.77	54299.48	353096.99	149936.30	0.00	0.00	149936.30	0.00	1:2.35
4th	377887.00	13604.04	214376.52	121480.65	0.00	28425.79	149906.45	0.00	1:1.43
5th	516580.11	743.58	56654.67	246801.43	147598.80	64781.63	459181.86	0.00	1:0.12
Total	1451799.88	68647.10	624128.17	518218.38	147598.80	93207.43	759024.60	0.00	1:0.82

*Source: Approved Mining Plan along with Progressive Mine Closure Plan*

**Note:** Tonnage conversion factor 2.5 T/CuM is considered for Limestone, 2 T/CuM considered for shally limestone or waste and 1.6T/CuM is considered for topsoil

Peak production capacity of the proposed mine will be - Limestone 0.46 MTPA, Soil-0.1 MTPA, OB/IB/SB-0.36 MTPA and Mineral Reject-0.1 MTPA (Total Excavation 1.02 MTPA).

### 3.5.2 EXTENT OF MECHANIZATION

The machinery requirement particularly for drilling, excavation and transportation has been worked out and listed as below: -

**Table – 7: Machinery details**

S. No	Machinery/ Make	Capacityof each unit	No. of units	Standby	Total
1.	Hydraulic excavators	1.5 CuM	3	0	4
2.	Dumpers	10 tonnes	8	2	10
3.	Drill machine	100 mm	1	0	1
4.	Rock breaker with backhoe arrangement	50 tonnes	1	-	1
5.	Dozer	270 HP	1	-	1
6.	Road Grader	-	1	-	1
7.	Water sprinkler	16 Kl	1	-	1
8.	Weigh Bridge	50 tonne	1	-	1

*Source: Approved Mining Plan along with Progressive Mine Closure Plan*

### 3.5.3 ANTICIPATED LIFE OF MINE

During the plan period, the total production of usable grade limestone has been planned to be about 0.75 Million Tonnes. It has been planned to produce about 0.46 million tonnes of usable limestone per annum. Therefore, with the proposed production the mineral reserve will last for about 19.87 say 20 years after the lease is executed.

Total Reserves: 7.59 Million Tonnes

Proposed production during the plan period: 0.75 Million Tonnes

Balance Reserves available after the plan period: 6.84 Million Tonnes

Balance life of Mine:  $6.84/0.46=14.87$  Years

Hence the total life of mine: 5 years+14.87 years=19.87 Years (~ 20 Years)

However, with the proposed exploration and removal of mining constraints, the life of mine

is expected to increase.

### 3.5.4 ULTIMATE EXTENT AND SIZE OF THE PIT

During conceptual period, the quarry shall be worked up to the UPL to win the mineable reserves within the lease area considered under mineral reserves. The ultimate pit will have haul roads and benches as per the following specifications: -

- a) Max Bench Height - 6m
- b) Bench slope – 85°
- c) Bench width - 6m
- d) Ultimate pit limit at depth – 262.79mRL
- e) Ultimate Slope - 45°
- f) Haul Road Width - 15m
- g) Gradient – 1 in 16

### 3.5.5 LAND USE DETAILS

The land use details of proposed mine at different stage is tabulated below:

**Table –8: land Use Pattern of Proposed Mine**

Sr. No.	Description	Existing (Ha)	End of Plan (Ha)	Conceptual (Ha)
1	Area under mining	0	4.97	42.392
2	Storage of topsoil	0	0.9	0
3	Waste dump site including retaining wall, garland drain etc.	0	2.58	0
4	Mineral storage	0	0	0
5	Sub-grade stack	0	0	0
6	Infrastructure (Workshop, Admin. Building, Magazine etc.)	0	1	0.1
7	Roads	0.14	2.03	0.55
8	Railways	0	0	0
9	Tailing Pond	0	0	0
10	Effluent Treatment Plant	0	0	0
11	Mineral Separation Plant – Crushing Plant	0	0.54	0
12	Township area	0	0	0
13	Others (safety zone of Habitation, Nallah)	0.11	0.11	Considered in undisturbed
14	Greenbelt/ Plantation	0	6.24	12.16
	Sub – Total	0.25	18.37	55.312
15	Undisturbed	120.85	102.73	65.898
	<b>Total</b>	<b>121.1</b>	<b>121.1</b>	<b>121.10</b>

Source: Approved Mining Plan along with Progressive Mine Closure Plan

### **3.6 RAW MATERIAL REQUIRED ALONG WITH ESTIMATED QUANTITY, LIKELY SOURCE, MARKETING AREA OF FINAL PRODUCTS, MODE OF TRANSPORT OF RAW MATERIAL AND FINISHED PRODUCT**

- This is a Limestone Mining project; thus no other major raw material is required. Explosives for blasting and fuel/diesel for HEMM will be required during operation. About 1.6 KL/day HSD is estimated to be required for mining operations which will be sourced from nearby depot. In blasting, for a single blast of about 40 holes, about 30 kg explosives is estimated to be required for each hole considering powder factor of 7-8 kg/tonnes.
- Excavated limestone will be transported to crusher by haul road through dumpers. Crushed limestone will be further transported to the company's proposed cement plant and other end use industries by road transport in two shift basis.

### **3.7 RESOURCES OPTIMIZATION/ RECYCLING AND REUSE ENVISAGED IN THE PROJECT, IF ANY, SHOULD BE BRIEFLY OUTLINED**

- In order to have better utilization of the High Magnesia Limestone, the feasibility of upgrading these rocks will be examined. In case these rocks are not suitable for up-gradation and use for cement manufacture, the lessee shall find avenues to utilize these high magnesia Limestone and Dolomite along with other waste materials for use in civil construction & road building purpose and may sell these rocks on 'as is where is' basis to outside agencies in the interest of mineral conservation and utilization after obtaining necessary permissions from competent authorities / State Govt. During first five years no High Magnesia limestone will be generated.
- Similarly, part of the waste materials may also be utilized for mine road/ramp development /back filling etc. Some quantity of waste can also be sold to outside parties for road making etc.
- Top soil generated till the conceptual period will be utilized for plantation purpose.
- There will be no industrial waste water generation due to proposed project except waste water from workshop. Wastewater generated from workshop (3.2 KLD) will be treated using oil-water separator and treated wastewater will be used in dust suppression and vehicle washing.
- It is estimated that about 8 KLD of waste water generated from mine office, rest shelters etc. will be treated in STP and treated water will be used for plantation.

### 3.8 AVAILABILITY OF WATER ITS SOURCE, ENERGY /POWER REQUIREMENT AND SOURCE SHOULD BE GIVEN

#### 3.8.1 Water Requirement

About 44 KLD of water is required for domestic, workshop, green belt & dust suppression. The water demand will be met by ground water after obtaining necessary permission from the competent authorities. Later rain water collected in mining pit, as & when developed, will be utilized in dust suppression and plantation / green belt. Treated Waste water generated from work shop and modular STP will also be utilized in dust suppression and green belt development.

**Table – 9: Water Requirement**

Activities	Requirement per day (KLD)	Estimated Wastewater Generation (KLD)
Domestic	10	8
Dust suppression	20	Nil
Plantation	10	Nil
Workshop	4	3.2
<b>Total requirement</b>	<b>44</b>	<b>11.2</b>

*Source: Approved Mining Plan along with Progressive Mine Closure Plan*

As per Ground Water Resource Assessment-2020 issued by Central Ground Water Board vide Public Notice No. 16/2021, dated 12<sup>th</sup> October, 2021, project area falls in assessment unit “Amarpatan” which is categorized as Safe category.

#### 3.8.2 Power Requirement

About 0.5 MW power will be required for Crusher, illumination and other activities which will be met from the Madhya Pradesh Poorv Kshetra Vidyut Vitaran Company Ltd. (Wholly Owned by Government of MP) and D.G. Set (500 KVA) for power Back up and emergency.

### 3.9 QUANTITY OF WASTE TO BE GENERATED (LIQUID AND SOLID) AND SCHEME FOR THEIR MANAGEMENT/DISPOSAL

#### SOLID WASTE

The quantity of waste likely to be generated during conceptual period is as below:

**Table – 10: Estimated waste generation during Plan period and Conceptual Period**

Particulars	Soil	OB/IB/SB	Mineral Reject
Qty to be generated during plan period (Million CuM)	0.043	0.312	0.00

Quantity to be generated during conceptual period (Million CuM)	0.81	2.49	0.38
Management & Disposal	Stacking at earmarked place and utilized for plantation	Stacking at earmarked place, mine road / ramp development / back filling / Sell out	Blending/ for use in construction & road/To sell out

In order to have better utilization of the High Magnesia limestone, attempts will be made during plan period to examine the feasibility of upgrading these minerals. In case not found suitable for up gradation and use for cement manufacture, avenues shall be explored to utilize the High Magnesia Limestone and Dolomite along with other waste materials for use in civil construction & building material and may sell these rocks on 'as is where is' basis to outside agencies. Necessary permission will be obtained from Directorate of Mines & Geology, Government of Madhya Pradesh for disposal of this High Magnesia limestone and dolomite. Part of the waste material can also be utilized for mine road / ramp development / back filling etc.

The soil will be stacked separately over an area of 0.9 Ha. towards the North-eastern corner of Block-1. Topsoil will be used for greenbelt development/plantation. The waste materials to be generated during mining operation throughout the plan period shall be temporarily dumped within the part-2 of Block-1 covering an area of 2.42 Ha. Maximum height of the dump shall be kept at 16 m with two terraces of maximum 8m. each. and slope will be maintained at 28°. Retaining walls and garland drains with settling tanks shall be built at base of dumps and will be maintained regularly.

**Municipal Solid Waste (MSW):** Municipal Solid Waste about 7 kg/day and horticulture waste will also be generated, which will be segregated in organic & inorganic contents. Organic waste shall be composted. Recycling materials in inorganic waste shall be stored and disposed off/recycled suitably.

**Hazardous Waste:** Used or Spent oil ~1 TPA (Tonnes/Annum), Contaminated cotton rags or other cleaning materials ~0.1 TPA, Empty barrels/containers/liners ~1TPA contaminated with hazardous chemicals/wastes and Oily sludge from workshop will be handled/stored/managed at earmarked places as per the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016.

## **LIQUID WASTE**

**Wastewater:** It is estimated that about 8 KLD of domestic waste water will be generated from the mine office which will be treated in STP and treated waste water will be used for plantation. About 3.2 KLD waste water generated from workshop will be treated in oil & grease separator and treated waste water will be used for dust suppression & vehicle washing.

**Surface Runoff:** To prevent and regularize the wash offs from the excavated areas during rains, retaining walls and garland drains along with settling tanks shall be constructed around the pit and at the base of the dumps. After proper sedimentation, clean & clear water shall be channelised to natural drainage.

## **4.0 SITE ANALYSIS**

### **4.1 CONNECTIVITY**

- Nearest Highway is NH 39 (earlier known as NH 75) about 6.65 Km NE and NH-30 (earlier known as NH 7) about 7.25 km in NW,
- Nearest Railway Station is Rewa Railway station (~16.5 km in North east direction).
- The nearest airport is Bharhut Airport Satna (~36 km in East direction), Prayagraj airport (~128 Km NNE direction) and Khajuraho airport (~135 km NW direction). There is also an Air-Strip at Chorhata, Rewa about 11.5 km, NNE.

### **4.2 LAND FORM, LAND USE AND LAND OWNERSHIP**

- **Land Form** – Land form of the project area and its surroundings is Denudational Origin-Pediment-PediPlain Complex except the area under Papara RF & Govindgarh RF (8 km, SE) where the Land form changes to Structural Origin-Moderately Dissected Hills and Valleys. Amarpatan Tehsil is bounded on the south by the Son River. The Kaimur ridge, with its scarp side to the south, rises suddenly like a wall about eight miles to the north of Son river, going towards the east, with slight northerly inclination, almost parallel to the Son river. North of Ram Nagar, an isolated small hill rises to 2,354'. Rest of Amarpatan tehsil is again an alluvial plain drained by the Behar river, which flows more or less parallel to the Mirzapur road, in a northeasterly direction.
- **Land Use** – Agricultural land is predominant in proposed block area.
  - A PWD road is passing at 30-50 m along the northern boundary of block -1 (outside ML area) connecting Badarkha village to NH-30. 50 m safety barrier will be left from road.

There are unmetaled village road/Cart track/Foot-path passing through the block 3 and block 1.

- Three electric lines are passing through the Lease area which are currently not proposed to be disturbed and 50 m statutory safety barrier has been considered. However, in future the same may be diverted after obtaining necessary permission from the Competent Authority.
- **Land Ownership** – Total mine lease area is 121.1 ha, which constitutes 0.7 ha Government land and 120.39 ha Private land. The block wise and village wise land use falling in the Lol area is given below in table 11:

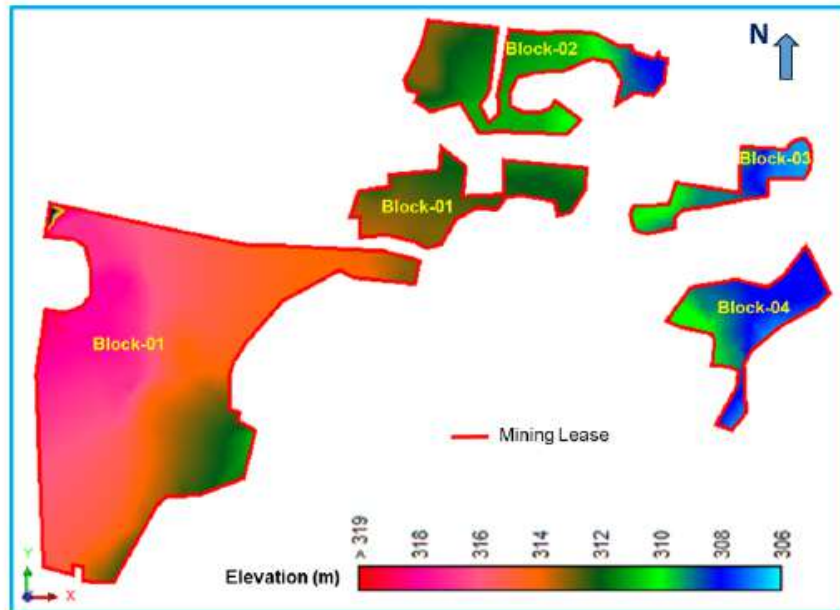
**Table –11: The block wise and village wise land use**

Blocks	Village	Private land		Government Land		Forest Land		Total
		Mineralized	Non-Mineralized	Mineralized	Non-Mineralized	Mineralized	Non-Mineralized	
Block-1	Badarkha & Bigodi	67.10	0.00	0.26	0.00	0.00	0.00	67.36
Block-1	Bigodi	0.00	19.82	0.00	0.00	0.00	0.00	19.82
Block-2	Sannehi Sigt	10.37	6.48	0.20	0.10	0.00	0.00	17.15
Block-3	Badarkha	4.52	1.30	0.00	0.14	0.00	0.00	5.96
Block-4	Bigodi	3.60	7.20	0.00	0.00	0.00	0.00	10.80
	<b>Total</b>	<b>85.59</b>	<b>34.80</b>	<b>0.46</b>	<b>0.24</b>	<b>0.00</b>	<b>0.00</b>	<b>121.10</b>

*Source: Approved Mining Plan along with Progressive Mine Closure Plan*

#### **4.3 TOPOGRAPHY & DRAINAGE**

Topographically the area comprises flat to undulating terrain and generally slopes towards eastern side. The maximum ground level is about 319 m above Mean Sea Level (AMSL) in North – West part of Block -01 and minimum about 306m AMSL in Eastern part in Block -04.



**Digital Terrain Model (DTM) showing elevation with Lease Area**

#### Drainage pattern

- Nallahs/Natural drains/river have already been excluded from the LOI area during auction.
  - One nallah is flowing in between Block-1 & 2 and drains into River Bihar.
  - Other Nallah is flowing in between Block-3 & 4 and drains into River Bihar.
  - River Bihar flows outside of Block 4 (about 50 meters). River Bihar also drains in SW-NE direction

The area has primarily structural controlled drainage system i.e. mostly joint controlled.

#### 4.4 EXISTING LAND USE PATTERN (AGRICULTURE, NON-AGRICULTURE, FOREST, WATER BODIES (INCLUDING AREA UNDER CRZ)), SHORTEST DISTANCES FROM THE PERIPHERY OF THE PROJECT TO PERIPHERY OF THE FORESTS, NATIONAL PARK, WILD LIFE SANCTUARY, ECO SENSITIVE AREAS, WATER BODIES (DISTANCE FROM THE HFL OF THE RIVER), CRZ. IN CASE OF NOTIFIED INDUSTRIAL AREA, A COPY OF THE GAZETTE NOTIFICATION SHOULD BE GIVEN

- Existing land use pattern of the proposed mining block is predominantly agricultural land. Total mining lease area is 121.1 ha. Out of which, 0.7 ha is Govt. land and 120.4 ha is Pvt. Land. No charagah / pasture/forest land/water bodies within mining lease area.
- There are no National Park, Wildlife Sanctuary/ Eco Sensitive Areas, CRZ within 10-km radius of the study area. However, there are forests and water bodies etc. within the study area and shortest distances from the periphery of the project to periphery of the Forests, Water Bodies are given underneath:

### **Water Bodies**

- Adjacent to ML area: Nallahs/Natural drains/river have already been excluded from the LOI area during auction. One nallah is flowing in between Block-1 & 2 and drains into River Bihar. Other Nallah is flowing in between Block-3 & 4 and drains into River Bihar. River Bihar flows outside of Block 4 (about 50 meters). River Bihar also drains in SW-NE direction.
- Prominent water bodies within study area are Bihar Nadi - ~ 0.05 km, E; Murjua Nadi - ~4.5 km, SE; Lilji Nadi - ~6.5 km, N; Jamuniha Nallah-0.8 km, S; Patarh Nallah-~1.5 km, SW; Saiphan Nallah - ~7.7 km, E; Bhamra Nallah -7.6 km, NE; Garvandha Nallah - ~9.9 km, ENE; Jura Nallah-10 km NW; Tyondhari Nallah 10 km NW; Govindgarh lake ~8.3 KM, SE and Purwa canal- ~3.16 km, NE; Tamara minor canal no 2- ~ 4 km, ENE and Jinnaha minor canal-~4.5 km, NE from proposed mine boundary. Water bodies outside the study area upto 15 km are Tyondhari Nallah-~ 10 km, NW ; Jura nala-~10 km, NW; Mahrawal Nallah -~12.8 km, SSE; Chanduwa Nallah -~13 km, NNE; Rajali Nallah-~13.2 km, S; Sannai Nallah-~14.2 km, ENE; Magardoha Nallah-~14.2 km, ENE and Dirma Nalla- ~14.9 km, N.

### **Forests**

- There are 3 Reserved forests (RFs) within study area which are Mand RF ~3.4 km, NE; Papra RF ~3.6 km, S & Govindgarh RF ~8.0 km, SE from mine boundary. Forest outside the study area upto 15 km are Gidhaila RF- ~12.6 km, S & Sirgo Pahar RF- ~13.5 km, W.
- There is a Mini Zoo at Mukundpur which is about 6.8 km in SE direction, developed in Mand reserved forest.

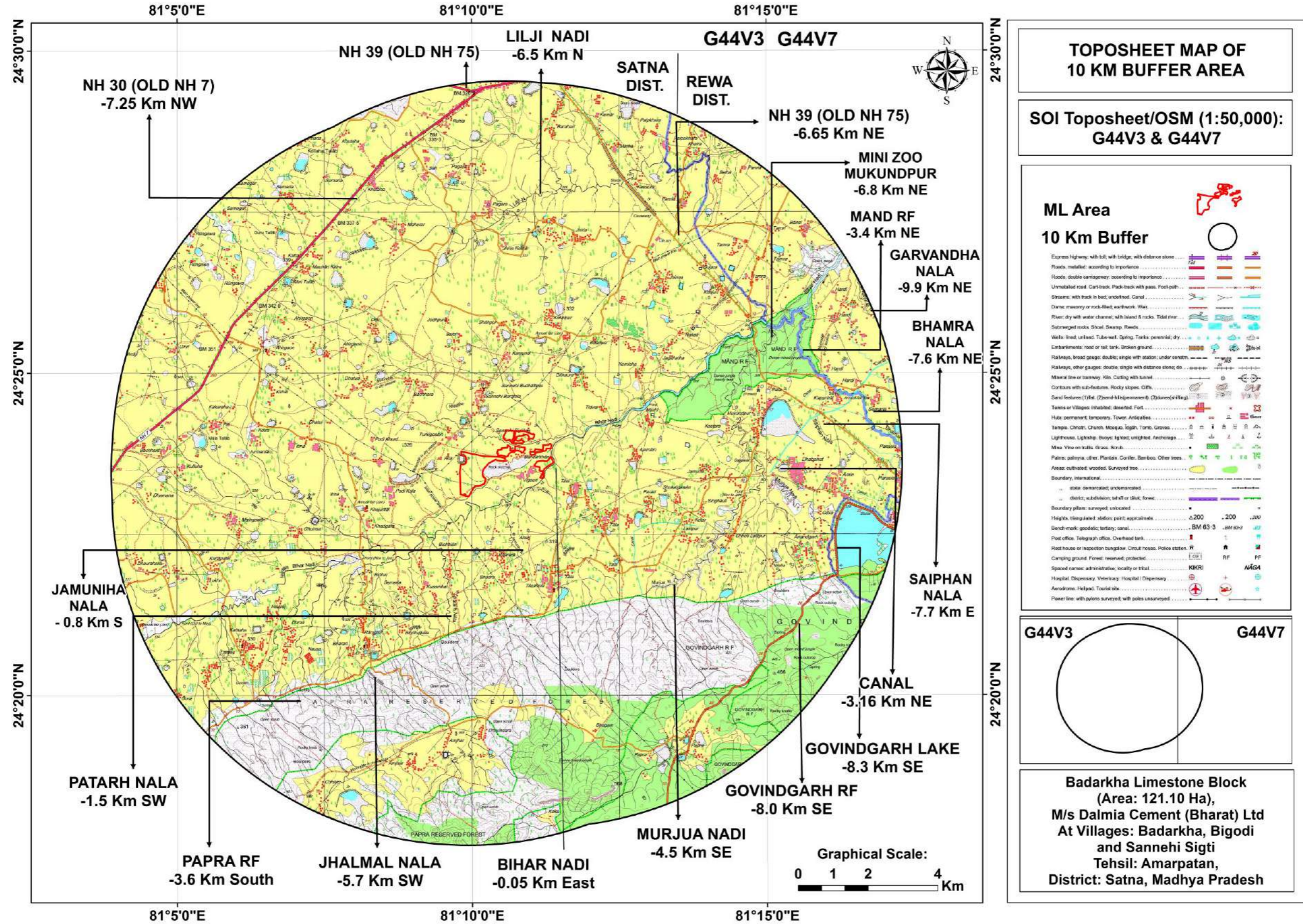


Figure 4: Map Showing 10 Km Radius Study Area

#### 4.5 EXISTING INFRASTRUCTURE

All basic infrastructure including hospitals, post office, schools are located in Rewa and Amarpatan which is located approx. 18 km & 20 km in NE and SW direction respectively from the ML Area. The area is well connected by metaled road and National highways.

<b>Schools</b>
<ol style="list-style-type: none"> <li>1. Govt. high school, Sannehi Bada Tolla- 1.25 km, NNW</li> <li>2. Govt. primary school, Sannehi Bada Tolla- 1.7 km, NNW</li> <li>3. Government school, Dithaura- 2 km, NE</li> <li>4. Anganwadi Kendra, Bachhara - 2 km, NW</li> <li>5. Govt High school, Kakalpur-3.4 km NE</li> <li>6. Government Higher Secondary School Tala- 3.7 km, SSE</li> <li>7. Royal International Public High School, Bachhara Sannehi- 2.75 km NNW</li> <li>8. Other various Govt. &amp; Pvt. Schools and Colleges in Rewa and Amarpatan</li> </ol>
<b>Medical Facilities</b>
<ol style="list-style-type: none"> <li>1. Govt. Prathmik Swathya Kendra Sannehi, Sannehi Bada Tolla-1.5 km, NNW</li> <li>2. Govt. Primary Hospital Sannehi, Sannehi Bada Tolla-1.6 km, NNW</li> <li>3. Primary Health Center, Ramgarh- 5.1 km, SSW</li> <li>4. City Govt. Hospital and Health Center, Mukunpur- 5.9 km, ENE</li> <li>5. Govt. Primary Hospital, Jhinna- 6.3 km NNE</li> <li>6. Community Health Center, Majhgawan- 6.4km, SE</li> <li>7. Govindgarh Hospital- 10.8 km SSE</li> <li>8. Community Health Center, Rampur- 12.9 km, NW</li> <li>9. Kshitij Hospital and Research Centre, Rewa- 19.7 km, NNE &amp; other hospitals in Rewa</li> </ol>

#### 4.6 SOIL CLASSIFICATION

The top soil is sandy in nature at the proposed site. The thickness of top soil varies from 0.00 m to 4.0 m with an average thickness of 1.0 m.

#### 4.7 CLIMATIC DATA FROM SECONDARY SOURCES

##### A. Climate

The climate of the area is characterized by extremes of temperature and dryness, except during the monsoon months. The cold season is from December to February. The hot season is from March to about middle of June. The period from mid-June to September constitutes the south western monsoon season. October and November form the post monsoon season.

Temperature begin to drop in November – December and January is the coldest month with the mean daily minimum at about 9°C. From the March month temperature rise rapidly till

May, which is the hottest month. Temperature in May and June sometimes rises to about 47 °C.

## **B. Rainfall**

The normal annual rainfall of the district is 1092.1 mm. The rain fall generally decreases from the South West to North West. The period from June to September is the main rainy season, July being the rainiest month. The rain falls during the south west monsoon season constitute about 88% of the annual rainfall. In January and February some rain fall occurs in association with passing western disturbances. The annual Rainfall data of Satna District for last 20 years as per National Water Information Center (India water resource information system) mentioned below:

**Table –12: Rainfall statistics of Satna District**

<b>S. No.</b>	<b>YEAR</b>	<b>ACTUAL (mm)</b>
1	2001	1205.4
2	2002	996.3
3	2003	1489.5
4	2004	929.3
5	2005	1320.6
6	2006	685.5
7	2007	579.1
8	2008	795.7
9	2009	795.0
10	2010	702.4
11	2011	1057.3
12	2012	1104.7
13	2013	1466.2
14	2014	852.4
15	2015	949.5
16	2016	1349.2
17	2017	919.0
18	2018	854.8
19	2019	971.8
20	2020	949.8
	<b>Average</b>	<b>998.7</b>

## **C. Winds**

The wind velocity is higher during the pre-monsoon period as compared to post-monsoon period. The maximum wind velocity 9.2 km/hr observed during the month of June and minimum 2.8 km/hr during the month of November. The average normal annual wind velocity of Satna district is 5.4 km/hr.

#### 4.8 SOCIAL INFRASTRUCTURE AVAILABLE

The well-established social infrastructure like hospitals, temple, community centre, roads, bridges, telecommunication and others similar are available/ existing within 15 km radius which is tabulated in point no 4.5 of PFR

#### 5.0 PLANNING BRIEF

##### 5.1 PLANNING CONCEPT (TYPE OF INDUSTRIES, FACILITIES, AND TRANSPORTATION ETC.)

###### TOWN AND COUNTRY PLANNING/DEVELOPMENT AUTHORITY CLASSIFICATION

The proposed limestone block was e-auctioned by Govt. of MP for mining of cement grade limestone. The proposed project is an opencast mine. About 0.46 Million TPA limestone will be excavated from the proposed mine. Excavated limestone shall be transported to the proposed cement plant of the company as well as to the other consumers as end use of the excavated limestone is not defined/restricted by Govt. of MP during auction.

##### 5.2 POPULATION PROJECTION

About 35 personnel of various skills will be deployed directly for the proposed mining. Preference will be given to suitable local people, therefore only temporary influx of people will be there as managerial and supervisory staff will generally be outsider and shall be accommodated in the nearby town. Hence this will not significantly contribute to the projected local population in the study area. In addition to direct employment, many indirect employment opportunities are envisaged in the form of contractual jobs/works in business opportunities, site service facilities, canteen, horticulture, house-keeping, building maintenance, rental vehicles and grocery shops & utility stores etc. This will upgrade the economic status of the region and people living therein.

**Table – 13: Decadal Change in Population of Amarpatan Tehsil and Satna District By Residence, 2001-2011**

Sn	Tehsil	Population						Percentage decadal variation 2001-2011			Percentage urban population	
		2001			2011			Total	Rural	Urban	2001	2011
		Total	Rural	Urban	Total	Rural	Urban					
1	AMARPATAN	188,005	171,634	16,371	224,762	205,353	19,409	19.6	19.6	18.6	8.7	8.6
2	SATNA District	1,870,104	1,484,551	385,553	2,228,935	1,754,517	474,418	19.2	18.2	23.0	20.6	21.3

As per Census 2011, Overall 19.2 percent decadal growth during 2001-11 has been recorded

in the district. In rural areas, it works out to 18.2 percent, whereas it is 23 percent in urban areas of the district.

Projections are based on the assumption that demographic behavior of the society or trends in population growth would remain more or less the same in the coming decade as in the past. It is for this reason that projections have an inherent degree of error as in the case of other forecasts.

The estimated increase in the growth rate of the population in Amarpatan Tehsil by Incremental Increase Method in succeeding decades are as follows:-

**Table – 14: Projected Population of the Amarpatan Tehsil & Satna District**

Particulars	Census		Projected		
	2001	2011	2021	2031	2041
Amarpatan Tehsil	1,88,005	2,249,762	2,73,771	3,59,538	4,82,061
Satna District	18,70,104	22,28,935	27,07,376	35,44,649	47,40,752

### 5.3 LAND USE PLANNING (BREAKUP ALONG WITH GREEN BELT ETC.)

- As per approved mining plan, total excavated area is 4.97 ha during plan period considering G1 and G2 exploration only as per IBM Guidelines for preparation of Mining Plan.
- Detailed exploration is proposed to be carried out during the present plan period itself in the unexplored area.
- After exhaustion of minerals, the mined out area will be reclaimed and rehabilitated properly to minimize the impact on environment. About 42.392 ha area will be excavated in conceptual period out of which 19.451 ha mined out area will be reclaimed by backfilling & plantation and remaining 22.941 ha shall be reclaimed as water reservoir by proper fencing for community use. Plantation will also be done on the upper most two benches (2.88 ha area) of left out pit.
- Greenbelt in 7.5 m safety zone along ML boundary of Block -1 and plantation in 50 m safety barrier along electric line in Block -1 will also be developed in 1<sup>st</sup> Plan period.
- At conceptual stage, greenbelt /Plantation will be developed over an area of about 34.491 Ha including safety zone/barriers (12.16 ha), over upper most two benches of excavated pit (2.88 ha) and on backfilled area (19.451 ha).

- Remaining 65.898ha area will be used for mining depending upon the presence of mineral upon completion of proposed exploration.

Proposed Post mining land use plan prepared on the basis of current exploration and conceptual plan are given below:

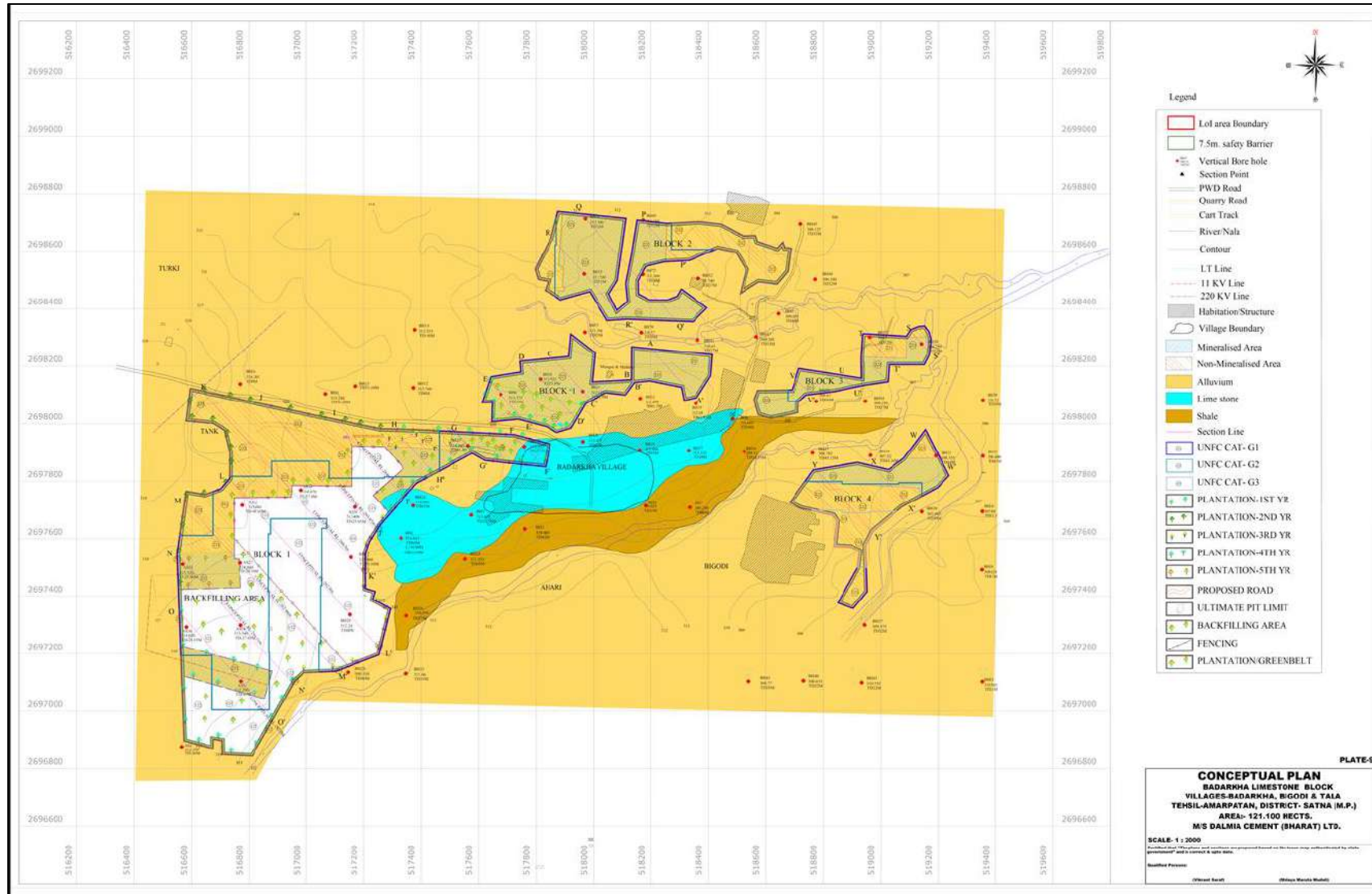
**Table –15: Post Mining Land Use**

Sr. No.	Use of Land	Area in Ha	Remarks/ Reclamation plan
1	Excavated pit of Mining	42.392	19.451 ha will be reclaimed by backfilling and plantation will be done over it. Remaining 22.941 ha will be reclaimed as water reservoir by proper fencing of pits. Out of 22.941 ha, plantation will be done on upper most 2 benches covering an area about 2.88 ha.
2	Roads	0.55	Will remain as it is and avenue plantation will be taken up
3	Infrastructure including mineral separation plant, workshop etc.	0.1	To be utilized for green belt development
4	Safety Zone, Greenbelt etc.	12.16	Plantation to be taken up
5	Undisturbed Land	65.898	
	<b>Total</b>	<b>121.10</b>	

*Source: Approved Mining Plan along with Progressive Mine Closure Plan*

**Badarkha Limestone Block (Area: 121.10 ha) with Proposed Limestone Production 0.46 MTPA, Soil 0.1 MTPA, Waste 0.36 MTPA and Mineral reject 0.1 MTPA (Total excavation 1.02 MTPA) along with 200 TPH Crusher at Villages: Badarkha, Bigodi and Sannehi Sigt, Taluka: Amarpatan, District: Satna, Madhya Pradesh**

**Pre-Feasibility Report**



**Figure 5: Conceptual Land Use Plan of Proposed Mine**

#### **5.4 ASSESSMENT OF INFRASTRUCTURE DEMAND (PHYSICAL & SOCIAL)**

With the setup of the proposed project, there will be requirement of various social & physical infrastructure for the employees. Existing social and physical infrastructure are sufficient to cater to the requirement as envisaged for the proposed project. The mine site is well connected to the nearest highways.

Company will extend its support in strengthening physical & social infrastructure of the area. The mine shall be contributing around Rs 6.01 Cr every year to the State and Central Govt. exchequer by way of mining revenue (Royalty, welfare cess etc.) after the lease is executed and the mine is operated with the proposed capacity. Job opportunities are limited and newer avenues of skill development for income generation will be undertaken.

On the basis of the preliminary site visit, the infrastructure demand in the nearby villages will be assessed on the basis of need and priority.

#### **5.5 AMENITIES/FACILITIES**

Following facilities are proposed for the smooth working of the mine:-

- Mine office;
- First aid room;
- Store facility;
- Toilet facility;
- Drinking water facilities;
- Rest shelters.

#### **6.0 PROPOSED INFRASTRUCTURE**

##### **6.1 INDUSTRIAL AREA (PROCESSING AREA)**

A 200 TPH Crusher Plant is proposed to setup in North-eastern corner of the Block-1 of Lol area. The limestone will be stacked near the crusher and fed to crusher with suitable blending as per requirement in the cement plant.

##### **6.2 RESIDENTIAL AREA (NON PROCESSING AREA)**

No residential area is proposed at mine site. Preference will be given to suitable local people for employment. However, only few people coming from distant places shall be either accommodated in surrounding town or in colony of DCBL's greenfield cement plant at

Rampur Baghelan, Satna. Commuting facilities will be provided to employees.

### **6.3 GREEN BELT /PLANTATION**

During plan period 6.24 ha green belt/ plantation will be developed in 7.5 m safety zone along ML boundary of Block -1 including safety barrier. Whereas at conceptual stage total 12.16 ha land will be used for plantation.

At conceptual stage, greenbelt /Plantation will be developed over an area of about 34.491 Ha including safety zone/barriers (12.16 ha), over upper most two benches of excavated pit (2.88 ha) and on backfilled area (19.451 ha). Native tree species bearing larger canopy cover and leaf area will be planted as per CPCB guideline and in consultation with the local forest department. 90% survival rate will be maintained. Fruit trees will be planted preferably.

### **6.4 SOCIAL INFRASTRUCTURE**

With the proposed development in and around the area, there will be supporting facilities/ infrastructure eventually leading to the development of the area. Company will extend its support in strengthening physical & social infrastructure of the area. Direct & indirect employment potential will be created due to mining and allied activities in the area. Apart from these, the company will promote health and education awareness in the area time to time by organizing health and education camps. The company will also take up various activities for upliftment of the economic status of this area and social infrastructure in consultation with local communities and regulatory bodies. The mine shall be contributing around INR 6.01 Cr every year to the State & Central Government exchequer by way of mining revenue (Royalty, welfare cess etc.) after the lease is executed and the mine is operated at its targeted capacity of 0.46 million tonnes per annum.

### **6.5 CONNECTIVITY (TRAFFIC AND TRANSPORTATION ROAD/ RAIL/ METRO/ WATER WAYS ETC.)**

Nearest Highway is NH 39 (earlier known as NH 75) about 6.65 Km NE and NH-30 (earlier known as NH 7) about 7.25 km in NW. Nearest Railway Station is Rewa Railway station (~16.5 km in North East direction). The nearest airport is Bharhut Airport Satna (~36 km, East), Prayagraj AirPort (~128 km, NNE) and Khajuraho Airport (~135 km, NW). There is also an Air-Strip at Chorhata, Rewa about 11.5 km, NNE.

### **6.6 DRINKING WATER MANAGEMENT (SOURCE AND SUPPLY OF WATER)**

About 44 KLD of water will be required for domestic, workshop, green belt & dust

suppression of the mines. The water will be sourced from the ground water after taking permission from CGWA. It will be further augmented with rain water harvesting and mine sump water as & when developed.

**Table –16: Water requirement for mining**

Activities	Requirement per day( KLPD)
Domestic	10
Dust suppression	20
Plantation	10
Workshop	4
Total requirement	44

## **6.7 SEWERAGE SYSTEM**

It is estimated that about 8 KLD of domestic waste water generated from mine office will be treated in STP having and the treated water will be used in plantation.

## **6.8 INDUSTRIAL WASTE MANAGEMENT**

There will be no industrial waste water generation due to proposed project except waste water from workshop. It is estimated that about 3.2 KLD of waste water generated from workshop will be used for greenbelt and dust suppression after treated by Oil & Grease trap.

## **6.9 SOLID WASTE MANAGEMENT**

The same has been given in point no.3.9

## **6.10 POWER REQUIREMENT & SUPPLY/SOURCE**

About 0.5 MW power will be required for illumination and other activities which will be met from Madhya Pradesh Poorv Kshetra Vidyut Vitaran Company Ltd. and there will also be provision of D.G. Set (500KVA) for power back-up and emergency.

## **7.0 REHABILITATION AND RESETTLEMENT (R & R) PLAN**

### **7.1 POLICY TO BE ADOPTED (CENTRAL/STATE) IN RESPECT OF THE PROJECT AFFECTED PERSONS INCLUDING HOME OUSTEES, LAND OUSTEES AND LANDLESS LABORER (BRIEF OUTLINE TO BE GIVEN)**

- As the lease area does not cover any habitation, hence there will be no need of resettlement because of proposed mining operation.

DCBL has following options for acquisition of land for its proposed mining project:

- Option 1: Acquire land falling in the mining lease area through provisions of LARR Act, 2013.

- Option 2: Land acquisition through mutual agreement with the land holders falling in the mining lease area at negotiated rates and terms and conditions.

DCBL will purchase land under option 2. Land will be purchased in mutual agreement with the land holders at mutually agreeable rates and terms & conditions.

R & R plan is driven by DCBL's core values of Integrity, Humility, Trust & Respect and Commitment and its comprehensive CSR policy which is planned in addition to Project Affected Families (PAFs) and communities in & around the operation. Grievance Redressal committee will also be formed by DCBL as per LARR Act 2013.

## **8.0 PROJECT SCHEDULE AND COST ESTIMATE**

### **8.1 LIKELY DATE OF START OF CONSTRUCTION AND LIKELY DATE OF COMPLETION (TIME SCHEDULE FOR THE PROJECT TO BE GIVEN)**

The project will be executed after obtaining all statutory clearances and consents from the respective authorities.

The status of other statutory clearances to be obtained before and after execution of the lease deed till commencement of mining operation is tabulated below: -

**Table –17: Status of other statutory clearances to be obtained**

<b>Sl. No.</b>	<b>Particulars</b>	<b>Details/Status</b>	<b>*Tentative Timelines</b>
1	Forest clearance	Not Applicable	NA
2	Wild life clearance (sanctuary, reserve or special zone clearances)	Not Applicable	NA
3	Mining Plan Approval	Approved	05/03/2021
4	Environmental clearance	Under process	March, 2022
5	Consent to establish	After issuance of Environmental Clearance	May, 2022
6	Explosive license	After execution of mining lease	January, 2023
7	Permission for mine opening	After execution of mining lease	April, 2023
8	Permission of installation/ trial operation of equipment	After execution of mining lease	January, 2023
9	Ground water clearance (Centre/State)	After approval of Mining Plan and submission of Hydrogeological Study	April, 2022
10	Railway siding approval	Not applicable	NA

## 8.2 ESTIMATED PROJECT COST ALONG WITH ANALYSIS IN TERMS OF ECONOMIC VIABILITY OF THE PROJECT

Total cost of the Project is **Rs. 36.53 crores** and details are given in below table:

**Table –18: Summary of Capital Cost**

Equipment	Specification	Capacity	Numbers	Rate (In Lacs)
Land cost	60 ha considered			1779
Mine execution Cost etc.	LS			150
Plant & Machinery	Excavator	3 Cum	3	270
	Rock Breaker	50 T	1	125
	Dumpers	10 T	10	320
	Drill & Compressor	100 mm	2	200
	Water sprinkler	16 KL	1	40
	Weigh Bridge		1	50
Crusher (Hammer Crusher)	Crusher			75
	Motor			15
	Bag Filter			35
	Civil Work			27
Infrastructure & supporting Equipments				100
Exploration and statutory clearances				100
Mine closure cost				200
Contingency & WC Margin 5%				166.71
<b>Total</b>				3652.71 or 36.53

Proposed mine is not a captive mine. The cost of limestone is projected at Rs. 274 per tonne while the sale price of the limestone is projected at Rs. 550 per tonne. The NPV @12% is calculated to be Rs. 1518 lakhs and the IRR of the mining project has been calculated to be 11.54%. The equity IRR has been calculated to be 17.42%.

## 9.0 ANALYSIS OF PROPOSAL (FINAL RECOMMENDATION)

### 9.1 FINANCIAL AND SOCIAL BENEFITS WITH SPECIAL EMPHASIS ON THE BENEFITS TO THE LOCAL PEOPLE INCLUDING TRIBAL POPULATION, IF ANY, IN THE AREA

- The mine shall be contributing around Rs. 6.01 Cr/year to the State & Central Govt. exchequer by way of mining revenue (Royalty, welfare cess etc.) after ML is executed & mine is operated at its targeted capacity of 0.46 million tonnes per annum.
- With the proposed development in and around the area, there will be supporting facilities/infrastructure eventually leading to the development of the area.
- The core benefit of the proposed project is the availability of limestone for cement

manufacturing. Economic development of the region depends largely upon the nature of activities undertaken in the surrounding region.

- The beneficial aspects of the project on the socio-economic environment of the area are in the areas of employment, service, trade, commerce, public utility, literacy, social awareness, health care facilities, recreation etc.
- The locals of the area will be benefited for the employment directly and indirectly. Total direct employment envisaged from the proposed mine is about 35 persons. Further, there would be a lot of indirect employment opportunities arising due to the proposed cement project. This will upgrade the economic status of the region and people living therein.
- Based on the Public hearing issues and Assessment & Participatory Rural Appraisal Programs various community development activities in the form of medical facilities, education to underprivileged children and creation of self-help groups will be taken up for the betterment of the locals.
- Medical facilities will be provided for employee as well as people of nearby villages as well as medical camps will be organized in surrounding area for locals.
- The project will help in the overall growth of the region. No significant adverse effect on environment is envisaged as the required/recommended mitigation measures will be undertaken and will be monitored regularly.



# **ANNEXURES**

**ANNEXURE-I**  
**LETTER OF INTENT (LOI)**

**Government of Madhya Pradesh  
Mineral Resources Department  
Mantralaya**

**::Letter of Intent::**

No. F- 3-10/2020/12/1

Bhopal, Dated- 17/09/2020

To,

**Dalmia Cement (Bharat) Limited,  
11<sup>th</sup> and 12<sup>th</sup> Floor, Hansalaya Building,  
15, Barakhamba Road, New Delhi-110001**

**Sub:**

**Letter of Intent with reference to e-auction dated 24.06.2020 for grant of a Mining Lease for Badarkha Limestone Block for Limestone in Badarkha Village, Amarpatan Tahsil, Satna District on 121.10 Hectare Area.**

**1. Background:**

- 1.1. The Directorate of Geology and Mining (DGM), Government of Madhya Pradesh, pursuant to the Mines and Minerals (Development and Regulation) Act, 1957 (the "Act") and the Mineral (Auction) Rules, 2015 as amended from time to time (the "Auction Rules"), issued the notice inviting tender dated January 14, 2020 to commence the auction process for grant of Mining Lease for Badarkha Limestone Block located in Satna District of Madhya Pradesh. The e-auction process was conducted in accordance with the tender document for the said mineral block and Dalmia Cement (Bharat) Limited was declared as the 'Preferred Bidder' under Rule 9(9)(iii) of the Auction Rules.
- 1.2. As required under Rule 10(1) of the Auction Rules and the tender document for the said mineral block, Dalmia Cement (Bharat) Limited has made payment of the first installment, being 10% (ten percent) of the upfront payment of Rs. 32,21,775 (Rupees Thirty Two Lakh Twenty one Thousand Seven Hundred Seventy Five only) through online dated June 30, 2020 vide (CRN) : MPT085330062020000037.

**2. Grant of Letter of Intent**

- 2.1. Accordingly, pursuant to Rule 10(2) of the Auction Rules, the Government of Madhya Pradesh is issuing this Letter of Intent for grant of Mining Lease for Badarkha Limestone Block for Limestone in Badarkha Village, Amarpatan, Tahsil, Satna District on 121.10 Hectare Area of Survey of India Toposheet No. 63-H/3 to Dalmia Cement (Bharat) Limited for a period of 50 years.



1

Qualified Persons:-

Vikrant Saraf

Malaya Maruta Muduli

### 3. Conditions

- 3.1. This Letter of Intent and the subsequent grant of aforementioned Mining Lease shall be subject to the provisions of the Act and the Rules made thereunder, as amended from time to time, and the Dalmia Cement (Bharat) Limited shall be designated as the 'successful bidder' and subsequently granted the Mining Lease only upon satisfactory completion of all the requirements under the Act and the Rules made there under.
- 3.2. This Letter of Intent shall be valid only if Dalmia Cement (Bharat) Limited ensures that the Bid Security is valid until the Performance Security is furnished to the Government of Madhya Pradesh, failing which this Letter of Intent shall become invalid from the date of expiry of the Bid Security.
- 3.3. For reference, the requirements under the Auction Rules for designation of Dalmia Cement (Bharat) Limited as the 'successful bidder' and subsequent grant of the Mining Lease are reiterated below. It is clarified that the requirements mentioned below are only for reference and in the event of any change in the Act or the Rules made thereunder, the requirements under the modified Act or the Rules made thereunder, as the case may be, shall be applicable.

(a) Designation as the "Successful Bidder":

Dalmia Cement (Bharat) Limited shall be considered to be the 'successful bidder' upon:

- (i) continuing to be in compliance with all the terms and conditions of eligibility;
- (ii) payment of the second installment being 10% (ten percent) of the upfront payment;
- (iii) furnishing performance security;
- (iv) satisfying the conditions specified in clause (b) of sub-section (2) of section 5 of the Act with respect to a mining plan; and

(b) Signing of the Mine Development and Production Agreement

Dalmia Cement (Bharat) Limited shall sign the Mine Development and Production Agreement with the Government of Madhya Pradesh upon obtaining all consents, approvals, permits, no-objections and the like as may be required under applicable laws for commencement of mining operations.

(c) Grant of Mining Lease

Subsequent to signing of the Mine Development and Production Agreement, Dalmia Cement (Bharat) Limited shall make payment of the third installment being 80% (eighty percent) of the upfront payment and thereafter the Government of Madhya Pradesh shall grant the aforementioned Mining Lease.



Qualified Persons:-

Vikrant Saraf

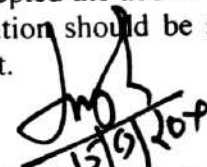
Malaya Maruta Muduli

#### 4. Validity

- 4.1. This letter of intent is valid for a period of 3 (three) years from the date of its issuance, within which time all the above conditions must be fulfilled and the Mining Lease deed must be executed between the Dalmia Cement (Bharat) Limited and the Government of Madhya Pradesh. In case there is a delay in execution of Mining Lease deed due to reasons beyond the control of the Preferred Bidder, then it may submit an application to Government of Madhya Pradesh, requesting for further extension

If the Government of Madhya Pradesh is satisfied that there is a delay in execution of Mining Lease deed due to reasons beyond the control of the Preferred Bidder, longer period is required to enable the Preferred Bidder to satisfy all or any of the above conditions, it may extend the validity of this letter of intent for such period or periods as the Government of Madhya Pradesh may specify. Provided that: (a) this letter of intent shall be extended for a maximum period of 2 years; and (b) the total period for which this letter of intent would remain valid must not exceed 5 (five) years from the date of issuance.

Kindly return the duplicate copy of this Letter of Intent duly signed by authorized signatory of the Company and furnish a suitable Board Resolution in token of having accepted the above terms and conditions. The accepted copy of Letter of Intent along with Board resolution should be submitted latest within fourteen (14) days from the date of receipt of this Letter of Intent.

  
(Prakash Pandre)  
Under Secretary

Government of Madhya Pradesh  
Mineral Resources Department

Bhopal, Dated- 17/09/2020


Endt. No. F-3-10/2020/12/1

#### Copy to:

1. Secretary, Government of India, Ministry of Mines, Shastri Bhavan, New Delhi.
2. Controller General of Mines, Indian Bureau of Mines Indira Bhavan Seminari Hills, Nagpur.
3. Director, Geology and Mining, Madhya Pradesh, Bhopal.
4. District Collector, District Satna, Madhya Pradesh.
5. District Forest Officer, District Satna, Madhya Pradesh.
6. Regional Controller of Mines, Indian Bureau of Mines, 11, Kamla Nehru Nagar, Jabalpur, Madhya Pradesh.
7. Regional Head, Geology and Mining, Regional Office Rewa, Madhya Pradesh.
8. Officer In charge (Mining Section) Collector Office, District Satna, Madhya Pradesh

For information and necessary action Please.

9. Guard File.

  
Under Secretary  
Government of Madhya Pradesh  
Mineral Resources Department

**ANNEXURE-II**  
**KHASRA DETAILS**

**Annexure-D**

**STATEMENT SHOWING LAND OWNERSHIP DETAILS IN MINE BLOCK**

**A] Village : Badarkha & Bigaudi, Tahsil: Amarpatan, Dist. Satna : BLOCK-1**

**a) Mineralized Area Land Owner List :**

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
1.	90/1	रामदेव पिता छकौडी	Private Land	1.775
2.	90/2	रामदेव पिता छकौडी प्रसाद	Private Land	
3.	91/1/1	तेजभान पिता रामराज	Private Land	1.080
4.	91/1/2	राजभान पि.रामराज	Private Land	
5.	91/2	लालजी पि.देवराज	Private Land	
6.	92	धर्मदास पिता वल्देव	Private Land	0.120
7.	93	धर्मदास पिता वल्देव	Private Land	0.040
8.	96/1	रामहित्त पिता केठानी	Private Land	0.093
9.	96/2	देमान पिता धनुकधारी	Private Land	0.081
10.	180/1	पैसुनिया पत्नी रामकिशोरसा. देह जाति कुर्मी	Private Land	0.680
11.	180/2	मु.दसिया पत्नी रामगोपाल	Private Land	
12.	182/1	मु.दसिया पत्नी रामगोपाल	Private Land	0.085
13.	182/2	मु.दसिया पत्नी रामगोपाल	Private Land	
14.	183/1	रामशिरोमणि पि.सहादेव	Private Land	0.125
15.	183/2	विश्वनाथ पिता देमान	Private Land	0.186
16.	183/3	सुदर्शन प्रसाद पि. जुगुल प्रसाद	Private Land	0.065
17.	184	जागेश्वरनाथ	Private Land	0.283
18.	185/1	रामदेव पिता छकौडी	Private Land	0.497
19.	185/2	रामदेव पिता छकौडी प्रसाद	Private Land	0.498
20.	186/1	रामदेव पिता छकौडी	Private Land	0.081
21.	186/2	रामदेव	Private Land	0.081
22.	187	लक्ष्मिन शुभकरण पि.गुरुदयाल शिवकुमार पि. पैसुनी जलेविया देवा रामसनेही राकेश कुमार अनिल कुमार पि. रामसनेही	Private Land	0.965

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
23.	5	मु.हकीमुन्निशा बेवा सुफियान खाँ इस्लाम खाँ पिता सुफियान खाँ	Private Land	0.005
24.	6/1	छोटे खाँ पिता जहूर खांसा	Private Land	0.268
25.	6/2/K	तौहिद खाँ पि.बाहिद खाँ	Private Land	
26.	6/2/KH	पंजुम खाँ पि.मुनीर खाँ	Private Land	
27.	6/3	जुम्मन खाँ जाहिर खाँ पितासोहबत खाँ	Private Land	
28.	7/1	छोटे खाँ पिता जहूर	Private Land	0.136
29.	7/2/K	तौहिद खाँ पि.बाहिद खाँ	Private Land	
30.	7/2/KH	पंजुम खाँ पि.मुनीर खाँ	Private Land	
31.	7/3	जुम्मन खाँ जाहिर खाँ पितासोहबत खाँ	Private Land	
32.	7/4/K	सिद्दीक खाँ पि.नूरमोहम्मद खाँ	Private Land	
33.	7/4/KH	रहमान खाँ पि.सरवर खाँ	Private Land	0.026
34.	8/1	रहमान खाँ पि.सरवर खाँ	Private Land	
35.	8/2	रहमान खाँ पि.सरवर खाँ	Private Land	
36.	9	मकसूद खाँ पि मकवूल खाँ	Private Land	0.021
37.	10	मकसूद खाँ पि मकवूल खाँ	Private Land	0.085
38.	11/1	मकसूद खाँ पि मकवूल खाँ	Private Land	0.083
39.	11/2	मो.अरसद अब्बासी पिता मुस्लिम (सोन्)	Private Land	
40.	12/1	रूपनारायण पिता शुभकरण प्रसाद	Private Land	0.470
41.	12/2	मो.अरसद अब्बासी पिता मुस्लिम (सोन्)	Private Land	
42.	13/1	मो.अरसद अब्बासी पिता मुस्लिम (सोन्)	Private Land	0.061
43.	13/2	रूपनारायण पिता शुभकरण प्रसाद	Private Land	
44.	14/1/K	रमजान खान पिता जुम्मात खान	Private Land	0.671
45.	14/1/KH	सुलेमान खाँ पि.जब्बार खाँ	Private Land	
46.	14/2/K	बतुलुन्निसा पुत्री सोहराव खाँ	Private Land	
47.	14/2/KH	नाजमा बीवी पुत्री सोहराव खाँ	Private Land	
48.	15	बहाव खाँ पि. अजील	Private Land	0.098
49.	16	बहाव खाँ पि. अजील	Private Land	0.027

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
50.	17	बहाव खाँ पि. अजील	Private Land	0.031
51.	38		Private Land	0.041
52.	39	मु.गुलसन वीवी वेवा मुनीर खाँ तमजीत खाँ पन्जुम खाँ पि. मुनीर खाँ	Private Land	0.030
53.	40		Private Land	0.171
54.	41	अजमतुन्निसा मुखताशन समसुन्निसा पुत्री मुनताज खा	Private Land	0.073
55.	42	सूफी वेवा सुवेदार खां सिरताज खां सहीजाद खां यखलाक खां नेवजिया पि.सुबेदार खां	Private Land	0.251
56.	43	मो. इसराक खाँ पि. लालखां	Private Land	0.408
57.	271	मो. इसराक खाँ पि. लालखां	Private Land	0.175
58.	44	मो. गौस खां वल्द मुनौअरखां	Private Land	0.137
59.	45	मो. गौस खां वल्द मुनौअरखां	Private Land	0.664
60.	46	तौहिद खाँ पि.बाहिद खाँ	Private Land	0.118
61.	47	सहवान खाँ पि. सरवर खाँ	Private Land	0.055
62.	48	रामलखन पि. विशेषर	Private Land	0.051
63.	49/1	सुखरान खाँ पि.हकीम खाँ	Private Land	0.129
64.	49/2	रसूलखां पि. अहमंदखा	Private Land	
65.	49/3	जुम्मन खां जाहिर खां पितासोहबत खां	Private Land	
66.	50/1	फते मो. पि. यारमो.	Private Land	0.690
67.	50/2	सूफी वेवा सुवेदार खां सिरताज खां सहीजाद खां यखलाक खां नेवजिया	Private Land	
68.	50/3	कलीम खाँ पि.काले खाँ	Private Land	
69.	54/1	मंजूरखां पि. जहूर खाँ	Private Land	0.029
70.	54/2	इकवाल खाँ पि. मकबूल खाँ	Private Land	
71.	55/1	फते मो. पि. यारमो.	Private Land	0.101
72.	55/2	सूफी वेवा सुवेदार खां सिरताज खां सहीजाद खां यखलाक खां नेवजिया	Private Land	

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
73.	55/3	सूफी वेवा सुवेदार खां सिरताज खां सहीजाद खां यखलाक खां नेवजिया	Private Land	
74.	56	रहमान खाँ पि.सरवर खाँ	Private Land	0.049
75.	57	Govt. Land	Govt. Land	0.036
76.	58	रहमान खाँ पि.सरवर खाँ	Private Land	0.138
77.	59	कमाल खाँ पि. अजीज खाँ	Private Land	0.181
78.	60	तमजीद खाँ पि. मुनीर खाँ	Private Land	0.122
79.	61	सईदुन्निसा पुत्री सोहराव खाँ	Private Land	0.166
80.	62/1	मु.गुलसन वीवी वेवा मुनीर खाँ	Private Land	0.084
81.	62/2	तौहिद खाँ पि.बाहिद खाँ	Private Land	
82.	64/1	मंजूरखां पि. जहूर खाँ	Private Land	0.210
83.	64/2	मकसूद खाँ पि मकवूल खाँ	Private Land	
84.	64/3	पंजुम खाँ पि.मुनीर खाँ	Private Land	
85.	65/1	लाल खां पिता झल्ले खां	Private Land	0.086
86.	65/2	मो. गौस खां वल्द मुनौअरखां	Private Land	
87.	65/3	मु.हकीमुन्निसा बेवा सुफियान खाँ इस्ताम खाँ	Private Land	
88.	65/4	तौहिद खाँ पि.बाहिद खाँ	Private Land	
89.	67	कमाल खाँ पि. अजीज खाँ	Private Land	0.073
90.	68	कमाल खाँ पि. अजीज खाँ	Private Land	0.027
91.	69	कमाल खाँ पि. अजीज खाँ	Private Land	0.054
92.	70	कमाल खाँ पि. अजीज खाँ	Private Land	0.053
93.	71	प्रेमबाई पुत्री जागेश्वर	Private Land	0.149
94.	73/1	सईदुन्निसा पुत्री सोहराब खाँ	Private Land	0.350
95.	73/2	सईदुन्निसा पुत्री सोहराब खाँ	Private Land	
96.	73/3	मुमताज बेगम पुत्री सोहराब खाँ	Private Land	
97.	73/4	राजिया बेगम पुत्री सोहराब खाँ	Private Land	
98.	74/1	दिनेश कुमार पि.ठाकुरराम	Private Land	0.070
99.	74/2	राजमणि	Private Land	
100.	75/1	दिनेश कुमार पि.ठाकुरराम	Private Land	0.046

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
101.	75/2	राजमणि पि.ठाकुरराम	Private Land	
102.	76/1	दिनेश कुमार पि.ठाकुरराम	Private Land	0.171
103.	76/2	राजमणि पि.ठाकुरराम	Private Land	
104.	77	सन्तप्रसाद पिता विशेषरप्रसाद	Private Land	0.007
105.	79/1/1	राजकिशोर पि. वृन्दावन	Private Land	
106.	79/1/2	कमलेश पि. वृन्दावन	Private Land	0.056
107.	79/1/3	ऋषिकेश पि. वृन्दावन	Private Land	
108.	80/1/k	कमलेश पि. वृन्दावन	Private Land	
109.	80/1/kh	गौरीशंकर पिता जमुनाप्रसाद	Private Land	0.034
110.	80/2	सन्तप्रसाद पिता विशेषरप्रसाद	Private Land	
111.	81/1	गौरीशंकर पिता जमुनाप्रसाद	Private Land	0.088
112.	81/2	सन्तप्रसाद पिता विशेषरप्रसाद	Private Land	
113.	82	लालखां पिता झल्ले खां	Private Land	0.061
114.	95/1	मु.हकीमुन्निशा बेवा सुफियान खाँ इस्लाम खाँ पिता सुफियान खाँ	Private Land	0.029
115.	95/2	सुलेमान खाँ पि.जब्बार खाँ	Private Land	
116.	96/1	मु.हकीमुन्निशा बेवा सुफियान खाँ इस्लाम खाँ	Private Land	0.299
117.	96/2	सुलेमान खाँ पि.जब्बार खाँ	Private Land	
118.	98	फते मो. पि. यारमो.	Private Land	0.006
119.	99/1/K	इस्लाम खां पि.सुफियान खां	Private Land	
120.	99/1/KH	मो. इसराक खाँ पि. लालखां	Private Land	
121.	99/2	सूफी वेवा सुवेदार खां सिरताज खां सहीजाद खां यखलाक खां	Private Land	0.023
122.	99/2/K	सूफी वेवा सुवेदार खां सिरताज खां सहीजाद खां यखलाक खां	Private Land	
123.	114/1	मंजूरखां पि. जहूर खाँ	Private Land	
124.	114/2/K	मंसूर खाँ पि. याकूव खाँ	Private Land	0.148
125.	114/2/KH	मु.सईदाबीबी वेवा मकवूल खाँ	Private Land	

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126.	115/1	मंजूरखां पि. जहूर खाँ जाति मुसलमान	Private Land	0.036
127.	115/2	सूफी वेवा सुवेदार खां सिरताज खां सहीजाद खां यखलाक खां	Private Land	
128.	116/1	फते मो. पि. यारमो.	Private Land	0.080
129.	116/2	कलीम खाँ पि.काले खाँ	Private Land	
130.	117	कलीम खाँ पि.काले खाँ	Private Land	0.081
131.	118	Govt. Land	Govt. Land	0.045
132.	134	सब्बीर खाँ पि. सुलेमान खाँ 1/2 अजमुल्ला करिमुल्ला पि.नईम खाँ	Private Land	0.089
133.	135/1	कलीम खाँ पि.काले खाँ	Private Land	0.315
134.	135/2	कलीम खाँ पि.काले खाँ	Private Land	
135.	136	रहीमखां पि. करीमखांना.वा. वली मां महरुन्निसा पत्नी करीमखां	Private Land	0.142
136.	137	पंजुम खाँ पि.मुनीर खाँ	Private Land	0.178
137.	142	सहीर खां पि.रफीक खां	Private Land	0.076
138.	143	खलील खाँ पि.सरवर खां	Private Land	0.083
139.	153	जुम्मन खां जाहिर खां पितासोहबत खां 1/2 मु.रहीसा बेगम बेबा मुनताज खां रहीसखां सहीद खां पिता मुनताज	Private Land	0.079
140.	156	करिमुल्ला खाँ अजिमुल्लाखाँ पि. नईम खाँ	Private Land	0.126
141.	157	लाल खां पिता झल्ले खां	Private Land	0.058
142.	158/1	मंजूरखां पि. जहूर खाँ	Private Land	0.074
143.	158/2	मु.सईदाबीबी वेवा मकवूल खाँ	Private Land	
144.	159	लाल खां पिता झल्ले खां	Private Land	0.545
145.	160	लाल खां पिता झल्ले खां	Private Land	0.116
146.	273	सुलेमान खाँ पि.जब्बार खाँ	Private Land	0.194
147.	83	Govt. Land	Govt. Land	0.015
148.	71	प्रेमबाई पुत्री जागेश्वर	Private Land	0.486

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149.	73		Private Land	0.692
150.	74/1	दिनेश कुमार पि.ठाकुरराम	Private Land	0.730
151.	74/2	राजमणि पि.ठाकुरराम	Private Land	
152.	75/1	दिनेश कुमार पि.ठाकुरराम	Private Land	0.042
153.	75/2	राजमणि पि.ठाकुरराम	Private Land	
154.	80/1/k/1	राजकिशोर पि. वृन्दावन	Private Land	0.801
155.	80/1/k/2	कमलेश पि. वृन्दावन	Private Land	
156.	80/1/k/3	ऋषिकेश पि. वृन्दावन	Private Land	
157.	80/1/kh	गौरीशंकर पिता जमुनाप्रसाद	Private Land	
158.	80/2	सन्तप्रसाद पिता विशेषरप्रसाद	Private Land	0.062
159.	31	सुरेश प्रसाद पि. रामखेलावन	Private Land	
160.	46/1	सुन्दरलाल पि.सरजू	Private Land	0.206
161.	46/2/1	शिवकुमार पि.छकौड़ी प्रसाद	Private Land	
162.	46/2/2	पंकज नावा.बली माँ मुन्नीदेवी	Private Land	
163.	46/3	लालमनी पुत्री रामदयाल	Private Land	
164.	47/1	रमेशकुमार पिता रमसुमिरन	Private Land	0.042
165.	47/2	रामलखन पि. शिवप्रसाद	Private Land	
166.	48/1	सुदर्शन प्रसाद पि. जुगुल प्रसाद	Private Land	0.307
167.	48/2/k	रामलखन रामकलेश पि. शिवप्रसाद	Private Land	
168.	48/2/kh	सुरेश प्रसाद पि. रामखेलावन	Private Land	
169.	49	सुखमन्ती बेबा रामखेलावन गया प्रसाद अरुण कुमार	Private Land	0.236
170.	28	छोटेलाल भैयालाल पिता दिलीप प्रसाद मु. बुट्टी	Private Land	0.101
171.	24	NA	Private Land	0.243
172.	51	सुदामा उर्फ छोटे उर्फ रामखेलावनवल्द रामाधार वेवा रामाधार 1/2 रामनिवास	Private Land	0.405
173.	52	सुन्दरलाल पि.सरजू	Private Land	0.506
174.	53/1	देमान पिता धनुकधारी	Private Land	0.070

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175.	53/2	मु.झल्ली बेबा रामचरण नर्वदा सन्तोष रामनाथ पिता रामचरण	Private Land	
176.	56	लक्ष्मिन शुभकरण पि.गुरुदयाल शिवकुमार पि. पैसुनी जलेविया वेवा रामसनेही राकेश कुमार अनिल	Private Land	0.075
177.	58	कताहुरी उर्फ रमिनियाँ पत्नी रामदास	Private Land	0.039
178.	59	लक्ष्मिन शुभकरण पि.गुरुदयाल शिवकुमार पि. पैसुनी जलेविया वेवा रामसनेही राकेश कुमार अनिल	Private Land	0.050
179.	60/1	तेजभान पिता रामराज	Private Land	1.203
180.	60/1/2	रामप्रसाद पि.रामराज	Private Land	
181.	60/2	दयाशंकर पिता देवराज पाण्डेय	Private Land	
182.	61/1/1	सुदर्शन प्रसाद पि. रामेश्वर	Private Land	1.305
183.	61/1/2	बाल्मीक पि. रामेश्वर	Private Land	
184.	61/2	रामाश्रय पिता जगदीश	Private Land	
185.	61/3	मनोज कुमार पि. रामसुजान	Private Land	
186.	62/1	बाल्मीक पि. रामेश्वर	Private Land	
187.	62/2	रामाश्रय पिता जगदीश	Private Land	0.243
188.	62/3	मनोज कुमार पि. रामसुजान	Private Land	
189.	63	भगवानदीन पिता बुद्धी	Private Land	
190.	64/1	भगवानदीन पिता बुद्धी	Private Land	0.317
191.	64/2	रामपाल पिता बुद्धी	Private Land	
192.	65	बहोरी पिता सूर्यदीन	Private Land	0.039
193.	66/1	रामसुन्दर पिता रामाधीन	Private Land	0.120
194.	66/2	शिवप्रसाद पि. रामविशाल	Private Land	
195.	66/3	हरदास पिता रामविशाल	Private Land	
196.	66/4	धोखिया पति मोहनलाल	Private Land	
197.	68	प्रेमबाई पुत्री जागेश्वर	Private Land	0.035
198.	71	प्रेमबाई पुत्री जागेश्वर	Private Land	0.148

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
199.	72	Govt. Land	Govt. Land	0.165
200.	73/1	सईदुन्निशा पुत्री सोहराब खाँ	Private Land	0.299
201.	73/2	नाजमा बीबी पुत्री सोहराब खाँ	Private Land	
202.	73/3	मुमताज बेगम पुत्री सोहराब खाँ	Private Land	
203.	73/4	राजिया बेगम पुत्री सोहराब खाँ	Private Land	
204.	74/1	दिनेश कुमार पि.ठाकुरराम	Private Land	0.592
205.	74/2	राजमणि पि.ठाकुरराम	Private Land	
206.	78	सन्तप्रसाद पिता विशेषरप्रसाद	Private Land	0.076
207.	80/1/k/1	राजकिशोर पि. वृन्दावन	Private Land	0.510
208.	80/1/k/2	कमलेश पि. वृन्दावन	Private Land	
209.	80/1/k/3	ऋषिकेश पि. वृन्दावन	Private Land	
210.	80/2	सन्तप्रसाद पिता विशेषरप्रसाद	Private Land	
211.	82	लालखां पिता झल्ले खां	Private Land	0.092
212.	87/1	जनार्दन प्रसाद पिता रामसुन्दर	Private Land	0.015
213.	87/2	मु.सविता पत्नी रामसुशील आशीष अमित	Private Land	
214.	87/3	रामपाल पि. रामसुन्दर	Private Land	
215.	89/1/kh	मु.सविता पत्नी रामसुशील आशीष अमित पिता रामसुशील	Private Land	0.227
216.	89/1/k	जनार्दन प्रसाद पिता रामसुन्दर	Private Land	
217.	89/1/g	रामपाल पि. रामसुन्दर	Private Land	
218.	89/2	रामदेव पिता छकौडी.	Private Land	
219.	89/2/kh	रामदेव पिता छकौडी	Private Land	
220.	89/2	रामदेव पिता छकौडी	Private Land	
221.	92	धर्मदास पिता वल्देव	Private Land	0.366
222.	94	NA	Private Land	0.340
223.	95/1	जनार्दन प्रसाद पिता रामसुन्दर	Private Land	0.283
224.	95/2	मु.सविता पत्नी रामसुशील आशीष अमित	Private Land	

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
		पिता रामसुशील		
225.	95/3	रामपाल पि. रामसुन्दर	Private Land	
226.	95/4	रामपाल पि. रामसुन्दर	Private Land	
227.	97/1	रामाधार पिता रामगुलाम	Private Land	0.125
228.	97/2	रामभुवन पिता रामगुलाम	Private Land	
229.	98	रामाश्रय पि. वृजवासी	Private Land	0.121
230.	99	सुदर्शन पिता जमुना	Private Land	0.247
231.	100	रामानंद रमाकांत श्यामलालपिता भैयालाल सा. देह	Private Land	0.427
232.	101/1	रामहित पिता केठानी	Private Land	0.324
233.	101/2	शेषमणि पिता केठानी	Private Land	
234.	102/1	सुदर्शन प्रसाद पि. रामेश्वर	Private Land	0.702
235.	102/2	राजेन्द्र प्रसाद पिता रामलाल	Private Land	0.000
236.	103/1	रामदास पिता रामगोपाल	Private Land	0.198
237.	103/2	हरदास पिता रामगोपाल	Private Land	
238.	104	छोटे लाल भैयालाल पिता दिलीप प्रसाद मु. बुड़ी बेबा रामगोपाल	Private Land	0.200
239.	105	मुस.सतिलिया	Private Land	0.037
240.	106	रामलाल पिता रामगोपाल	Private Land	0.150
241.	107	रामलाल पिता रामगोपाल	Private Land	0.069
242.	108	बहोरी पिता सूर्यदीन	Private Land	0.097
243.	109	रामलाल पिता रामगोपाल	Private Land	0.101
244.	110/1/k	छोटा तनय रामाधार 1/2 बेबारामाधार रामनिवास श्रीराम	Private Land	0.130
245.	110/1/kh	हुकुमलाल पिता बैजनाथ राजेश पिता नकछेदी लाल	Private Land	
246.	111/1/k	मु.सरमनिया बेबा रामप्रताप, कमलेश प्रसाद, अवधेस प्रसाद	Private Land	0.540
247.	111/1/kh	राजेश कुमार पिता गौरीशंकर सा. देह	Private Land	

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
248.	111/1/g	शभकरण पिता मिगधू	Private Land	
249.	111/2	मु.दसिया पत्नी रामगोपाल	Private Land	
250.	111/3	पैसुनिया पत्नी रामकिशोरसा	Private Land	
251.	112/1	रामसुशील पिता जगन्नाथ	Private Land	0.376
252.	112/2	महीपत प्रसाद पिता जगन्नाथ	Private Land	
253.	113	हरदास पिता रामविशाल	Private Land	0.182
254.	114/1	रामसुशील पिता जगन्नाथ	Private Land	0.113
255.	114/2	महीपत प्रसाद पिता जगन्नाथ	Private Land	
256.	115	चन्द्रभान पिता वदनराममु. बेसनी बेबा बदनराम	Private Land	0.206
257.	116	लालमणि पिता बालमीक	Private Land	0.498
258.	117	बुद्धसेन-रामसुरेश-रमेश-दिनेश झुल्लू पिता राम- गोपाल	Private Land	0.356
259.	118	वैजनाथ वेवा अयोध्यापिता रमई सा. देह	Private Land	0.188
260.	118/1/1	केदार प्रसाद पिता बैजनाथ	Private Land	
261.	118/1/2	केशव पिता बैजनाथ	Private Land	0.188
262.	118/2	मु.अनचहियावेवा अयोध्या प्रसाद	Private Land	
263.	119/1	नकछेदी प्रसादपिता देमान	Private Land	0.227
264.	119/2	नकछेदी प्रसादपिता देमान	Private Land	0.227
265.	120/1	रामकुमार रामसिया राम-संकोची रामलखन पिता	Private Land	0.267
266.	120/2	मु.सविता पत्नी रामसुशील आशीष अमितपिता रामसुशील	Private Land	0.267
267.	121/1/k	लोकनाथपि.झरू	Private Land	0.425
268.	121/1/kh	हुकुमलाल पिता बैजनाथ राजेशपिता नकछेदी लाल	Private Land	0.210
269.	121/1/g	रामकुमार रामसिया राम-संकोची रामलखन पिता	Private Land	0.636
270.	121/2	कौशल पिता रधुनाथदीन	Private Land	0.210

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
271.	121/3	नारेन्द्र प्रसाद पिता बिहारी लाल	Private Land	0.210
272.	121/4	उमेश पिता रामभुवन	Private Land	0.004
273.	122/1/k	मुस.सतिलियाबेवा केठानी	Private Land	0.105
274.	122/1/kh	रामकृपाल पिता रामगरीब भूरी रेमुनिया लीलावती पुत्री रामकृपाल सा.देह	Private Land	0.008
275.	122/1/g	रामभुवन पिता रामगुलाम	Private Land	
276.	112/1/gh	रामसुन्दर पिता रामाधीन	Private Land	0.008
277.	122/1/ch	लालमणि पिता रामविशाल	Private Land	0.008
278.	122/1/chh	हरदास पिता रामविशाल	Private Land	0.004
279.	122/1/d	शिवप्रसाद पि. रामविशाल	Private Land	0.008
280.	122/2	रामलाल पिता रामगोपाल	Private Land	0.008
281.	122/3	रामाधार पिता रामगुलाम	Private Land	0.008
282.	123	केदार प्रसाद पि0 देमान	Private Land	0.567
283.	124/1	रामहेतु पिता ददूली	Private Land	0.166
284.	124/2	मनभरन पिता ददूली	Private Land	
285.	125/1	रामहेतु पिता ददूली	Private Land	
286.	125/2	मनभरन पिता ददूली	Private Land	0.004
287.	126/1	सुन्दर पि.रामाधीन बैजनाथवलद रमई रामेश्वर रघुनंदनपि.दुलारे रामाश्रय वलदजगदीश वलदेव वलद राममिलन	Private Land	0.121
288.	126/2	रामस्वरुप पिता रामगरीब	Private Land	0.004
289.	126/3	रामसुजान पिता रामगरीब	Private Land	0.004
290.	127	धोखिया पति मोहनलाल	Private Land	0.905
291.	128/1	रामानन्द पिता भैयालाल	Private Land	0.749
292.	128/2	नैतिक पिता रमाकान्त नावा.वलीबाबा भैयालाल	Private Land	
293.	129	शिवप्रसाद पि. रामविशाल	Private Land	0.587
294.	130	घासिल पिता रामदास	Private Land	0.227
295.	131	Not Available	Private Land	0.142

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
296.	132	घासिल पिता रामदास	Private Land	0.575
297.	133/1	इन्द्रनारायण पिता चन्द्रिका प्रसाद	Private Land	0.405
298.	133/1/g	श्रीनिवास पिता तीरथ प्रसाद	Private Land	
299.	133/1/kh	रामकली पत्नी रामकरण राजेन्द्र राजेस पि. रामकरण रसिलिया चन्दी पुत्री रामकरण	Private Land	
300.	133/2/g	मंगलदीन रामगोपाल लोकनाथपिता सुखदेव	Private Land	
301.	133/2/k	मु.संतोष बेबा रामसुमिरन,रमेशकुमारपिता रामसुमिरन	Private Land	
302.	134/1	गौरीशंकर पिता जमुनाप्रसाद	Private Land	0.713
303.	134/2	सन्तप्रसाद पिता विशेशप्रसाद	Private Land	
304.	134/3	पैसुनिया बेबा गणेश प्रसाद पन्नालाल रमेशकुमार	Private Land	
305.	137/1	इन्द्रनारायण पिता चन्द्रिका प्रसाद	Private Land	0.228
306.	137/2	विजय नारायण पि.चन्द्रिका प्रसाद	Private Land	
307.	138	लक्ष्मिन शुभकरण पि.गुरुदयाल शिवकुमार पि. पैसुनी जलेविया वेवा रामसनेही राकेश कुमार अनिल कुमार पि	Private Land	0.653
308.	141	दयानिधि रामनिधि रामभानपिता भैयालाल सा. तुर्की	Private Land	0.162
309.	142/1	भूरी पति रामगुलामसा. देह	Private Land	0.420
310.	142/2	मु.दसिया पत्नी	Private Land	
311.	152/1	रामसुन्दर पिता रामाधीन	Private Land	0.014
312.	152/2	बाल्मीक पि. रामेश्वर	Private Land	
313.	152/3	रामहित्त पिता केठानी	Private Land	
314.	152/4	देमान पिता धनुकधारी	Private Land	
315.	152/5	रामचरण पिता धनुकधारी	Private Land	
316.	156	रामसुन्दर पिता रामाधीन	Private Land	0.101

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
317.	157	रामसुन्दर पिता रामाधीन	Private Land	0.633
318.	158/1/K	अशोक कुमार पिता बालमीक	Private Land	0.021
319.	158/2	मनोज कुमार पि. रामसुजान	Private Land	0.024
320.	159/1	राजेश कुमार पि. रामसुजान	Private Land	0.310
321.	159/2	मनोज कुमार पि. रामसुजान	Private Land	0.470
322.	160	देवशरण, देवचरण पिता वशिष्टराम सा. देह	Private Land	0.425
323.	161	देवशरण, देवचरण पिता वशिष्टराम सा. देह	Private Land	0.152
324.	162/1	शिवप्रसाद पिता रामविशाल	Private Land	0.490
325.	162/1/k	शिवप्रसाद पिता रामविशाल	Private Land	0.247
326.	162/1/kh	लालमणि पिता रामविशाल	Private Land	0.247
327.	162/2	हरदास पिता रामविशाल	Private Land	0.288
328.	163	बुद्धसेन-रामसुरेश-रमेश-दिनेश झुल्लू पिता राम-	Private Land	1.140
329.	164/1/k	रामकृपाल पिता रामगरीब भूरी रेमुनिया लीलावती पुत्री रामकृपाल सा.देह	Private Land	0.115
330.	164/1/kh	रामस्वरूप	Private Land	0.125
331.	164/2	रामलाल	Private Land	0.761
332.	164/3	रामाधार	Private Land	0.381
333.	165/1/K	बाबूलाल मोतीलाल प्रदीप कुमार	Private Land	
334.	165/1/KH	राजकुमारी पत्नी सुरेश प्रसाद ब्रा. व पुरुषोत्तम पिता रामखेलावन	Private Land	0.356
335.	165/1/GH	रामाश्रय पिता बसंतराम	Private Land	
336.	165/2	रामखिलावन पिता वसंतराम सा. देह	Private Land	0.117
337.	165/3	मु.सुखरनिया बेवा रामसुन्दर गंगा प्रसाद अयोध्या प्रसाद पिता रामसुन्दर गिदुरी	Private Land	
338.	166/3	मु.सुखरनिया बेवा रामसुन्दर गंगा प्रसाद अयोध्या प्रसाद पिता रामसुन्दर गिदुरी	Private Land	0.117

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
339.	166/2	रामखिलावन पिता वसंतराम सा. देह	Private Land	
340.	166/1/K	बाबूलाल मोतीलाल प्रदीप कुमार	Private Land	0.046
341.	166/1/KH	राजकुमारी पत्नी सुरेश प्रसाद ब्रा. व पुरुषोत्तम	Private Land	0.015
342.	166/1/G	रामाश्रय	Private Land	0.015
343.	167/1	तेजभान	Private Land	0.842
344.	167/2	मु.नन्हीबाई	Private Land	0.842
345.	168/1	तेजभान	Private Land	0.150
346.	168/2	मु.नन्हीबाई	Private Land	
347.	169/2	रामखिलावन पिता वसंतराम सा. देह	Private Land	0.150
348.	169/3	मु.सुखरनिया बेवा रामसुन्दर गंगा प्रसाद अयोध्या प्रसाद पिता रामसुन्दर गिदुरी	Private Land	
349.	169/1/K	बाबूलाल मोतीलाल प्रदीप कुमार	Private Land	0.574
350.	169/2/KH	राजकुमारी पत्नी सुरेश प्रसाद ब्रा. व पुरुषोत्तम	Private Land	0.190
351.	169/3/G	रामाश्रय	Private Land	0.190
352.	170/1/K	बाबूलाल मोतीलाल प्रदीप कुमार	Private Land	
353.	170/1/KH	राजकुमारी पत्नी सुरेश प्रसाद ब्रा. व पुरुषोत्तम	Private Land	0.049
354.	170/1/G	रामाश्रय	Private Land	
355.	170/2	रामखिलावन पिता वसंतराम सा. देह	Private Land	0.016
356.	170/3	मु.सुखरनिया बेवा रामसुन्दर गंगा प्रसाद अयोध्या प्रसाद पिता रामसुन्दर गिदुरी	Private Land	0.016
357.	171	देवशरण, देवचरण पितावशिष्टराम सा. देह	Private Land	1.011
358.	172/1	देवशरण, देवचरण पितावशिष्टराम सा. देह	Private Land	0.073
359.	172/2	रामकृपाल रामासेरीमणिरामसुमिरन पिता सहदेव	Private Land	0.000

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
360.	173	शैलेशपि.रामभुवन	Private Land	0.076
361.	173/2	उमेशपि.रामभुवन	Private Land	
362.	173/3	विजयशंकरपि. रामभुवन	Private Land	
363.	174	चन्द्रिकाप्रसाद	Private Land	1.489
364.	174/1/K	शैलेश पि.रामभुवन	Private Land	
365.	174/1/KHA	उमेश पि.रामभुवन	Private Land	
366.	174/1/G	विजयशंकर पि. रामभुवन	Private Land	
367.	174/3	सूर्यभान पिता रामलाल	Private Land	
368.	175/1	धर्मदास पिता वल्देव	Private Land	0.627
369.	175/2/1	रामदास पिता रामगोपाल	Private Land	0.627
370.	176	पैसुनिया बेबा गणेश प्रसाद पन्नालाल रमेश कुमार	Private Land	0.688
371.	177	पैसुनिया बेबा गणेश प्रसाद पन्नालाल रमेश कुमार	Private Land	0.105
372.	178/1	रामसंकोची रामसिया पिताविशेषर सा. देह	Private Land	0.502
373.	178/2	हकुमलाल पिता बैजनाथ राजेश	Private Land	0.255
374.	179/1	रामसंकोची रामसिया पिताविशेषर सा. देह	Private Land	0.109
375.	179/2	हकुमलाल पिता बैजनाथ राजेश	Private Land	0.028
376.	180/1	पैसुनिया पत्नी रामकिशोरसा. देह	Private Land	1.105
377.	180/2	मु.दसिया पत्नीरामगोपाल	Private Land	
378.	181	पैसुनिया पत्नी रामकिशोरसा. देह	Private Land	0.150
379.	182/1	पैसुनिया पत्नी रामकिशोरसा. देह	Private Land	0.113
380.	182/2	मु.दसिया पत्नीरामगोपाल	Private Land	0.000
381.	183/1	रामशिरोमणि पि.सहादेव	Private Land	0.077
382.	183/2	विश्वनाथ पिता देमान	Private Land	0.000
383.	184	जागेश्वरनाथ	Private Land	0.062

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
384.	187	लक्ष्मिन शुभकरण पि.गुरुदयाल शिवकुमार पि. पैसुनी जलेविया बेवा रामसनेही राकेश कुमार अनिल कुमार पि	Private Land	0.354
385.	264	देवशरण, देवचरण पितावशिष्टराम सा. देह	Private Land	0.047
386.	265	लेदही पिता रामसुन्दररामकुमार पिता सुखदेव	Private Land	0.110
387.	266	देवशरण, देवचरण पितावशिष्टराम सा. देह	Private Land	0.144
388.	267	रामदेव पिता ज्ञानी	Private Land	0.350
389.	268/1	आत्माराम पिता बहोरी	Private Land	0.015
390.	268/2	अतुल पिता बहोरी	Private Land	
391.	267/1	सौखीलाल पि.रामसेवक	Private Land	0.242
392.	269/1	रामलाल पिता तीर्थप्रसादसा. देह	Private Land	0.038
393.	269/2	देवशरण, देवचरण पितावशिष्टराम सा. देह	Private Land	
394.	270	लालमणि पिता रामविशाल	Private Land	0.017
395.	271/1	सौखीलाल पि.रामसेवक	Private Land	0.328
396.	271/1/2	रामखेलावन पि.रामसनेही	Private Land	
397.	272/1/KH	जनार्दन प्रसाद पिता रामविशाल	Private Land	0.027
398.	273/1	दिनेश कुमार पि.ठाकुरराम	Private Land	0.363
399.	273/2	NA	Private Land	
400.	273/3	सन्तप्रसाद पिता विशेषरप्रसाद	Private Land	
401.	273/4	पैसुनिया बेबा गणेश प्रसाद पन्नलाल रमेश कुमार	Private Land	
402.	273/2/K	ऋषिकेश पि. बृन्दावन	Private Land	0.085
403.	273/2/KH	गौरीशंकर पिता जमुनाप्रसाद	Private Land	
404.	274	देवशरण, देवचरण पिता वशिष्टराम सा. देह	Private Land	0.078
405.	275	मु.सविता पत्नी रामसुशील आशीष अमित	Private Land	0.078
406.	276/1	रमेशकुमार पिता रमसुमिरन	Private Land	0.034

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
407.	276/2	सविता देवी पत्नी रामसुशीलसा. देह	Private Land	
408.	278	विश्वनाथ नकछेदीलाल पि0 देमान	Private Land	0.272
409.	279	सुदर्सन प्रसाद पिता जमुनाप्रसाद रामेश्वर प्रसाद	Private Land	0.113
410.	280	सुदर्सन प्रसाद पिता जमुनाप्रसाद रामेश्वर प्रसाद	Private Land	0.344
411.	281	धर्मदास पिता वल्देव	Private Land	0.003
412.	282	धर्मदास पिता वल्देव	Private Land	1.215
413.	283	सुदर्सन प्रसाद पिता जमुनाप्रसाद रामेश्वर प्रसाद	Private Land	0.312
414.	284/1	रामहेतु पिता ददूली	Private Land	0.125
415.	284/2	मनभरन पिता ददूली	Private Land	
416.	285/1	रामहेतु पिता ददूली	Private Land	0.440
417.	285/2	मनभरन पिता ददूली	Private Land	
418.	286/1	तेजभान पिता रामराज	Private Land	0.167
419.	286/2	दयाशंकर पिता देवराज पाण्डेय	Private Land	
420.	287/1	तेजभान पिता रामराज	Private Land	0.472
421.	287/2	दयाशंकर पिता देवराज पाण्डेय	Private Land	0.489
422.	288/1	बुद्धसेन-रामसुरेश-रमेश-दिनेश झुल्लू पिता राम- गोपाल	Private Land	0.070
423.	288/1/K/3	हीरालाल पि.रामस्वरूप	Private Land	
424.	288/1/KH	हीरालाल पि.रामस्वरूप	Private Land	
425.	288/2	बालगोविंद पिता समराजसा	Private Land	
426.	289/1	बुद्धसेन-रामसुरेश-रमेश-दिनेश झुल्लू पिता राम- गोपाल	Private Land	0.200
427.	289/1/K/3	हीरालाल पि.रामस्वरूप	Private Land	
428.	289/2	बालगोविंद पिता समराजसा	Private Land	
429.	302/1	रामलखन पिता रामविशालसा. देह	Private Land	0.235

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
430.	302/2	मु.सरमनिया बेबा रामप्रताप,कमलेश प्रसाद, अवधेस प्रसाद	Private Land	
431.	302/3	शभकरण पिता मिगधू	Private Land	
432.	304/1	बाल्मीक पि. रामेश्वर	Private Land	0.052
433.	304/2 K	शेषमणि पिता केठानी	Private Land	0.069
434.	304/2 KH	देमान पिता धनुकधारी	Private Land	
435.	305	मनोज कुमार पि. रामसुजान	Private Land	0.007
	<b>Total</b>			<b>67.359</b>

**B) NON-MINERALIZED AREA BLOCK-1 OWNER LIST (VILLAGE BIGODI ):**

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
1.	14	चन्द्रभान पि.वदनराम	Private Land	0.270
2.	15	चन्द्रभान पिता वदनराम	Private Land	0.220
3.	16	चन्द्रभान पिता वदनराम	Private Land	0.210
4.	18	चन्द्रभान पि. बदनराम बेसनी बेबा बदनराम	Private Land	0.068
5.	20/1	इन्द्रनारायणपिता चन्द्रिका प्रसाद	Private Land	0.135
6.	20/2	विजय नारायणपि.चन्द्रिका प्रसाद	Private Land	
7.	21/1	इन्द्रनारायणपिता चन्द्रिका	Private Land	0.350
8.	21/2	विजय नारायणपि.चन्द्रिका प्रसाद	Private Land	
9.	23/1	रामसुन्दर पिता रामाधीन	Private Land	
10.	23/2	मादेवी पत्नी जमुना प्रसाद	Private Land	
11.	23/3	गौरीशंकर पिता जमुनाप्रसाद	Private Land	1.400
12.	23/4	सन्तप्रसाद पिता विशेषरप्रसाद	Private Land	
13.	23/5	पैसुनिया बेबा गणेश प्रसाद पन्नालाल रमेश कुमार	Private Land	
14.	24/1/k	सुदर्शन प्रसादपि. रामेश्वर	Private Land	
15.	24/1kh	रामाश्रयपिता जगदीश	Private Land	1.340
16.	24/1g	मनोज कुमारपि. रामसुजान	Private Land	

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
17.	24/2/ka	अरसद अक्वासीपिता मो.मुस्लिम (सोनू)	Private Land	
18.	24/2/kh	रामस्वरूपपिता रामगरी	Private Land	
19.	24/2/g	रामसुजानपिता रामगरीब	Private Land	
20.	25/1/k	सुदर्शन प्रसादपि. रामेश्वर	Private Land	
21.	25/1/kh	रामाश्रयपिता जगदीश	Private Land	
22.	25/1/g	मनोज कुमारपि. रामसुजान	Private Land	
23.	25/2/k	अरसद अक्वासीपिता मो.मुस्लिम	Private Land	0.125
24.	25//2/kh	रामस्वरूपपिता रामगरीब	Private Land	
25.	25/2/g	रामस्वरूपपिता रामगरीब	Private Land	
26.	26/1	इन्द्रनारायणपिता चन्द्रिका	Private Land	
27.	26/2	विजय नारायणपि.चन्द्रिका प्रसाद	Private Land	1.150
28.	27/1	सुन्दरलालपि.सरजू	Private Land	
29.	27/2	शिवकुमारपि.छकौड़ी प्रसाद	Private Land	0.841
30.	27/3	सरमनियापुत्री रामदयाल	Private Land	
31.	28	छोटेलाल भैयालाल पिता दिलीप प्रसाद	Private Land	0.562
32.	24			0.285
33.	29	रामसियापिता विशेषर	Private Land	0.158
34.	30/1	जनार्दन प्रसादपिता रामसुन्दर	Private Land	0.105
35.	30/2	मु.सविता पत्नी रामसुशील आशीष अमितपिता रामसुशील	Private Land	0.106
36.	30/3	सुरेश प्रसादपि. रामखेलावन	Private Land	0.105
37.	31	सुरेश प्रसादपि. रामखेलावन	Private Land	0.240
38.	32	सूर्यदीनपिता बेनी	Private Land	0.372
39.	33	मु.झल्ली बेबा रामचरण नर्वदा सन्तोरामनाथपितारामचरण	Private Land	0.397
40.	34	सुदर्शनपिता जमुना	Private Land	0.547
41.	35/1	देमानपिता धनुकधारी	Private Land	0.566
42.	35/2	झल्लीपति रामचरण	Private Land	0.166
43.	35/1	देमानपिता धनुकधारी	Private Land	0.567
44.	35/2	झल्लीपति रामचरण	Private Land	0.186
45.	35/3		Private Land	0.190
46.	35/4		Private Land	0.190
47.	36/1	मु.संतोष बेबा रामसुमिरन,रमेशकुमारपिता रामसुमिरन	Private Land	0.102

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
48.	36/2	रामकलीपत्नी रामकरण राजेन्द्र राजेस पि. रामकरण रसिलिया चन्दी पुत्री रामकरण	Private Land	
49.	36/3	श्रीनिवासपिता तीरथ प्रसाद	Private Land	
50.	38	सुखमन्ती बेबा रामखेलावन गया प्रसाद अरुण कुमार पि.रामखेलावन लीला	Private Land	0.235
51.	39/1	जनार्दन प्रसाद रामसुशील रामपालपि. रामसुन्दर	Private Land	0.089
52.	39/2	जनार्दन प्रसादपिता रामसुन्दर	Private Land	0.089
53.	39/3	मु.सविता पत्नी रामसुशील आशीष अमित पिता रामसुशील	Private Land	0.089
54.	40/1/k	लोकनाथ पि.झूरू	Private Land	
55.	40/1/kh	हुकुमलाल पिता बैजनाथ राजेशपिता नकछेदी लाल	Private Land	
56.	40/1/g	रामकुमार रामसिया राम-संकोची रामलखन पिता	Private Land	
57.	40/2	लक्ष्मिन पिता गुरुदयालसा. देह	Private Land	0.026
58.	40/3	राकेशपिता रधुनाथदीन	Private Land	
59.	40/4	विहारीलालपिता जुगुल प्रसाद	Private Land	
60.	40/4/1	श्रीनिवासपिता बिहारीलाल	Private Land	
61.	40/4/2	नारेन्द्र प्रसाद पिता बिहारी लाल	Private Land	
62.	40/5	सुदर्शन प्रसादपिता जमुना प्रसाद	Private Land	
63.	41/1	भगवानदीनपिता बुद्धी	Private Land	
64.	41/2	रामपालपिता बुद्धी	Private Land	0.048
65.	42	सौखीलाल सुखलालपिता रामगरीब	Private Land	0.302
66.	43	सौखीलाल सुखलालपिता रामगरीब	Private Land	0.160
67.	44	रामनारायणपि. मनेजर	Private Land	0.165
68.	45/1	सुन्दरलालपि.सरजू	Private Land	
69.	45/2	शिवकुमारपि.छकौड़ी प्रसाद	Private Land	
70.	45/2/2	मु.मुन्नीदेवी बेवा सौखीलाल आरती भारतीपंकजनावा.बलीमाँ मुन्नीदेवी	Private Land	0.312
71.	45/3	लालमनीपुत्री रामदयाल	Private Land	
72.	46/1	सुन्दरलालपि.सरजू	Private Land	
73.	46/2/1	शिवकुमारपि.छकौड़ी प्रसाद	Private Land	0.008

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
74.	46/2/2	मु.मुन्नीदेवी बेवा सौखीलाल आरती भारती	Private Land	
75.	46/3	लालमनीपुत्री रामदयाल	Private Land	
76.	47/1	रमेशकुमारपिता रमसुमिरन	Private Land	0.142
77.	47/2	रामलखनपि. शिवप्रसाद	Private Land	
78.	48/1	सुदर्शन प्रसादपि. जुगुल प्रसाद	Private Land	
79.	48/2/k	रामलखन रामकलेशपि. शिवप्रसाद	Private Land	0.211
80.	48/2/kh	सुरेश प्रसाद पि. रामखेलावन	Private Land	
81.	49	सुखमन्ती बेबा रामखेलावन गया प्रसाद अरुण कुमार	Private Land	0.121
82.	50/1	घासिलपिता रामदास	Private Land	0.380
83.	50/2	रामकृपालपिता गौरीशंकर	Private Land	0.324
84.	61/1/1	तेजभानपिता रामराज	Private Land	1.300
85.	61/1/2	रामप्रसादपि. रामराज	Private Land	
86.	61/2	रामाश्रयपिता जगदीश	Private Land	
87.	61/3	मनोज कुमारपि. रामसुजान	Private Land	
88.	63	भगवानदीनपिता बुद्धी	Private Land	0.590
89.	113	हरदासपिता रामविशाल	Private Land	0.041
90.	114/1	रामसुसीलपिता जगन्नाथ	Private Land	0.043
91.	114/2	महीपत प्रसादपिता जगन्नाथ	Private Land	
92.	115	चन्द्रभान पिता वदनराममु. बेसनी बेबा बदनराम	Private Land	0.042
93.	129	शिवप्रसादपि. रामविशाल	Private Land	0.051
94.	129/3	लालमणिपिता रामविशाल	Private Land	
95.	130	घासिलपिता रामदास	Private Land	0.006
96.	132	घासिलपिता रामदास	Private Land	0.060
97.	133/1	इन्द्रनारायणपिता चन्द्रिका	Private Land	0.342
98.	133/1/g	श्रीनिवासपिता तीरथ प्रसाद	Private Land	
99.	133/1/kh	रामकलीपत्नी रामकरण राजेन्द्र राजेस पि. रामकरणरसिलिया चन्दी पुत्री रामकर	Private Land	
100.	133/2/g		Private Land	
101.	133/2/k	मु.संतोष बेबा रामसुमिरन,रमेशकुमारपिता रामसुमिरन	Private Land	

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
102.	134/1	गौरीशंकरपिता जमुनाप्रसाद	Private Land	0.512
103.	134/2	सन्तप्रसादपिता विशेषरप्रसाद	Private Land	
104.	134/3	पैसुनिया बेबा गणेश प्रसाद पन्नालाल रमेश कुमार	Private Land	
105.	135/1	दिनेश कुमारपि.ठाकुरराम	Private Land	0.194
106.	135/2	राजमणिपि.ठाकुरराम	Private Land	0.194
107.	136/1	दिनेश कुमारपि.ठाकुरराम	Private Land	0.038
108.	136/2	राजमणिपि.ठाकुरराम	Private Land	0.039
109.	137/1	इन्द्रनारायणपिता चन्द्रिका प्रसाद	Private Land	0.294
110.	137/2	विजय नारायणपि.चन्द्रिका प्रसाद	Private Land	
111.	138	लक्ष्मिन शुभकरण पि.गुरुदयाल शिवकुमार पि. पैसुनी जलेविया बेवा रामसनेही राकेश कुमार अनिल कुमार	Private Land	0.735
112.	139/1	देवशरण, देवचरण पितावशिष्टराम सा.	Private Land	0.186
113.	139/2	रामभुवनपिता चन्द्रिका प्रसाद	Private Land	0.065
114.	140/1	देवशरण, देवचरण पितावशिष्टराम सा. देह	Private Land	0.490
115.	140/2	रामभुवनपिता चन्द्रिका प्रसाद	Private Land	0.490
116.	141	दयानिधि रामनिधि रामभानपिता भैयालाल सा. तुर्की	Private Land	0.182
117.	142/1	भूरी पति रामगुलामसा. देह	Private Land	0.275
118.	142/2	मु.दसिया पत्नीरामगोपाल	Private Land	0.000
		TOTAL		19.823

**B] Village :Sannehi Sikti, Tahsil: Amarpatan, Dist. Satna : BLOCK-2**

**a) Mineralized Area Land Owner List :**

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
1.	101/1/K	गुफरान पि.उसमान खाँ		1.270
2.	101/1/KH	अजीत सिंह योगेन्द्र सिंह पिता रामजियावन सिंह	Private Land	
3.	101/2	अजीत सिंह योगेन्द्र सिंह पिता रामजियावन सिंह	Private Land	0.067
4.	102/1/K	गुफरान पि.उसमान खाँ जाति मुसलमान	Private Land	
5.	102/1/KH	अजीत सिंह योगेन्द्र सिंह पिता रामजियावन सिंह	Private Land	
6.	102/2	अजीत सिंह योगेन्द्र सिंह पिता रामजियावन सिंह	Private Land	
7.	103	रामलखन रामगोपाल रामनिहोरपिता शिव	Private Land	1.320
8.	104	रामलखन रामगोपाल रामनिहोरपिता शिव	Private Land	0.082
9.	105	श्रीमती जाहिदा बीबी धर्म पत्नी सफीउल्ला खाँ	Private Land	2.010
10.	106	श्रीमती जाहिदा बीबी धर्म पत्नी सफीउल्ला खाँ	Private Land	0.135
11.	107	श्रीमती जाहिदा बीबी धर्म पत्नी सफीउल्ला खाँ	Private Land	0.001
12.	108	भास्करप्रसाद वल्द रविपालशरण	Private Land	0.090
13.	109	अंगद अवध शरण पिताभगवानदीन	Private Land	0.279
14.	110	मो.सलीम पि.मो.करीम खाँ नावा.बली माँ महरुनिशा	Private Land	0.006
15.	116	अंगद अवध शरण पिताभगवानदीन	Private Land	0.198
16.	116/2	लक्ष्मण पिता अवधशरण	Private Land	
17.	117	अंगद अवध शरण पिताभगवानदीन	Private Land	0.183
18.	121	अंगद अवध शरण पिताभगवानदीन	Private Land	0.013
19.	123	Govt. Land	Govt. Land	0.080
20.	124	रामेश्वर जागेश्वर राममिलनपिता सुखदेव	Private Land	0.259
21.	125	रामेश्वर जागेश्वर राममिलनपिता सुखदेव	Private Land	0.060
22.	126	Govt. Land	Govt. Land	0.032
23.	128	श्यामसुन्दर वल्द बाबादीनसा.देह	Private Land	0.073
24.	134	हीरालाल वल्द बालमीकसा.देह	Private Land	0.009
25.	130	Govt. Land	Govt. Land	0.019
26.	132	मंजूर आलम खाँ वल्द नाजिरखाँ सा.देह	Private Land	0.012
27.	135	हीरालाल वल्द बालमीकसा.देह	Private Land	0.036

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
28.	136	हीरालाल वल्द बालमीकसा.देह	Private Land	0.073
29.	138	हीरालाल वल्द बालमीकसा.देह	Private Land	0.018
30.	319	NA	Private Land	0.095
31.	144	जगदीश वाल्मीकबासुदेव	Private Land	0.139
32.	145	जगदीश वाल्मीकबासुदेव	Private Land	0.014
33.	146	श्यामसुन्दर वल्द बाबादीनसा.देह	Private Land	0.044
34.	147	श्यामसुन्दर वल्द बाबादीनसा.देह	Private Land	0.116
35.	150	लक्ष्मण वल्द गुरुदयाल 1/2कुर्मी लालखां वल्द झुल्ले	Private Land	0.052
36.	152	लक्ष्मण वल्द गुरुदयाल 1/2कुर्मी लालखां	Private Land	0.448
37.	153	लक्ष्मण वल्द गुरुदयाल 1/2कुर्मी लालखां	Private Land	0.085
38.	155	लक्ष्मण वल्द गुरुदयाल 1/2कुर्मी लालखां	Private Land	0.128
39.	157	लक्ष्मण वल्द गुरुदयाल 1/2कुर्मी लालखां	Private Land	0.030
40.	163	शंकर शिवमूरत पिता रामनारायण जमुना पारवती सरस्वती	Private Land	0.089
41.	164	NA	Private Land	0.136
42.	165	NA	Private Land	0.090
43.	166	एनायत तुल्ला खां वल्द रहमत उल्ला खां	Private Land	0.100
44.	167	एनायत तुल्ला खां वल्द रहमत उल्ला खां	Private Land	0.164
45.	168	NA	Private Land	0.189
46.	171	मोतीलालवल्द चुनवद	Private Land	0.031
47.	172	मोतीलालवल्द चुनवद	Private Land	0.025
48.	173	मोतीलालवल्द चुनवद	Private Land	0.010
49.	174	NA	Private Land	0.180
50.	175	वासदेव पिता परमेश्वरदीन	Private Land	0.095
51.	176	फतेउल्ला खां दीन मोहम्मदखां करीम खां पि.हबीबुल्ला	Private Land	0.173
52.	177/1	एनायत तुल्ला खां वल्द रहमत उल्ला खां	Private Land	0.011
53.	182/1	प्रीती वर्मापत्नी शिवनारायण वर्मा	Private Land	0.267
54.	184	एनायत तुल्ला खां वल्द रहमत उल्ला खां	Private Land	0.081
55.	185	एनायत तुल्ला खां वल्द रहमत उल्ला खां	Private Land	0.029
56.	186	एनायत तुल्ला खां वल्द रहमत उल्ला खां	Private Land	0.018
57.	187	फतेउल्ला खां दीन मोहम्मदखां करीम खां पि.हबीबुल्ला	Private Land	0.064

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
58.	188	एनायत तुल्ला खांवल्द रहमत उल्ला खां	Private Land	0.022
59.	189	फतेउल्ला खां दीन मोहम्मदखां करीम खां	Private Land	0.095
60.	190	फतेउल्ला खां दीन मोहम्मदखां करीम खांपि.हबीबुल्ला	Private Land	0.028
61.	191	फतेउल्ला खां दीन मोहम्मदखां करीम खां	Private Land	0.006
62.	193	मंजूर खांवल्द वजिर खां	Private Land	0.009
63.	194	रामसुन्दरवल्द बाबादीन	Private Land	0.111
64.	195	श्यामसुन्दर वल्द बाबादीनसा.देह	Private Land	0.112
65.	196	NA	Private Land	0.209
66.	197	रामसुन्दरपिता पराग	Private Land	0.107
67.	198	NA	Private Land	0.110
68.	199/1	मु.गेंदकली वेवा लालमणि व उदयभान कोदूलाल जावेन्द्र पिता लालमणि	Private Land	0.116
69.	200	एनामतुल्लातनय रहमतुल्ला खां	Private Land	0.161
70.	201	एनायत तुल्ला खांवल्द रहमत उल्ला खां	Private Land	0.035
71.	243	रामेश्वर जागेश्वर राममिलनपिता सुखदेव	Private Land	0.154
72.	248	Govt. Land	Govt. Land	0.071
Total				10.574

**B) NON-MINERALIZED AREA BLOCK-2 OWNER LIST :**

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
73.	101/1/K	गुफरान पि.उसमान खाँ	PRIVATE LAND	0.254
74.	101/1/KH	अजीत सिंह योगेन्द्र सिंह पिता रामजियावन सिंह	PRIVATE LAND	
75.	101/2	अजीत सिंह योगेन्द्र सिंह पिता रामजियावन सिंह	PRIVATE LAND	
76.	102/1/K	गुफरान पि.उसमान खाँ	PRIVATE LAND	0.023
77.	102/1/KH	अजीत सिंह योगेन्द्र सिंह पिता रामजियावन सिंह	PRIVATE LAND	
78.	102/2	अजीत सिंह योगेन्द्र सिंह पिता रामजियावन सिंह	PRIVATE LAND	
79.	103	रामलखन रामगोपाल रामनिहोरपिता शिव	PRIVATE LAND	0.848

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
80.	104	रामलखन रामगोपाल रामनिहोरपिता शिव	PRIVATE LAND	0.085
81.	110	मो.सलीम पि.मो.करीम खाँ नावा.बली माँ महरुनिशा	PRIVATE LAND	0.076
82.	111	मो.सलीम पि.मो.करीम खाँ नावा.बली माँ महरुनिशा	PRIVATE LAND	0.032
83.	112	मो.सलीम पि.मो.करीम खाँ नावा.बली माँ महरुनिशा	PRIVATE LAND	0.093
84.	113/2	मो.सलीम पि.मो.करीम खाँ नावा.बली माँ महरुनिशा	PRIVATE LAND	0.100
85.	155	लक्ष्मण वल्द गुरुदयाल 1/2कुर्मी लालखां	PRIVATE LAND	0.055
86.	156	लक्ष्मण वल्द गुरुदयाल 1/2कुर्मी लालखां	PRIVATE LAND	0.078
87.	90	लक्ष्मण वल्द गुरुदयाल 1/2कुर्मी लालखां	PRIVATE LAND	0.016
88.	157	लक्ष्मण वल्द गुरुदयाल 1/2कुर्मी लालखां	PRIVATE LAND	0.014
89.	158/1/K	रामसुन्दरपिता बाबादीन	PRIVATE LAND	0.270
90.	158/2	सावित्री देवीपत्नी रामदास	PRIVATE LAND	
91.	159	NA	PRIVATE LAND	0.031
92.	159/2	सावित्री देवीपत्नी रामदास	PRIVATE LAND	
93.	163	शंकर शिवमूरत पिता रामनारायण जमुना पारवती सरस्वती	PRIVATE LAND	0.053
94.	160	NA	PRIVATE LAND	0.030
95.	161	NA	PRIVATE LAND	0.196
96.	162	NA	PRIVATE LAND	0.028
97.	206	श्यामसुन्दर वल्द बाबादीनसा.	PRIVATE LAND	0.154
98.	207	श्यामसुन्दर वल्द बाबादीनसा	PRIVATE LAND	0.031
99.	214/1/K	महरजुआपुत्री शिवशरण	PRIVATE LAND	0.037
100.	214/1	सुखरनियांवेवा शिवशरण	PRIVATE LAND	
101.	214/2	निसादखां सिकात खांतनय गौसखां	PRIVATE LAND	
102.	213/1/k	महरजुआपुत्री शिवशरण	PRIVATE LAND	0.308
103.	213/1	सुखरनियांवेवा शिवशरण	PRIVATE LAND	
104.	213/2	निसादखां सिकात खांतनय गौसखां	PRIVATE LAND	
105.	215/1	सुखरनियांवेवा शिवशरण	PRIVATE LAND	0.244
106.	215/1/K	महरजुआपुत्री शिवशरण	PRIVATE LAND	
107.	215/2	निसादखां सिकात खां	PRIVATE LAND	
108.	216	सुखरनियांवेवा शिवशरण	PRIVATE LAND	0.096

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
109.	216/1	महरजुआपुत्री शिवशरण	PRIVATE LAND	
110.	217	एनायत तुल्ला खांवल्द रहमत उल्ला खां	PRIVATE LAND	0.045
111.	218	निसारखां सिकात खां	PRIVATE LAND	0.011
112.	219	निसारखां सिकात खांपि.गौसखां	PRIVATE LAND	0.106
113.	220	एनायत तुल्ला खांवल्द रहमत उल्ला खां	PRIVATE LAND	0.201
114.	223	फतेउल्ला खां दीन मोहम्मदखां करीम खां	PRIVATE LAND	0.026
115.	224	अहमद उल्ला वल्दसफीउल्ला समीउल्ला वल्द हिदायत उल्लाहि.	PRIVATE LAND	0.255
116.	232/1	ऑंकार प्रसादपिता रामप्रसाद	PRIVATE LAND	0.405
117.	232/2	श्रवण कुमारपिता रामप्रसाद	PRIVATE LAND	
118.	232/3	केशव प्रसादपिता रामप्रसाद	PRIVATE LAND	
119.	232/4	पुरुषोत्तम पिता रामप्रसाद ब्रा सा देह	PRIVATE LAND	
120.	232/5	सन्तोष कुमारपिता रामप्रसाद	PRIVATE LAND	
121.	233/2/K	सतीश कुमारपिता श्रवण प्रसाद	PRIVATE LAND	1.045
122.	233/2/KH	सुनील कुमारपिता श्रवण प्रसाद	PRIVATE LAND	
123.	233/3	केशव प्रसादपिता रामप्रसाद	PRIVATE LAND	
124.	233/4	पुरुषोत्तम पिता रामप्रसाद ब्रा सा देह	PRIVATE LAND	
125.	233/5	सन्तोष कुमारपिता रामप्रसाद	PRIVATE LAND	
126.	233/1	ऑंकार प्रसादपिता रामप्रसाद	PRIVATE LAND	
127.	234	व अता उल्ला खां	PRIVATE LAND	0.036
128.	235	व अता उल्ला खां	PRIVATE LAND	0.301
129.	236	व अता उल्ला खां	PRIVATE LAND	0.06
130.	261	गणेशप्रसाद वल्द व्दारिकाप्रसाद	PRIVATE LAND	0.165
131.	262/1/G	केशव प्रसादपिता रामप्रसाद	PRIVATE LAND	0.489
132.	262/1/GH	पुरुषोत्तम पिता रामप्रसाद	PRIVATE LAND	
133.	262/1/D	सन्तोष कुमारपिता रामप्रसाद	PRIVATE LAND	
134.	262/2/K	ऑंकार प्रसादपिता रामप्रसाद	PRIVATE LAND	
135.	262/2/KH/1	सतीश कुमारपिता श्रवण प्रसाद	PRIVATE LAND	
136.	262/2/KH/2	सुनील कुमारपिता श्रवण प्रसाद	PRIVATE LAND	
137.	264	गणेशप्रसाद वल्द व्दारिकाप्रसाद	PRIVATE LAND	0.138
138.	265/1	पुरुषोत्तम पिता रामप्रसाद	PRIVATE LAND	0.028
139.	265/2	गणेशप्रसाद वल्द व्दारिकाप्रसाद	PRIVATE LAND	
140.	269	GOVT.LAND	GOVT.LAND	0.100

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
141.	270	रामखेलावनवलद सूर्यदीन	PRIVATE LAND	0.017
		Total		6.580

C] Village :Badarkha, Tahsil: Amarpatan, Dist. Satna : BLOCK-3

a) Mineralized Area Land Owner List :

S.R. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
1.	200	मो. इस्ताक खां पि.लालखां	Private Land	0.077
2.	201/1	अजीजुन्निसा पत्नी सोहराव खाँ	Private Land	0.101
3.	201/2	सुलेमान खाँ पि.जब्बार खाँ	Private Land	
4.	202	मंजूरखां पि. जहूर खाँ	Private Land	0.049
5.	203	मंजूरखां पि. जहूर खाँ	Private Land	0.375
6.	206	सूफी वेवा सुवेदार खां सिरताज खां सहीजाद खां यखलाक खां नेवजिया पि.सुबेदार खां	Private Land	0.139
7.	207	सिरताजखां सहिजादखां एखलाक खां पि. सुवेदार खां	Private Land	0.429
8.	208	मकसूद खाँ पि मकवूल खाँ	Private Land	0.102
9.	212	पंजुम खाँ पि.मुनीर खाँ	Private Land	0.032
10.	213	सिरताजखां सहिजादखां एखलाक खां पि. सुवेदार खां	Private Land	0.156
11.	214	जुम्नन खां जाहिर खां पितासोहबत खां 1/2 मु.रहीसा बेगम बेबा मुनताज खां रहीसखां सहीद खां पिता मुनताज	Private Land	0.146
12.	215	सुभान खाँ पि.उसमान खाँ	Private Land	0.043
13.	216	तौहिद खाँ पि.बाहिद खाँ	Private Land	0.189
14.	235/1	कलीम खाँ पि.काले खाँ	Private Land	0.092
15.	235/2	मो. गौस खां वल्द मुनौअरखां	Private Land	
16.	236/1	कलीम खाँ पि.काले खाँ	Private Land	0.415
17.	236/2	मो. गौस खां वल्द मुनौअरखां	Private Land	
18.	236/3	फते मो. पि. यारमो.	Private Land	
19.	236/4	सूफी वेवा सुवेदार खां सिरताज खां सहीजाद खां यखलाक खां नेवजिया पि.सुबेदार खां	Private Land	
20.	237/1	सोहराव खां सुकिमान खांसलमान खां पि. जब्बार खां 1/2 तौहिदखां पि.वहिद खां मुनीरखां पि.हातिम खाँ	Private Land	0.046
21.	237/2/K	महफूज खाँ	Private Land	
22.	237/2/KH	महफूज खाँ पिता मसऊद खाँ	Private Land	
23.	238/1	मुस्ताक खाँ पि.लालखाँ	Private Land	0.573

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
24.	238/2/k	महफूज खाँ पिता मसऊद खाँ	Private Land	
25.	238/2/kh	महफूज खाँ पिता मसऊद खाँ	Private Land	
26.	246	मो. इसराक खाँ पि. लालखां	Private Land	0.569
27.	245/1	कलीम खाँ पि.काले खाँ	Private Land	
28.	245/2	मो. गौस खां वल्द मुनीअरखां	Private Land	
29.	245/3	फते मो. पि. यारमो.	Private Land	0.051
30.	245/4	सूफी देवा सुवेदार खां सिरताज खां सहीजाद खां यखलाक खां नेवजिया पि.सुबेदार खां	Private Land	
31.	251/1	मुमताज वेगम पुत्री सोहराव खाँ	Private Land	
32.	251/2	राजीयावेगम पुत्री सोहराव खाँ	Private Land	0.011
33.	252	तमजौद खाँ पि. मुनीर खाँ	Private Land	0.113
34.	253	सुखरान खाँ पि.हकीम खाँ	Private Land	0.147
35.	254	जुम्मन खां जाहिर खां पितासोहबत खां 1/2 मु.रहीसा बेगम बेबा मुनताज खां रहीसखां सहीद खां पिता मुनताज	Private Land	0.085
36.	256/1	मु.हकीमुन्निशा बेवा सुफियान खाँ इस्लाम खाँ	Private Land	
37.	256/2	सुलेमान खाँ पि.जब्बार खाँ	Private Land	0.510
38.	240/274	मो. इस्ताक खां पि.लालखां	Private Land	0.070
<b>Total</b>				<b>4.520</b>

## b) Non Mineralized Area Land Owner List :

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
1.	235/1	कलीम खाँ पि.काले खाँ	Private Land	
2.	235/2	मो. गौस खां वल्द मुनीअरखां	Private Land	0.125
3.	246	मो. इसराक खाँ पि. लालखां	Private Land	0.161
4.	247/1/K/1	खलील खाँ पि.जलील खाँ	Private Land	
5.	247/1/K/2	हमीद खाँ पिता जलील खाँ	Private Land	0.388
6.	247/5	रहमान खाँ पि.सरवर खाँ	Private Land	
7.	247/1/kh	जहीरखां सहीर खां पि. रफीक खां मु. महसननिसा बेवा रफीकखां	Private Land	
8.	247/2	मु.हकीमुन्निशा बेवा सुफियान खाँ इस्लाम खाँ पिता सुफियान खाँ	Private Land	

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
9.	247/3	रमूलखां पि. अहमंदखा	Private Land	
10.	247/4	जुम्मन खां जाहिर खां पितासोहबत खां 1/2 मु. रहीसा बेगम बेबा मुनताज खां रहीसखां सहीद खां पिता मुनताज	Private Land	
11.	251/1	मुमताज वेगम पुत्री सोहराव खाँ	Private Land	0.073
12.	251/2	राजीयावेगम पुत्री सोहराव खाँ	Private Land	
13.	249	सहवान खाँ पि सरवर खाँ	Private Land	0.116
14.	250	शासकीय	Govt. Land	0.002
15.	252	तमजीद खाँ पि. मुनीर खाँ	Private Land	0.069
16.	254	जुम्मन खां जाहिर खां पितासोहबत खां 1/2 मु. रहीसा बेगम बेबा मुनताज खां रहीसखां सहीद खां पिता मुनताज	Private Land	0.065
17.	255	शासकीय	Govt. Land	0.138
18.	256/1	मु. हकीमुन्निसा बेबा सुफियान खाँ इस्लाम खाँ	Private Land	
19.	256/2	सुलेमान खाँ पि. जब्बार खाँ	Private Land	0.303
			<b>Total</b>	<b>1.44</b>

D] Village : Bigaudi, Tahsil: Amarpatan, Dist. Satna : BLOCK-4

a) Mineralized Area Land Owner List :

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
1.	672	गीतादेवी पत्नी चन्द्रिका प्रसाद	Private Land	0.052
2.	673	गीतादेवी पत्नी चन्द्रिका प्रसाद	Private Land	0.439
3.	674/1	रामप्रसाद पि. रामराज	Private Land	0.081
4.	674/2/1	लालजी पि. देवराज	Private Land	
5.	674/2/2	दयाशंकर पिता देवराज पाण्डेय	Private Land	
6.	675	लालजी पि. देवराज	Private Land	0.020
7.	676/1	बुद्धसेन-रामसुरेश-रमेश-दिनेश झुल्लू पिता राम-गोपाल सा. देह	Private Land	1.263
8.	676/2	रामनरेश हीरालाल पि. रामस्वरूप सा. देह	Private Land	
9.	679/1	काशी पिता कालू	Private Land	0.483
10.	679/kh	वाबूलाल पि. कालू	Private Land	
11.	679/2	शुभकरण प्रसाद पिता गुरुदयाल	Private Land	
12.	679/3	लक्ष्मिन पिता गुरुदयालसा. देह	Private Land	
13.	679/4	जलेविया पत्नी रामसनेही राकेश कुमार अनिल कुमार पिता रामसनेही शिवकुमार पिता पैसुनी	Private Land	
14.	679/5	सखिया पत्नी दमडी देवराज गोमती प्रसाद पिता दमडी अयोध्या गंगा दीनानाथ	Private Land	
15.	684/1/g	रामकुमार रामसिया राम-संकोची रामलखन पिता विशेषर सा. देह	Private Land	0.643
16.	684/2/g	राकेश पिता रधुनाथदीन	Private Land	
17.	684/k		Private Land	
18.	684/1/k	लोकनाथ पि. झूरू	Private Land	
19.	684/1/k/1	लोकनाथ पि. झूरू	Private Land	
20.	684/1/k/2	रामनाथ पिता रामभुवन	Private Land	
21.	684/1/k/3	उमेश पिता रामभुवन	Private Land	
22.	684/1/k/4	अखिलेश पिता रामानुज	Private Land	
23.	684/1/k/5	जीतेन्द्र पिता रामभुवन	Private Land	
24.	684/1/k/6	प्रमोद कुमार पिता रामानुज	Private Land	
25.	684/2/k	सुरेश पिता रधुनाथदीन	Private Land	
26.	684/1/kh	हकुमलाल पिता बैजनाथ राजेश पिता नकछेदी	Private Land	

SR. NO.	KHASRA NO.	LAND WONER.	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
		लाल		
27.	685/2/K	मंसूर खाँ याकून खां सा वदरखां	Private Land	0.220
28.	685/1	मंसूरखां पिता जहूरखांसा. वदरखां	Private Land	
29.	686/1	शिवानन्द पिता रामाश्रय	Private Land	0.186
30.	686/2	शुभकरण प्रसाद पिता गुरुदयाल	Private Land	
31.	686/3	जलेविया पत्नी रामसनेही राकेश कुमार अनिल कुमार पिता रामसनेही शिवकुमार पिता पैसुनी	Private Land	
32.	686/4/k	सुरेश पिता रधुनाथदीन	Private Land	
33.	686/4/kh	कौशल पिता रधुनाथदीन	Private Land	
34.	686/4/g	राकेश पिता रधुनाथदीन	Private Land	
35.	686/5	विहारीलाल पिता जुगुल प्रसाद	Private Land	
36.	686/5/1	श्रीनिवास पिता बिहारीलाल	Private Land	
37.	686/5/2	नारेन्द्र प्रसाद पिता बिहारी लाल	Private Land	
38.	686/6	मु कल्ली वेवा रामेश्वर श्यामलाल रामकिशोर कमलेश ब्रजेश राजमणि पिता रामेश्वरसा.देह	Private Land	
39.	686/7	सुदर्शन प्रसाद पिता जमुना प्रसाद	Private Land	
40.	686/8	फूलमती पति राजेन्द्र प्रसाद	Private Land	
41.	687/1	चन्द्रिकाप्रसाद	Private Land	
42.	687/1/2	सूर्यभान पिता रामलाल	Private Land	
43.	687/2	मु.संतोष बेबा रामसुमिरन,रमेशकुमार पिता रामसुमिरन	Private Land	
44.	687/3	रामशिरोमणि पि.सहादेव	Private Land	
<b>Total</b>				<b>3.600</b>

b) Non Mineralized Area Land Owner List :

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
1.	673	गीतादेवी पत्नी चन्द्रिका प्रसाद	Private Land	0.640
2.	674/1	रामप्रसाद पि.रामराज	Private Land	0.994
3.	674/2/1	लालजी पि.देवराज	Private Land	
4.	674/2/2	दयाशंकर पिता देवराज पाण्डेय	Private Land	

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
5.	675	लालजी पि.देवराज	Private Land	0.016
6.	676/1	बुहसेन-रामसुरेश-रमेश-दिनेश झुल्लू पिता राम-गोपाल सा. देह	Private Land	0.200
7.	676/2	रामनरेश हीरालाल पि.रामस्वरूप सा.देह	Private Land	
8.	679/1	काशी पिता कालू	Private Land	
9.	679/kh	वाबूलाल पि.कालू	Private Land	0.247
10.	679/2	शुभकरण प्रसाद पिता गुरुदयाल	Private Land	
11.	679/3	लक्ष्मिन पिता गुरुदयालसा. देह	Private Land	
12.	679/4	जलेविया पत्नी रामसनेही राकेश कुमार अनिल कुमार पिता रामसनेही शिवकुमार पिता पैसुनी	Private Land	
13.	679/5	सखिया पत्नी दमडी देवराज गोमती प्रसाद पिता दमडी अयोध्या गंगा दीनानाथ	Private Land	
14.	680/1	शिवानन्द पिता रामाश्रय	Private Land	
15.	680/2	मु कल्ली वेवा रामेश्वर श्यामलाल रामकिशोर कमलेश ब्रजेश राजमणि पिता रामेश्वरसा.देह	Private Land	0.034
16.	680/3	सुदर्शन प्रसाद पिता जमुना प्रसाद	Private Land	
17.	680/4	फूलमती पति राजेन्द्र प्रसाद	Private Land	
18.	682/1	शिवानन्द पिता रामाश्रय	Private Land	
19.	682/2	मु कल्ली वेवा रामेश्वर श्यामलाल रामकिशोर कमलेश ब्रजेश राजमणि पिता रामेश्वरसा.देह	Private Land	0.174
20.	682/3	सुदर्शन प्रसाद पिता जमुना प्रसाद	Private Land	
21.	682/4	फूलमती पति राजेन्द्र प्रसाद	Private Land	
22.	683/1	NA	Private Land	
23.	683/1/KH/1	शिवकुमार पि.छकौड़ी प्रसाद	Private Land	
24.	683/1/KH/2	मु.मुन्नीदेवी बेवा सौखीलाल आरती भारती पंकज नावा.बली माँ मुन्नीदेवी	Private Land	0.020
25.	683/2	रामसिया पिता विशेषर	Private Land	
26.	684/1/g	रामकुमार रामसिया राम-संकोची रामलखन पिता विशेषर सा. देह	Private Land	
27.	684/2/g	राकेश पिता रधुनाथदीन	Private Land	
28.	684/k		Private Land	0.150
29.	684/1/k	लोकनाथ पि.झरू	Private Land	
30.	684/1/k/1	लोकनाथ पि.झरू	Private Land	

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
31.	684/1/k/2	रामनाथ पिता रामभुवन	Private Land	
32.	684/1/k/3	उमेश पिता रामभुवन	Private Land	
33.	684/1/k/4	अखिलेश पिता रामानुज	Private Land	
34.	684/1/k/5	जीतेन्द्र पिता रामभुवन	Private Land	
35.	684/1/k/6	प्रमोद कुमार पिता रामानुज	Private Land	
36.	684/2/k	सुरेश पिता रघुनाथदीन	Private Land	
37.	684/1/kh	हुकुमलाल पिता बैजनाथ राजेश पिता नकछेदी लाल	Private Land	
38.	684/2/kh	कौशल पिता रघुनाथदीन	Private Land	
39.	684/3	विहारीलाल पिता जुगुल प्रसाद	Private Land	
40.	684/3/1	श्रीनिवास पिता बिहारीलाल	Private Land	
41.	684/3/2	नारेन्द्र प्रसाद पिता बिहारी लाल	Private Land	
42.	686/1	शिवानन्द पिता रामाश्रय	Private Land	
43.	686/2	शुभकरण प्रसाद पिता गुरुदयाल	Private Land	
44.	686/3	जलेविया पत्नी रामसनेही राकेश कुमार अनिल कुमार पिता रामसनेही शिवकुमार पिता पैसुनी	Private Land	
45.	686/4/k	सुरेश पिता रघुनाथदीन	Private Land	
46.	686/4/kh	कौशल पिता रघुनाथदीन	Private Land	
47.	686/4/g	राकेश पिता रघुनाथदीन	Private Land	0.294
48.	686/5	विहारीलाल पिता जुगुल प्रसाद	Private Land	
49.	686/5/1	श्रीनिवास पिता बिहारीलाल	Private Land	
50.	686/5/2	नारेन्द्र प्रसाद पिता बिहारी लाल	Private Land	
51.	686/6	मु कल्ली वेवा रामेश्वर श्यामलाल रामकिशोर कमलेश ब्रजेश राजमणि पिता रामेश्वरसा.देह	Private Land	
52.	686/7	सुदर्शन प्रसाद पिता जमुना प्रसाद	Private Land	
53.	686/8	फूलमती पति राजेन्द्र प्रसाद	Private Land	
54.	688	केठानी देमान पिता धनुस-धारी	Private Land	0.222
55.	689/1	मंगलदीन रामगोपाल लोकनाथपिता सुखदेव रा.जानकीराम	Private Land	0.182
56.	690	रामनरेश हीरालाल पि.रामस्वरुप सा.देह	Private Land	0.290
57.	691/1/k/1	रामाधर तनय रामस्खा	Private Land	
58.	691/1/k/2	रामाश्रय पि. वृजवासी	Private Land	0.408

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
59.	691/2/1	प्रभुप्रताप पि. रामफल	Private Land	
60.	691/2/2	जीतेन्द्र प्रताप पि. रामफल	Private Land	
61.	692/1	मु कल्ली वेवा रामेश्वर श्यामलाल रामकिशोर कमलेश ब्रजेश राजमणि पिता रामेश्वरसा.देह	Private Land	0.824
62.	692/2	शिवानन्द पिता रामाश्रय	Private Land	
63.	693	बुद्धसेन-रामसुरेश-रमेश-दिनेश झुल्लू पिता राम-गोपाल सा. देह	Private Land	0.188
64.	694	रामसिया पिता नर्वदा राम	Private Land	0.121
65.	695/1	रामदेव पिता छकोडी	Private Land	
66.	695/2	रामदेव पिता छकोडी राम	Private Land	0.061
67.	697/2/1	प्रभुप्रताप पि. रामफल	Private Land	
68.	697/2/2	जीतेन्द्र प्रताप पि. रामफल	Private Land	0.352
69.	698/2	संगीता पत्नी रावेन्द्र प्रसाद	Private Land	
70.	698/1	मंसूरखां पिता जहूरखांसा. वदरखां	Private Land	0.257
71.	699/1	फूलमती पति राजेन्द्र प्रसाद	Private Land	
72.	699/2	सुदर्शन प्रसाद पिता जमुना प्रसाद	Private Land	0.053
73.	700/1	सुदर्शन प्रसाद पिता जमुना प्रसाद	Private Land	
74.	700/2	सुदर्शन प्रसाद पिता जमुना प्रसाद	Private Land	0.348
75.	701/2/1	प्रभुप्रताप पि. रामफल	Private Land	
76.	701/2/2	जीतेन्द्र प्रताप पि. रामफल	Private Land	0.305
77.	703/1	प्रभुप्रताप पि. रामफल	Private Land	
78.	703/2	जीतेन्द्र प्रताप पि. रामफल	Private Land	0.352
79.	705	मु. रामरती बेबा मंगलदीनपैसुनिया चन्द्रवती-श्यामवती पुन्नी मंगलदीन लोकनाथपि. सुखदेव सा. देह	Private Land	0.028
80.	707	तेरसिया पत्नी शिवप्रसाद	Private Land	0.141
81.	706	तेरसिया पत्नी शिवप्रसाद	Private Land	0.133
82.	708/1	बुद्धसेन-रामसुरेश-रमेश-दिनेश झुल्लू पिता राम-गोपाल सा. देह	Private Land	0.010
83.	708/2	मनोज कुमार पिता सुदर्शन प्रसाद	Private Land	
84.	710	मु. रामरती बेबा मंगलदीनपैसुनिया चन्द्रवती-श्यामवती पुन्नी मंगलदीन लोकनाथपि. सुखदेव सा. देह	Private Land	0.018

**DGPS SURVEY REPORT FOR BADARKHA MINE BLOCK**  
**MECON LIMITED**

SR. NO.	KHASRA NO.	LAND WONER	TYPE OF LAND	AREA TO BE ACQUIRED (HA)
85.	711/1	प्रदीप कुमार पिता सुदर्शन प्रसाद	Private Land	0.138
			<b>Total</b>	<b>7.200</b>

*Certified*

*[Signature]*  
Director  
Geology & Mining  
Madhya Pradesh

**ANNEXURE-III**  
**MINING PLAN APPROVAL**  
**LETTER**

भारत सरकार  
खान मंत्रालय  
भारतीय खान ब्यूरो  
क्षेत्रीय खान नियंत्रक का कार्यालय



GOVERNMENT OF INDIA  
MINISTRY OF MINES  
INDIAN BUREAU OF MINES  
O/O THE REGIONAL CONTROLLER OF MINES

फा0 स0 - MP/Satna/Limestone/MPLN/G-16/2020-21 4148

जबलपुर, दिनांक : 5/03/2021

प्रति,

डालमिया सीमेंट (भारत) लिमिटेड,  
11<sup>वीं</sup> एवं 12<sup>वीं</sup> तल, हंसल्या भवन,  
15, बाराखम्बा रोड, नई दिल्ली - 110001

विषय:- म0 प्र0 राज्य के सतना जिले में स्थित आपकी बंदरखा (BANDRAKHA) लाइमस्टोन ब्लॉक (क्षेत्र 121.10 हे0) के लिये आपके द्वारा खनिज रियायत नियमावली-2016 के नियम 16(1) के अंतर्गत खनन पट्टा आवंटन हेतु जमा किए गए माइनिंग प्लान का अनुमोदन।

- संदर्भ :- 1) आपका/क्यू0 पी0 का पत्र क्रमांक- कुछ नहीं, दि0- 14/12/2020, प्रक्रिया शुल्क की रसीद संख्या जे-241, दि0 23/12/2020 ।  
2) इस कार्यालय का समसंख्यक पत्र दि0 09/02/2021 ।  
3) आपका/क्यू0 पी0 का पत्र क्रमांक- कुछ नहीं, दि0- 15/02/2021 ।  
4) मध्य प्रदेश शासन, खनिज साधन विभाग, मंत्रालय का पत्र क्र0 - एफ 3-10/2020/12/1, भोपाल, दिनांक - 17/09/2020 ।

महोदय,

In exercise of the powers conferred by the Clause (b) of Sub-section (2) of Section 5 of Mines and Minerals (Development and Regulation) Amendment Act, 2015 read with Government of India Order no. S.O.1857(E), dated 18/05/2016, I hereby **approve** the above said Mining Plan including Progressive Mine Closure Plan submitted under Rule 16(1) of Minerals (Other than Atomic and Hydrocarbons Energy Minerals) Concession Rules, 2016. This approval is subject to the following conditions:

- 1 The Mining Plan is approved without prejudice to any other law applicable to the mine area from time to time whether made by the Central Government, State Government or any other authority and without prejudice to any order or direction from any court of competent jurisdiction.
- 2 The proposals shown on the plates and/or given in the document is based on the lease map /sketch submitted by the applicant/ lessee and is applicable from the date of approval.
- 3 It is clarified that the approval of aforesaid Mining Plan does not in any way imply the approval of the Government in terms of any other provision of Mines & Minerals (Development & Regulation) Amendment Act, 2015, or the Minerals (Other than Atomic and Hydro Carbons Energy Minerals) Concession Rules, 2016 and any other laws including Forest (Conservation) Act, 1980, Environment (Protection) Act, 1986 or the rules made there under, Mines Act, 1952 and Rule & Regulations made there under.
- 4 Indian Bureau of mines has not undertaken verification of the mining lease boundary on the ground and does not undertake any responsibility regarding correctness of the boundaries of the precise area as furnished by the applicant /lessee.
- 5 At any stage, if it is observed that the information furnished, data incorporated in the document are incorrect or misrepresent facts, the approval of the document shall be revoked with immediate effect.
- 6 Refer rule 27 of Mineral Conservation & Development Rules, 2017, the **Lessee should submit the Financial Assurance** (if applicable or submit copy of Mine Development and Production Agreement with State Govt.) to the Regional Controller of Mines, Indian Bureau of Mines, Jabalpur **before executing the mining lease deed.**
- 7 If the approval conflicts with any other law or court order/direction under any statute, it shall be revoked immediately.
- 8 Ref. Sr. No.4 - Office of the Mineral Resources Department, Bhopal Letter No.- F 3-10/2020/12/1, Bhopal, Dated 17/09/2020 (principal approval given for granting of lease given by the Under Secretary, Mineral Resources Department, M. P. Government ). **This approval is as per LOI issued on dated- 17/09/2020.**
- 9 If any comments are received from the State Govt. then the necessary action as per comments shall be taken immediately.
- 10 The Applicant/lessee has to comply with the terms & conditions laid down in the LOI issued by the State Government.

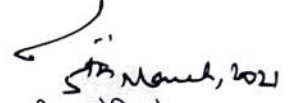
संलग्न:- अनुमोदित खनन योजना की दो प्रतियों के साथ।

भवदीय,

( रजनीश पुरोहित )  
क्षेत्रीय खान नियंत्रक  
भारतीय खान ब्यूरो, जबलपुर

प्रतिलिपि :-

- 1) संचालक, संचालनालय भौमिकी तथा खनिकर्म, 'खनिजभवन' 29-ए, अरेरा हिल्स, भोपाल (म0प्र0) 462011, को इस आशय के साथ कि :-
  - (i) राज्य शासन इस खनन पट्टा निष्पादन के पूर्व कृपया यह सुनिश्चित करें कि आवेदक द्वारा खनिज संरक्षण एवं विकास नियमावली, 2017 के नियम 27 के अन्तर्गत वित्तीय आश्वासन, क्षेत्रीय खान नियंत्रक कार्यालय भारतीय खान ब्यूरो, जबलपुर में प्रस्तुत किया गया है ( यदि लागू हो तो ) अथवा खनन पट्टा निष्पादन के पूर्व राज्य सरकार यह सुनिश्चित करें कि आवेदक द्वारा खान विकास एवं उत्पादन समझौता राज्य सरकार के साथ किया गया है
  - (ii) यह अनुमोदन राज्य सरकार के पत्र क्रमांक - एफ 3-10/2020/12/1, भोपाल, दिनांक - 17/09/2020 के संदर्भ में दिया जा रहा है तथा खनन पट्टा निष्पादन के पूर्व सभी नियमों एवं विनयमों की जाँच ( जो राज्य सरकार द्वारा की जानी है ) भारतीय खान ब्यूरो द्वारा नहीं की गई है।
- 2) श्री विक्रान्त सराफ, (Mining Engineer), डालमिया सीमेंट (भारत) लिमिटेड, 11<sup>म</sup> एवं 12<sup>म</sup> तल, हंसल्या भवन, 15, बाराखम्बा रोड, नई दिल्ली - 110001 को सूचनार्थ प्रेषित।  
e-mail- saraf.vikrant@dalmiabharat.com
- 3) श्री मलय मारुता मडुली, (Geologist), डालमिया सीमेंट (भारत) लिमिटेड, 11<sup>म</sup> एवं 12<sup>म</sup> तल, हंसल्या भवन, 15, बाराखम्बा रोड, नई दिल्ली - 110001 को सूचनार्थ प्रेषित।  
e-mail- muduli.malaya@dalmiabharat.com

  
( रजनीश पुरोहित )  
क्षेत्रीय खान नियंत्रक  
भारतीय खान ब्यूरो, जबलपुर