

PRE-FEASIBILITY REPORT FOR

AMANGANJ LIMESTONE MINE (ML Area 1793.59 Ha)

At

**Villages - Beli, Baraha Kala, Hinauti, Tehsil: Gunaur
Villages: Chikalhai, Daharra, Gaura, Hinouta Mishra,
Kanti, Mahewa, Patelpura, Pawaiya, Tehsil: Amanganj
District: Panna, State: Madhya Pradesh**



APPLICANT

**M/s. Eco Cements Limited, 1E, 1st Floor,
Ashutosh Apartment,
295/2 GT Road Howrah WB 711327 IN
Email- ba.ecoplus@gmail.com**

CONTENT LIST

S. NO.	CONTENTS	PAGE NO.
1.0	EXECUTIVE SUMMARY	1
2.0	INTRODUCTION OF THE PROJECT/ BACKGROUND INFORMATION	3
	(i) IDENTIFICATION OF PROJECT & PROJECT PROPONENT	3
	(ii) BRIEF DESCRIPTION OF NATURE OF THE PROJECT	4
	(iii) NEED FOR THE PROJECT & ITS IMPORTANCE TO THE COUNTRY /REGION	4
	(iv) DEMAND-SUPPLY GAP	5
	(v) IMPORTS VS. INDIGENOUS PRODUCTION	5
	(vi) EXPORT POSSIBILITY	5
	(vii) DOMESTIC/EXPORT MARKETS	5
	(viii) EMPLOYMENT GENERATION (DIRECT AND INDIRECT) DUE TO THE PROJECT	5
3.0	PROJECT DESCRIPTION	6
	(i) TYPE OF PROJECT INCLUDING INTERLINKED AND INDEPENDENT PROJECTS, IF ANY	6
	(ii) LOCATION (MAP SHOWING GENERAL LOCATION, SPECIFIC LOCATION, AND PROJECT BOUNDARY & PROJECT SITE LAYOUT) WITH COORDINATES	6
	(iii) DETAILS OF ALTERNATIVE SITE CONSIDERATION AND BASIS OF SELECTING THE PROPOSED SITE PARTICULARLY THE ENVIRONMENTAL CONSIDERATIONS GONE SHOULD BE HIGHLIGHTED	8
	(iv) SIZE OR MAGNITUDE OF OPERATION	8
	(v) PROJECT DESCRIPTION WITH PROCESS DETAILS (A SCHEMATIC DIAGRAM/ FLOW CHART SHOWING THE PROJECT LAYOUT, PROJECT COMPONENTS SHOULD BE GIVEN)	8
	(vi) RAW MATERIAL REQUIRED ALONG WITH ESTIMATED QUANTITY, LIKELY SOURCE, MARKETING AREA OF FINAL PRODUCTS, MODE OF TRANSPORT OF RAW MATERIAL AND FINISHED PRODUCT	14
	(vii) RESOURCES OPTIMIZATION/ RECYCLING AND REUSE ENVISAGED IN THE PROJECT, IF ANY, SHOULD BE BRIEFLY OUTLINED	14
	(viii) AVAILABILITY OF WATER ITS SOURCE, ENERGY /POWER REQUIREMENT AND SOURCE SHOULD BE GIVEN	14
	(ix) QUANTITY OF WASTE TO BE GENERATED (LIQUID AND SOLID) AND SCHEME FOR THEIR MANAGEMENT/DISPOSAL	14
4.0	SITE ANALYSIS	15
	(i) CONNECTIVITY	15
	(ii) LAND FORM, LAND USE AND LAND OWNERSHIP	15
	(iii) TOPOGRAPHY AND DRAINAGE	15
	(iv) 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	16

S. NO.	CONTENTS	PAGE NO.
	NOTIFIED INDUSTRIAL AREA, A COPY OF THE GAZETTE NOTIFICATION	
	(v) EXISTING INFRASTRUCTURE	19
	(vi) SOIL CLASSIFICATION	19
	(vii) CLIMATIC DATA FROM SECONDARY SOURCES	19
	(viii) SOCIAL INFRASTRUCTURE AVAILABLE	19
5.0	PLANNING BRIEF	19
	(i) PLANNING CONCEPT (TYPE OF INDUSTRIES, FACILITIES, AND TRANSPORTATION ETC.) TOWN AND COUNTRY PLANNING/DEVELOPMENT AUTHORITY CLASSIFICATION	19
	(ii) POPULATION PROJECTION	20
	(iii) LAND USE PLANNING	20
	(iv) ASSESSMENT OF INFRASTRUCTURE DEMAND (PHYSICAL & SOCIAL)	20
	(v) AMENITIES/FACILITIES	20
6.0	PROPOSED INFRASTRUCTURE	21
	(i) INDUSTRIAL AREA (PROCESSING AREA)	21
	(ii) RESIDENTIAL AREA (NON PROCESSING AREA)	21
	(iii) GREEN BELT DEVELOPMENT	21
	(iv) SOCIAL INFRASTRUCTURE	21
	(v) CONNECTIVITY	21
	(vi) DRINKING WATER MANAGEMENT (SOURCE & SUPPLY OF WATER)	22
	(vii) SEWERAGE SYSTEM	22
	(viii) INDUSTRIAL WASTE MANAGEMENT	22
	(ix) SOLID WASTE MANAGEMENT	22
	(x) POWER REQUIREMENT & SUPPLY/SOURCE	23
7.0	REHABILITATION AND RESETTLEMENT (R & R) PLAN	23
	(i) POLICY TO BE ADOPTED (CENTRAL/STATE)IN RESPECT OF THE PROJECT AFFECTED PERSONS INCLUDING HOME OUSTEES, LAND OUSTEES AND LANDLESS LABORERS (BRIEF OUTLINE TO BE GIVEN)	23
8.0	PROJECT SCHEDULE & COST ESTIMATES	23
	(i) LIKELY DATE OF START OF CONSTRUCTION AND LIKELY DATE OF COMPLETION (TIME SCHEDULE FOR THE PROJECT TO BE GIVEN)	23
	(ii) ESTIMATED PROJECT COST ALONG WITH ANALYSIS IN TERMS OF ECONOMIC VIABILITY OF THE PROJECT	23
9.0	ANALYSIS OF PROPOSAL	23

LIST OF TABLES

TABLE NO.	NAME	PAGE NO.
1.	SALIENT FEATURES OF THE PROJECT	1
2.	DETAILS OF MANPOWER	5
3.	LOCATION DETAILS	6
4.	LOCAL GEOLOGICAL SUCCESSION OF THE AREA	9
5.	GEOLOGICAL SUCCESSION	9
6.	AREA COVERED AND CORRESPONDING RESOURCES OF LIMESTONE	11
7.	EXCAVATION DETAILS (IN MILLION TONNES)	11
8.	STAGE OF LAND USE PATTERN (IN Ha)	12
9.	GREENBELT/ AFFORESTATION AND REHABILITATION PROGRAMME	13
10.	YEAR WISE TOP SOIL AND OVERBURDEN GENERATION	13
11.	ENVIRONMENTAL SETTINGS DETAILS	16

LIST OF FIGURES

FIGURE NO.	NAME	PAGE NO.
1.	LOCATION MAPSHOWING GENERAL LOCATION, SPECIFIC LOCATION, PROJECT BOUNDARY & PROJECT SITE LAYOUT	7
2.	MINING FLOW CHART	10
3.	MAP SHOWING ENVIRONMENTAL SETTINGS OF THE STUDY AREA	18

ANNEXURES LIST

S. NO	ANNEXURE	ANNEXURE NO.
1.	KHASRA MAP	I
2.	LEASE DOCUMENTS	II
3.	MINING PLAN APPROVAL LETTER	III
4.	NOC CGWA	IV



PRE-FEASIBILITY REPORT

1.0 EXECUTIVE SUMMARY

M/s. Eco Cements Limited (ECL) has proposed Amanganj Limestone Mine (ML Area: 1793.59 ha) with Proposed Limestone: 3.75 Million TPA, Top Soil: 0.40 Million TPA & OB/IB: 9.60 Million TPA (Total Excavation: 13.75 Million TPA) along with installation of 1600 TPH Capacity of Crusher at Villages: Beli, Baraha Kala, Hinouti, Tehsil: Gunour and Villages: Chikalhai, Daharra, Gaura, Hinouta Mishra, Kanti, Mahewa, Patelpura, Pawaiya, Tehsil: Amanganj, District: Panna, State: Madhya Pradesh.

**Table – 1
SALIENT FEATURES OF THE PROJECT**

S. No.	Particular	Details
A.	Nature of the Project	Amanganj Limestone Mine
B.	Size of the Project	
1.	Mining Lease Area	1793.59 ha
2.	Proposed Limestone Production capacity	Total Excavation: 13.75 Million TPA; Limestone: 3.75 Million TPA, Top Soil: 0.40 Million TPA & OB/IB: 9.60 Million TPA Crusher: 1600 TPH
C.	Location Details	
1.	Villages	Gunour Tehsil: Beli, Baraha Kala, Hinouti Amanganj Tehsil: Chikalhai, Daharra, Gaura, Hinouta Mishra, Kanti, Mahewa, Patelpura, Pawaiya
2.	Tehsil	Gunour and Amanganj
3.	District	Panna
4.	State	Madhya Pradesh
5.	Latitude & Longitude	Latitude – 24°23'10.44"N to 24°28'34.00"N Longitude - 80°04'21.03"E to 80°11'38.65"E
7.	Toposheet No.	Core zone: G44U3 Buffer zone: G44U2, G44U3, G44U6, G44U7, G44T15
D.	Cost Details	
1.	Total Project Cost	Rs. 400 Crores
E.	Requirements of The Project	
1.	Water Requirement	250 KLD Source: Ground water, Rain Water Harvesting and Mine sump water as & when developed
2.	Power Requirement	2 MW which will be sourced from Clinkerzation Plant & from State Electricity Board
3.	Man Power Requirement	Total: 147 Persons

Source: Approved Mining Plan

ENVIRONMENT MANAGEMENT PLAN

A. Air Quality Management

- The drilling machine will be equipped with wet drilling arrangements.
- Controlled blasting will be adopted.
- Rock breaker will be used in place of secondary blasting.
- Avoiding blasting during high wind periods.
- Water sprinkling before blasting is proposed.
- Haul roads & loading & unloading areas will be regularly sprayed with water.
- All mines road from loading to destination place (dumping site) will be maintained properly with motor grader and regular water spraying will be done.
- Regular maintenance of HEMMs & transportation vehicles will be done.
- Vehicular emissions will be kept under norms.
- The emissions levels will be monitored regularly.
- Limestone will be transported from crusher to cement plant.
- Total 13 Culverts & underpass also proposed to be constructed for transportation of mineral from one block to another over nallahs and cart-tracks / village roads.
- Personal Protective Equipment like dust masks will be provided to all employees.
- Development of green belt/plantation around mine boundary, roads and other places will be carried out to control the air pollution.
- Regular ambient air quality monitoring will be carried out.

B. Water Quality Management

Ponds: There are around 08 nos of ponds nearby the lease area. Lease was already granted after excluding the ponds along with its 50 m safety barriers. Ponds will not be disturbed during the mining activities.

Seasonal Nallah: Seasonal nallahs are passing through the excluded or non-mining zone of the lease area. Safety barriers of 50 m along both sides of the nallah have been left. Protective bunds of 1.5m width and 3m height along the entire length of nallah will be constructed. Plantation will be done for stabilization of bunds. For crossing seasonal nallah, culverts will be constructed for the vehicle transporting limestone without affecting the natural course of nallah. Natural Drains flowing inside the lease area will not be disturbed by the mining activity. Garland drains/storm water drains along with siltation ponds at regular intervals will be constructed through proper plan and regularly desilted and well maintained. Check dams will be constructed across the seasonal nallah to prevent sedimentation/siltation of natural water courses with prior permission from Concerned Authority.

Waste Water: Waste water generated from mine office, rest shelters etc. will be disposed in soak pit via septic tank. Oil – Water separator will be provided at the workshop and treated water will be re-cycled for equipment washing & dust suppression etc.

C. Noise Level Management

- Drilling will be carried out with the help of sharp drill bits which help in reducing noise.
- Closed cabin will be provided for drill operator.
- The blasting will be carried out during favorable atmospheric condition and less human activity timing i.e. during lunch interval or during change of shifts.
- Proper maintenance, oiling and greasing of machines at regular intervals will be done to reduce generation of noise.
- Adequate silencers will be provided in all the diesel engines.
- Acoustic cabin in HEMM will protect the operator from high noise activity.
- Green Belt/Plantation will be developed around the mining activity area and along haul roads. The plantation minimizes propagation of noise.
- Periodical monitoring of noise will be done.

D. Greenbelt/ Plantation

- The total mining lease area is 1793.59 ha.
- Greenbelt & plantation along the safety zone will be developed on 25.50 ha area during plan period & at conceptual stage it will cover 154 ha area.
- At conceptual stage, 930.05 ha area will be reclaimed by backfilling and same will be rehabilitated by regrassing/plantation. Therefore, the total area under green belt/ plantation is 1084.05 ha.
- Local and fruit bearing species will be planted after consultation with local forest officer and as per CPCB guidelines.
- Density of plantation would be 1500 trees/ha.

2.0 INTRODUCTION OF THE PROJECT/ BACKGROUND INFORMATION

(i) IDENTIFICATION OF PROJECT AND PROJECT PROPONENT

➤ IDENTIFICATION OF PROJECT

M/s. Eco Cements Limited is proposing Amanganj Limestone Mine (ML Area: 1793.59 ha) with Limestone: 3.75 Million TPA, Top Soil: 0.4 Million TPA & OB/IB: 9.60 Million TPA (Total Excavation: 13.75 Million TPA) along with installation of 1600 TPH Capacity of Crusher at Villages: Beli, Baraha Kala, Hinouti, Tehsil: Gunour and Villages: Chikalhai, Daharra, Gaura, Hinouta Mishra, Kanti, Mahewa, Patelpura, Pawaiya Tehsil: Amanganj, District: Panna, State: Madhya Pradesh.

➤ IDENTIFICATION OF PROJECT PROPONENT

- ✓ Eco Cements Limited was incorporated on 23rd May, 2007.
- ✓ The Eco Group Started in 1998 in the spiritual land of Ganges in Varanasi. Later in 2012, Eco Group installed One Million Tons per Annual State-of-art, cement manufacturing unit at

Bhabua, Bihar. In order to integrate further with the Indian Construction Industry, the group has come up with a fully automatic TMT Rolling Mill, with a capacity of 2 Lac Ton Per Annum at Chunar, U.P.

(ii) BRIEF DESCRIPTION OF THE NATURE OF PROJECT

M/s. Eco Cements Limited is proposing Amanganj Limestone Mine (ML Area: 1793.59 ha) with Limestone: 3.75 Million TPA, Top Soil: 0.4 Million TPA & OB/IB: 9.60 Million TPA (Total Excavation: 13.75 Million TPA) along with installation of 1600 TPH Capacity of Crusher at Villages: Beli, Baraha Kala, Hinouti, Tehsil: Gunour and Villages: Chikalhai, Daharra, Gaura, Hinouta Mishra, Kanti, Mahewa, Patelpura, Pawaiya Tehsil: Amanganj, District: Panna, State: Madhya Pradesh.

a. MINING LEASE STATUS

ECL obtained Prospecting License for exploration of limestone over 1826.19 ha area vide letter no. F-2-2/2011/12/1, Bhopal dated 16.04.2013 and Prospecting License was executed on 09.07.2013 for a period of two years by Mineral Resource Department, MP Govt. In order to cater the limestone for the Cement Plant, ECL applied mining lease for an area of 1826.19 ha on 31.12.2014.

Subsequently, Mineral Resource Department, MP Govt. issued the Letter of Intent (LOI) for 1793.59 ha area vide letter no. F-3-86/2015/12-1, Bhopal dated 06.02.2017 in favor of M/s. Eco Cements Ltd. Lease deed was granted vide letter no. F-3-86/2015/12-1, Bhopal dated 06.10.2018 and same was executed on 04.08.2019 & registered on 17.10.2019 for a period of 50 Years. **(Copy enclosed as Annexure II)**

b. SCREENING CATEGORY

As per EIA Notification dated 14th September, 2006 as amended from time to time, the project falls under Category “A”, Project or Activity 1(a) – 3.

c. STATUS OF MINING PLAN

Mining Plan along with Progressive Mine Closure Plan was approved by IBM vide letter no. MP/Panna/Limestone/MPLN/G-24/18-19/5890, dated 10.08.2018.

The ToR Application was submitted on 01.05.2020 & the Project was considered in 19th EAC Meeting held on 23.07.2020. The Committee after detailed deliberations returned the proposal in the present form and advised the Project Proponent to fragment the lease into different phases and revise the mining plan in consultation with IBM.

Therefore, Modified Mining Plan along with progressive mine closure plan further approved by IBM vide letter no. MP/Panna/Limestone/MPLN/MOD-04/2021-22, 5292, Jabalpur, dated 02.07.2021. **(Copy enclosed as Annexure III)**

(iii) NEED FOR THE PROJECT & ITS IMPORTANCE TO THE COUNTRY/REGION

- ✓ M/s. Eco Cements Limited have a proposal of putting up Cement Plant in Panna District of MP during initial phase with capacity of Clinker 2.5 MTPA.
- ✓ In order to meet the limestone requirement of the integrated cement plant, ECL is also

- ✓ proposing Amanganj Limestone Mine (ML Area: 1793.59 ha) with Proposed Limestone: 3.75 Million TPA, Top Soil: 0.4 Million TPA & OB/IB: 9.60 Million TPA (Total Excavation: 13.75 Million TPA) along with installation of 1600 TPH Capacity of Crusher at Villages: Beli, Baraha Kala, Hinauti, Tehsil: Gunaur and Villages: Chikalhai, Daharra, Gaura, Hinouta Mishra, Kanti, Mahewa, Patelpura, Pawaiya, Tehsil: Amanganj, District: Panna, State: Madhya Pradesh.
- ✓ The proposed project will prove beneficial in terms of socio-economic development as it will create employment opportunities to locals. Further, the average income level, which is the indicator of socio-economic status of households is expected to increase, which will ultimately result in better standard of living of the local people.
- ✓ With respect to the importance of the project to the nation, it can be well said that in a developing nation like India, cement makes a backbone for infrastructural development. Thus, keeping in mind this requirement, mining of limestone is necessary for the nation's growth.

(iv) DEMAND – SUPPLY GAP

The Limestone mined out from this Limestone mine will be used for captive purpose in the proposed Cement Plant of the company.

(v) IMPORT Vs. INDIGENOUS PRODUCTION

Limestone produced from the Amanganj Limestone Mine will be used for captive purpose in the proposed cement plant to meet raw material requirements.

(vi) EXPORT POSSIBILITY

There is no export facility as mine is proposed for captive use.

(vii) DOMESTIC/EXPORT MARKETS

Limestone produced from Amanganj Mine will be utilized for captive use in the proposed cement plant. Thus, there will be no other users for the limestone produced from this mine.

(viii) EMPLOYMENT GENERATION (DIRECT AND INDIRECT) DUE TO THE PROJECT

Total manpower for this mining project will be 147 persons. The proposed project presents vast opportunities of employment under various cadres, viz. management, supervisory, highly skilled, semi-skilled and unskilled workmen, casual; etc. Preference for employment will be given to locals as per their eligibility and qualification. However, the project will also generate indirect employment opportunities for the locals.

**Table -2
Details of Manpower**

S. No.	Category	Proposed
1	Highly Skilled	13
2	Skilled	65
3	Semi-skilled	64
4	Un-skilled	5
Total		147

Source: Approved Mining Plan with Progressive Mine Closure Plan, pg no. 109

3.0 PROJECT DESCRIPTION

(i) TYPE OF PROJECT INCLUDING INTERLINKED AND INDEPENDENT PROJECTS, IF ANY

M/s. Eco Cements Limited is proposing Amanganj Limestone Mine (ML Area: 1793.59 ha) with Proposed Limestone: 3.75 Million TPA, Top Soil: 0.4 Million TPA & OB/IB: 9.60 Million TPA (Total Excavation: 13.75 Million TPA) along with installation of 1600 TPH Capacity of Crusher at Villages: Beli, Baraha Kala, Hinouti, Tehsil: Gunour and Villages: Chikalhai, Daharra, Gaura, Hinouta Mishra, Kanti, Mahewa, Patelpura, Pawaiya Tehsil: Amanganj, District: Panna, State: Madhya Pradesh.

Interlinked Project: M/s. Eco Cements Limited have a proposal of putting up Cement Plant in Panna District of MP during initial phase with capacity of Clinker 2.5 MTPA.

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

**Table -3
Location Details**

1	Villages	Gunour Tehsil: Beli, Baraha Kala, Hinouti Amanganj Tehsil: Chikalhai, Daharra, Gaura, Hinouta Mishra, Kanti, Mahewa, Patelpura, Pawaiya
2	Tehsil	Gunour and Amanganj
3	District	Panna
4	State	Madhya Pradesh
5	Latitude and Longitude	Latitude - 24°23'10.44"N to 24°28'34.00"N Longitude - 80°04'21.03"E to 80°11'38.65"E
6	Toposheet No.	Core zone: G44U3, Buffer zone: G44U2, G44U3, G44U6, G44U7, G44T15

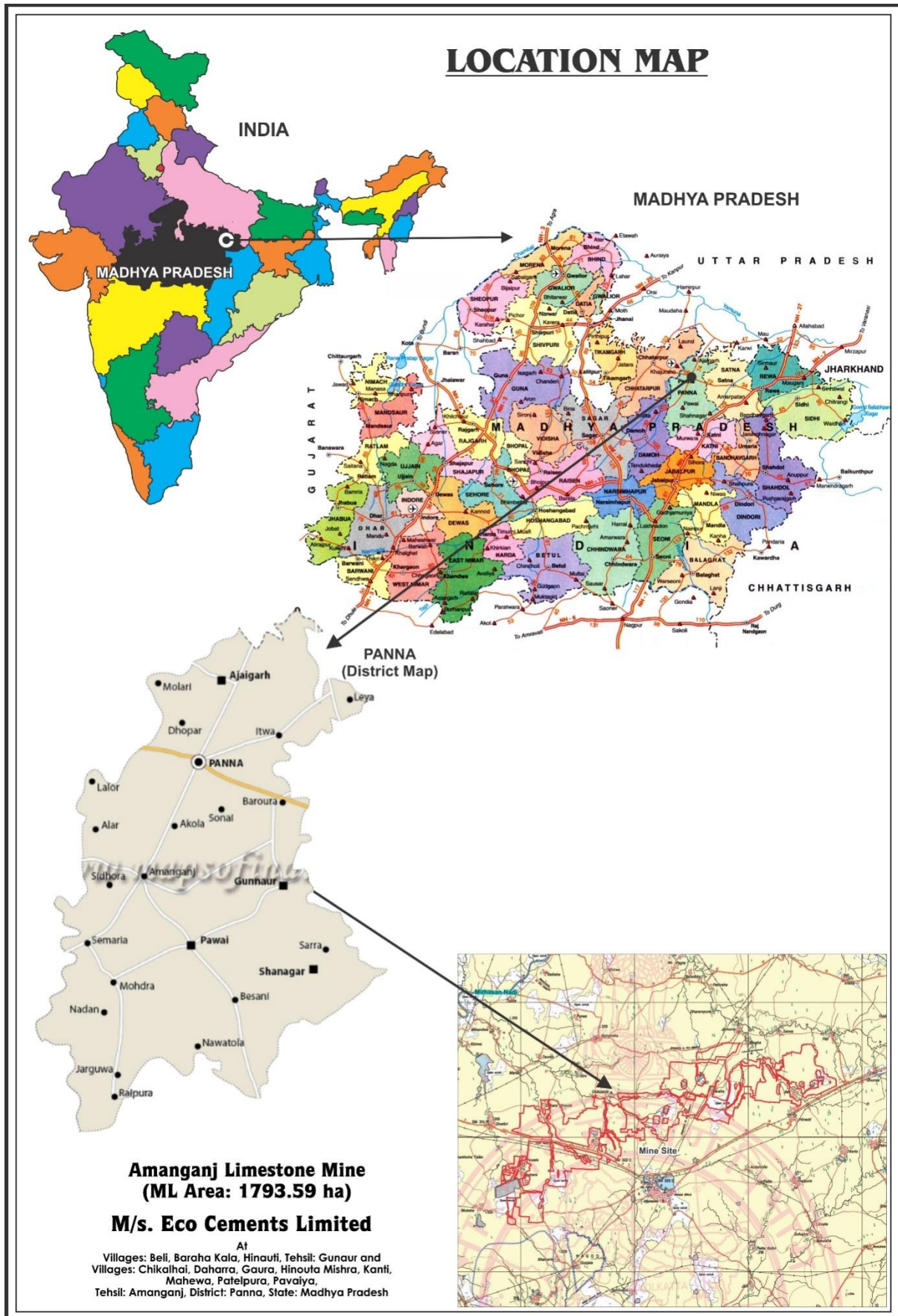


Figure 1: Location Map showing general location, specific location, project boundary & project site layout

(iii) DETAILS OF ALTERNATIVE SITE CONSIDERATION AND BASIS OF SELECTING THE PROPOSED SITE PARTICULARLY THE ENVIRONMENTAL CONSIDERATIONS GONE SHOULD BE HIGHLIGHTED

No alternative site has been taken into consideration as Letter of Intent for 1793.59 ha area has been granted by Mineral Resources Department of Madhya Pradesh vide letter no. F-3-86/2015/12-1, Bhopal dated 06.02.2017 in favor of M/s. Eco Cements Ltd. Lease deed was granted vide letter no. F-3-86/2015/12-1, Bhopal dated 06.10.2018 and same has been executed dated 17.10.2019 for a period of 50 Years. Mining lease was grant after excluding the road, water bodies, village and habitation along with their statutory barriers.

(iv) SIZE OR MAGNITUDE OF OPERATION

M/s. Eco Cements Limited is proposing Amanganj Limestone Mine (ML Area: 1793.59 ha) with Proposed Limestone: 3.75 Million TPA, Top Soil: 0.4 Million TPA & OB/IB: 9.60 Million TPA (Total Excavation: 13.75 Million TPA) along with installation of 1600 TPH Capacity of Crusher at Villages: Beli, Baraha Kala, Hinouti, Tehsil: Gunour and Villages: Chikalhai, Daharra, Gaura, Hinouta Mishra, Kanti, Mahewa, Patelpura, Pawaiya, Tehsil: Amanganj, District: Panna, State: Madhya Pradesh.

(v) PROJECT DESCRIPTION WITH PROCESS DETAILS (A SCHEMATIC DIAGRAM/ FLOW CHART SHOWING THE PROJECT LAYOUT, PROJECT COMPONENTS SHOULD BE GIVEN)

A. GEOLOGY

Regional Geology

- ✓ The limestone formation of this region belongs to the Bhandar Group (Upper Vindhyan) of the Vindhyan system of Indian Stratigraphy. The Bhandar Group forms one of the productive limestone bearing formations in this region.
- ✓ The Vindhyan basin is a classic example of Proterozoic intera-continental basin that developed in the central part of the Indian shield along with several other basin such as Cuddapah, Chhattisgarh, etc.
- ✓ The entire Vindhyan succession maximum thickness estimated to be around 3 km, and comprising mainly sandstone, shale and limestone is assigned as the Vindhyan Supergroup.

Local Geology

- ✓ Except a very few output of Limestone, the entire ML area is covered by thick overburden comprising of Black Cotton Soil, Shale and Upper Shaly Limestone.
- ✓ Keeping in view of the regional stratigraphical sequence and boreholes drilled in the area, the following sequence of formations exposed in the ML area, as established by mapping and exploratory drilling, is given in table below:

Table-4
Local Geological succession of the area

Group	Unit	Remark
Recent	Black Cotton Soil/ Clay	Derived from weathering of quartzite and shale
Bhander Group	Bhander Limestone	<ul style="list-style-type: none"> ✓ Upper Limestone Band- Thick Limestone bands with thin partings of shale ✓ Upper Shaly Limestone-Alternative thin bands of limestone and shale ✓ Shale- Thick shale with few thin partings of limestone ✓ Middle Shaly Limestone- Alternative thin bands of limestone and shale ✓ Lower Limestone Bands- Thick Limestone bands with thin partings of shale ✓ Lower Shaly Limestone- Alternative thin bands of limestone and shale ✓ Bottom Shale- Thick shale with few thin partings of limestone

Source: Approved Mining Plan along with Progressive Mine Closure Plan, pg no. 19

- ✓ The general strike of ENE-WSW and the dip of these rocks varies from almost flat to 4°-5° towards south direction. The rocks in the area are tectonically or structurally undisturbed. Although shale and limestone bands are covered under the soil, its continuity has been established by drilling in the entire extent of the ML area.
- ✓ The lithological sequence encountered within the boreholes in the lease area has been categorized based on amount of shale intercalations within limestone and is given in below table.

Table-5
Geological Succession

S. No.	Litho units	Nomenclature	Thickness (m)		
			Minimum	Maximum	Average
1	Overburden Soil	OBS	0.50	6.70	3.00
2	Upper Limestone Band	ULST	1.25	11.00	4.30
3	Upper Shaly Limestone	SHLST1	1.00	15.65	7.30
4	Shale	SHALE	0.92	26.50	15.61
5	Middle Shaly Limestone	SHLST2	0.70	7.80	2.97
6	Lower Limestone Band	LLST	4.50	16.00	12.15
7	Lower Shaly Limestone	SHLST3	1.00	14.50	7.38
8	Bottom Shale	BOTSHL	1.00	14.75	6.73

Source: Approved Mining Plan

B. MINING PROCESS

The mining operations will be carried out by fully mechanized opencast method, deploying Heavy Moving Earth Machinery (HEMM i.e. hydraulic excavators, rear dump trucks, hydraulic drills, bull dozers, etc.) in conjunction with deep hole and blasting with the use of suitable explosives. Various mining activities such as drilling, blasting, loading, transportation & unloading will be so conducted as to ensure maximum mineral conservation and minimum environmental degradation. ML area of 1793.59 ha comprises 23 blocks nos. as 1 to 23. As per the MoEF&CC guidance to understand the mineability issues in the entire ML area, 10 blocks out of 23 delineated blocks are mineable and the total mineable area is worked out as 930.05 ha. Blocks-1,2,3,11,13,14,15,16,17 and 20 are mineable.

The salient features of mode of working are as follows:

1. Bench height of 10 m will be maintained in overburden and limestone respectively depending on the thickness of individual lithounit.
2. Drilling will be carried out by hydraulically operated DTH drilling machine.
3. Conventional blasting using ANFO and high explosives with use of milli seconds/delay/NONEL to prevent the fly rocks, noise and to reduce ground vibrations will be adopted.
4. Loading by Hydraulic Excavators and transport of limestone and overburden by rear dump trucks to crusher and waste dump yards respectively.
5. A crusher of 1600 TPH capacity is proposed to be installed near ML periphery in Block-1 which will be later shifted to Block-15 in conceptual period.
6. Limestone will be transported to captive cement plant.
7. Wherever required, areas near to habitation will be won using primary rock breaker and ripper dozer system will be adopted.

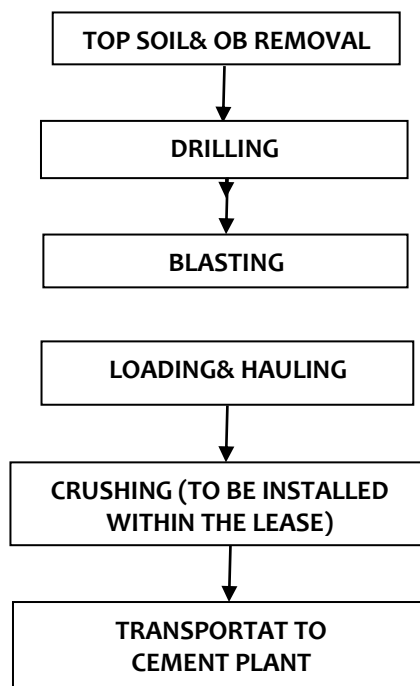


Figure 2: Mining Flow Chart

C. DETAILS OF THE MINERAL RESOURCE & RESERVES

Table – 6
Area covered and corresponding resources of limestone

S. No.	Level of Exploration	Borehole Grid Interval	Area covered (in Ha)	Boreholes Considered	Resources (in Million Tonnes)	Grade
1	G1-Detail Exploration	200m x 200m	46.73	31	9.712	Cement
2	G2-General Exploration	400m x 400m	83.63	20	14.904	Cement
3	G3- Prospecting Exploration	800m x 800m	1663.23	34	131.674	Cement
Total			1793.59	85	156.290	

Source: Approved Mining Plan with Progressive Mine Closure Plan; Page No. 41 & 50

D. LIMESTONE RESERVES/RESOURCES AS PER UNFC

The mining constraints within the ML area were considered during grant of ML and further consideration will be made as per EAC observations. Following key factors have been taken into account for estimation of reserves:

- 7.5 m barrier zone has been left from lease boundary as per statute,
- 50 m safety distance from road,
- 50 m from water body,
- 150 m from village/habitation,

The reserves have been computed for ML area explored by drilling under G1 and G2 levels of UNFC. Total Resources are 156.29 million tonnes. Out of 23 blocks, 10 blocks (1,2,3,11,13,14,15,16,17 and 20) will be mineable and accordingly total mineable reserves are 87.67 million tonnes and 68.62 million tonnes is locked up and not mineable as per present understanding of deposit and these numbers will change once proposed exploration is completed during this plan period. Out of 87.67 million tonnes, 20.43 million tonnes belong to 121 and 122 as per UNFC reserves classification system.

E. INSITU TENTATIVE EXCAVATION

It is planned to achieve an average limestone production of 3.75 million ton per annum to meet the demand of the proposed 2.5 million ton per annum clinkerization plant capacity plant.

The total excavation details are given in table below:

Table – 7
Excavation Details (In Million Tonnes)

Period	Total Tentative Excavation	Top Soil	OB/SB/IB	ROM		Waste/ROM Ratio
				Ore	*Mineral Reject	
2021-22	0.29	0.01	0.23	0.05	0.0	4.60
2022-23	0.46	0.01	0.35	0.10	0.0	3.50
2023-24	13.02	0.40	8.87	3.75	0.0	2.67
Total	13.77	0.42	9.45	3.90	0.0	2.42

Source: Approved Mining Plan with Progressive Mine Closure Plan; Page No. 57

Bulk Density of Top Soil: 1.8 tonnes/CuM, OB: 1.8tonnes/CuM & Limestone: 2.5tonnes/CuM

At peak stage, Limestone: 3.75 Million TPA, Top Soil: 0.4 Million TPA & OB/IB: 9.60 Million TPA (Total Excavation: 13.75 Million TPA) along with installation of 1600 TPH Capacity of Crusher

The ML area has been divided into 23 blocks, out of which 10 blocks fall under mineable category whose impact will be considered in this mining plan. The block wise mineralized area, non-mineralized area, explored area and un-explored area based on present exploration is given in table below:

F. LIFE OF MINE

Total Reserves: 87.67 Million Tonnes

Proposed production during the plan period: 3.90 Million Tonnes

Balance Reserves available after the plan period: 83.77 Million Tonnes

Balance life of Mine: $83.77/3.75 = 22.33$ Years, Says 23 years

Therefore, overall mine life will be dependent on delineating the mineable blocks based on environmental setting and proving of reserves after detailed exploration in these permitted mineable blocks and it currently works out to about 28 years from ML registration based on planned production and as per the understanding of the deposit and guidelines suggested by MoEF&CC during EAC meeting for consideration of ToRs for EIA study 2020.

Further, it was anticipated that 131.67 million tons limestone reserves would be available in the ML area after detail exploration and if this entire quantity is proved then this shall further increase the life of the mine by 35 years.

G. Land Use Details

Table- 8
Stage Wise Land Use Pattern (In Ha)

S. No.	Particular	At present	At the end of Plan period	Up to 10 th Year	At the conceptual stage
1.	Total Area Disturbed	Nil	77.65	286.20	930.05
2.	Area to be excavated	Nil	23.53	160.69	930.05
3.	Area Rehabilitated by afforestation/ Regrassing	Nil	18.00	121.00	930.05
4.	Area to be converted into water reservoir	Nil	0.00	0.00	0.00
5.	Storage for top soil	Nil	2.05	3.00	0.00
6.	Overburden / dump	Nil	10.98	5.00	0.00
7.	Mineral Storage	Nil	2.01	5.00	0.00
8.	Infrastructure (Workshop, admin building, crusher etc.)	Nil	1.25	1.50	2.00
9.	Roads	Nil	5.10	6.00	7.00
10.	Shaly Limestone Dump	Nil	6.25	5.0	0.0
11.	Green Belt/Safety Zone Plantation	Nil	25.50	49.05	154.00

12.	Others (garland drain etc.)	Nil	0.50	0.50	0.80
13.	Total area put to use	Nil	131.29	356.25	1093.85
14.	Undisturbed Area	1793.59	1662.30	1437.34	699.74
15.	Total Area	1793.59	1793.59	1793.59	1793.59

Source: Approved Mining Plan with Progressive Mine Closure Plan, Page No. 87, 132 & 133

It could be seen from the above table that as per present understanding of the deposit, about 1093.85 ha shall be utilized within the ML area upto conceptual stage. This figure may change once proposed exploration is completed and a re-valuation of the deposit is made.

Table – 9
Greenbelt/Afforestation and Rehabilitation Programme

S. No.	Period	Green Belt (ha)	Plantation @ 10% and regrassing over Back Filled Area (Ha)	Total Area under Green Belt / Plantation / Regrassing (Ha)	Total nos of saplings @ 1500 / Ha
1.	2021-22 to 2023-24	25.50	18.00	43.50	40950
2.	2024-25 to 2028-29	23.55	103.00	126.55	50775
3.	2029-30 to 2033-34	9.00	131.50	140.50	33225
4.	2034-35 to 2038-39	83.95	267.26	351.21	166014
5.	2039-40 to 2043-44	0.00	245.56	245.56	36834
6.	2044-45 to 2048-49	12.00	164.73	176.73	42710
Total		154.00	930.05	1084.05	370508

Source: Approved Mining Plan with Progressive Mine Closure Plan, Pg no 86

The dimension of the area required for stacking of top soil and overburden shale and clay during the plan period is given in the table below:

Table – 10
Year wise Top Soil and Overburden generation

Year	Block	Total Soil & Waste	Top Soil (cum)	OB/SB/IB (cum)	Shaly Lst	Shale	OB/SB
2021-22	1	138000	6000	132000	0	0	132000
2022-23		199907	8692	191215	0	0	191215
2023-24		4821873	223448	4598425	842147	12975	3743303
Total		5159780	238140	4921640	842147	12975	4066518
Million M³		5.16	0.24	4.92	0.84	0.01	4.07
Million Tonnes		9.28	0.43	8.85	2.1	0.025	7.32

Source: Approved Mining Plan & Progressive Mine Closure Plan, Pg No. 74

(vi) 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 hence; no raw material will be required. The limestone mined out from this Limestone Mine will be used as raw material in the company's proposed cement plant, so no marketing area is required.
- Excavated limestone from the proposed mine will be transported to the proposed captive Cement Plant.

(vii) RESOURCES OPTIMIZATION/ RECYCLING AND REUSE ENVISAGED IN THE PROJECT, IF ANY, SHOULD BE BRIEFLY OUTLINED

- Waste water generated from mine office, rest shelters etc. will be disposed in soak pit via septic tank.
- Oil – Water separator will be provided at the workshop and treated water will be re-cycled for equipment washing & dust suppression etc.

(viii) AVAILABILITY OF WATER ITS SOURCE, ENERGY /POWER REQUIREMENT AND SOURCE SHOULD BE GIVEN

A. Water Requirement

The total water requirement will be 250 KLD. As it will take time for mine sump to develop; therefore, initially water will be drawn from ground water with due permission of CGWA.

NOC for Ground water abstraction has been obtained from CGWA vide NOC No. CGWA/NOC/MIN/ORIG/2021/12466, dated 04.08.2021 & same is valid up to 03.08.2023. Copy of same is enclosed as **Annexure IV**.

B. Power Requirement

Total Power requirement for proposed limestone mine will be 2 MW which will be sourced from Clinkerization Plant and from State Electricity Board.

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

A. Liquid

- Waste water generated from mine office, rest shelters etc. will be disposed in soak pit via septic tank.
- Oil – Water separator will be provided at the workshop and treated water will be re-cycled for equipment washing & dust suppression etc.

B. Solid Waste

- OB/IB consist of Overburden soil in the form of clay, murrum with shale and intermediate shale & shaly limestone.

- Annually 9.60 million tones of OB/IB and during the plan period 9.45 million tones of OB/IB will be generated.
- At conceptual stage, 59.89 million tonnes overburden soil in the form of clay, murrum with shale and 77.45 million tonnes intermediate shale & 57.23 million tonnes shaly limestone will be exploited.

Note: Above mentioned quantities may be increased if present explored area may be increased after further exploration.

4.0 SITE ANALYSIS

(i) CONNECTIVITY

The study area is served by road transport. Most of the villages are connected by road transport service, but frequency of government bus services is not sufficient and villagers use private transport. SH-49 is about 5.0 km in NW direction and SH-10 is about 2.75 km in WSW direction from mine site. NH-75 is about 24.5 km in NE direction from mine site. Nearest railway station is Maihar Railway Station ~60.5 km in ESE direction. Beside this Satna, Katni & Damoh Railway Stations are also providing a good source of connectivity. The nearest airport is Khajuraho and Jabalpur Airport about 46.0 Km NNW & 129.0 Km in West direction respectively. The site is well connected with the communication facilities such as telephone, telefax and internet.

(ii) LAND FORM, LAND USE AND LAND OWNERSHIP

- The land use of the ML Area mainly consists of agricultural land, habitation, water bodies (Seasonal Nallah & Pond), roads, electric lines.
- The lease was granted after excluding the habitation, road, seasonal nallah, pond & electric lines.
- The total Mining lease area is 1793.59 ha, out of which Government land is 57.723 ha and Private Land is 1735.867 ha.

(iii) TOPOGRAPHY & DRAINAGE

- The ML area is mostly covered by black cotton soil having sporadic occurrences of limestone and shale at surface. The ML area forms a flat terrain in general with low undulating topography at places. The maximum elevation of the ML area is 338m AMSL in the south eastern part of the area whereas the lowest elevation is about 308m AMSL in the north western part of the area. The general slope of the area is towards northwest.
- Seasonal nallahs flowing in excluded part of the lease area. Some part of the same falling within the non-mining part of the lease area. Mining will be away at 50 m distance from the road.
- The drainage of the area is controlled by Mirhasan River which is tributary of Ken River flowing at a distance of ~4.5 km in North direction from the lease area. There are few nallahs (rivulets) within the concession area which becomes active during monsoon period and rain water gets

discharged through the nallahs to Mirhasan River. Nallahs will not be diverted at conceptual stage. A 50 m statutory barrier is to be left for protection of the same.

- The surface water accumulated during rainy season either gets absorbed within the ground or run off through the favorable slope and gets merged with Mirhasan River.
- The drain water and water accumulated in the sump shall be collected in the sediment settling tank and after settling of silt, the water shall be utilized in dust suppression, plantation in the mine and also in the cement plant.

(iv) 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.

- Total mining lease area is 1793.59 ha. There is no National Park, Wild Life Sanctuaries, Biosphere Reserves, Tiger Reserves, and Wildlife Corridors etc. within 10 km radius of the mining lease area.
- The lease was granted after excluding the habitation, road, seasonal nallah, pond& electric lines.
- No Forest land is involved within the lease area.
- No National Park, Wildlife Sanctuary exists within study area (10 km from ML boundary).
- Seasonal nallahs flowing in excluded part of the lease area. Some part of the same falling within the non-mining part of the lease area. Mining will be proposed at 50 m distance from the road.
- The Lease area is located in District Panna of State Madhya Pradesh, which is not a coastal zone. Therefore, the project area does not come under purview of CRZ notification.

Details of Environmental settings around the project site are given in the table below:

**Table -11
ENVIRONMENTAL SETTINGS DETAILS**

S. No.	Particular	Details
1.	National Park, Wild Life Sanctuaries, Biosphere Reserves, Tiger Reserves, Wildlife Corridors	There is no National Park, Wild Life Sanctuaries, Biosphere Reserves, Tiger Reserves, and Wildlife Corridors etc. within 10 km radius of the mining lease area
2.	Reserved/ Protected Forests	<ul style="list-style-type: none"> ➤ Bilghari PF (~ 4.0 Km in NE Direction) ➤ Gunaur PF (~ 7.0 Km in ENE Direction) ➤ Rampur PF (~ 9.0 Km in NW Direction)
3.	Water bodies	There are few seasonal nallahs(rivulets) within the concession area which become active during monsoon period and rain water

S. No.	Particular	Details
		gets discharged through the nallahs to Mirhasan River flowing outside the lease area. <ul style="list-style-type: none"> ➤ Mirhasan Nadi (~ 4.5 km in North direction) ➤ Ken River (~ 6.0 Km in South direction) ➤ Saigur Nala (~ 8.5 Km in WNW direction) ➤ Patna River (~ 9.0 km in SSW Direction)
4.	Nearest Town/City	Amanganj(~3.5 km in West direction)
5.	Nearest Highway	<ul style="list-style-type: none"> ➤ SH 49 (~ 5.0 km in NW direction) ➤ SH 10 (~2.75 km in WSW direction) ➤ NH 75 (~24.5 km in NE direction)
6.	Nearest Railway Station	<ul style="list-style-type: none"> ➤ Maihar Railway Station (~ 60.5 Km in ESE direction) ➤ Satna Railway Station (~85 Km NE direction) ➤ Katni Railway Station (~68 Km in SSE direction) ➤ Damoh Railway Station (~90 km SW direction)
7.	Nearest Airport	<ul style="list-style-type: none"> ➤ Khajurao Airport (~46 Km NNW direction) ➤ Jabalpur Airport (~129 Km in West direction) ➤ Prayagraj Airport (~185 km in NE direction)
8.	Seismic Zone	Zone-II as per IS:1893 (Part-I):2002

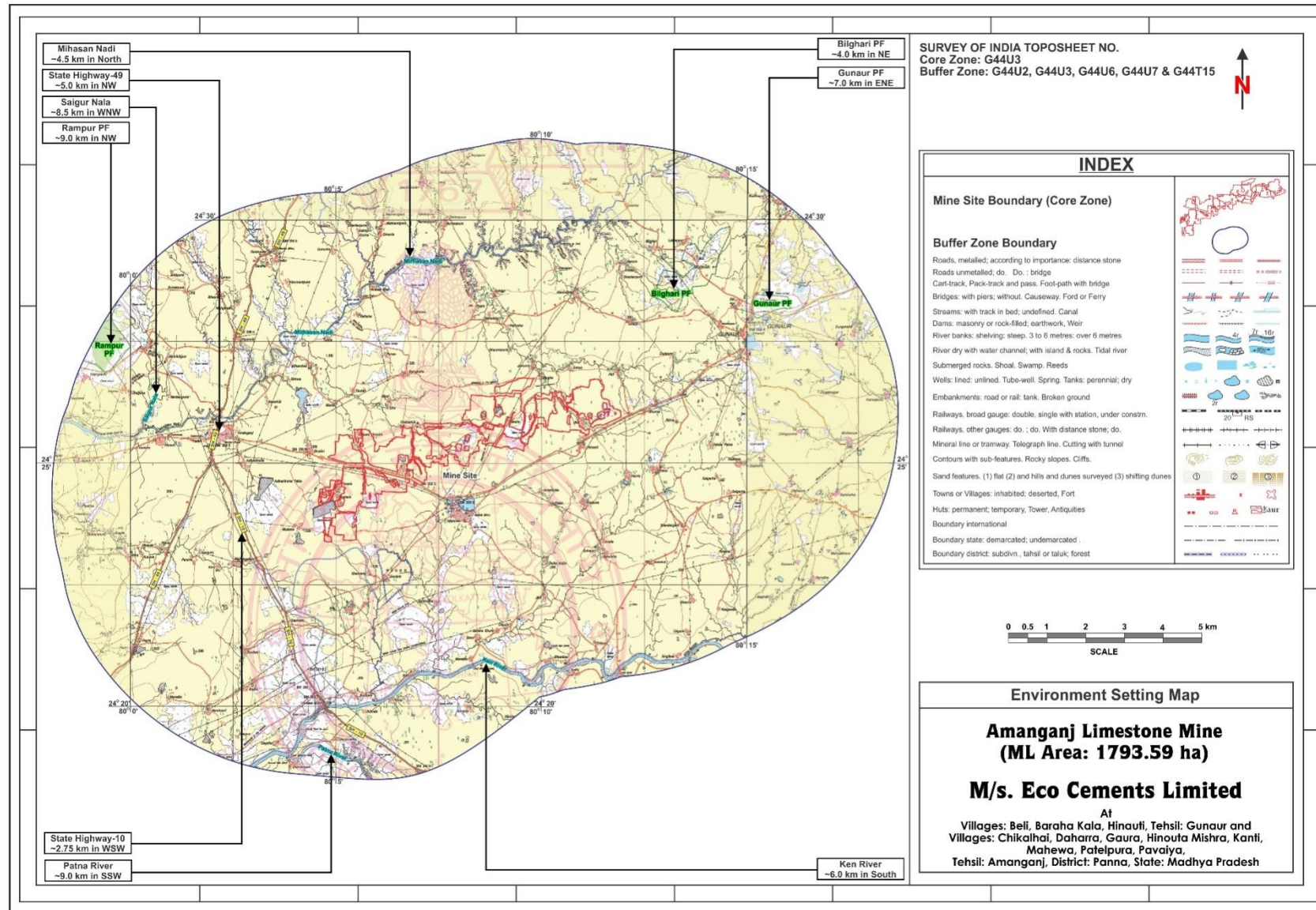


Figure -3: Map showing Environmental Settings of the Study Area

(v) EXISTING INFRASTRUCTURE

Transport Facilities:

The area is served by road transport. Most of the villages are connected by road transport services, but frequency of government bus services is not sufficient and villagers use private transport. The site is well connected with nearest town/city Amanganj about 3.5 km in West direction. SH-49 is about 5.0 km in NW direction and SH-10 is about 2.75 km in WSW direction from mine site. NH-75 is about 24.5 km in NE direction from mine site. Nearest railway station is Maihar Railway Station ~60.5 km in ESE direction. Beside this Satna, Katni & Damoh Railway Stations are also providing a good source of connectivity. The nearby airport is Khajuraho and Jabalpur Airport about 46.0 Km NNW & 129.0 Km in Westdirection respectively.

Post & Telegraphs:

The study area has an average level of postal services. Altogether, there are few post offices in the study area. The study area is served by adequate telephone and mobile network.

Electrification in the Area:

Almost all the villages in the study area are electrified. Electricity is available for domestic, commercial, industrial, agricultural and public lighting purposes.

Drinking Water Facility:

Water tanks are also available in the villages. In some villages, villagers made small water harvesting tanks in their houses for drinking purpose. Water for irrigation purpose is used from bore wells and dug wells.

(vi) SOIL CLASSIFICATION

The area mainly consists of Black Cotton Soil. Black Cotton Soil spread over the major part of the deposit area facilitates vegetation growth and thus major part of the area is used for cultivation.

(vii) CLIMATIC DATA FROM SECONDARY SOURCES

The area experiences extreme climatic variations; the temperature varies from 4°C in winter to 47°C in summer. The rainy season spreads from mid-June to mid-November.

(viii) SOCIAL INFRASTRUCTURE AVAILABLE

The nearest town is Amanganj about 3.5 km in West direction. The area has good network of public roads. Telephone, Electric connections, Medical facilities and Telegraph facilities are available in the area.

5.0 PLANNING BRIEF

(i) PLANNING CONCEPT (TYPE OF INDUSTRIES, FACILITIES, AND TRANSPORTATION ETC.) TOWN AND COUNTRY PLANNING/DEVELOPMENT AUTHORITY CLASSIFICATION

- The total Mining lease area is 1793.59 ha, out of which 57.723 ha is Govt. land and 1735.867 ha is Private land.

- Limestone produced from this mine will meet the requirement of limestone for proposed integrated Cement Project of Ms. Eco Cement Ltd.
- Excavated limestone will be transported to crusher by haul road through dumpers. The crusher is proposed to be located within the lease.
- Crushed limestone will be further transported to the interlinked cement plant.

(ii) POPULATION PROJECTION

Temporary influx of people will be there as the managerial and supervisory staff will generally be from outside the area.

(iii) LAND USE PLANNING

- The total Mining lease area is 1793.59ha, out of which 57.723 ha is Govt. land and 1735.867 ha is Private land. Proposed production of limestone will be in the granted mining lease area. Land use planning for proposed project will be as per the approved mining plan.
- At conceptual stage, total utilized area will be 1093.85 ha; out of which 154 ha area will be developed as greenbelt & plantation along the safety zone & 930.05 ha area will be excavated which will be reclaimed by backfilling and later on rehabilitated for regrassing / agricultural uses. Therefore, the total area under green belt/ afforestation/ agriculture / regrassing works out to 1084.05 ha at conceptual stage. Area under Infrastructure, Roads & for others (Garland drains, Catch drains) is 2.0 ha, 7.0 ha & 0.80 ha respectively.

(iv) ASSESSMENT OF INFRASTRUCTURE DEMAND (PHYSICAL & SOCIAL)

M/s. Eco Cements Ltd. has proposed demand of infrastructure (Physical & Social) in nearby area of the ML area.

(v) AMENITIES/FACILITIES

- The quarry under reference shall be a captive source of supply of the main raw material, limestone, to the plant for manufacture of clinker / cement and thus shall be an integral part of the cement project.
- The quarry is in close proximity of the proposed plant site and thus all the main site services and facilities are proposed to be within the cement plant area boundary.

The site services proposed in the ML area given are:

1. Explosive Magazine
2. Storage for Ammonium Nitrate
3. ANFO Mixing shed
4. Mobile Canteen
5. Rest shelter(s)
6. Drinking water room
7. Latrines/urinals

8. First aid station/room
9. Weighbridge
10. Phones/communication

Other services such as Mines office cum time office, survey cum drawing office, Environment management cell, bank and many other necessary services are proposed within the cement plant premises (common with plant).

6.0 PROPOSED INFRASTRUCTURE

(i) INDUSTRIAL AREA (PROCESSING AREA)

The proposed limestone mines with ML area 1793.59 ha has proposed to develop facilities in the ML area and within the cement plant premises (common with plant).

(ii) RESIDENTIAL AREA (NON- PROCESSING AREA)

No residential area is proposed at mine site. The workers will commute to the mine area daily by residing at nearby Amanganj Town.

(iii) GREEN BELT DEVELOPMENT

- The total mining lease area is 1793.59 ha.
- Greenbelt & plantation along the safety zone will be developed on 25.50 ha area during plan period & at conceptual stage total area will be 154 ha.
- At conceptual stage, 930.05 ha area will be reclaimed by backfilling and same will be rehabilitated by regrassing/plantation. Therefore, the total area under green belt/ plantation is 1084.05 ha.
- Local and fruit bearing species will be planted after consultation with local forest officer and as per CPCB guidelines.
- Density of plantation would be 1500 trees/ha.

(iv) SOCIAL INFRASTRUCTURE

Proposed project will result in growth of the surrounding areas by increased indirect employment opportunities in the region and also infrastructure development will enhance trade and communication.

(v) CONNECTIVITY

- The site is well connected with nearest town/city Amanganj which is about 3.5 km from mine site.
- SH-49 is about 5.0 km in NW direction and SH-10 is about 2.75 km in WSW direction from mine site. NH-75 is about ~24.5 km in NE direction from mine site.
- The nearest airport is Khajuraho~46.0 km in NNW direction.
- Nearest railway station is Maihar railway station ~ 60.5 km in ESE direction.

- The site is well connected with the communication facilities such as telephone, telefax and internet.

(vi) DRINKING WATER MANAGEMENT (SOURCE & SUPPLY OF WATER)

The total water requirement will be 250 KLD. All the water requirements will be met from Rain Harvesting/ Ground water/ Mine sump. As it will take time for mine sump to develop; therefore, initially water will be drawn from ground water with due permission of CGWA.

NOC for Ground water abstraction has been obtained from CGWA vide NOC No. CGWA/NOC/MIN/ORIG/2021/12466, dated 04.08.2021 & same is valid up to 03.08.2023. Copy of same is enclosed as **Annexure IV**.

(vii) SEWERAGE SYSTEM

The domestic wastewater generated from mine office will be disposed off in soak pits via septic tanks.

(viii) INDUSTRIAL WASTE MANAGEMENT

- Waste water generated from mine office, rest shelters etc. will be disposed in soak pit via septic tank.
- Oil – Water separator will be provided at the workshop and treated water will be re-cycled for equipment washing and dust suppression etc.

(ix) SOLID WASTE MANAGEMENT

- OB/IB consist of Overburden soil in the form of clay, murrum with shale and intermediate shale & shaly limestone.
- Annually 9.60 million tones of OB/IB and during the plan period 9.45 million tones of OB/IB will be generated.
- At conceptual stage, 59.89 million tonnes overburden soil in the form of clay, murrum with shale and 77.45 million tonnes intermediate shale & 57.23 million tonnes shaly limestone will be exploited.
- Above mentioned quantities shall be segregated on benches and stacked separately. OB soil and shale shall be initially stacked in the waste dump yard and will be used in reclamation of exploited pits by backfilling. A part of lower shaly limestone shall also be used with the ROM limestone and part shall be kept separately for future use, if any and it will not be mixed with other waste rocks.
- Initially, during the plan period, temporary dumps are proposed to be created in Block-1 during mine opening time. From 2023-24 year onwards, mined out area shall be reclaimed by backfilling in Block-1. Subsequently, reclamation of exploited pit by backfilling shall become a continuous process in the subsequent plans of mining. After backfilling of the exploited pits, top soil shall be spread over the entire backfilled area leaving area of shaly limestone and plantation shall be carried or can also be used for agriculture or regrassing.

- The maximum height of the temporary dump for overburden in initial years shall 10 m. The dumps shall be sloped at the angle of their natural angle of repose, which is likely to be around <30 degree. Suitable berm shall be left all round of each terrace. Later, the material from the temporary dumps shall also be used in backfilling of exploited pits during conceptual stage. Conceptually, the majority mined out areas shall be converted to grass land / agricultural land for the benefit of locals in the area.

(x) POWER REQUIREMENT & SUPPLY/SOURCE

Total Power requirement for limestone mine will be 2 MW per day which will be sourced from Clinkerization Plant and from State electricity board.

7.0 REHABILITATION AND RESETTLEMENT (R & R) PLAN

(i) POLICY TO BE ADOPTED (CENTRAL/STATE) IN RESPECT OF THE PROJECT AFFECTED PERSONS INCLUDING HOME OUSTEES, LAND OUSTEES AND LANDLESS LABORERS

The total Mining lease area is 1793.59 ha, out of which 57.723 ha is Govt. land and 1735.867 ha is Private land.

8.0 PROJECT SCHEDULE & COST ESTIMATES

(i) LIKELY DATE OF START OF CONSTRUCTION AND LIKELY DATE OF COMPLETION

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

(ii) ESTIMATED PROJECT COST ALONG WITH ANALYSIS IN TERMS OF ECONOMIC VIABILITY OF THE PROJECT

Capital Cost of the Project is Rs. 400 Crores. Limestone produced from Amanganj Limestone Mine will be utilized for captive use in the proposed cement plant. Thus, there will be no other users for the limestone produced from this mine.

9.0 ANALYSIS OF PROPOSAL

- Proposed Limestone Mining project will result in growth of the surrounding areas by increased indirect employment in the region including ancillary development and supporting infrastructure.
- Development of social amenities will be done in the form of medical facilities, education to underprivileged children and creation of self-help groups.
- No major adverse effect on environment is envisaged as the required mitigation measures are inbuilt in the project.

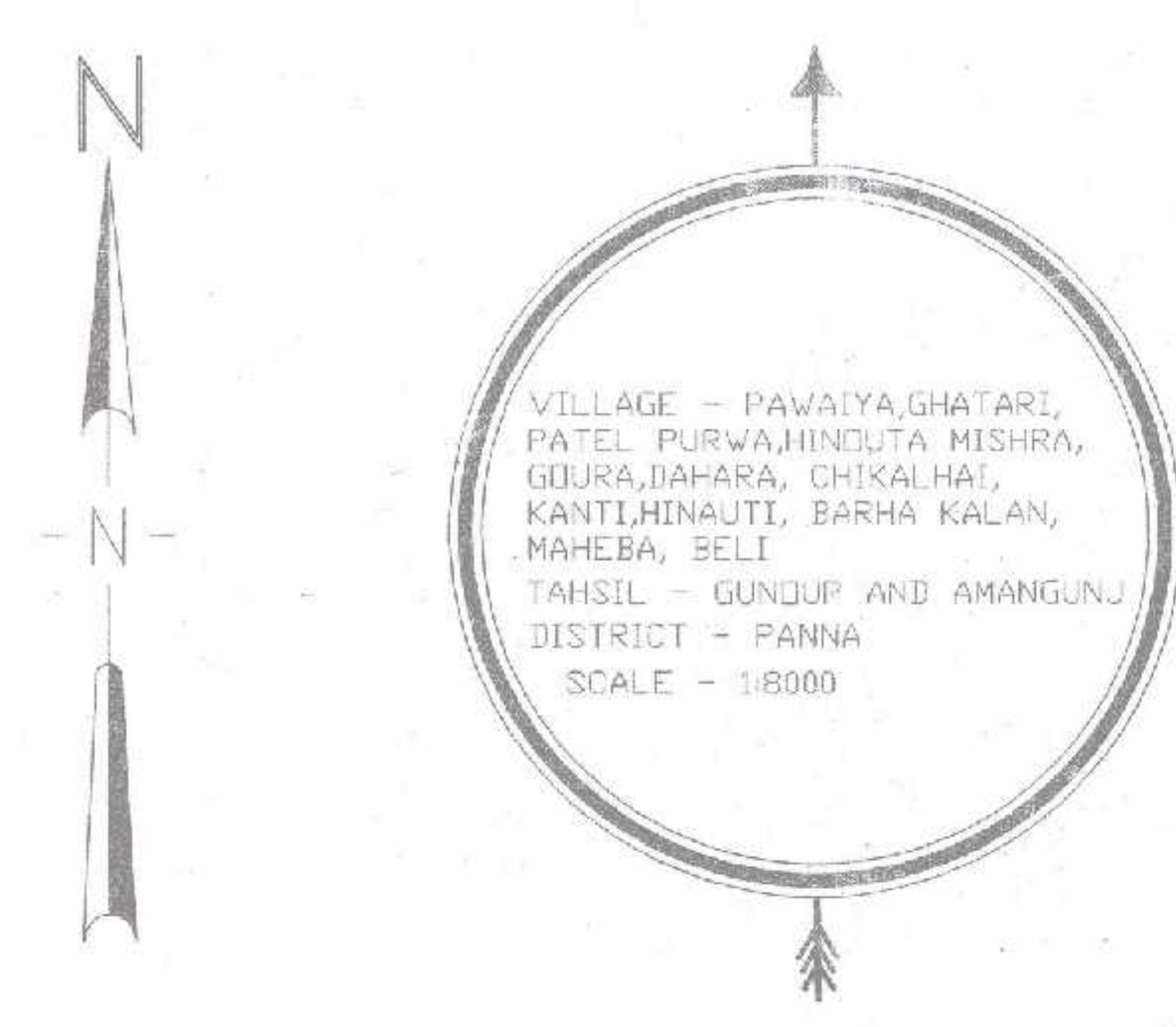




ANNEXURES

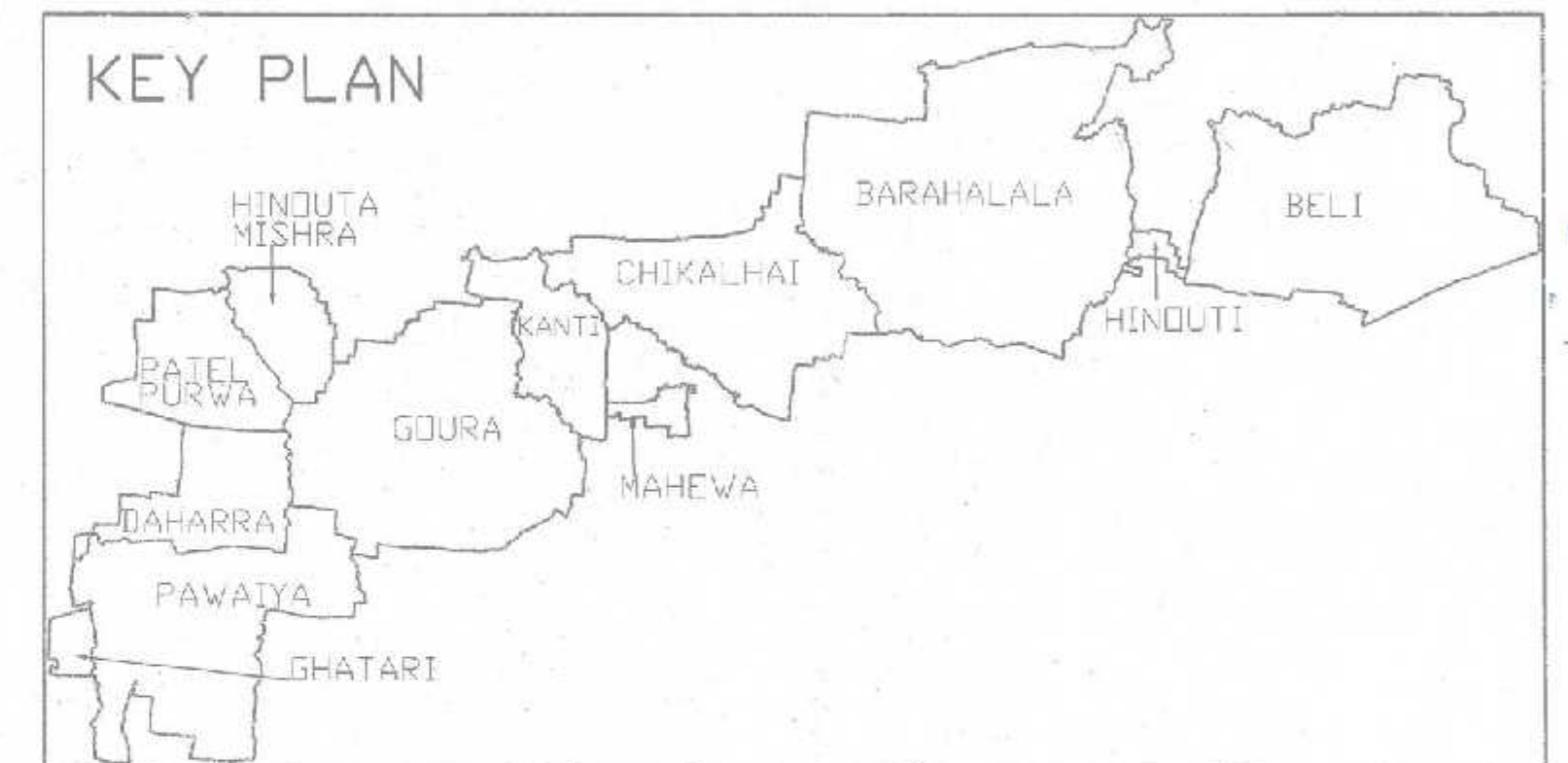


ANNEXURE I
KHASRA MAP



Index

APPLICABLE AREA	[Green Shaded]
ROAD	[Blue Line]
WALL	[Black Line]
VILLAGE AREA	[White Area]
RESTRICTED AREA	[Blue Shaded]
DEFERRED FROM RESTRICTION	[Dark Green Shaded]



M/s Eco Cements Ltd.

Sanction Area of the Mining Lease

Sr. No.	Village	Tahsil	Area (in hect.)	Restricted area	Available Area
1	Bel	Gundup	332.34	6.06	326.28
2	Hindouti	Gundup	6.4		6.40
3	Barahakala	Gundup	433.11	12.90	420.21
4	Pawaiya	Amangunj	231.74	0.34	231.40
5	Dahara	Amangunj	69.52		69.52
6	Ghatari	Amangunj	19.44	19.44	0
7	Patalpura	Amangunj	87.1		87.10
8	Hindouti Mishra	Amangunj	54.1		54.10
9	Gaura	Amangunj	270.80		270.80
10	Chikalhai	Amangunj	193.17		193.17
11	Kantil	Amangunj	72.74		72.74
12	Maheba	Amangunj	17.76		17.76
TOTAL			1824.19	32.60	1791.59

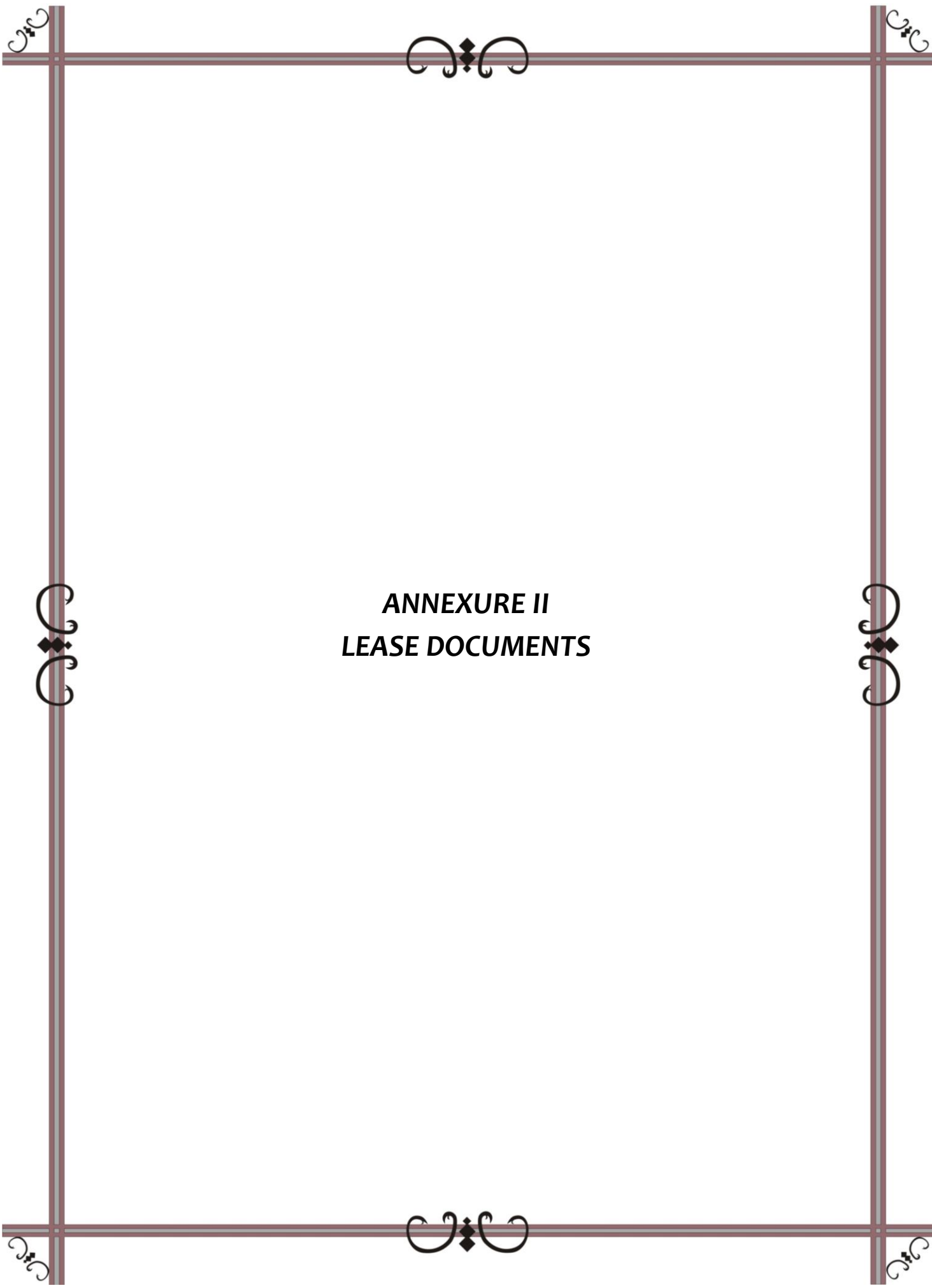
ECO CEMENTS LTD
 Zonal Office:
 72, Jawahar Nagar, Extension,
 Bhelupur, Varanasi- 221010,
 Tel. - 0542- 2277074,
 Regd. Off. :-
 KAMALAYA, CENTRE,
 156A, LENIN SARANI (W.B.) INDIA

श्री - स. ग. शासन स्वीकृत खनन विभाग के अधिकारी
 सिद्ध ८/10/88 को संख्या १०४४ अंतर्गत
 के अन्तर्गत पर विचार नमूने का प्रमाणित
 प्रमाण प्राप्त है।

सहायक निरीक्षक
 खनन विभाग (स.ग.)

सहायक निरीक्षक
 खनन विभाग (स.ग.)

सहायक निरीक्षक
 खनन विभाग (स.ग.)



**ANNEXURE II
LEASE DOCUMENTS**

मध्यप्रदेश शासन
खनिज साधन विभाग
मंत्रालय

क्रमांक- एफ 3-86/2015/12-1
प्रति,

भोपाल, दिनांक 06-2-17

मेसर्स ईको सीमेंट लिमि.,
गोयल अशोक लिलेन्ड, पन्ना रोड़,
सतना-485001

विषय:- जिला पन्ना के ग्राम बेली, बरहाकला, हिनौती, तहसील गुनौर तथा चिकलहाई, डहरा, गौरा, घटारी, हिनौता मिश्र, कांटी, महेवा, पटेलपुरवा, पवई तहसील अमानगंज के रकबा 1793.59 हेक्टेयर क्षेत्र पर चूना पत्थर खनिज का खनिपट्टा आवेदन-मेसर्स ईको सीमेंट।

---0---

आपके द्वारा जिला पन्ना के ग्राम बेली, बरहाकला, हिनौती, तहसील गुनौर तथा चिकलहाई, डहरा, गौरा, घटारी, हिनौता मिश्र, कांटी, महेवा, पटेलपुरवा, पवई तहसील अमानगंज के रकबा 1826.190 हेक्टेयर क्षेत्र पर चूना पत्थर खनिज का खनिपट्टा प्राप्त करने हेतु दिनांक 31.12.2014 को आवेदन प्रस्तुत किया गया था।

उपरोक्त आवेदित क्षेत्र में से रकबा 1793.59 हेक्टेयर क्षेत्र 50 वर्ष की अवधि के लिए खनिपट्टा में स्वीकृति हेतु उपलब्ध पाया गया है। इस उपलब्ध क्षेत्र रकबा 1793.59 हेक्टेयर का भारतीय खान ब्यूरो से अनुमोदित खनन योजना प्रस्तुत करे। जिसके पश्चात नियमानुसार खनिपट्टा स्वीकृति आदेश जारी किये जा सकेंगे।

(राजेश कुमार कौल)
अवर सचिव

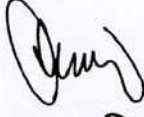
म.प्र.शासन, खनिज साधन विभाग

क्रमांक- एफ 3-86/2015/12-1

भोपाल, दिनांक 06-2-17

प्रतिलिपि:-

- 1- संचालक भौमिकी तथा खनिकर्म, म0प्र0, भोपाल।
 - 2- महा नियंत्रक, भारतीय खान ब्यूरो, नागपुर (महाराष्ट्र)
 - 3- कलेक्टर जिला पन्ना
- की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु अग्रेषित।
- 4- गार्ड फाईल

 06-2-17.

अवर सचिव

म.प्र.शासन, खनिज साधन विभाग

English Translation of LOI Letter

**Ministry
Mineral Resource Department
Govt. of Madhya Pradesh**

S. No. F 3-86/2015/12-1

Bhopal, Dated – 6.2.2017

To,

**M/s. Eco Cement Limited
Goyal Ashok Leland, Panna Road,
Satna – 485001**

Subject: - Application for Mining lease of Limestone Mineral for 1793.59 ha area at Villages: Beli, Baraha Kala, Hinauti, Tehsil: Gunaur and Villages: Chikalhai, Daharra, Gaura, Hinouta Mishra, Kanti, Mahewa, Patelpura, Pawaiya, Tehsil: Amanganj, District: Panna, by **M/s. Eco Cement.**

--0--

Application was submitted by you on 31.12.2014 for obtaining Mining lease of Limestone Mineral on 1826.190 ha area at Villages: Beli, Baraha Kala, Hinauti, Tehsil: Gunaur and Villages: Chikalhai, Daharra, Gaura, Hinouta Mishra, Kanti, Mahewa, Patelpura, Pawaiya, Tehsil: Amanganj, District: Panna.

Out of the above applied area, 1793.59 hectare area has been found for approval of Mine lease for a period of 50 years. Submit the approved mining plan from Indian Bureau of Mines for available area 1793.59 hectares. After which Mine Lease acceptance orders can be issued as per the rules.

**(Rajesh Kumar Kaul)
Under Secretary
Mineral Resource Department,
Govt. of Madhya Pradesh**

S.No. F 3-86/2015/12-1

Bhopal, Dated – 6.2.2017

Copy:-

- 1 - Director of Geology and Mines, Bhopal, M.P.
- 2 - Controller General, Indian Bureau of Mines, Nagpur (Maharashtra)
- 3 – District Collector Panna

Forwarded for further information and necessary action

- 4 – Guard File

**Under Secretary
Mineral Resource Department,
Govt. of Madhya Pradesh**

SCHEDULE VII

[Refer rules 7 (11), 8 (4), 9 (2), 12 (1)(d)]

FORMAT OF MINING LEASE

This deed for grant of a mining lease ("Lease") is made by and between the following:-

PARTIES:

1. **The Governor of Madhya Pradesh**, acting through **The Collector, District Panna M.P.**/(Department of Mines and Geology of the State) (the " State Government) **AND**
2. **Eco Cements Ltd. 72, Jawahar Nagar Extension, Bhelupur Varanasi (U.P.)** a company p-registered under company Act, 1956 [incorporated in India under the Companies Act, [1 of 1956] with corporate identity number [CIN U26941WB2007PLC116037] whose registered office is at [**Registrar of Compnies, West Bengal, Govt. of India, West Bengal**] India and principal place of business is at [address of principal place of business, if different from registered office]] OR [an individual who is citizen of India, having income tax permanent account number [number], residing at [address] OR [persons listed in *SCHEDULE A* organized as a [firm/association of persons] in the name of [*name of the firm or association of individuals*] all of the whom are Indian citizens and resident in India] (the "**Lessee**")

BACKGROUND

- A. ~~The Lessee [had participated in an electronic auction for grant of mining lease, pursuant to which the Lessee has become eligible for grant of a mining lease]~~

OR

~~[had participated in an electronic auction for grant of a prospecting license cum mining lease, pursuant to which the Lessee has become eligible for grant of a mining lease)~~

OR

had been granted a prospecting license on dt. 16.04.2013 by Government Order No.F 2-2/2011/12/1, with respect to which the Lessee has completed the requirements under the Mines and Minerals (Development and Regulation) Act, 1957 ("Act") and rules made there under for grant of a mining lease by Government order No. F-3-86/2015/12/1 Bhopal dated 06.10.2018 for a period of 50 years.

- B. Accordingly, the State Government is now executing this deed for grant of Lease to the Lessee in consideration of the fee, royalties covenants and agreements hereinafter reserved and contained on the part of the Lessee to be paid, observed and performed.

1. DEFINITIONS –

The expressions used in this Lease shall have the same meaning as ascribed to them under the Act the rules made there under.

2. GRANT OF LEASE

- 2.1 The State Government hereby grants the lease to the Lessee over an area of **1793.59 hecets.** Described in Schedule B ("**Lease Area**") for conducting mining operations for a period of 50 years, commencing from the date on which this duly executed mining lease deed is registered with respect to following mineral(s), [**Limestone**] ("**Minerals**").

For: ECO CEMENTS LTD.
Director

- 2.2 The Lease shall be with respect to all those the mines beds/veins seams of the Minerals situated lying and being in or under the Lease area.
- 2.3 Subject to the Lessee paying the royalties and making other payments required to be paid and observing and performing all the covenants and agreement herein contained and on the part of the Lessee to be observed and performed shall and may quietly hold and enjoy the rights and premises of the Lease Area for and during the term hereby granted without any unlawful interruption from or by the State Government, or any person rightfully claiming under it.

3. RIGHTS AND OBLIGATIONS:-

- 3.1 The rights and obligations of the state Government and he Lessee shall be as specified in the Act and the rules made there under, including without limitation the Minerals (Other than Atomic and Hydro carbons Energy Minerals) Concession Rules, 2015 and the Mine Development and Production Agreement dated (date)
- 3.2 Without prejudice to the generality of the foregoing -
- (a) The Lessee shall:
- (i) at all times comply with the provisions of the Act and the rules made there under and any other applicable law;
 - (ii) Make prompt payment of royalty and any other payment required to be made by the Lessee;
 - (iii) pay such compensation as my be assessed by lawful authority in accordance with the law in force on the subject for all damage, injury or disturbance which may be done by the Lessee in exercise of the powers granted by this Lease and to indemnify and keep indemnified fully and completely the State Government against all claims which may be by any person or persons in respect of any such damage, injury or disturbance and all costs and expenses in connection therewith;
 - (iv) take measures, at his own expenses for the protection of environment like planting of trees, reclamation of mined land use of pollution-control devices and such other measures as may be prescribed by the Central or State Government from time to time;
 - (v) without delay send to the Deputy Commissioner/Collector a report of any accident causing death or serious bodily injury or serious injury to property or seriously affecting or endangering life or property which may occur in the course of the operations under this Lease ;
 - (vi) weight or cause to measured or weighed upon some part of the lease Area all minerals from time to time won from the Lease Area, with [07 days] prior notice being given to the Deputy Commissioner/Collector every such measuring or weighing in order that he or some person on his behalf may be present thereat ;
 - (vii) submit to the State government a full report of the work done by the Lessee and disclose all information acquired by the Lessee in the course of the operations carried on under this Lease regarding the geology and minerals resources of the area covered by the Lease ; and

For: ECO CEMENTS LTD.

WJ

Director

(viii) pay stamp duty and registration charges as may be applicable in respect of this deed.

(b) The State Government shall:

- (i) have the rights to at all times to enter into and upon and to grant or demise to any person or persons whomsoever liberty to enter into and upon the Lease Area for all or any purposes other than those for which sole rights and Lease are hereby expressly conferred upon the Lessee, including without limitation, to make on, over or through the said lands such roads, tramways and ropeways as shall be considered necessary or expedient for any purposes and to obtain from and out of the said lands such stone, earth or other materials as may be necessary or requisite for making repairing or maintaining such roads, tramways, railways and ropeways to pass and repass at all times over and along such roads, tramways, railways and ropeways for all purposes and as occasion shall require ;
- (ii) have the right to appropriate any performance security provided by the Lessee in accordance with terms of such performance security and require the Lessee to replenish the performance security. In case the performance security has been provided through a security deposit after termination of the Lease and fulfilment of all obligations of the Lessee, such security deposit shall be returned to the Lessee after appropriate deductions. It is clarified that the security deposit shall not carry any interest; and
- (iii) have the right to carry out or perform any work or matters which in accordance with the covenants in that behalf are to be carried out or performed by the Lessee, but have not been so carried out or performed within the time specified In that behalf, and the Lessee, shall pay the State Government on demand all expenses which shall be incurred in such carrying out or performance of the same.

3.3 If the State Government is desirous of exercising its right of pre-emption with respect to any minerals(s), the State Government shall pay the average sale price of such minerals as published by IBM prevailing at the time of pre-emption.

3.4 In the event of the existence of a state of war or emergency (for which existence the President of India Shall be the sole judge and a notification to this effect in the Gazette of India shall be conclusive proof) the State Government with the consent of the Central Government shall from time to time and all times during the said term have the right (to be exercised by a notice in writing to the Lessee/Lessees) forthwith take possession and control of the works plant, premises and minerals provided that fair compensation, which shall be determined in default of agreement by the State Government shall be paid to the Lessee for all loss or damage sustained by him/them by reason or in consequence of the exercises of the powers conferred by this clause and provided also that the exercise of such power shall not determine the said term hereby granted of affect the terms and provisions of this clause.

3.5 If after the receipt of an offer compensation for any damages which is likely to arise from the proposed operation of the Lessee, the occupier of the surface of any

For: ECO CEMENTS LTD.
WJW
Director



part of the said lands shall refuse his consent to the exercise of the rights and powers reserved to the State Government and granted by this Lease, the Lessee shall report the matter to the State Government and shall deposit with it the amount offered as compensation and if the State Government is satisfied that the amount of compensation is reasonable or if it is not so satisfied and the Lessee shall have deposited with it such further amount as the State Government may consider reasonable, the State Government shall order the occupier to allow the Lessee to enter upon the said land and carry out such operations as may be necessary for the purpose of the Lease. In assessing the amount of such compensation the State Government shall be guided by the principles of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation & Resettlement Act, 2013.

- 3.6 Every notice required to be given to the Lessee shall be given in writing to such person as may be nominated by the Lessee and such nomination shall be informed to the State Government in writing. If no such nomination is made then the notice shall be sent to the Lessee by registered post/speed post addressed to the Lessee at the address shown in the application for the Lease or at such other address in India as the Lessee may designate from time to time and every such service shall be deemed to be proper and valid service upon the Lessee and shall not be questioned or challenged by him.
- 3.7 If in any event the orders of the State Government are revised, reviewed or cancelled by the Central Government in pursuance of proceeding under the Minerals (other than Atomic and Hydro Carbons Energy Minerals) Concession Rules 2015, the Lessee shall not be entitled to compensation for any loss sustained by the Lessee in exercise of the powers and privileges conferred upon the Lessee by these presents.

***ADDITIONAL CONDITION:**

The lessee shall follow condition for captive use of mineral from this lease as written in clause 14 of ML grant order no. F-3-86/2015/12/1 Bhopal dated 06.10.2018

4. GOVERNING LAW

This Lease and all questions of its interpretation shall be construed in accordance with the laws of India. In the event of any dispute in relation to this Lease and in respect of all matters touching the relationship of the Lessee and the State Government suits of petitions shall be filed in civil courts at **Panna** or in the High court having jurisdiction over the said city and it is hereby expressly agreed that neither party shall file a suit or appeal or bring any actions at any place other than courts named above.

SCHEDULE A - LIST OF PERSONS. (Directors)

Sr.No.	Name of Director	Pan Number	Address
1.	Mr. Bipin Kumar Agrawal	AGVPA5517F	72, Jawahar Nagar, Extension, Bhelupur, Varanasi-221010 (U.P.) India
2.	Mr. Sujeet Kumar Agrawal	ACSPA4629F	72, Jawahar Nagar, Extension, Bhelupur, Varanasi-221010 (U.P.) India
3.	Mr. Sanjeev Kumar Saraogi	ABTPK3915E	B-25/33, Plot No. 202, Jawahar Nagar, Extension, Bhelupur, Varanasi-221010 (U.P.) India
4.	Mr. Motilal Goyal	ACJPA5414B	Hariyana Bhawan, Panna Naka, Satna (M.P.)

For: ECO CEMENTS LTD.

WTJ
Director



SCHEDULE B - AREA OF MINING LEASE (1793.59 Hects)

The Mining Lease area is situated at Village Beli, Barhakala, Hinouti Teshil Gunour, Village Chikalhai, Daharra, Gaura, Ghatari, Hinouta mishra, Kanti, Mahewa, Patelpura, Pawaiya, Tehsil- Amanganj District – Panna (M.P.) Cadastral survey nos. As per enclosed Khasra Schedule list containing an area 1793.59 Hectares or there abouts delineated on the plan.

Sr. No.	Village	Tehsil	Area (in hect.)
1	Daharra	Amanganj	85.52
2	Pawaiya	Amanganj	231.50
3	Ghatari	Amanganj	0.00
4	Patelpura	Amanganj	87.10
5	Gaura	Amanganj	270.85
6	Kanti	Amanganj	72.74
7	Chikalhai	Amanganj	195.17
8	HinoutaMishra	Amanganj	54.20
9	Mahewa	Amanganj	17.78
10	Beli	Gunour	352.12
11	Hinouti	Gunour	6.40
12	Barhakala	Gunour	420.21
Total			1793.59

(as per enclosed map)

On the North by Village- Torah, Jamuniya, Barsobha, Satwa

On the South by Village- Hinouti, Mahewa

On the East by Girwahi

AND

On the West by Village- Ghatari, Mukeha

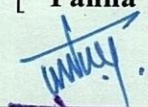
The Mining Lease area is bounded by Latitudes and longitudes on Toposheet No. 63D/3 as follows:

Latitude - 24°23'10.44" to 24°28'34.00" North

Longitude - 80°04' 21.03" to 80°11'38.65" East

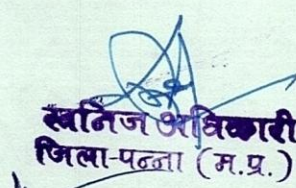
In witness where of there presents have been executed at the [Panna] on [dated 04-06-2019..].

Signed by

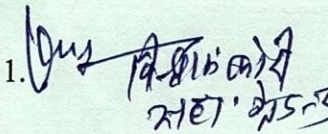

कलेक्टर
जिला-पन्ना (म.प्र.)
Collector

District: Panna

for and behalf of the Governor /
President of India in the presence of

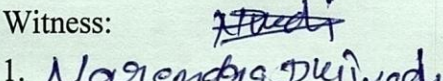

स्वनिज अधिकारी
जिला-पन्ना (म.प्र.)

Witness:

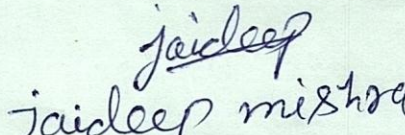
1. 
सह' 65-3

2.

Witness:

1. 
Narendra Duiwedi

2.


jaideep
jaideep mishra

(Signature & Seal of Lessee)

For: ECO CEMENTS LTD.


Director



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

Lease Deed
Registration

पंजीयन प्रमाणपत्र

पंजीकरण का विवरण

ई पंजीकरण संख्या	MP283052019A1710144
पंजीकरण की तिथि	17/10/2019
ई-पंजीयन प्रमाणपत्र के प्रिन्ट करने की तिथि	17/10/2019
संपत्ति का मूल्य(यदि लागू है)	1669529640
प्रतिफल राशि / प्रतिभूत राशि / प्रीमियम राशि (रूपये)	0
पंजीयन शुल्क (रूपये)	9192150
कुल स्टाम्प शुल्क (रूपये)	13481820
उप पंजीयक का नाम	rameshwar ahirwar
उप पंजीयक कार्यालय का नाम	उप पंजीयक कार्यालयपन्ना

पट्टादाता- स्वयं

नाम	श्री कर्मवीर शर्मा
पिता/पति का नाम	--
पता	कलेक्टर कार्यालय पन्ना म0प्र0, पन्ना, मध्य प्रदेश, भारत

पट्टेदार- स्वयं

संगठन का नाम	ईको सीमेन्ट्स लिमिटेड
अधिकृत व्यक्ति का नाम	मोतीलाल गोयल
पता	हरियाणा भवन पन्ना नाका सतना, जिला-सतना म.प्र., सतना, मध्य प्रदेश, भारत

उप पंजीयक के हस्ताक्षर

CERTIFIED COPY 251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश



स्टाम्प शुल्क का प्रमाण पत्र

ई स्टाम्प विवरण

ई स्टाम्प कोड	01012810102019011894		
ई स्टाम्प राशि (रुपए)	13481820		
शासकीय स्टाम्प ड्यूटी (रुपए)	12256200	नगर पालिका ड्यूटी (रुपए)	0
जनपद ड्यूटी (रुपए)	0	उपकर राशि (रुपए)	1225620
छूट दी गई राशि (रुपए)	0		
ई स्टाम्प का प्रकार	गैर न्यायिक		
निर्गमन तिथि एवं समय	10/10/2019 19:31:09		
यूजर आईडी / जारीकर्ता	lokesh sharma/SP012845206201500001		
एस पी / एस आर ओ / डी आर ओ / एच ओ विवरण	DHAM MOHALLA PANNA पन्ना पन्ना		

डीड विवरण

विलेख का प्रकार	पट्टा
लिखत	किसी भी कालावधि का खनन पट्टा, जिसके अंतर्गत अवर-पट्टा या उप-पट्टा तथा पट्टे या उप पट्टे पर देने या किसी पट्टे का नवीकरण करने के लिए कोई करार सम्मिलित है - ऐसे पट्टे के अधीन देय या परिदेय पूरी रकम का 0.75 प्रतिशत।
उद्देश्य	पट्टा

पहले पक्ष के विवरण

नाम	श्री कर्मवीर शर्मा
पता	कलेक्टर कार्यालय पन्ना म0प्र0
व्यक्तियों की संख्या	1

दूसरे पक्ष के विवरण

संगठन का नाम	ईको सीमेन्ट्स लिमिटेड
पता	हरियाणा भवन पन्ना नाका सतना, जिला-सतना म.प्र.
व्यक्तियों की संख्या	1

SCHEDULE VII[Refer rules 7 (11), 8 (4), 9 (2), 12 (1)(d)]FORMAT OF MINING LEASE

CERTIFIED COPY 251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

This deed for grant of a mining lease ("Lease") is made by and between the following:-

PARTIES:

- 1.The Governor of Madhya Pradesh, acting through The Collector, District Panna M.P./ (Department of Mines and Geology of the State) (the " State Government) AND
- 2.Eco Cements Ltd. 72, Jawahar Nagar Extension, Bhelupur Varanasi (U.P.) a company p-registered under company Act, 1956 [incorporated in India under the Companies Act, [1 of 1956] with corporate identity number [CIN U26941WB2007PLC116037] whose registered office is at [Registrar of Compnies, West Bengal, Govt. of India, West Bengal] India and principal place of business is at [address of principal place of business, if different from registered office]] OR [an individual who is citizen of India, having income tax permanent account number [number], residing at [address] OR [persons listed in SCHEDULE A organized as a [firm/association of persons] in the name of [name of the firm or association of individuals] all of the whom are Indian citizens and resident in India] (the "Lessee")

BACKGROUND

A.The Lessee [had participated in an electronic auction for grant of mining lease, pursuant to which the Lessee has become eligible for grant of a mining lease]

OR

[had participated in an electronic auction for grant of a prospecting license cum mining lease, pursuant to which the Lessee has become eligible for grant of a mining lease)

OR

had been granted a prospecting license on dt. 16.04.2013 by Government Order No.F 2-2/2011/12/1, with respect to which the Lessee has completed the requirements under the Mines and Minerals (Development and Regulation) Act, 1957 ("Act") and rules made there under for grant of a mining lease by Government order No. F-3-86/2015/12/1 Bhopal dated 06.10.2018 for a period of 50 years.

B.Accordingly, the State Government is now executing this deed for grant of Lease to the Lessee in consideration of the fee, royalties covenants and

CERTIFIED COPY 251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

प्रस्तुति मुद्रा :

ईको सीमेन्ट्स लिमिटेड

प्रतिनिधित्व:- मोतीलाल गोयल



mtl



के द्वारा उप जिला पन्ना जिला पन्ना के उप पंजीयक कार्यालय में तारीख 17/10/2019 को मध्यान्ह पूर्व/मध्यान्ह पश्चात 05:23:25 बजे प्रस्तुत किया गया।

rameshwar prasad ahirwar
उप पंजीयक
उप पंजीयक कार्यालयपन्ना

CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

agreements hereinafter reserved and contained on the part of the Lessee to be paid, observed and performed.

1. DEFINITIONS -

The expressions used in this Lease shall have the same meaning as ascribed to them under the Act the rules made there under.

2. GRANT OF LEASE

2.1 The State Government hereby grants the lease to the Lessee over an area of 1793.59 hecets. Described in Schedule B ("Lease Area") for conducting mining operations for a period of 50 years, commencing from the date on which this duly executed mining lease deed is registered with respect to following mineral(s), [Limestone] ("Minerals").

2.2 The Lease shall be with respect to all those the mines beds/veins seams of the Minerals situated lying and being in or under the Lease area.

2.3 Subject to the Lessee paying the royalties and making other payments required to be paid and observing and performing all the covenants and agreement herein contained and on the part of the Lessee to be observed and performed shall and may quietly hold and enjoy the rights and premises of the Lease Area for and during the term hereby granted without any unlawful interruption from or by the State Government, or any person rightfully claiming under it.

3. RIGHTS AND OBLIGATIONS:-

3.1 The rights and obligations of the state Government and he Lessee shall be as specified in the Act and the rules made there under, including without limitation the Minerals (Other than Atomic and Hydro carbons Energy Minerals) Concession Rules, 2015 and the Mine Development and Production Agreement dated (date)

3.2 Without prejudice to the generality of the foregoing -

(a) The Lessee shall:

(i) at all times comply with the provisions of the Act and the rules made there under and any other applicable law;

(ii) Make prompt payment of royalty and any other payment required to be made by the Lessee;

(iii) pay such compensation as my be assessed by lawful authority in accordance with the law in force on the subject for all damage, injury or

CERTIFIED COPY 251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

निष्पादन की मुद्रा :

श्री कर्मवीर शर्मा

--

पता: कलेक्टर कार्यालय पन्ना म0प्र0

ईको सीमेन्ट्स लिमिटेड

प्रतिनिधित्व:-

मोतीलाल गोयल

पता: हरियाणा भवन पन्ना नाका सतना, जिला-सतना
म.प्र.

स्वीकार करते हैं कि कथित पट्टा विलेख का निष्पादन किया गया था और प्रतिफल के पूर्ण रूप 0 प्राप्त हो गये हैं तथा रूप 0 उन्हें मेरी उपस्थिति में चुकाये गये थे और प्रतिफल की बकाया रकम रूप 0 बच गयी है, जो पंजीयन के बाद प्राप्त होगी । तारीख 17/10/2019

rameshwar prasad ahirwar
उप पंजीयक
उप पंजीयक कार्यालयपन्ना

CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

disturbance which may be done by the Lessee in exercise of the powers granted by this Lease and to indemnify and keep indemnified fully and completely the State Government against all claims which may be by any person or persons in respect of any such damage, injury or disturbance and all costs and expenses in connection therewith;

(iv)take measures, at his own expenses for the protection of environment like planting of trees, reclamation of mined land use of pollution-control devices and such other measures as may be prescribed by the Central or State Government from time to time:

(v)without delay send to the Deputy Commissioner/Collector a report of any accident causing death or serious bodily injury or serious injury to property or seriously affecting or endangering life or property which may occur in the course of the operations under this Lease ;

(vi)weight or cause to measured or weighed upon some part of the lease Area all minerals from time to time won from the Lease Area, with [07 days] prior notice being given to the Deputy Commissioner/Collector every such measuring or weighing in order that he or some person on his behalf may be present thereat ;

(vii)submit to the State government a full report of the work done by the Lessee and disclose all information acquired by the Lessee in the course of the operations carried on under this Lease regarding the geology and minerals resources of the area covered by the Lease ; and

(viii)pay stamp duty and registration charges as my be applicable in respect of this deed.

(b)The State Government shall:

(i)have the rights to at all times to enter into and upon and to grant or demise to any person or persons whomsoever liberty to enter into and upon the Lease Area for all or any purposes other than those for which sole rights and Lease are hereby expressly conferred upon the Lessee, including without limitation, to make on, over or through the said lands such roads, tramways and ropeways as shall be considered necessary or expedient for any purposes and to obtain from and out of the said lands such stone, earth or other materials as may be necessary or requisite for making repairing or maintaining such roads, tramways, railways and ropeways to pass and repass at all times over and along such roads, tramways,railways and ropeways for all purposes and as

CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

गवाह मुद्रा :

JAYDEEP MISHRA

पुत्र/आत्मज RAMLAL

पता: GRAM ARVIND NAGAR RAM TEKARI
TEH DSITT SATNA M P

NARENDRA DWIVEDI

पुत्र/आत्मज RAMCHARAN

पता: WARD NO-26 DHAWARI GALI NO-01
SATNA TEH DSITT SATNA M P

की जांच पूर्वोक्त निष्पादक / निष्पादकों की शिनाख्त के विषय में की गयी है । तारीख 17/10/2019

rameshwar prasad ahirwar
उप पंजीयक
उप पंजीयक कार्यालयपत्रा

CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

occasion shall require ;

(ii) have the right to appropriate any performance security provided by the Lessee in accordance with terms of such performance security and require the Lessee to replenish the performance security. In case the performance security has been provided through a security deposit after termination of the Lease and fulfilment of all obligations of the Lessee, such security deposit shall be returned to the Lessee after appropriate deductions. It is clarified that the security deposit shall not carry any interest; and

(iii) have the right to carry out or perform any work or matters which in accordance with the covenants in that behalf are to be carried out or performed by the Lessee, but have not been so carried out or performed within the time specified in that behalf, and the Lessee, shall pay the State Government on demand all expenses which shall be incurred in such carrying out or performance of the same.

3.3 If the State Government is desirous of exercising its right of pre-emption with respect to any minerals(s), the State Government shall pay the average sale price of such minerals as published by IBM prevailing at the time of pre-emption.

3.4 In the event of the existence of a state of war or emergency (for which existence the President of India shall be the sole judge and a notification to this effect in the Gazette of India shall be conclusive proof) the State Government with the consent of the Central Government shall from time to time and all times during the said term have the right (to be exercised by a notice in writing to the Lessee/Lessees) forthwith take possession and control of the works plant, premises and minerals provided that fair compensation, which shall be determined in default of agreement by the State Government shall be paid to the Lessee for all loss or damage sustained by him/them by reason or in consequence of the exercises of the powers conferred by this clause and provided also that the exercise of such power shall not determine the said term hereby granted or affect the terms and provisions of this clause.

3.5 If after the receipt of an offer compensation for any damages which is likely to arise from the proposed operation of the Lessee, the occupier of the surface of any part of the said lands shall refuse his consent to the exercise of the rights and powers reserved to the State Government and granted by this

CERTIFIED COPY 251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

अंगुष्ठ चिन्ह मुद्रा :



nikhailin
अभिज्ञ
अभिज्ञ मूलक अंक



इस दस्तावेज के निष्पादक के अंगूठे का निशान मेरे द्वारा/मेरी उपस्थिति में दिनांक 17/10/2019 को लिया गया ।

Rameshwar

rameshwar prasad ahirwar
उप पंजीयक
उप पंजीयक कार्यालयपत्रा



MHL



इस दस्तावेज के निष्पादक मोतीलाल गोयल के अंगूठे का निशान मेरे द्वारा/मेरी उपस्थिति में दिनांक 17/10/2019 को लिया गया ।

Rameshwar

rameshwar prasad ahirwar
उप पंजीयक
उप पंजीयक कार्यालयपत्रा

गवाह मुद्रा :



Jaydeep



JAYDEEP MISHRA



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

Lease, the Lessee shall report the matter to the State Government and shall deposit with it the amount offered as compensation and if the State Government is satisfied that the amount of compensation is reasonable or if it is not so satisfied and the Lessee shall have deposited with it such further amount as the State Government may consider reasonable, the State Government shall order the occupier to allow the Lessee to enter upon the said land and carry out such operations as may be necessary for the purpose of the Lease. In assessing the amount of such compensation the State Government shall be guided by the principles of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation & Resettlement Act, 2013.

3.6 Every notice required to be given to the Lessee shall be given in writing to such person as may be nominated by the Lessee and such nomination shall be informed to the State Government in writing. If no such nomination is made then the notice shall be sent to the Lessee by registered post/speed post addressed to the Lessee at the address shown in the application for the Lease or at such other address in India as the Lessee may designate from time to time and every such service shall be deemed to be proper and valid service upon the Lessee and shall not be questioned or challenged by him.

3.7 If in any event the orders of the State Government are revised, reviewed or cancelled by the Central Government in pursuance of proceeding under the Minerals (other than Atomic and Hydro Carbons Energy Minerals) Concession Rules 2015, the Lessee shall not be entitled to compensation for any loss sustained by the Lessee in exercise of the powers and privileges conferred upon the Lessee by these presents.

***ADDITIONAL CONDITION:**

The lessee shall follow condition for captive use of mineral from this lease as written in clause 14 of ML grant order no. F-3-86/2015/12/1 Bhopal dated 06.10.2018

4. GOVERNING LAW

This Lease and all questions of its interpretation shall be construed in accordance with the laws of India. In the event of any dispute in relation to this Lease and in respect of all matters touching the relationship of the Lessee and the State Government suits of petitions shall be filed in civil courts at Panna or

CERTIFIED COPY 251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

गवाह मुद्रा :



Narender Dwivedi



NARENDRA DWIVEDI

CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

in the High court having jurisdiction over the said city and it is hereby expressly agreed that neither party shall file a suit or appeal or bring any actions at any place other than courts named above.

5. (i) Total Royalty for whole period of 50 years at Rs. 80 per metric tonne is Rs. 1634160000.00 on flat rate.

(ii) If any, Lessee is Responsible for less stamp duty and registration fees.

SCHEDULE A – LIST OF PERSONS.(Directors)

Sr.No.Name of DirectorPan NumberAddress

- 1.Mr. Bipin Kumar AgrawalAGVPA5517F72, Jawahar Nagar, Extension, Bhelupur, Varanasi-221010 (U.P.) India
- 2.Mr. Sujeet Kumar AgrawalACSPA4629F72, Jawahar Nagar, Extension, Bhelupur, Varanasi-221010 (U.P.) India
- 3.Mr. Sanjeev Kumar SaraogiABTPK3915EB-25/33, Plot No. 202, Jawahar Nagar, Extension, Bhelupur, Varanasi-221010 (U.P.) India
- 4.Mr. Motilal GoyalACJPA5414BHariyana Bhawan, Panna Naka, Satna (M.P.)

SCHEDULE B – AREA OF MINING LEASE (1793.59 Hects)

The Mining Lease area is situated at Village Beli, Barhakala, Hinouti Teshil Gunour, Village Chikalhai, Daharra, Gaura, Ghatari, Hinouta mishra, Kanti, Mahewa, Patelpura, Pawaiya, Tehsil- Amanganj District - Panna (M.P.) Cadastral survey nos. As per enclosed Khasra Schedule list containing an area 1793.59 Hectares or there abouts delineated on the plan.

Sr. No.VillageTehsilArea (in hect.)

- 1DaharraAmanganj85.52
- 2PawaiyaAmanganj231.50
- 3GhatariAmanganj0.00
- 4PatelpuraAmanganj87.10
- 5GauraAmanganj270.85
- 6KantiAmanganj72.74
- 7ChikalhaiAmanganj195.17
- 8HinoutaMishraAmanganj54.20
- 9MahewaAmanganj17.78
- 10BeliGunour352.12
- 11HinoutiGunour6.40
- 12BarhakalaGunour420.21

CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

स्टाम्प शुल्क मुद्रा:

स्टाम्प शुल्क	12256200
नगरीय शुल्क	0
जनपद पंचायत शुल्क	0
उपकर	1225620
अतिरिक्त शुल्क	0
चुकाया गया स्टाम्प शुल्क	13481820

rameshwar prasad ahirwar
उप पंजीयक
उप पंजीयक कार्यालयपत्रा

CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

Total 1793.59

(as per enclosed map)

On the North by Village- Torah, Jamuniya, Barsobha, Satwa

On the South by Village- Hinouti, Mahewa

On the East by Girwahi

AND

On the West by Village- Ghatari, Mukeha

The Mining Lease area is bounded by Latitudes and longitudes on Toposheet

No. 63D/3 as follows:

Latitude-24°23'10.44" to 24°28'34.00" North

Longitude-80°04' 21.03" to 80°11'38.65" East

10.10.2019.

-----Please turn over/कृपया पृष्ठ पलटिये।-----

CERTIFIED COPY 251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

संपत्ति विवरण अनुलग्नक

संपत्ति आईडी	28361201903909523						
संपत्ति का प्रकार	कृषि भूमि						
संपत्ति का सीमा चिन्ह :	--						
संपत्ति का पता :	स्थित बांके ग्राम गौरा, प.ह.नं. 34, तहसील अमानगंज, जिला-पन्ना म.प्र.						
विकास खण्ड (विकास खंड) :	गुनौर						
राजस्व निरीक्षक वृत्त :	अमानगंज						
लेआउट का विवरण :	--						
नजूल / शीट क्रमांक :	--						
भूखण्ड क्रमांक :	--						
खसरा का विवरण और चतुर्सीमा का विवरण							
खसरा क्रमांक	खसरा क्षेत्रफल(वर्ग मीटर)	लगान / भूमि राजस्व (रूपये)	ऋण पुस्तिका क्रमांक	उत्तरी सीमा	दक्षिण सीमा	पूर्व सीमा	पश्चिम सीमा
GOURA	270.85	0	NA	Village Torah Jamuniya Barsobha Satwa	Village Hinouti Mahewa	Girwahi	Village Ghatari Mukeha
अतिरिक्त अपलोड							
a_0_0.jpg							

CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

जिला	पन्ना					
तहसील	अमानगन्ज					
क्षेत्र प्रकार	ग्राम - क्षेत्र					
उप क्षेत्र प्रकार	नान प्लानिंग क्षेत्र					
पटवारी हल्का / गांव	पटवारी हल्का 34					
ग्राम / मोहल्ला / कालोनी	ग्राम गौरा					
क्या एक से अधिक क्रेता है?	नहीं					
क्या क्रेता एक ही परिवार के हैं?	नहीं					
क्रेताओं की संख्या	0					
क्या आप अपने हिस्से का खुलासा करना चाहते हैं?	नहीं					
क्या कृषि भूमि पर पेड़ हैं?	नहीं					
संपत्ति 1 : व्यपवर्तित						
क्षेत्र का विवरण (हेक्टेयर)						
भूमि का कुल क्षेत्रफल	आवासीय भूमि का क्षेत्रफल	व्यवसायिक भूमि का क्षेत्रफल	औद्योगिक भूमि का क्षेत्रफल	शिक्षा इकाइयों के लिए आरक्षित क्षेत्र	स्वास्थ्य इकाइयों के लिए आरक्षित	अन्य क्षेत्र
270.85	0	270.85	0	0	0	0
क्या कृषि भूमि पर कोई निर्माण है?					नहीं	

प्रॉपर्टी पर लागू उपबंध

क्या भूमि का उपयोग मुख्य खनिज उत्खनन(गौण खनिज छोडकर)हेतु निर्धारित है। - हाँ



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

संपत्ति विवरण अनुलग्नक

संपत्ति आईडी	28361201903909488						
संपत्ति का प्रकार	कृषि भूमि						
संपत्ति का सीमा चिन्ह :	--						
संपत्ति का पता :	स्थित बांके ग्राम डहरा, प.ह.नं. 43, तहसील अमानगंज, जिला-पन्ना म.प्र.						
विकास खण्ड (विकास खंड) :	गुनौर						
राजस्व निरीक्षक वृत्त :	अमानगंज						
लेआउट का विवरण :	--						
नजूल / शीट क्रमांक :	--						
भूखण्ड क्रमांक :	--						
खसरा का विवरण और चतुर्सीमा का विवरण							
खसरा क्रमांक	खसरा क्षेत्रफल(वर्ग मीटर)	लगान / भूमि राजस्व (रूपये)	ऋण पुस्तिका क्रमांक	उत्तरी सीमा	दक्षिण सीमा	पूर्व सीमा	पश्चिम सीमा
DAHARRA	85.52	0	NA	Village Torah Jamuniya Barsobha Satwa	Village Hinouti Mahewa	Girwahi	Village Ghatari Mukeha
अतिरिक्त अपलोड							
a_0.jpg							

CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

जिला	पन्ना					
तहसील	अमानगन्ज					
क्षेत्र प्रकार	ग्राम - क्षेत्र					
उप क्षेत्र प्रकार	नान प्लानिंग क्षेत्र					
पटवारी हल्का / गांव	पटवारी हल्का 43					
ग्राम / मोहल्ला / कालोनी	ग्राम डहरा					
क्या एक से अधिक क्रेता है?	नहीं					
क्या क्रेता एक ही परिवार के हैं?	नहीं					
क्रेताओं की संख्या	0					
क्या आप अपने हिस्से का खुलासा करना चाहते हैं?	नहीं					
क्या कृषि भूमि पर पेड़ है?	नहीं					
संपत्ति 1 : व्यपवर्तित						
क्षेत्र का विवरण (हेक्टेयर)						
भूमि का कुल क्षेत्रफल	आवासीय भूमि का क्षेत्रफल	व्यवसायिक भूमि का क्षेत्रफल	औद्योगिक भूमि का क्षेत्रफल	शिक्षा इकाइयों के लिए आरक्षित क्षेत्र	स्वास्थ्य इकाइयों के लिए आरक्षित	अन्य क्षेत्र
85.52	0	85.52	0	0	0	0
क्या कृषि भूमि पर कोई निर्माण है?					नहीं	

प्रॉपर्टी पर लागू उपबंध

क्या भूमि का उपयोग मुख्य खनिज उत्खनन(गौण खनिज छोडकर)हेतु निर्धारित है। - हाँ



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

संपत्ति विवरण अनुलग्नक

संपत्ति आईडी	28361201903909517						
संपत्ति का प्रकार	कृषि भूमि						
संपत्ति का सीमा चिन्ह :	--						
संपत्ति का पता :	स्थित बांके ग्राम पटेलपुरा, प.ह.नं. 34, तहसील अमानगंज, जिला-पन्ना म.प्र.						
विकास खण्ड (विकास खंड) :	गुनौर						
राजस्व निरीक्षक वृत्त :	अमानगंज						
लेआउट का विवरण :	--						
नजूल / शीट क्रमांक :	--						
भूखण्ड क्रमांक :	--						
खसरा का विवरण और चतुर्सीमा का विवरण							
खसरा क्रमांक	खसरा क्षेत्रफल(वर्ग मीटर)	लगान / भूमि राजस्व (रूपये)	ऋण पुस्तिका क्रमांक	उत्तरी सीमा	दक्षिण सीमा	पूर्व सीमा	पश्चिम सीमा
PATELPURA	87.10	00	NA	Village Torah Jamuniya Barsobha Satwa	Village Hinouti Mahewa	Girwahi	Village Ghatari Mukeha
अतिरिक्त अपलोड							
ं_0_0.jpg							

CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

जिला	पन्ना					
तहसील	अमानगन्ज					
क्षेत्र प्रकार	ग्राम - क्षेत्र					
उप क्षेत्र प्रकार	नान प्लानिंग क्षेत्र					
पटवारी हल्का / गांव	पटवारी हल्का 34					
ग्राम / मोहल्ला / कालोनी	ग्राम पटेलपुरा					
क्या एक से अधिक क्रेता है?	नहीं					
क्या क्रेता एक ही परिवार के हैं?	नहीं					
क्रेताओं की संख्या	0					
क्या आप अपने हिस्से का खुलासा करना चाहते हैं?	नहीं					
क्या कृषि भूमि पर पेड़ है?	नहीं					
संपत्ति 1 : व्यपवर्तित						
क्षेत्र का विवरण (हेक्टेयर)						
भूमि का कुल क्षेत्रफल	आवासीय भूमि का क्षेत्रफल	व्यवसायिक भूमि का क्षेत्रफल	औद्योगिक भूमि का क्षेत्रफल	शिक्षा इकाइयों के लिए आरक्षित क्षेत्र	स्वास्थ्य इकाइयों के लिए आरक्षित	अन्य क्षेत्र
87.1	0	87.1	0	0	0	0
क्या कृषि भूमि पर कोई निर्माण है?					नहीं	

प्रॉपर्टी पर लागू उपबंध

क्या भूमि का उपयोग मुख्य खनिज उत्खनन(गौण खनिज छोडकर)हेतु निर्धारित है। - हाँ



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

संपत्ति विवरण अनुलग्नक

संपत्ति आईडी	28361201903909506						
संपत्ति का प्रकार	कृषि भूमि						
संपत्ति का सीमा चिन्ह :	--						
संपत्ति का पता :	स्थित बांके ग्राम पवईया, प.ह.नं. 43, तहसील अमानगंज, जिला-पन्ना म.प्र.						
विकास खण्ड (विकास खंड) :	गुनौर						
राजस्व निरीक्षक वृत्त :	अमानगंज						
लेआउट का विवरण :	--						
नजूल / शीट क्रमांक :	--						
भूखण्ड क्रमांक :	--						
खसरा का विवरण और चतुर्सीमा का विवरण							
खसरा क्रमांक	खसरा क्षेत्रफल(वर्ग मीटर)	लगान / भूमि राजस्व (रूपये)	ऋण पुस्तिका क्रमांक	उत्तरी सीमा	दक्षिण सीमा	पूर्व सीमा	पश्चिम सीमा
PAWAIYA	231.50	0	NA	Village Torah Jamuniya Barsobha Satwa	Village Hinouti Mahewa	Girwahi	Village Ghatari Mukeha
अतिरिक्त अपलोड							
a_0_0.jpg							

CERTIFIED COPY 251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

जिला	पन्ना					
तहसील	अमानगन्ज					
क्षेत्र प्रकार	ग्राम - क्षेत्र					
उप क्षेत्र प्रकार	नान प्लानिंग क्षेत्र					
पटवारी हल्का / गांव	पटवारी हल्का 43					
ग्राम / मोहल्ला / कालोनी	ग्राम पवईया					
क्या एक से अधिक क्रेता है?	नहीं					
क्या क्रेता एक ही परिवार के हैं?	नहीं					
क्रेताओं की संख्या	0					
क्या आप अपने हिस्से का खुलासा करना चाहते हैं?	नहीं					
क्या कृषि भूमि पर पेड़ है?	नहीं					
संपत्ति 1 : व्यपवर्तित						
क्षेत्र का विवरण (हेक्टेयर)						
भूमि का कुल क्षेत्रफल	आवासीय भूमि का क्षेत्रफल	व्यवसायिक भूमि का क्षेत्रफल	औद्योगिक भूमि का क्षेत्रफल	शिक्षा इकाइयों के लिए आरक्षित क्षेत्र	स्वास्थ्य इकाइयों के लिए आरक्षित	अन्य क्षेत्र
231.5	0	231.5	0	0	0	0
क्या कृषि भूमि पर कोई निर्माण है?					नहीं	

प्रॉपर्टी पर लागू उपबंध

क्या भूमि का उपयोग मुख्य खनिज उत्खनन(गौण खनिज छोडकर)हेतु निर्धारित है। - हाँ



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

संपत्ति विवरण अनुलग्नक

संपत्ति आईडी	28363201903909539						
संपत्ति का प्रकार	कृषि भूमि						
संपत्ति का सीमा चिन्ह :	--						
संपत्ति का पता :	स्थित बांके ग्राम बरहाकला, प.ह.नं. 02, तहसील गुनौर, जिला-पन्ना म.प्र.						
विकास खण्ड (विकास खंड) :	गुनौर						
राजस्व निरीक्षक वृत्त :	गुनौर						
लेआउट का विवरण :	--						
नजूल / शीट क्रमांक :	--						
भूखण्ड क्रमांक :	--						
खसरा का विवरण और चतुर्सीमा का विवरण							
खसरा क्रमांक	खसरा क्षेत्रफल(वर्ग मीटर)	लगान / भूमि राजस्व (रूपये)	ऋण पुस्तिका क्रमांक	उत्तरी सीमा	दक्षिण सीमा	पूर्व सीमा	पश्चिम सीमा
BARAHKALA	420.21	00	NA	Village Torah Jamuniya Barsobha Satwa	Village Hinouti Mahewa	Girwahi	Village Ghatari Mukeha
KANTI	72.74	00	NA	Village Torah Jamuniya Barsobha Satwa	Village Hinouti Mahewa	Girwahi	Village Ghatari Mukeha
CHIKALHAI	195.17	00	NA	Village Torah Jamuniya Barsobha Satwa	Village Hinouti Mahewa	Girwahi	Village Ghatari Mukeha
HINOUTAMIS HRA	54.20	00	NA	Village Torah Jamuniya Barsobha Satwa	Village Hinouti Mahewa	Girwahi	Village Ghatari Mukeha

CERTIFIED COPY 251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

खसरा क्रमांक	खसरा क्षेत्रफल(वर्ग मीटर)	लगान / भूमि राजस्व (रूपये)	ऋण पुस्तिका क्रमांक	उत्तरी सीमा	दक्षिण सीमा	पूर्व सीमा	पश्चिम सीमा
MAHEBA	17.78	00	NA	Village Torah Jamuniya Barsobha Satwa	Village Hinouti Mahewa	Girwahi	Village Ghatari Mukeha
BELI	352.12	00	NA	Village Torah Jamuniya Barsobha Satwa	Village Hinouti Mahewa	Girwahi	Village Ghatari Mukeha
HINOUTI	6.40	00	NA	Village Torah Jamuniya Barsobha Satwa	Village Hinouti Mahewa	Girwahi	Village Ghatari Mukeha

अतिरिक्त अपलोड
_0_0_0.jpg

जिला	पन्ना
तहसील	गुन्नोर
क्षेत्र प्रकार	ग्राम - क्षेत्र
उप क्षेत्र प्रकार	नान प्लानिंग क्षेत्र
पटवारी हल्का / गांव	पटवारी हल्का 02
ग्राम / मोहल्ला / कालोनी	ग्राम बरहाकला
क्या एक से अधिक क्रेता है?	नहीं
क्या क्रेता एक ही परिवार के हैं?	नहीं
क्रेताओं की संख्या	0
क्या आप अपने हिस्से का खुलासा करना चाहते हैं?	नहीं
क्या कृषि भूमि पर पेड़ हैं?	नहीं

CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

संपत्ति 1 : व्यपवर्तित						
क्षेत्र का विवरण (हेक्टेयर)						
भूमि का कुल क्षेत्रफल	आवासीय भूमि का क्षेत्रफल	व्यवसायिक भूमि का क्षेत्रफल	औद्योगिक भूमि का क्षेत्रफल	शिक्षा इकाइयों के लिए आरक्षित क्षेत्र	स्वास्थ्य इकाइयों के लिए आरक्षित	अन्य क्षेत्र
1118.62	0	1118.62	0	0	0	0
क्या कृषि भूमि पर कोई निर्माण है?					नहीं	

प्रॉपर्टी पर लागू उपबंध

क्या भूमि का उपयोग मुख्य खनिज उत्खनन(गौण खनिज छोडकर)हेतु निर्धारित है। - हाँ


कुल मुद्रांक एवं छूट			
छूट मुद्रांक शुल्क (रु)	0.0	छूट पंजीयन शुल्क (रु)	0.0
कुल देय शुल्क (रु)	13481820	कुल देय पंजीयन शुल्क	9192150.0




रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश

मैं/हम इस दस्तावेज के सभी पृष्ठों के विवरणों एवं प्रविष्टियों को, दस्तावेज के आईडी 15065193 तथा ई-स्टाम्प कोड 01012810102019011894 सहित, एतद् द्वारा अभिप्रमाणित एवं पुष्टि करते हैं, तथा मेरे/अपने निम्नांकित हस्ताक्षरों से इस दस्तावेज को निष्पादित भी करते हैं।

प्रथम पक्षकार/ पक्षकारों के हस्ताक्षर:
नाम तथा पिता का नाम:

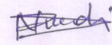

कलेक्टर
जिला-पन्ना (म.प्र.)

द्वितीय पक्षकार/ पक्षकारों के हस्ताक्षर :
नाम तथा पिता का नाम :

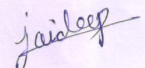

इकोसीमेन्स लिमिटेड अखिल
श्री मोतीलाल जैसल

अन्य पक्षकार/ पक्षकारों के हस्ताक्षर :
नाम तथा पिता का नाम :

गवाह 1 का नाम
पता
हस्ताक्षर
आईडी का टाईप तथा नम्बर


नरेन्द्र कुमार द्विवेदी उम्र 49
पिता श्री रामचरण द्विवेदी
त्रि० वार्ड नं. 26 चवारी गली
नम्बर 01 सतना (म.प्र.)
भा.घा.कॉड - 529705220883

गवाह 2 का नाम
पता
हस्ताक्षर
आईडी का टाईप तथा नम्बर


जयदीप मिश्रा उम्र 25
पिता श्री रामलाल मिश्रा
त्रि० अरविन्द नगर राम
टेकरी सतना (म.प्र.)
8543 8583 7832
भा.घा.कॉड

CERTIFIED COPY 251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश



CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश



CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश



CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश



CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश



CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश



CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश



CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश



CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश



CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग
मध्य प्रदेश



CERTIFIEDCOPY251020196931830



रजिस्ट्रीकरण एवं स्टाम्प विभाग मध्य प्रदेश

पंजीकरण मुद्रा :

इस दस्तावेज का इलेक्ट्रॉनिक पंजीयन दिनांक 17/10/2019 को क्रमांक
MP283052019A1710144 दे कर किया गया है। जिसमें 62 पृष्ठ समाविष्ट हैं

स्टाम्प शुल्क 13481820

पंजीयन शुल्क	9192150
प्रतिलिपि शुल्क	0
अधिक	0
योग	9192150

rameshwar prasad ahirwar
उप पंजीयक
उप पंजीयक कार्यालयपत्रा

CERTIFIEDCOPY251020196931830



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 सं0 MP/Panna/Limestone/MPLN /MOD-04/2021-22 5292 जबलपुर, दिनांक : 02/07/2021

प्रति,

Shri Bipin Agrawal (Nominated Owner),
M/s Eco Cements Limited,
72, Jawahar Nagar Extension, Bhelupur,
Varanasi-221010 (UP)
E-mail – ba.ecocement@gmail.com

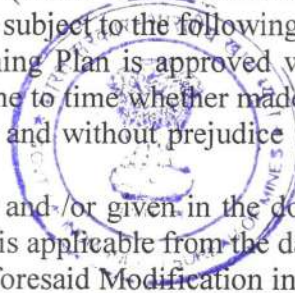
विषय:— म0प्र0 राज्य के जिले में स्थित आपकी अमानगंज लाइमस्टोन खान (क्षेत्र 1793.59 हे0) के एमसीआर-2016 के नियम 17 (3) के अंतर्गत जमा किए गए खनन योजना के पुनर्विलोकन का अनुमोदन।

- संदर्भ :-1) आपका पत्र क्रमांक – ECO/PANNA/MINES/RCM-IBM/LETTER/2021, दि0 25/01/2021, कार्यालय में प्राप्त दि0-19/05/2021, भारतकोश द्वारा जमा प्रक्रिया शुल्क की रसीद संख्या 2105210003930, दि0 21/05/2021
- 2) इस कार्यालय का समसंख्यक संवीक्षा-पत्र दि0- 18/06/2021
- 3) आपका/क्यू पी0 का पत्र क्रमांक – कुछ नहीं, दि0 25/06/2021 (प्राप्ति दि 29/06/2021)

महोदय,

In exercise of the powers conferred under 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 Review of Mining Plan submitted under Rule 17(1) of Minerals (Other than Atomic and Hydrocarbons Energy Minerals) Concession Rules, 2016. This approval is subject to the following conditions:

- 1 The Modification in approved 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 lessee and is applicable from the date of approval.
- 3 It is clarified that the approval of aforesaid Modification in approved 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 leasehold shown on the ground with reference to lease map & other plans furnished by the 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 This approval is restricted in respect of proposals given in the document for the period from 2021-22 to 2023-24 with validity up to 31/03/2024 from the date of approval, subject to all other statutory clearances.

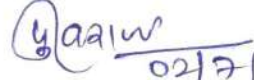


पुनः

- 7 If the approval conflicts with any other law or court order/direction under any statute, it shall be revoked immediately.
- 8 The modification in approved mining plan is approved subject to extension of period of mining lease as per Mines and Minerals (Development and Regulation) Amendment Act 2015.
- 9 As per Madhya Pradesh State Government's order dated 10/08/2011 if there is enhancement of production proposed from that in the approved review of mining plan under such circumstances additional stamp duty has to be paid by the lessee for the enhances quantum of production and also a supplementary agreement has to be made by the lessee.

संलग्न:-अनुमोदित पुनर्विलोकन खनन् योजना की एक प्रति के साथ।

भवदीय,


02/7/2021
(पुखराज नेणवाल)
क्षेत्रीय खान नियंत्रक
भारतीय खान ब्यूरो, जबलपुर

प्रतिलिपि :-

- 1) संचालक, संचालनालय भौमिकी तथा खनिकर्म, 'खनिज भवन' 29-ए, अरेरा हिल्स, भोपाल (म0प्र0) 462001 को अनुमोदित पुनर्विलोकन खनन् योजना की एक प्रति के साथ सूचनार्थ प्रेषित।
- 2) श्री विजय कुमार, 403, जयपुर सेंटर, टॉक रोड, जयपुर (राजस्थान) - 302018; Email - vijaykumar@jmenvironet.org; jmenviro@jmenvironet.org; vijaykn7@gmail.com

-sd-

(पुखराज नेणवाल)
क्षेत्रीय खान नियंत्रक
भारतीय खान ब्यूरो, जबलपुर

मूल प्रति में नहीं :-

- 1) खान नियंत्रक (मध्य), भारतीय खान ब्यूरो, नागपुर को अनुमोदित पुनर्विलोकन खनन् योजना की एक साफ्ट कापी के साथ रजिस्टर्ड डाक द्वारा सूचनार्थ प्रेषित।
- 2) पुनर्विलोकन खनन् योजना प्रति।

-sd-

(पुखराज नेणवाल)
क्षेत्रीय खान नियंत्रक
भारतीय खान ब्यूरो, जबलपुर



ANNEXURE IV
NOC CGWA



भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	Amanganj Limestone Mine (ml Area 1793.59 Ha) M/s. Eco Cements Ltd		
Project Address:	Beli,baraha Kala,hinouti,chikalhai,daharra,gaura,hinouta Mishra, Kanti,mahewa,patelpura,pawaiya, Tehsil-gunour And Amanganj		
Village:	Beli	Block:	Gunour
District:	Panna	State:	Madhya Pradesh
Pin Code:			
Communication Address:	H.no. B-27/70,, 4th Floor, Flat No.1, Barhar Kothi, Durgakund, Bhelupur, , Varanasi, Uttar Pradesh - 221010		
Address of CGWB Regional Office :	Central Ground Water Board North Central Region, Block-1, 4th Floor, Paryawas Bhawan, Area Hills, Jail Road, Bhopal, Madhya Pradesh - 462011		

1. NOC No.:	CGWA/NOC/MIN/ORIG/2021/12466											
2. Application No.:	21-4/999/MP/MIN/2020	3. Category: (GWRE 2017)	Safe									
4. Project Status:	New Project	5. NOC Type:	New									
6. Valid from:	04/08/2021	7. Valid up to:	03/08/2023									
8. Ground Water Abstraction Permitted:												
	Fresh Water		Saline Water	Dewatering		Total						
	m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year				
	100.00	33000.00			57.00	17102.40						
9. Details of ground water abstraction /Dewatering structures												
	Total Existing No.:0						Total Proposed No.:5					
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
Abstraction Structure*	0	0	0	0	0	0	0	0	2	0	0	0
Dewatering Structure*	0	0	0	0	0	0	0	0	0	0	3	0
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps												
10. Ground Water Abstraction/Restoration Charges paid (Rs.):							100204.80					
11. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.	No. of Piezometers						Monitoring Mechanism					
							Manual	DWLR**	DWLR With Telemetry			
**DWLR - Digital Water Level Recorder	1						0	1	0			

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये
SAVE WATER - SAVE LIFE

Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m³/d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCPE list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m³/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)