

जिला खनन कार्यालय, बक्सर

पत्रांक...../एम० दिनांक.....

सेवा में,

मेसर्स प्रताप इंटरप्राइजेज
आवेदक- मनोहर कुमार
निमैज टोला, वार्ड नो 24, पोस्ट - डुमराव
थाना - डुमराव , जिला - बक्सर

विषय:- खनन योजना (Mining Plan) अनुमोदन के सम्बन्ध में ।

महाशय,

उपर्युक्त विषय के सम्बन्ध में कहना है कि बक्सर जिला अंतर्गत, डुमराव थाना अंतर्गत, अंचल- डुमराव, ग्राम/मौजा- रामपुर, खाता संख्या- 175 खसरा संख्या- 1240 कुल रकबा 1.307 हेक्टेयर में लघु खनिज साधारण मिट्टी के खनन हेतु प्रस्तुत खनन योजना का अनुमोदन संयुक्त सचिव सह निदेशक बिहार, पटना के पत्रांक-4156/एम०, पटना दिनांक-27-12-16 के आलोक में निम्न शर्तों के साथ अनुमोदन किया जा रहा है:

1. खनन योजना का अनुमोदन 4393 घन मी० प्रतिवर्ष साधारण, मिट्टी के उत्पादन हेतु अनुमान्य किया गया है ।
2. साधारण मिट्टी के खनन की गहराई सतह 2 मी० गहराई से अधिक नहीं होगा ।
3. खनन कार्य ग्राउंड वाटर लेवल से कम से कम 2 मी० ऊपर तक सिमित रखा जायेगा ।
4. प्रस्तावित उत्खनन की गहराई के कम से कम आधे के बराबर चौड़ाई रखने वाले सटे मैदानों की सीमा से पट्टी छोड़ दी जाएगी ।
5. साधारण मिट्टी के खनन/उत्खनन से सम्बंधित क्रिया-कलाप में विस्फोटक का प्रयोग नहीं होगा ।
6. खनन/उत्खनन सम्बन्धी क्रिया-कलाप कार्य क्षेत्र के सामान्य जल निकासी के प्रतिरूप (पैटर्न) को परिवर्तित नहीं करेगा ।
7. खोदे गए/उत्खनित गड्ढा (पिट) को परियोजना प्रस्तावक द्वारा उपयोगी प्रयोजन (प्रयोजनों) के लिए पुनः स्थापित किया जायेगा ।
8. खोदे गए/उत्खनित गड्ढा के चारों ओर समुचित घेराबंदी कर दी जाएगी, ताकि किसी दुर्घटना से बचा जा सके ।
9. ढुलाई के दौरान खोदी गई / उत्खनित मिट्टी के फैलने से धूल उत्सर्जन को रोकने के लिए उपाय किये जाएंगे ।

10. साधारण मिट्टी के खनन/उत्खनन के कारण सृजित जलनिकायों में रोगवाहको (वेक्टर) के प्रजनन के कारण स्वास्थ्य खतरों के विरुद्ध सुरक्षा मानक अपनाये जाएँगे।
11. कामगारों/मजदूरों को पेयजल और सफाई सम्बन्धी सुविधायें प्रदान की जाएगी।
12. उत्खनन क्षेत्र की परिधि से किसी असैनिक संरचना की दूरी कम से कम 15 मीटर रखी जाएगी।
13. राष्ट्रीय पार्कों और वन्यप्राणी अभ्यारण्य की सीमा के 1 किलोमीटर के अन्दर उत्खनन के क्षेत्र के मामले में साधारण मिट्टी/उत्खनन की अनुमति नहीं दी जाएगी।
14. खनन योजना में खनन कार्य बेंच बनाकर किया जायेगा जिसकी अधिकतम उंचाई 1.0 मीटर एवं चौड़ाई कम से कम 3.0 मीटर होनी चाहिए।
15. खनन कार्य के दौरान निकाले गये टॉपसॉयल को व्यवस्थित रूप से एकत्रित कर रखा जाएगा, जिसे खनन कार्य समाप्त होने के उपरान्त उसी क्षेत्र में फैला दिया जायेगा।
16. खनन योजना में वर्णित भूमि के स्वामित्व तथा भूस्वामियों की सहमती से सम्बंधित अभिलेखों की पुष्टि करा लिया जाना अपेक्षित होगा।
17. खनन कार्य मानसून के समय में नहीं की जाएगी।
18. भविष्य में किसी प्रकार की कोई भी खनन योजना अथवा कार्य में पाई जाएगी तो खनन योजना स्वतः निरस्त माना जायेगा।

हो/-

खनिज विकास पदाधिकारी
जिला खनन कार्यालय
बक्सर

जापांक - 32/मु०/एम० दिनांक - 13-11-2024

प्रतिलिपि: R.Q.P डॉ० आशीष शर्मा हसीब विला नया टोला, लाइन बाजार, पूर्णिया, बिहार -
854301.

13/11/24

खनिज विकास पदाधिकारी
जिला खनन कार्यालय
बक्सर

Quarry Plan, EMP & Quarry Closure Plan

(Submitted under of Bihar Minor Mineral Concession (Amendment) Rule 2019)

OF

RAMPUR BRICK EARTHCLAY QUARRY MINE

Village - RAMPUR, Anchal — DUMRAON,

District - BUXAR, State — Bihar

Khasra No. 1240 & Khata No- 175

Lease Area — 1.307 Hect. Or 3.23 Acre (Non-Forest — 1.307 Hect.)

Lease Period - 5 Years

Plan Period - 5 Years



Category- B2
APPLICANT

M/S PRATAP ENTERPRISES

Mouza - DHAKAICH,

Anchal - DUMRAON,

District- BUXAR (Bihar)

Pin no. — 802119

PREPARED BY
Dr. Ashish Sharma

E-mail- econextconsultants@gmail.com, Mob. No: +91-7992448925

Registration No. RQP 9



M/s PRATAP ENTERPRISES

होमरेश झा
Proprietor

आशिश शर्मा
वनिक विकास अधिकारी
बुखार
22/12/24

Ashish sharma
Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No.-9

Quarry Plan
RAMPUR Brick Earthclay Quarry Mine , Area: 1.307 Hect.
of M/s PRATAP ENTERPRISES, BUXAR, Bihar

INDEX

CHAPTER	PARTICULARS	PAGE NO.
1	INTRODUCTION / GENERAL	1 - 1
2	LOCATION	2 - 3
3	GEOLOGY & EXPLORATION	4 - 6
4	RESERVES	7 - 8
5	DEVELOPMENT & PRODUCTION PROGRAMME	9 - 17
6	MANPOWER DEPLOYMENT	18 - 18
7	USE OF MINERAL	19 - 19
8	WASTE DISPOAL ARRANGEMENTS	20 - 20
9	ENVIRONMENTAL MANAGEMENT PLAN	21 - 28
10	MEASURES TO BE TAKEN FOR RECLAMATION OF LAND	29 - 29
11	QUARRY CLOSURE PLAN	30 - 38

INDEX OF ATTACHED DOCUMENTS

1	Letter For Submission of Mine Plan
2	Noc of Land Owner
3	Patwari Naksha and Khasra, B1, PII
4	Copy of lease Order
5	Copy of Lease Deed

Signature of lessee

M/s PRATAP ENTERPRISE

हमिद कुमार
Proprietor

Dr. Ashish Sharma

Dr. Ashish Sharma

Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

Quarry Plan
RAMPUR Brick Earthclay Quarry Mine , Area: 1.307 Hect.
of M/s PRATAP ENTERPRISES, BUNAR, Bihar

LIST OF PLATES

S. No.	PLATE DETAILS	PLATE NO.	SCALE
1	Cadastral Map	I	1:4000
2	Key / Location Map	II	1:50000
3	Google Map of the Area	III	-
4	Surface Geological Plan / Geological Section	IV	1:1000
5	Yearly Working Plan	V	1:1000
6	PMCP	VI	1:1000
7	Conceptual Mine Plan	VII	1:1000
8	Pollution Mitigation Measures Plan	VIII	1:1000
9	Cross Section Plan	IX	1:1000

Signature of lessee
M/s PRATAP ENTERPRISES

Pratap
Proprietor

Dr. Ashish Sharma

Dr. Ashish Sharma
Signature of RQP **Phd-Geology**
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

Quarry Plan
RAMPUR Brick Earthclay Quarry Mine, Area: 1.307 Hect.
of M/s PRATAP ENTERPRISES, BUXAR, Bihar

CHAPTER - 1
GENERAL

(a)	Name of Applicant	M/s PRATAP ENTERPRISES
	Village	DHAKAICH
	Tehsil	DUMRAON
	District	BUXAR
	State	Bihar
	PIN code	802119
(b)	Status of the Applicant	Private Individual
(c)	Mineral(s) which are occurring in area and which the applicant intends to Mine	Brick Earthclay
(d)	Period for which quarry lease is to be granted	5 Years
(e)	Name and address of the Recognized Qualified Person(RQP) preparing the Quarry plan	Dr. Ashish Sharma Address- Hasib Villa, Naya Tola Line Bazar Purnea, Bihar Cell: 9753385659; +91-7992448925 Email: ashish_78617@rediffmail.com
(f)	Registration No. of Recognized Qualified Person or authorization of the state	Registration No. RQP-09
(g)	Name of prospecting agency	-
(h)	Whether the area is prospected by the Directorate Geology and Mining, If yes then enclose a certified copy of prospecting report of DGM (P.L. Report may procedure as per rule).	-

Signature of lessee

M/s PRATAP ENTERPRISES

सोनीहर उमाक
 Proprietor

Dr. Ashish Sharma Registration No. RQP


Dr. Ashish Sharma
 Signature of RQP
 Approved RQP Dept. of Mines & Geology
 Govt. of Bihar Approved RQP List, SI No.-9

CHAPTER - 2

LOCATION

A. Detail of the Lease Area :

State		Bihar			
District		BUXAR			
Taluka		DUMRAON			
Village		RAMPUR			
Khasra No.		1240 & Khata No- 175			
Lease area (hectares)		1.307 Hect.			
Compartment number if the area is recorded to be in forest (please specify whether protected, reserve etc.)		Not Applicable			
Ownership/Occupancy		1240 & Khata No- 175		Private Land	
Existence of public Road/ railway line, if any, nearby and approximate distance		National Highway		NH 119 is 3.0 km at North	
		State Highway		Road at 5.0 km. west	
		Public Road		1 00 m in North	
		Railway Line		1 Km in North	
Toposheet No with Latitude/ Longitude		Toposheet No.			
Boundry Point	Latitude	Longitude	Boundry Point	Latitude	Longitude
A	N25° 34' 12.962"	E84° 10' 25.341"	E	0	0
B	N25° 34' 13.124"	E84° 10' 26.407"	F	0	0
C	N25° 34' 7.602"	E84° 10' 27.841"			
D	N25° 34' 7.064"	E84° 10' 23.640"			
Land Use Pattern (Forest, agricultural, grazing, barren, etc.)		(i) Forest		Forest (specify)	Area (ha)- Nil
		(ii) Non - forest Waste Land-		(i) Private Land	1.307 Hect. Area
				(ii) Grazing land,	Nil
				(iii) Agriculture	Nil
		(v) others (specify)	Nil		

The Khasra - wise detail of the applied lease area is as under:

Khasra No./ Compartment No.	Area		Type of land
	(Ha)	(Acres)	
1240 & Khata No- 175	1.307	3.23	Private Land

Signature of lessee

NVE PRATAP ENTERPRISE

Proprietor

Dr. Ashish Shamra Registration No. RQP

Dr. Asfish Sharm

Phd-Geol

Approved RQP Dept. of Mines & Geol

Govt. of Bihar Approved RQP List, SI No

- B. Attach a map showing boundaries of the quarry lease, adjoining area, roadways, railways, natural drainage system and other surface features, if any. It is preferred that the area be marked on a Survey of India topo sheet or a cadastral map or forest map as the case may be. However if none of these are available, the area should be marked on a plan prepared especially for the purpose on a scale of 1: 50000 linking it with any important reference point available in and around the area.

Cadastral map on scale of 1:4000 and Key plan with demarcated area in Survey of India toposheet on scale 1:50,000 and Google map is enclosed as Plate No. 1, Plate No. 2 and Plate No. - 3.

Distance from:

S. No.	Permanent Features	Distance from the Area
1.	National Highway No.	NH 119 is 3.0 km at North
2.	State Highway No.	Road at 5.0 km. West
3.	PMGSY/ CMGSY	None
4.	Other path way	-
5.	Any water body	River at 3 km
6.	Any residential educational area	Residential Area - Village at 1.0 km Educational Area -2.0 Km
7.	Any kind of bridge	0
8.	Hospital/ Historical place	Hospital 5.0 Km. Historical - No

Signature of lessee

Ms PRATAP ENTERPRISES

Dr. Ashish Sharma Registration No. RQP

Ashish Sharma
Proprietor

Dr. Ashish Sharma

Phd-Geology

Approved RQP Doctor of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

CHAPTER-3
GEOLOGY AND EXPLORATION

A. Briefly describe the general topography explaining whether it is a Plain land or hilly area

Topography of the Area:-

The topography of the applied area is Flat. The Brick Earth clay is exposed throughout the applied area. The general slope is towards North. Altitude of the area within lease area at higher side at North part of lease area is 74m AMSL while the lower side at South part of lease area is 70m AMSL. The applied area is devoid of any vegetation.

Geology :

Regional Geological Set Up:-

Geologically, it represents the extreme northern front of Indian sub-continent. These include (i) the belt of Himalayan foothills in the northern fringe of Paschim Champaran (ii) the vast Ganga Plains, (iii) the Vindhyan (Kaimur) Plateau extending into Rohtas region, (iv) the sporadic and small Gondwana-basin outliers in Banka district, (v) the Satpura Range extending into large part of the area North of Chotanagpur Plateau, (vi)

the parts of Bihar Mica belt in Nawada, Jamui and Banka districts and (vii) the Granite Gneissic complex of Chotanagpur plateau. Nearly two third of Bihar is under cover of Ganga basin composed of alluvium and masks the nature of basement rocks.

Mahananda River is one of the prime tributaries of the Ganga River in the eastern part of India. The origin of this mighty Mahananda River is from the extreme north of West Bengal from the stunning hills of Darjeeling. Originating from this beautiful hill station the Mahananda River, then flows southwards through the fertile agricultural area of Bihar and enters West Bengal flowing past English Bazaar. From Darjeeling to Bihar and after entering through Uttar Dinajpur district in West Bengal, Mahananda River, then flows in the southeast direction in to Bangladesh, near Tentulia in Panchagarh District.

Signature of lessee

MR. PRATAP ENTERPRISES

सतोदर कुमार
Proprietor

Dr. Ashish Sharma Registration No. RQP


Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

The stratigraphic sequence of various geological units with their respective rock types are described below

LITHOSTRATIGRAPHY OF BIHAR

AGE	Geology	Occurrences
Quaternary	Alluvial Deposits (Sand, Clay, Silt, Fragments)	North Bihar Plain & Central Bihar Plain
Tertiary	Sand Stones & Clay Stones	North Champaran Hills
Gondwana	Coal Measures, Forming a series of Small outlier basins	Banka District
Vindhya	Sandstones, Shales, Limestones, etc.	Parts of Bahbhua and Rohtas dist
Satpura	Schist, Phyllite, Quartzite	Part of Aurangabad, Gaya, Nawada, Nalanda, Sheikhpura and Munger District
Proterozoic	Mica Schist, amphibolites, quartzite, granite, dolerite and pegmatite	Nawada, Jamui and Banka
Archaean	Gneisses, Granites, Schists, Phyllites, quartzite, amphibolites &	Part of Aurangabad, Gaya, Nawada, Jamui, Banka and Bhagalpur

Signature of lessee

M/s PRATAP ENTERPRISE

Dr. Ashish Sharma Registration No. RQP

ASHISH SHARMA
Proprietor

Dr. Ashish Sharma
PhD-Geology

Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

Local Geological Set Up:-

The applied area forms a part of the recent formation having alluvial soil deposit which is Quaternary Alluvial Deposit. The sequence of various formations is as follows:-

Recent	Alluvial	Alluvial Soil
--------	----------	---------------

The topography of the applied area is Flat Land. The general slope is towards North. The applied area is devoid of any vegetation.

(The above data regarding Geology has been adopted from publication of Geological Survey of India,

Geological plan on 1:1,000 / 1:2,000 scale with 1-3 m contour intervals, showing general topography and geology of the area enclosed as Plate No. - 4.

The area showing a nature and extent of the mineral body

The whole area comprises of mineral clay deposit.

B. Describe briefly prospecting / exploration work done to date viz. geological mapping with

- Not Applicable

Details of samples analysis indicating type of sample:-

- Not Applicable

Grade of Mineral:

- Not Applicable

Nature and Extent of Mineral Body:-

- Not Applicable

Signature of lessee

Dr. Ashish ShamraRegistration No. RQP
M/s PRATAP ENTERPRISES

सनीएरुमाए
Proprietor

Dr. Ashish Sharma

Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

CHAPTER - 4
RESERVES

GEOLOGICAL RESERVE

The area is almost Flat and developed quarry land. The formula adopted for calculation of reserve is graphical method and thus mine specification arrived through graphical method are as under :-

S.n.	Particular	Details
1	Lease area	1.307 Hectare (hect.)
2	Area already excavated (1)	0.00 sqm.
3	Depth of mine at above excavated area	0.00 Meter (m)
4	Area already excavated (2)	0.00 sqm.
5	Depth of mine at above excavated area	- m
6	Balance Fresh area in the mine (3)	13070.00 sqm.
7	Proposed depth of excavation from surface level	2.00 m
8	Outer Length of mine boundary	511.18 m
9	Inner Length of mine Boundary	723.21 m
10	Average Length of Mine Boundary	617.19 m
11	Width of Mine Boundary	1.00 m
12	Total Area covered in Mine Boundary	617.19 sqm.
13	Area for Chimney/ Killen	NIL sqm.
14	Area for Storage	NIL sqm.

$\text{Area (m}^2\text{)} \times \text{Average height} = \text{Volume (m}^3\text{)} \times \text{specific gravity} = \text{Tonnage}$

$\text{Area (m}^2\text{)} \times \text{depth} = \text{Volume (m}^3\text{)} \times \text{specific gravity} = \text{Tonnage}$

A =	13070.0 m ² X 2.0 m	= 26140.00 m ³
A+B+C =	Total	= 26140.00 m ³

Total geological reserve comes to 26140 cum

Signature of lessee:

M/s PRATAP ENTERPRISES

Pratap Enterprises
Proprietor

Dr. Ashish Sharma Registration No. RQP

Dr. Ashish Sharma
Signature of RQP
PhD-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No.-9

MINERAL BLOKAGE

- a) Reserve Blocked in Mine Limit - Blockage in barrier (1 meter of berm left due to compliance of guidelines of MOEF): -

Area = Length x Width

$$\begin{aligned} &= 617.19 \text{ m} \times 1.0 \text{ m} = 617.19 \text{ m}^2 \\ &= 617.19 \text{ m}^2 \times 2.0 \text{ m} = 1,234.39 \text{ m}^3 \end{aligned}$$

$$\text{Total reserve Blocked in mine boundary (a) = } 1,234.39 \text{ m}^3$$

$$\text{b) Reserve Blocked in Benches & Slope Maintenance (b) = } 499.05 \text{ m}^3$$

- c) Other Blockage

$$\text{i) Reserve blocked under Fix Chimney/Killen = } 0.00 \text{ m}^3$$

$$\text{Total Blocked Reserve (a + b + c) = } 1733.44 \text{ m}^3$$

MINEABLE RESERVE

Mineable Reserves = (Geological reserves - Blocked reserve)

$$= 26140.0 \text{ m}^3 - 1733.44 \text{ m}^3$$

$$= 24406.6 \text{ m}^3$$

RECOVERABLE RESERVE

Recoverable Reserve = (Mineable Reserves - 10% of Mineable Reserves)

$$= 24406.6 \text{ m}^3 - (24407 \text{ m}^3 \times 10\% = 2440.7)$$

$$= 21965.9 \text{ m}^3$$

$$\text{Total Recoverable reserves = } 21965.90 \text{ m}^3$$

Signature of lessee

PRATAP ENTERPRISES

Dr. Ashish Sharma Registration No. RQP

मनीष कुमार
Proprietor


Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

Signature of RQP Page 8

CHAPTER- 5
DEVELOPMENT AND PRODUCTION PROGRAMME

QUARRYING

(A) Method of Quarrying –

The mode of working will be open-cast manual method of mining. This method of mining is used for highest productivity and the lowest cost of any of the broadly used mining methods. During the mining operation the mine wastage will be removed separately and not mixed with the rejected bricks and stacked properly in the proposed place for reclamation purpose or sale only. In order to mitigate the norms stipulated in office memorandum of Government of India Ministry of Environment & Forests No. L-11011/47/2011-IA.II (M) dated: 24th June, 2013 a berm/ boundary of 1.0 meter will be left around 4 side (N, E, S, W) as barrier for afforestation. The excavation of brick earth activity will be restricted to a maximum depth of 2m below general ground level but shall be restricted to 2 m above the ground water table at the site. The proposed heights of working 1 bench of 1m. width x 1m height will be developed along with periphery of the mine for safety. Overall bench slope will be less than 45° with the horizontal. The Mining of clay will be carried out manually with the help of simple instrument like Gaity, Fawda, Tagadi etc. Produced clay will be shifted to stacking yard for production of Bricks.

Bench width along the progressive quarry mine phase will be maintained adequately considering the operational safety and ease of mining during mining operation.

(B) Brick Making Process :

Fix Chimney brick manufacturing process has to be adopted which requires open and flat land for clay molding, brick making process along with installation of fix chimney Killen of 33.0 meter height along with gravitational settling chamber.

Approx. 248.26 cum loose earth clay is required to make 1 lac numbers of brick.

Signature of lessee

M/s PRATAP ENTERPRISES

Ashish Shamra Registration No. RQP

Ashish Shamra
Proprietor

Dr. Ashish Sharma
Phd-Geology
Signature of RQP
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No.-9

S. No.	Particulars	Detail
1	Number of brick	100000 no's
2	Weight of One Brick	3.00 Kg
3	Total Weight	300 MT

Signature of lessee

M/s PRATAP ENTERPRISES

Dr. Ashish Shamra Registration No. RQP

सोनोहर कुमार
Proprietor

Dr. Ashish Sharma

Phd-Geology

Approved RQP Dept. of Mines & Geology

Govt. of Bihar Approved RQP List, SI No.-9

Plate No. - 5 (Five year development and production plan) and Cross sections in plate no. 9.

(C) A tentative scheme of quarrying, annual program and plan for excavation from year to year for 5 years.

i) IN FIRST YEAR OF THIS PLAN PERIOD -

In this plan period area of production area will be 2490.56 sqm area. Quarry mine will be developed with bench of 1.00m height x 1.00 m width till RL of 72 m above MSL for getting required production of 4393.18 cum clay, for getting 1769585 numbers of raw bricks.

However after taking 5% of damage and subgrade production, 1681106 numbers of bricks will be produced as saleable bricks.

Bench width along the progressive quarry mine phase/advancement bench will be maintained adequately considering the operational safety during mining operation.

ii) IN SECOND YEAR OF THIS PLAN PERIOD -

In this plan period area of production area will be 2490.56 sqm area. Quarry mine will be developed with bench of 1.00m height x 1.00 m width till RL of 72 m above MSL for getting required production of 4393.18 cum clay, for getting 1769585 numbers of raw bricks.

However after taking 5% of damage and subgrade production, 1681106 numbers of bricks will be produced as saleable bricks.

iii) IN THIRD YEAR OF THIS PLAN PERIOD -

In this plan period area of production area will be 2490.56 sqm area. Quarry mine will be developed with bench of 1.00m height x 1.00 m width till RL of 72 m above MSL for getting required production of 4393.18 cum clay, for getting 1769585 numbers of raw bricks.

However after taking 5% of damage and subgrade production, 1681106 numbers of bricks will be produced as saleable bricks.

iv) IN FORTH YEAR OF THIS PLAN PERIOD -

In this plan period area of production area will be 2490.56 sqm area. Quarry mine will be developed with bench of 1.00m height x 1.00 m width till RL of 72 m above MSL for getting required production of 4393.18 cum clay, for getting 1769585 numbers of raw bricks.

However after taking 5% of damage and subgrade production, 1681106 numbers of bricks will be produced as saleable bricks.

Signature of lessee

MR. PRATAP ENTERPRISES

Pratap Enterprises
Proprietor

Dr. Ashish Sharma Registration No. RQP

Dr. Ashish Sharma
Phd. Geology
Signature of RQP
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-6

iv) IN FIFTH YEAR OF THIS PLAN PERIOD -

In this plan period area of production area will be 2490.56 sqm area. Quarry mine will be developed with bench of 1.00m height x 1.00 m width till RL of 72 m above MSL for getting required production of 4393.18 cum clay, for getting 1769585 numbers of raw bricks.

However after taking 5% of damage and subgrade production, 1681106 numbers of bricks will be produced as saleable bricks.

v) IN FIFTH YEAR OF THIS PLAN PERIOD - Not Applicable

Year wise 5 year's development and production plan and sections attached as Plates no. 5 & 9 Enclosed.

(D) A tentative scheme of quarrying, annual program and plan for excavation after five years-

vi) IN SIXTH YEAR OF THIS PLAN PERIOD - Not Applicable

vii) IN SEVENTH YEAR OF THIS PLAN PERIOD -Not Applicable

viii) IN EIGHTTH YEAR OF THIS PLAN PERIOD -Not Applicable

xi) IN NINTH YEAR OF THIS PLAN PERIOD - Not Applicable

x) IN TENTH YEAR OF THIS PLAN PERIOD -Not Applicable

Production Plan for First Five years

Yrs.	Bench	Soil Bench 1	Soil Bench 2	Mine Waste 10% (cum.)	Soil + Fly Ash = Clay Mix for Raw Brick (cum)	Strippin g Ratio	Gross Raw Brick Producti on (in Nos)	Rejecte d Bricks in Nos. (5%)	Salable Bricks Producti on in Nos.
1 st Year	Area of excavation(sqm) Av. bench Height (m) Volume (cum) Production (cum) O.B./Waste (cum) (10%) Av. Reduced level(m)	2490.6 1.0 2490.6 2241.5 249.1 73.0	2390.8 1.0 2390.8 2151.7 239.1 72.0	488.13	Clay = 4393.18	1: 0.11	1769585	88479	1681106
2 nd Year	Area of excavation(sqm) Av. bench Height (m) Volume (cum) Production (cum) O.B./Waste (cum) (10%) Av. Reduced level(m)	2490.6 1.0 2490.6 2241.5 249.1 73.0	2390.8 1.0 2390.8 2151.7 239.1 72.0	488.13	Clay = 4393.18	1: 0.11	1769585	88479	1681106

Signature of lessee

M/s PRATAP ENTERPRISES

Dr. Ashish Shamra Registration No. RQP

Proprietor

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

3 rd Year	Area of excavation(sqm)	2490.6	2390.8	488.13	Clay =	1: 0.11	1769585	88479	1681106
	Av. bench Height (m)	1.0	1.0		4393.18				
	Volume (cum)	2490.6	2390.8						
	Production (cum)	2241.5	2151.7						
	O.B./Waste (cum) (10%)	249.1	239.1						
	Av. Reduced level(m)	73.0	72.0						
4 th Year	Area of excavation(sqm)	2490.6	2390.8	488.13	Clay =	1: 0.11	1769585	88479	1681106
	Av. bench Height (m)	1.0	1.0		4393.18				
	Volume (cum)	2241.5	2151.7						
	Production (cum)	249.1	239.1						
	O.B./Waste (cum) (10%)	249.1	248.1						
	Av. Reduced level(m)	73.0	72.0						
5 th Year	Area of excavation (sqm)	2490.6	2390.8	488.13	Clay =	1: 0.11	1769585	88479	1681106
	Av. bench Height (m)	1.0	1.0		4393.18				
	Volume (cum)	2490.6	2390.8						
	Production (cum)	2241.5	2151.7						
	O.B./Waste (cum) (10%)	249.1	239.1						
	Av. Reduced level(m)	73.0	72.0						

Signature of lessee

M/s PRATAP ENTERPRISES

Ashish Shamra Registration No, RQP

सतोहर कुमार
Proprietor

Dr. Ashish Sharma
Phd-Geolog
Approved RQP Dept. of Mines & Geolog
Govt. of Bihar Approved RQP List, SI No.-

Production Plan for Second Five years - Not Applicable.

Minal reserves and anticipated life of the quarry:

A)	Estimated recoverable reserves	21965.90 cum.
B)	Average rate of production per year during Five year plan	4393.18 cum. of clay or 1769585 nos. of raw bricks
C)	Expected rate of production After five year plan	NIL
D)	Sanctioned lease period	5 years
E)	Thus anticipated life of the quarry	About 5 years. (Up to 2m of mine depth from existing level)

(D) Conceptual Quarry plan:

Exploration: Nil

Drilling: Nil

Dumping of Waste materials:

Rejected/Broken, Sub Grade Bricks and Waste

In the brick manufacturing process some broken/ rejected bricks may arises. Moreover, ash gets generated due to burning of coal. These two items requires their due management. Quantity of generation of broken/rejected bricks and its manner of management has explained below-

Computation of generation of broken/rejected bricks -

S.N.	Particulars	Values
1	Ratio of Rejected Bricks	5% of Produced Raw Bricks
2	Average Weight of 1 Bricks	3.00 Kg
3	Generation of Rejected Bricks from 1 lac of raw brick	15 MT per lac of raw brick

The details of year wise OB / Waste generation is given in the table given below:

Signature of lessee

M/s PRATAP ENTERPRISES

Ashish Shamra Registration No. RQP

Ashish Shamra
Proprietor

Dr. Ashish Sharma
PhD-Geology

Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No.-9

Year	Mine Waste in CUM (10% of Clay Excavation)	Rejected Bricks in MT (5% of Brick Production)
1st Year	488.13	265.44
2nd Year	488.13	265.44
3rd Year	488.13	265.44
4th Year	488.13	265.44
5th Year	488.13	265.44
Total	2440.66	1327.19

Conceptual Plan annexed as Plate No. - 7

Non-saleable rejected or broken bricks, generated during operations have to be stored separately in an open ground and will be disposed by using it to create haul roads or for filling of pits at or around the proposed lease land.

Afforestation:

The following table describes the area proposed for quarrying as a part of the Conceptual Quarry Plan (balance lease period of 5 Years)-

Particulars	Area required in hect. During		Total Area Utilized
	First Five Year	Second Five Year	
Area under Mining	1.245	-	1.245
Area under Statutory Boundary	0.062	-	0.062
Dumping (soil)	0.062	-	0.062
Afforestation	0.062	-	0.062
Area under Storage	-	-	-
Area under Fix Chimney Killen	-	-	-

Signature of lessee

M/s PRATAP ENTERPRISES

संतोष कुमार
Proprietor

Dr. Ashish Sharma Registration No. RQP

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List No.-9

Open-cast Quarrying

Loading: Loading will be done manually.

S. No.	Machine	Details					
		Type	No 's	Capacity	Make	Motive Power	H.P.
1	Haulage and Transporting:	Tractors	4	4.5	Mahindra	Diesel	58
2	Miscellaneous:	Water Tanker with water sprinkler	1	2000 ltr	Mahindra	Diesel	95
		Dewatering pumps	1	100 GPM	100 GPM	Diesel & Electric	10

(E) In the case of Quarry by machinery than the detail of machinery to be deployed.

Nil

(F) In case of manual quarry then average daily number of man power to be deployed (number, capacity etc.)

Skilled labours. taking standard O.M.S. to be one the strength of labour for 250 nos. of bricks production per day and working for 240 days a year, 30 labours per day will be required.

Signature of lessee

PRATAP ENTERPRISES

Dr. Ashish Sharma Registration No. RQP

सोनोहर कुमार
Proprietor

Dr. Ashish Sharma
PhD-Geology

Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List No-9

(G) Type and capacity of processing unit if established or proposed in lease area.

Fix Chimney brick manufacturing process has to be adopted which requires open and flat land for clay molding, brick making process along with fix chimney of 33 meter height.

(H) BLASTING : NOT APPLICABLE

(I) COAL REQUIREMENT :

Fixed Chimney Plant requires burning of raw bricks in Killen which requires fuel. Fuel can be used for burning wood, agriculture wastage or coal. It is feasible to burn coal as wood & agriculture wastage are neither available as per need nor burning them is feasible.

Annual Requirement of Coal:

The average annual requirement of coal for the process will be estimated in table below-

S.N.	Year	Total Estimated Production of Raw Bricks in No's.	Coal Need per 1 lac of Brick (in MT)	Maximum Annual Coal Requirement (in MT)
1	1st Year	1769585	12	212.35
2	2nd Year	1769585	12	212.35
3	3rd Year	1769585	12	212.35
4	4th Year	1769585	12	212.35
5	5th Year	1769585	12	212.35

Source of Coal

Coal will be obtained from coal project .

Signature _____
PRATAP ENTERPRISE

Dr. Ashish Shamra Registration No. RQP

समीर कुमार
Proprietor

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

CHAPTER- 6
MANPOWER DEPLOYMENT

State average daily employment and statutory personals:

Employment strength will be as under as it stood presently:-

- | | | |
|--------------------------|---|---|
| (1) Mining Mate | : | 1 no. Qualified |
| (2) Chpwkidars | : | 1 no. Experienced |
| (3) Semi-Skilled Labours | : | 4 the strength will depend upon Production. |
| (4) Skilled Labours | : | Taking standard O.M.S. to be one the strength of labour for 250 nos. of bricks production per day and working for 240 days a year, 30 labours per day will be required. |

= 30 labours per day.

Tot = 36 Nos. per day

Mining will generate employment opportunity to local inhabitants directly or indirectly in mining as well as in consequent related activity. All statutory provisions relating to wages, employment and labours will be complied with duly as and when applicable.

Signature of _____
Dr. Ashish Shamra
Proprietor

Registration No. RQP

Dr. Ashish Sharma
Phd-Geology
Approved ROP Dept. of Mines & Geology
Govt. of Bihar Approved ROP List, Sr No.-9

CHAPTER- 7
USE OF MINERAL

Describe the utilization of mineral and type of industry.

Bricks are basic material for civil construction works like buildings etc. for construction of walls. State Government, is carrying on various new township and building projects in all districts. In addition to these various civil constructions, Buildings & Colonies development projects are coming up in Private sectors and are under implementations, all above civil works require Bricks which is in huge demand.

Signature of lessee

M/s PRATAP ENTERPRISES

समोह कुमार
Director

Dr. Ashish Shamra Registration No. RQP

Dr. Ashish Shu
Phd

Approved RQP Dept. of Mines
Govt. of Bihar Approved RQP

CHAPTER-8
WASTE DISPOSAL ARRANGEMENTS

- a) **Selection of dumping site:** Whatsoever quantity of mine waste generated during the quarrying operation will be stacked at the periphery of mine along the boundary.
- b) **Maximum height and spread of dump:** Height of dumped waste will not exceed 1.0 meter in any case along with the slope of not more than 28 degrees.
- c) **Stacking of sub-grade materials:** What so ever sub grade mineral or rejected bricks generated during brick making process will be stacked at lease area.
- d) **Selection of site for stacking:** Rejected broken bricks will be stacked within the lease area where minerals clay have been excavated till the depth of 2 meter and no further clay is allowed to be excavated so that these pits can be reclaimed.
- e) **Height and spread of stacks:** Height of dumped waste will not exceed 3.0 meter in any case along with the slope of not more than 28 degrees.

Signature of lessee

M/s PRATAP ENTERPRISES

मनोहर कुमार
Proprietor

Dr. Ashish Sharma Registration No. RQP

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP Unit No-9

Page 20

CHAPTER-9
ENVIRONMENT MANAGEMENT PLAN

A) Measures for protection of environment, especially against air and water pollution due to Quarrying operation:

At present what so ever mining activity carried out in the proposed lease area is not so big. The area is also devoid of flora and fauna. The socio-economic status of the surrounding village is rural with dominant agriculture economy. The surrounding area is thinly populated. There will be no adverse impact due to mining on socio-economic environment. The possible impact on environment is being discussed in the following chapters:

Land use pattern:

Articles	Land use at the end of 5 years in Hect.	Forest Land	Agri. Land	waste Land	Land use at the end of 10 years in Hect.
A. Lease Area	1.307	-	-	1.307	1.307
B. Quarrying & allied	-	-	-	-	-
1. Area under pits	1.245	-	-	-	1.245
2. Area for dumping	0.062	-	-	-	0.062
3. Area for road	-	-	-	-	-
4. Area for Infrastructure	-	-	-	-	-
5. Plantation	0.062	-	-	-	0.062
6. Storage of Mineral	-	-	-	-	-
7. Storage of fines	-	-	-	-	-
8. Processing unit	0.000	-	-	-	-
9. Unused area	-	-	-	-	-

Environment Management Plan annexed as Plate No. - 8

Environment Impact Assessment Statement:

Proposed mining activity will be carried out by Open-cast manual method of mining. Lease hold area is not so big and also the area is devoid of flora and fauna

Signature of lessee

M/s PRATAP ENTERPRISES

समोहर कुमार
Pronrietor

Dr. Ashish Shamra Registration No. RQP

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP No. 9

i) Land environment:

The proposed lease area is Private Flat land with devoid of vegetation. The area is developed mines with installed fixed chimney within the lease area. The entire area is covered with soil.

As a result of mining operation the original land profile will be altered. The proposed lease hold area is covered with whatsoever overburden/waste will be generated, will be stacked along the statutory barrier.

Topography of the area is Flat land. Reclamation operation will not be possible due to insufficient quantity of material available for reclamation. Pit will be used as agriculture land after complete excavation of mineral.

ii) Air Environment:

There was no major mining activity in the applied area and no air pollution because of mining activity in surrounding area observed. There is no industry in the buffer zone.

Source of Air Pollution:

Emission of SO_x and NO_x may be caused due to use of diesel operated tractor and other Machines etc.

Dust will be generated from loading/unloading and vehicle movement activity etc.

Mitigation measures:

Impact of above is localized, transitory and intermittent in nature and hence their effect on environment is insignificant. However, the following measures will be taken to mitigate the air pollution-

- i. The better maintenance of diesel operated equipment/vehicle will help to reduce emissions (SO_x and NO_x) and maintain below permissible limit.
- ii. Fugitive emissions due to coal burning will be emitted at the height of 33 meter by installed fix chimney along with gravitational settling chamber.
- iii. Fugitive emissions during loading/unloading, handling and transportation of clay and brick will be suppressed by water sprinkler & water spray. Water sprinkling on transport road side (approx. 120 m.), Water sprinkling on stock yard, if any etc. will be done by tractor mounted water sprinkler.
- iv. **Avoid Spillage:** Transportation of minerals will be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of minerals / dust takes place.

Signature of lessee

MS PRATAP ENTERPRISES

Dr. Ashish Sharma Registration No. RQP

ASHISH SHARMA
Proprietor

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

- v. No overloading of minerals for transportation will be committed so that no spillage of minerals / dust takes place.
- vi. **Dense Plantation:** Growing of a green belt along the periphery of lease area will control the air pollution.

iii) Water Environment:

Surface Water: At present there is a water source, which is passing through the lease area and its surrounding except River at 100 m.

Ground Water: It is noticed that the ground water is available below 15 meters of the normal surface level as well as in nearby dug wells and bore wells etc. As the mining operation has been carried out above the ground water table hence there would not be any adverse effect on the ground water.

a) Likely impact of mining on water table

Positive.

The dug out pit will help in recharging of Ground Water by decreasing the runoff.

b) Details of modification/diversion of natural drainage system /Obstruction of water channels and measures taken –

Not Applicable as no any surface water body present in the lease area. No any water body like nalla or river is available near the lease area which needs to be diverted due to quarry mine project. Garland drain of appropriate size will be constructed along with the settling tank at the boundary of statutory limits of the quarry mine to manage the natural drainage and runoff.

c) Measures taken for minimizing silting and contamination of water:

Since the water table is below the maximum excavation depth of operation (2 meter of depth) and the flow or extent of nearest hydrology is too far from the proposed lease area thus no impact can be assessed on water table, water flow or hydrology. Moreover no sewage or other effluents will be generated from the mining activity which are required to be discharged on water hence no water pollution can be assessed. The mining shall not cause any change or diversion of any source of water in the area or any drainage pattern.

Water pollution in mining is generally caused due to generation of dust Oil & grease of transport vehicles etc.

Signature of lessee

Dr. Ashish Shamra Registration No. RQP

Dr. Ashish Sharma
Phd-Geolog
Approved RQP Dept. of Mines & Geolog
Govt. of Bihar Approved RQP List SI No.-1

संतोष कुमार
Proprietor

Mitigation measures proposed for water pollution:-

i) Surface water:

No surface water source such as rivers, streams & dams exists in the mining lease area. Proper maintenance of transport vehicle & prevention of washing of transport vehicle in ponds etc. be helpful to control Water pollution, and it is mandatory for lessee.

ii) Ground water:

Mining for each successive year is proposed to its optimum depth of mineral bed and the mining will not touch the ground water table so there is no chance of disturbance to ground water table. The dug out pit will help in recharging of Ground Water by decreasing the runoff.

d) Requirement of water for quarrying operations

No water is required for the mining process. The details of water balance for existing / proposed mining/processing activity are given below:

A) Computation of Water Requirement for Bricks Production Process

Year	Total Estimated Production of Bricks in No's.	Water Need per 1 lac of Brick (in ltr)	Number of working Days	Water Needed for Clay Molding per day (in KLD)
1 st	1,769,585	0.25	240	1.84
2 nd	1,769,585	0.25	240	1.84
3 rd	1,769,585	0.25	240	1.84
4 th	1,769,585	0.25	240	1.84
5 th	1,769,585	0.25	240	1.84

Signature of

MS PRATAP ENTERPRISES

Dr. Ashish Shamra Registration No. RQP

ASHISH SHAMRA
Proprietor

Dr. Ashish Sharm
Phd-Geolo

Approved RQP Dept. of Mines & Geolo
Govt. of Bihar Approved RQP List, Sl No.

B) Water Balance :

Year	Mine Site		Bricks		Domestic		Total Water Requirement in KLD
	Dust	Green	Clay	Clay	Drinking	Other	
1 st	2	1	Nil	1.84	2.5	-	7.34
2 nd	2	1	Nil	1.84	2.5	-	7.34
3 rd	2	1	Nil	1.84	2.5	-	7.34
4 th	2	1	Nil	1.84	2.5	-	7.34

e) Source of water

- I) **For Green belt and dust suppression:** Water will be made available from quarry mine pit which is accumulated during the rainy season and shall be collected in settling tank for utilization in green belt and dust suppression.
- II) **Domestic usage:** Drinking water is available from dug wells and tube wells in villages near the applied area which is portable, pure and clean.

However, if required, water might be supplied from tube wells within the lease area after taking all statutory permissions.

iv) Noise & Vibration:

a) Noise : Negligible

In the open-cast manual mining the ambient noise level are well within the standards of Occupational Safety and Health Administration (OSHA) and Pollution Control Board. There is likelihood of some increase in noise due to operation of machinery like engines, however noise levels will be less than 90 dBA and exposure to the workers for 8 hours will also be less than stipulated standard of 90 dBA and it's a short term activity.

Mitigation Measures:

Persons working just close to the machines will be provided with ear plugs/ear muffs for further protection. However, impact of operational activity and traffic as mentioned above is local, transitory and intermittent which is for short-term hence no considerable impact can be envisaged.

Signature of Proprietor

MS PRATAP ENTERPRISES

Handwritten Signature
Proprietor

Dr. Ashish Sharma Registration No. RQP

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No. 4

b) Ground Vibration : Negligible

c) Fly Rock - NIL.

d) Storage of explosive (like capacity and type of explosive magazine):

Not Applicable.

v) **Human Environment:**

No village or human dwellings are within the quarry lease area. Therefore there will not be any need for resettlement. While due to increase revenue earning in the area there is development of infrastructure facilities like transport, road, housing, schooling and hospital etc. will be raised. There is no any village falling around 2 km. of transportation road side but then also it is the commitment of lessee to cover material during transportation and sprinkling of water on transport road side to minimize the harmful impact on human life due to mining activity.

At this time there is no public buildings or monuments of any importance is seen nearby, which could be affected due to quarry mining operation.

vi) **Social Infrastructure**

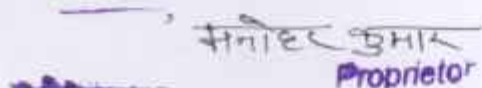
At present there are not much activities other than the agricultural activity in the surrounding area. On the other hand mining will generate employment opportunity to local inhabitants directly or indirectly in mining as well as in consequent related activities.

The method of mining will be small scale. There will not be any development of large machinery in the proposed lease area to carryout mining operation, which will create noise pollution, air pollution or any other operational hazards to local public life.

vii) **Rehabilitation and Resettlement (R & R) Plan**

No R&R plan is required as the quarry mine area does not cover any habitation. Hence the mining activity does not involve any displacement of human settlement. No public buildings, places, monuments etc. exist within the lease area or in the vicinity of the mine lease area. The mining operation will not disturb/ relocate any village or need resettlement. Thus no adverse impact is anticipated.

Signature of _____ Dr. Ashish Sharma Registration No. RQP


Proprietor

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No.-9
Signature of RQP Page 26

viii) **Stabilization and Vegetation of dumps:**

As the area is Flat and the proposed height of the top soil/OB dump will be about 1 meter, therefore it is proposed to be stabilized the dump by grass plantation or cutting of local bushes on it so that spillage of dump does not occur in the surrounding.

- a) **Selection of dumping site:** whatsoever quantity of mine waste generated during the quarrying operation will be stacked at the periphery of mine along the statutory boundary in such a manner that no stacking will be done on the edge of the statutory boundary.
- b) **Maximum height and spread of dump:** Height of dumped waste will not exceed 1 meter in any case along with the slope of not more than 28 degrees

Sewerage system:

No sewerage system is proposed to be developed in the lease area.

ix) **Environmental monitoring:**

It is proposed to install air, noise and water monitoring stations within the lease area in order to measure the level of change in various environmental factors.

Further following steps will also be taken for environment monitoring and management –

A) Year-wise Program for Plantation:

Afforestation program shall be started with the commencement of mining operation with simultaneous clearing of land by spreading of clay lumps along barrier of proposed lease boundary. 2.5m X 2.5m spacing with 0.6m depth have been suggested for sapling pits on which local species will be planted in the following manner-

Signature of lessee

Dr. Ashish Sharma Registration No. RQP

W's PRATAP ENTERPRISES

मनोहर कुमार

Proprietor

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No.-9
Signature of RQP Page 27

Year	Proposed Site	Species	No. of Sapling
1st Year	All along lease boundary	Seesam, Bargad, Neem, Aam, Pipal etc.	100

B) Budgetary arrangement for environment monitoring management :

Total Rs. 30000/- will be utilized annually for environment management like Plantation, Water sprinkling on transport road, Water sprinkling on stock yard etc. The details of expenditure are given in table below:

Proposed Action Plan Towards socio economic development	Expenses per Year (in Rs.)
General Development of the area	
i) Dust Suppression	10,000
ii) CSR Activities	5,000
iii) Development of Green Belt	10,000
iv) Expenditure for Environment Monitor	5,000
Total	30,000

Signature of Proprietor

M/s P.T.O.

Dr. Ashish Shamra Registration No. RQP

Dr. Ashish Shamra

Phd-Geolog
Approved RQP Dept. of Mines & Geolog
Govt. of Bihar Approved RQP List Sl No.

Signature of RQP Page 28

Proprietor

CHAPTER-10
MEASURES TO BE TAKEN FOR RECLAMATION OF LAND

i) Mined out land –

As a result of mining operation, the original ground profile will be altered. The lease area is small and topography of the area is flat. Whatsoever mine waste will be generated; will be stacked along the barrier of mine. Reclamation operation will not be possible due to insufficient quantity of material available for reclamation. After complete excavation of minerals pit will be used as agriculture land.

ii) Storage and prevention of top-soil –

Not Applicable as soil will be used for brick making.

iii) Proposal for reclamation of land affected by quarrying activities during and at the end of

Reclamation of mined out area is the most important activity of EMP, as a result of mining operation the original land profile will be altered. The proposed lease hold area is covered with alluvial soil.

Topography of the area is Flat. Reclamation activities will be commenced only after attaining the optimum thickness which is economically viable has been extracted.

During the lease period whatsoever overburden/waste will be generated, will be stacked along the statutory barrier so that it can only be used for reclamation purpose or construction of haul road at or near by the mining area. Reclamation operation will not be possible due to insufficient quantity of material available for reclamation. After complete excavation of minerals pit will be developed as agriculture land.

iv) Disposal of Rejected/Broken, Sub Grade Bricks and Waste

In the fix chimney brick manufacturing process some broken/ rejected bricks may arises. Moreover, ash gets generated due to burning of coal. These two items requires their due management. Non-saleable rejected or broken bricks, generated during operations have to be stored separately in an open ground and will be disposed by using it to create haul roads or for filling of pits at or around the proposed lease land.

Generated ash from the plant will be re-utilized for manufacturing of bricks by mixing it with brick clay mix.

Signature of lessee

M/s PRATAP ENTERPRISES

हमिद अली
Proprietor

Dr. Ashish Sharma Registration No. RQP

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9
Signature of RQP Page 29

CHAPTER-11
QUARRYING CLOSURE PLAN

i) Introduction :

M/s PRATAP ENTERPRISES Mr. MANOHAR KUMAR of village NIMEJ TOLA tehsil DUMRAON district BUXAR (Bihar) Pin No. 802119. The lease is already sanctioned over an area of 1.307 Hect. at village RAMPUR in District - BUXAR (Bihar)

The approved khasra map is enclosed as Plate No. -1.

Description about the quarry mine is given in the below table -

State			Bihar		
District			BUXAR		
Taluka			DUMRAON		
Village			RAMPUR		
Khasra No.			1240 & Khata No- 175		
Lease area (hectares)			1.307 Hect.		
Compartment number if the area is recorded to be in forest (please specify whether protected, reserve etc.)			Not Applicable		
Ownership/Occupancy			1240 & Khata No- 175		Private Land
Existence of public Road/ railway line, if any, nearby and approximate distance			National Highway	NH 319 is 23.0 km at South	
			State Highway	Road at 3.0 km. East	
			Public Road	1 00 m in North	
			Railway Line	1 Km in North	
Toposheet No with Latitude/ Longitude			Toposheet No. 0		
Boundry Point	Latitude	Longitude	Boundry Point	Latitude	Longitude
A	N25° 34' 12.962"	E84° 10' 25.341"			
B	N25° 34' 13.124"	E84° 10' 26.407"			
C	N25° 34' 7.602"	E84° 10' 27.841"			
D	N25° 34' 7.064"	E84° 10' 23.640"			
Land Use Pattern (Forest, agricultural, grazing, barren, etc.)			(i) Forest	Forest (specify)	Area (ha)- Nil
			(ii) Non-forest Waste Land-	(i)	1.307 Hect. Area.
				(ii) Grazing land,	Nil
				(iii) Agriculture	Nil
				(iv) barren land	Nil
				(v) others (specify)	Nil

Signature of M/s PRATAP ENTERPRISE

Dr. Ashish Sharma Registration No. RQP

मानोहर कुमार
Proprietor

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP No. 39

ii) Land Use:

Land use distribution proposed for quarrying and its allied works and ultimate land use

Articles	Land use at the end of 5 years in Hect.	Forest Land	Agri. Land	waste Land	Land use at the end of 10 years in Hect.
A. Lease Area	1.307	-	-	1.307	1.307
B. Quarrying & allied	-	-	-	-	-
1. Area under pits	1.245	-	-	-	1.245
2. Area for dumping	0.062	-	-	-	0.062
3. Area for road	-	-	-	-	-
4. Area for Infrastructure	-	-	-	-	-
5. Plantation	0.062	-	-	-	0.062
6. Storage of Mineral	-	-	-	-	-
7. Storage of fines	-	-	-	-	-
8. Processing unit	0.000	-	-	-	-
9. Unused area	-	-	-	-	-

iii) Mining /Quarrying Method:

Already discussed in quarry plan, Please refer chapter 5 of the quarry plan.

iv) Reasons for closure :

As per the rules the lessee has to submit quarry mining plan with progressive quarry

v) Statutory Obligation: Not Applicable.

vi) Closure Plan Preparation:

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-8

Signature of lessee: **MS PRATAP** Dr. Ashish Sharma Registration No. RQP

Signature of RQP Page 31

HAIR
SHIK
Proprietor

Applicant:

M/s PRATAP ENTERPRISES
Mauza - DHAKAICH
Anchal - DUMRAON
District - BUXAR
State - Bihar
PIN code - 802119
Phone -

Status: Private Individual

Registered Qualified Person:

Dr. Ashish Sharma
Address- Hasib Villa, Naya Tola Line Bazar
Purnea, Bihar
Cell: 9753385659, +91-7992448925
Email: ashish_78617@rediffmail.com

Signature of lessee

M/s PRATAP ENTERPRISES

सन्तोष कुमार
Proprietor

Dr. Ashish Sharma Registration No. RQP

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No.-9

vii) Mine Description :

A) Geology:

Regional Geological Set Up:-

Already discussed in quarry plan, Please refer chapter 3 of the quarry plan.

Local Geological Set Up:-

Already discussed in quarry plan, Please refer chapter 3 of the quarry plan.

B) Reserves:

i) **GEOLOGICAL RESERVE**

The area is almost Flat and developed quarry land. The formula adopted for calculation of reserve is graphical method.

$$\begin{aligned} \text{Area (m}^2\text{)} \times \text{Average height} &= \text{Volume (m}^3\text{)} \times \text{specific gravity} = \text{Tonnage} \\ \text{Area (m}^2\text{)} \times \text{depth} &= \text{Volume (m}^3\text{)} \times \text{specific gravity} = \text{Tonnage} \end{aligned}$$

A =	13070.0 m ²	X	2.0 m	=	26140.00 m ³
A+B+C =			Total	=	26140.00 m ³

Total geological reserve comes to 26140 cum

MINERAL BLOKAGE

- a) Reserve Blocked in Mine Limit - Blockage in barrier (1 meter of berm left due to compliance of guidelines of MOEF):-

$$\text{Area} = \text{Length} \times \text{Width}$$

=	617.19 m	X	1.0 m	=	617.19 m ²
=	617.19 m ²		X	2.0 m	= 1,234.39 m ³

Total reserve Blocked in mine boundary (a) = 1,234.39 m³

- b) Reserve Blocked in Benches & Slope Maintenance (b) = 499.05 m³

Signature of lessee

M/s PRATAP ENTERPRISES

Dr. Ashish Sharma Registration No. RQP

समीर कुमार
Proprietor

Dr. Ashish Sharma
Phd-Geology
Approved ROP Dept. of Mines & Geology
Govt. of Bihar Approved ROP List, Sl No.-9

c) Other Blockage

i) Reserve blocked under Fix Chimney/Killen = 0.00 m³

Total Blocked Reserve (a + b + c) = 1733.44 m³

MINEABLE RESERVE

Mineable Reserves = (Geological reserves - Blocked reserve)

= 26140.0 m³ - 1733.44 m³

= 24406.6 m³

RECOVERABLE RESERVE

Recoverable Reserve = (Mineable Reserves - 10% of Mineable Reserves)

= 24406.6 m³ - (24407 m³ x 10% = 2440.7)

= 21965.90 m³

Total Recoverable reserves = 21965.90 m³

C) Closure Plan :

1) Mined Out Land :

a) Storage & preservation of top soil: Not Applicable

b) Proposal for reclamation of land affected by mining activities during and at the time of mining: As a result of mining operation, the original ground profile will be altered.

The lease area is small and topography of the area is Flat. Whatsoever overburden/waste will be generated, will be stacked along the statutory barrier so that it can only be used for reclamation purpose or construction of haul road at or near by the mining area.

Reclamation operation will not be possible due to insufficient quantity of material available for reclamation. Pit will be developed as agriculture land.

Signature of lessee

MR. PRATAP ENTERPRISE

Dr. Ashish Sharma Registration No. RQP

संतोष कुमार
Proprietor

Dr. Ashish Sharma

Phd-Geology

Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No.-9

c) **Forest:-**The area does not fall under forest.

d) **Pollution:** Closure activity does not involve such activity in order to generate considerable pollution surrounding the environment.

Vegetation: Though there are little chances of adverse effect on vegetation but new plantation is proposed 100 Local plants on 1st Year of plan and provided with barbed wire fencing. It is also proposed to do social forestry.

Plantation will be done concomitant with the mining operations in a phased manner. This will be done after the completion of mining operation also. Afforestation will be done in consultation with forest department as mentioned earlier in this report.

Since the area is barren and there is no grass etc. cattle grazing in the mining area is not possible. In view of shallow mining there is no chance of cattle falling in the pits.

2) **Water quality management :**

There are no surface water and ground water bodies available in the lease area. There is no perennial rivers/nallas or spring present near by the proposed lease area. Water table is available at approx. 15 meter below from the normal surface level. As an evident from nearby wells, as well as by villagers during the summer water table goes down below 15 meter and in rainy season water table comes up within 10 meter. Since the water table is below the maximum excavation depth of operation and the flow or extent of nearest hydrology is too far from the proposed lease area thus no impact can be assessed on water table, water flow or hydrology. Moreover no sewage or other effluents will be generated from the mining activity which are required to be discharged on water hence no water pollution can be assessed. The mining shall not cause any change or diversion of any source of water in the area or any drainage pattern.

3) **Air Quality Management :**

The proposed mining method is manual in nature and small. There will not be any deployment of heavy machinery. Emissions of SO_x and NO_x may be caused due to use of diesel operated tractor machines etc. Dust will be generated during loading/unloading and vehicle movement activity etc. Impact of above is localized, transitory and intermittent in nature and hence their effect on environment is insignificant. However the following measures will be taken to mitigate the air pollution-

Signature of lessee

M/s PRATAP ENTERPRISES

Dr. Ashish Sharma Registration No. RQP

Proprietor

Dr. Ashish Sharma

Phd-Geology

Approved RQP Dept. of Mines & Geology

Govt. of Bihar Approved RQP List, Sl No.-9

To prevent air pollution the following corrective steps will be taken during mining:

- i) The better maintenance of diesel operated equipment/vehicle will help to reduce emissions (SOx and NOx) and maintain below permissible limit.
- ii) Fugitive emissions during mining, loading/unloading, handling and transportation will be suppressed by water sprinkler on transport road side and stock yard etc. by tractor mounted water sprinkler.
- iii) Other machineries will be shifted to other site of the applicant.
- iv) **Avoid Spillage:** Transportation of minerals will be done by covering the trucks with tarpaulin or other suitable mechanism so that no spillage of minerals / dust takes place.
- v) **Dense Plantation:** During and after mining operation plants will be planted in consultation with forest department. Under these circumstances, reclamation will be done in consultation with forest department so that the plants species may be of similar type as prevalent in the area.

Therefore no significant impact on the quality of air in the surrounding area will be feared.

- 4) **Top soil management:** Not Applicable
Tailing Dam Management: Not Applicable because no dam is present around the lease area.
- 5) **Infrastructure:** As the mining activity does not require major infrastructure except few machineries and rest shelters, therefore at the time of closure of mine machineries will be shifted to other places of applicant and rest shelters etc. will continued to be used.
- 6) **Mining Machinery:** Tractors will only be utilized which will be shifted to other quarry mines at MCP stage. No disposal / shifting will be needed in the MCP period.
- 7) **Safety and Security:** All the safety measures will be implemented to prevent access to surface openings, excavations etc., and arrangements proposed during the quarry mine abandonment plan and up to the site being opened for general public should be as per Govt. rules.
- 8) **Disaster Management & Risk Assessment:** This should deal with action plan for high risk accidents like landslides, subsidence, flood, inundation in underground mines, fire, seismic activities, tailing dam failure etc. and emergency plan proposed for quick evacuation, ameliorative measures to be taken etc. The capability of lessee to meet such eventualities and the assistance to be required from the local authority will be as per Govt. rules.

Signature of lessee

MR. PRATAP ENTERPRISES

Dr. Ashish Sharma Registration No. RQP

हमिद कुमार
Proprietor

Dr. Ashish Sharma
Phd-Geolog
Approved RQP Dept. of Mines & Geolog
Govt. of Bihar Approved RQP Est. SI No.-

- 9) **Care and maintenance during temporary discontinuance:** For every ten yearly review (as given in the mining plan), an emergency plan for the situation of temporary discontinuance or incomplete programme due to court order or due to statutory requirements or any other unforeseen circumstances, should include a plan indicating measures of care, maintenance and monitoring of status of unplanned discontinued mining operations expected to re-open in near future. This should be in detail, item wise status monitoring and maintenance with periodicity. When it will require will be maintained as per Govt. rules.
- 10) **Financial Assurance:** Financial assurance has to be furnished by every lease holder. The amount of financial assurance shall be @ rupees 25,000 per hectare or part thereof of the quarry lease area.

Financial assurance = 25,000 X Lease Area in Hect.

$$= 25000 \times 1.307 \text{ Hect.}$$

$$= 50000$$

Total financial assurance is Rs. 50000

Progressive Quarry Closure Plan annexed as Plate No. - 6

----- *** -----

Signature of lessee

M/s PRATAP ENTERPRISES

Handwritten signature
Proprietor

Dr. Ashish Sharma Registration No. RQP

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP No. -9

CERTIFICATE FROM APPLICANT

- a) Certified that the provisions of mine Act, Rules and Regulations made there under have been observed in the mining plan and wherever specifications are required, the applicant will approach to the Director General of mine & Safety.
- b) It is also certified that the information's furnished in the above quarry plan, environment management plan, and quarry closure plan are true and correct to the best of my knowledge and belief. Above quarry plan, environment management plan, and quarry closure plan have been drafted on the basis of information provided by me and the above plans so drafted are accepted to me.

(APPLICANT)

M/s PRATAP ENTERPRISES

Mauza - NIMEJ TOLA

Anchal - DUMRAON

District - BUXAR (Bihar)

PIN code - 802119

--- *** --- * --- *** ---

Signature of lessee

M/s PRATAP ENTERPRISES

सनीर कुमार
Proprietor

Ashish Sharma Registration No. RQP

Dr. Ashish Sharma

Phd-Geology

Approved RQP Dept. of Mines & Geology

Govt. of Bihar Approved RQP Dept. No.-9

CONSENT LETTER FROM THE LESSEE

The plan of quarry mining in respect of RAMPUR Brick Earthclay Quarry Mine & Fixed Chimney Brick Plant at village- DHAKAICH, BUXAR, (Bihar) for an area of 1.307 Hect. (Submitted under Rule 24(3) & (7) of Bihar Minor Mineral Concession (Amendment) Rule 2014).

I request the D.G.M. Bihar to make further correspondence regarding modifications in the scheme of mining with the said recognized person on his following address:-

Dr. Ashish Sharma

E-mail- econextconsultants@gmail.com, Mob. No: +91-7992448925

I hereby undertake that all the modification so made in the scheme of mining by the recognized person may be deemed to have been made with my knowledge and consent and shall be acceptable to me and binding on me in all respect. I have "understood the contents further. I hereby authorize Dr. Ashish Sharma to collect the copies of approved Plan of mining along with approval letter from you or you may directly send the same on RQP above said address.

APPLICANT

M/s PRATAP ENTERPRISES

Mouza - DHAKAICH,

Anchal - DUMRAON,

District- BUXAR (Bihar)

Pin no. - 802119

DATE -

PLACE:

M/s PRATAP ENTERPRISES

हरीश्वर कुमार
Proprietor

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

DOCUMENTS & LAND AGREEMENT

M/s PRATAP ENTERPRISES

मनोहर कुमार
Proprietor

Dr. Ashish Sharma
Phd-Geology

Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9



द्वितीय पक्ष-



4746 30.10.24

मनोहर कुमार, धार, मुस्तालीगंज, बक्सर, AX 853283
 धार - बक्सर, धार-काहा

एकरारनामा (Agreement) ला० नं० 3/95-96

शंभु दुबे, पिता- स्व. राम अयोध्या दुबे, ग्राम-बडका, डकाइच, पोस्ट-बडका, डकाइच, 30.10.24

थाना-कृष्णाब्रह्म, जिला-बक्सर का स्थायी निवासी हूँ।
 मैं शपथ पूर्वक घोषणा करता हूँ कि:-
 मेरासं प्रताप इंटरप्राइजेज, प्रो०- मनोहर कुमार, पिता-
 श्री प्रहलाद सिंह, निमेज टोला डुमराँव, अंचल-डुमराँव,
 जिला-बक्सर का स्थायी निवासी हूँ।

प्रथम पक्ष अपनी जमीन द्वितीय पक्ष को 2 मीटर
 गिट्टी काटकर ईंट बनाने के लिए पाँच वर्ष तक का
 सहमती दे रहा है। जिसका खाता, खेसरा निम्नलिखित
 है।

ग्राम	खाता नं.	खेसरा नं.	एराजी
मौजा-रामपुर	175	1240	3 एकड़ 23डी०
थाना नं-164			

प्रथम पक्ष का हस्ताक्षर:-

शंभु दुबे

द्वितीय पक्ष हस्ताक्षर:-

मनोहर कुमार

Attestation of the Department of
 the registration of given in the
 30.10.24

ATTESTED

Dr. Anand Kumar
 NOTARY, BUXAR

PRATAP ENTERPRISES

मनोहर कुमार
 Proprietor

Approved RQP Dept. of Mines & Geology
 Govt. of Bihar Approved RQP List, SI No.-9

Scanned with OKEN Scanner



बिहार सरकार
बिहार सरकार
राजस्व एवं भूमि सुधार विभाग
जमाबंदी पंजी प्रति

भाग वर्तमान : 1	पृष्ठ संख्या : 466	जमाबंदी संख्या : 140	कंप्यूटरीकृत जमाबंदी संख्या : 194144000063210
जिला का नाम : Buxar	अनुमंडल नाम : Dumraon	अंचल का नाम : Dumraon	हलका का नाम : छतनवार
मौजा का नाम : रामपुर	होलिंग संख्या : N/A	तौजी संख्या : 0	थाना नंबर : 164
राम अयोध्या दुबे , पिता/बाप/अबू -मुसाफिर दुबे , जाति- N/A निवासी- Dhakaich			

खाता सं०	प्लॉट/खेसरा सं०	रकबा	चौहद्दी	परिवर्तन के लिए प्राधिकार	लगान	सेस
175	1242	0 ए 31.625 डि 0 हे	पूरः पूरः उरः उरः	n/a	40	0
	1240---	3 ए 23 डि 0 हे	पूरः पूरः उरः उरः			
	कुल परिमाण	3 ए 54.625 डि 0 हे				

अंतिम लगान का विवरण

तारीख	प्राप्ति पत्र सं०	सात से	सात तक	लागत बकाया
2018-07-21	0368041	2018	2019	0
21/07/2018	0368041	2018	2019	0
2024-08-28 10:08:30	28082410073467332851	2019-2020	2024-2025	200
2026-01-21 11:28:51	21012611270633966335	2025-2026	2025-2026	0

उपरोक्त जमाबंदी के विरुद्ध दाखिल खारिज का विवरण

SI No	Case No	Mauja	Khata No	Plot No	Area	Applicant Name	Application Date	Status	View
1	813 / 2021 - 2022	रामपुर-164	175	1242	0 एकड़ 9.375 डिसमील	बुधिया देवी	27/06/2021	Status Correction Slip generated	

[यदि आप किसी भी प्लॉट के रजिस्ट्रेशन के बारे में जानकारी प्राप्त करना चाहते हैं तो यहां क्लिक करें।](#)

[उपरोक्त जमाबंदी के विरुद्ध भूमि बंधक \(Land Mortgage \) से सम्बंधित विवरण देखने के लिए यहाँ क्लिक करें](#)

[जमाबंदी में किये गए बदलाव का विवरण देखने के लिए यहाँ क्लिक करें](#)

[उपरोक्त जमाबंदी के विरुद्ध विभिन्न राजस्व कोर्ट में दायर मुकदमों का विवरण देखने के लिए यहाँ क्लिक करें](#)

यह एक कम्प्यूटर जनित प्रति है
किसी भी प्रकार की अशुद्धियों के लिए सम्बन्धित अंचलाधिकारी से संपर्क करें

Last Updated Date:-22/01/2026

ग्राम कचहरी, दकाईच

प्रखण्ड- सिमरी, जिला- बक्सर (बिहार)

सरपंच

बिन्दु दुबे

ग्राम-पो०- बड़का दकाईच

जिला- बक्सर (बिहार)

पिन कोड-802133

पो०- 8809133014

पत्रांक 3160

दिनांक 12.9.25

प्रमाणित किया जाता है कि आम्बु इवे पिता स्व० राम इमोबला इवे ग्राम-पो०- बड़का दकाईच, थाना- कृष्णा-ग्रह, जिला- बक्सर के दयाभी निवासी है। उनकी पारिवारिक सूची निम्न प्रकार है।

स्व० भुलन इवे

↓
स्व० भुलन इवे

↓
स्व० हरिमोहन इवे
(मरुत)

↓
स्व० राम इमोबला इवे
पत्नी- कमली देवी

बिन्दु दुबे

सरपंच
ग्राम कचहरी दकाईच
प्रखण्ड-सिमरी, जिला-बक्सर



भारत सरकार

Government of India

मनोहर कुमार

Manohar Kumar

जन्म तिथि / DOB : 15/01/1990

पुरुष / Male



MR. PRATAP ENTERPRISES



4430 3299 4451

आधार - आम आदमी का अधिकार

Dr. Jaswanti Sharma
Approved ROP for Mines & Geology
Govt. of Bihar Approved ROP List, SI No. 9



भारतीय विशिष्ट पहचान प्राधिकरण

Unique Identification Authority of India

पता:

आत्मज: प्रहलाद सिंह, वॉर्ड न -24,
निमेज टोला, डुमराँ, डुमराओं, बक्सर,
बिहार, 802119

Address:

S/O: Prahlad Singh, ward no -24,
nimej tola, Dumraon, Dumraon,
Buxar, Bihar, 802119

4430 3299 4451



1947

1800 300 1947



help@uidai.gov.in

WWW

www.uidai.gov.in

Scanned with OKEN Scanner

Dr. Ashish Sharma
Approved ROP Dept. of Mines & Geology
Govt. of Bihar Approved ROP List, SI No.-9

MAHAPRAKASH ENTERPRISES

प्रमाणित
प्रमाणित

आयकर विभाग
INCOME TAX DEPARTMENT



भारत सरकार
GOVT. OF INDIA



स्थायी लेखा संख्या कार्ड
Permanent Account Number Card

BBNPK2033A

नाम/ Name

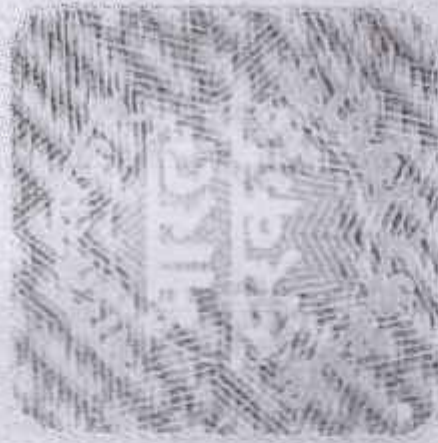
MANOHAR KUMAR

पिता का नाम/ Father's Name
PRAHLAD SINGH

जन्म की तारीख/ Date of Birth
15/01/1990

सन्तोहर कुमार

हस्ताक्षर/ Signature



30062018

M/s PRATA ENTERPRISES

सन्तोहर कुमार
Proprietor

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9



Government of India
Form GST REG-06
[See Rule 10(1)]

Registration Certificate

Registration Number : 10BBNPK2033A1ZJ

1.	Legal Name	MANOHAR KUMAR			
2.	Trade Name, if any	PRATAP ENTERPRISES			
3.	Constitution of Business	Proprietorship			
4.	Address of Principal Place of Business	N/A, BARKA DHAKAICH, DUMRAON , BUXAR, Buxar, Bihar, 802119			
5.	Date of Liability				
6.	Period of Validity	From	12/10/2018	To	NA
7.	Type of Registration	Regular			
8.	Particulars of Approving Authority	Centre			
Signature		Signature Not Verified Digitally signed by S GOODS AND SERVICES TAX NETWORK 1 Date: 2018.10.12 13:00:28 IST			
Name		Vinod Kumar			
Designation		Superintendent			
Jurisdictional Office		Buxar			
9. Date of issue of Certificate		12/10/2018			
Note: The registration certificate is required to be prominently displayed at all places of business in the State.					

This is a system generated digitally signed Registration Certificate issued based on the approval of application granted on 12/10/2018 by the jurisdictional authority.

PRATAP ENTERPRISES

Handwritten signature and stamp

Dr. Ashish Sharma

Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No-9

Scanned with OKEN Scanner



सत्यमेव जयते

Annexure B

GSTIN

10BBNPK2033A1ZJ

Legal Name

MANOHAR KUMAR

Trade Name, if any

PRATAP ENTERPRISES

Details of Proprietor

1



Name

MANOHAR KUMAR

Designation/Status

PROPRIETOR

Resident of State

Bihar

M/s PRATAP ENTERPRISES

मानोहर कुमार
Proprietor

Dr. Ashish Sharma
Phd-Geology

Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No.-9

Scanned with OKEN Scanner

**BIHAR STATE POLLUTION CONTROL BOARD**PARIVESH BHAWAN, PLOT NO. NS-B/2, PALIPUTRA INDUSTRIAL AREA,
PATILPUTRA, Patna - 800 010

Ref. No. - 257

Patna, dated- 02.2.2021

EMISSION CONSENT ORDER

With reference to the on-line application no. -4306520 dated 27.12.2020, received on 29.12.2020 previous CTE dated 14.12.2020 which period was valid up to 13.06.2021, env. compensation submitted on 17.11.2020 and affidavit dated 28.11.2020/22.09.2020 regarding conversion of existing kiln to 'Cleaner Technology for Brick Production' (Type-Bull's Trench Kiln (BTK), Cleaner Technology with zig-zag process & natural/induced draft firing technology) etc of M/s Pratap Enterprises, Ward No.-24, Nima; Tola, P.O.-Dumrao, Dist-Buxar for consent under section 21 of the Air (Prevention & Control of Pollution) Act, 1981, hereby is/are granted Consent-to-Operate (CTO) to the Brick kiln (Capacity-10,000 bricks/day) At-Dhakaich, Mauza-Rampur, P.O.- Dumrao, P.S.-Krishna Brahm, Dist-Buxar for the period of five years from the date of issue with the following conditions:-

1. That he/they not make any alteration, addition, deletion or modification in the plant without the prior clearance from the Board and shall also abide by the obligations under Sections 22, 23 and 31 A of the air (Prevention & Control of Pollution) Act, 1981 and further shall extend co-operation of the Board in performing its function entrusted under sections 24, 25 and 26 of the Act.
2. That, he /they shall comply with the requirements of rule 14 of the Environment (Protection) Rules, 1986, Rules 4, 6, 8, 9, 12, 13, 17, 18, 19, 20, 22 and 23 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules 2016, Rules 4, 5, 7, 8, 10, 11, 12, 13, 14, 15, 17 and 18 of the Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, and the provisions of the Public Liability Insurance Act, 1991 whichever is applicable.
3. That, he/they shall monitor his/her emission(s) and the ambient air quality from representative points regularly and shall maintain its quality in conformity with Board's standards and shall produce its proof, as and asked for.
4. That, he/they shall submit application for consent before 30 days before the date of expiration of the consent or within 30 days from the date of receipt of this order, whichever is applicable.
5. That, they shall conform to following emission and stack height regulations (whichever applicable)

Type of Kiln	Category	Production capacity (bricks/day)	Trench Width in meter	Minimum Stack height in meter	Maximum limit of PM for cleaner technology based (mg/nm ³)
BTK	Small	Less than 15,000	<= 5.0	22 or 12 m in case of induced draft fan operating	250
	Medium	15,000-30,000	4.50-6.75	27 or 12 m in case of induced draft fan operating	250
	Large	Above 30,000	Above 6.75	30 or 12 m in case of induced draft fan operating	250

6. That, they shall achieve the particulate matter emission limit by installing gravity settling chamber or providing appropriate stack height.
7. That, the unit shall submit flue gas analysis report to the Board yearly and that shall conform to the standard prescribed by the Board.
8. That, they shall comply with the provisions of the Bihar Minerals (Concession, Prevention of illegal mining, Transportation & Storage) (Amended) Rules, 2020.
9. That, all the moving area around the main brick kiln including access road should be paved with the bricks to minimize the fugitive dust emissions from the brick kiln operations.
10. That, tree plantation all around the campus in two (2) rows of evergreen species shall be developed and well maintained.
11. That, the environmental statement for each financial year ending 31st Sept. in Form-V as is amended to be submitted by the proponent to the Board as prescribed in the Environment (Protection) Rules, 1986.
12. The unit shall have a display board near the site stating name of unit/industry with address/name of proprietor with address and ref. no. and date of consent with its validity period granted by the Board.
13. That, in compliance of direction of the Hon'ble Supreme Court and vide Board's HQ ref no.-2638, dated 09.07.2019, they shall make provisions for display of data outside main factory gate about quantity and quality of water discharge and air emission, along with solid waste generated within the factory premises;

A/c

Dr. Ashish Sharma

Phd-Geology

Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No.-9

Scanned with OKEN Scanner

M/s PRATAP ENTERPRISESH. N. S. Kumar
Proprietor

14. That, notwithstanding any thing stated above, the applicant unit shall abide by all the provisions of the environmental laws including policies and guidelines made there under and
15. That, this CTO is granted on the basis of affidavit/undertaking up-loaded by the applicant and subject to the condition that in the event of any information/documents submitted by the proponent are found false or misleading at any stage, the NOC/CTO granted, shall be revoked and legal action shall be initiated. If any serious objection is raised and found to be true as regard to siting of the above unit and pollution control measures then they (unit) shall have to close the unit forthwith and shift to a suitable location at proponent's risk and cost.

To
Sri Manohar Kumar, Proprietor,
M/s Pratap Enterprises,
Ward No.-24, Nimaj Tola,
P.O.-Dumrao, Dist-Buxar

Akumar
02.02.21
(Anil Kumar)
Regional Officer, Patna

M/s PRATAP ENTERPRISE.

Manohar Kumar
Proprietor

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No.-9

**BIHAR STATE POLLUTION CONTROL BOARD**

Parivesh Bhawan, NSD-2, Patliputra Industrial Area
Patliputra, Patna - 800 010

Ref. No.:-

Patna, dated:-

'CONSENT-TO-ESTABLISH' (NOC)

UNDER SECTION 25/26 OF THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT, 1974 AND 21 OF THE AIR (PREVENTION AND CONTROL OF POLLUTION) ACT, 1981

REFERENCE

- (i) Name and address of the Proponent: Environmental compensation deposited by Sri Manohar Kumar, S/o-Sri Prahlad Singh, M/s Pratap Enterprises, Ward No.-24, Nimaj Tola, Dumraon, Distt - Buxar; and
- (ii) Application ID: 4002987, dated: 03.10.2020 of the proponent to establish Brick kiln having fixed chimney with cleaner technology at Khata No.-175, Khesra No.- 1226, 1227, 1228, 1229, 1239, 1240, Thana No.-164, Mauza-Rampur, Al-Dhakaich, P.O.- Dumraon, P.S.- Krishna Brahm, Distt.- Buxar with Capacity:- Bricks-10,000 Numbers/day.

AFTER CONSIDERING:

- (i) The facts stated in their application;
- (ii) Bihar State Pollution Control Board's Notification No.3, dated 21.01.2004;
- (iii) Provisions of the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981.
- (iv) Bihar State Pollution Control Board's Notification No.115, dated 22.10.2020;
- (v) An affidavit dated 27.09.2020

NOC IN FAVOUR OF THE PROPONENT AT THE SAID SITE IS HEREBY ACCORDED SUBJECT TO THE FOLLOWING CONDITIONS:

- (i) The proponent shall obtain 'Consent-to-Operate' under section 21 of the Air Act, 1981 prior to commissioning of the plant from Bihar State Pollution Control Board.
- (ii) That, the unit shall submit flue gas analysis report to the Board yearly and that shall conform to the standard of the Board and particulate matter in the emission shall not exceed more than 250 mg/Nm³;
- (iii) That, all the moving area around the main brick kiln including access road should be paved with the bricks to minimize the fugitive dust emissions from the brick kiln operations;
- (iv) Coal fines of 10mm. size shall be used, and use of coal with more than 35% ash content shall be avoided;
- (v) Top of the kiln shall be covered with a layer of ash followed by fire bricks or tiles for better thermal insulation, as well as for protecting the ash from spreading by winds;
- (vi) Agro wastes shall be used as fuel as far as possible;
- (vii) Minimum height of the stack shall be 27m provided with gravity settling chamber;

Page 1 of 2

EPADN & 0612-2261250/2262265, Fax & 0612-2261050
E-mail: bspcb@vsnl.com, Website: http://bspcb.bih.nic.in

M/s PRATAP ENTERPRISE

Manohar Kumar
Proprietor

Dr. Ashish Sharma
Phd-Geology

Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

Scanned with OKEN Scanner



BIHAR STATE POLLUTION CONTROL BOARD

Parvesh Bhawan, NSB-2, Patliputra Industrial Area
Patliputra, Patna - 800 010

- (viii) Port hole of 10 cm. dia with industrial flange and cap between atleast two stack diameter length below stack exit and atleast eight stack diameter length above last obstruction shall be constructed. A platform of 1m.x1.5m. area (for supporting 3 persons and 90 kg equipment) shall be provided just one meter below the porthole. A suitable ladder shall also be provided.
- (ix) The depth of soil mining shall not be kept more than 1.5m from nearby surface.
- (x) Plantation, at least in two meters width, shall be done around the plot to develop a green belt.
- (xi) The unit shall have a display board near the site stating name of unit/industry with address/name of proprietor with address and ref memo no and date of consent with its validity period granted by the Board; and
- (xii) As per affidavit submitted by you fixed Bricks Kiln have to be established with cleaner technology only.

NOTE:

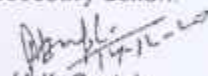
- 1. Bihar State Pollution Control Board reserves the option to revise or add other conditions, if necessary, for protection of Environment in general and for Pollution Control in particular;
- 2. The present NOC, should not be construed as an assurance for the grant of 'Consent-to-Operate' the proposed plant but shall be subject to compliance of all the conditions indicated above.

Sd/-
(A.K. Gupta)
Regional Officer, Patna

Memo No. 2250

Patna, dated:- 18.12.2020

Copy to : Sri Manchar Kumar, S/o-Sri Prahlad Singh, M/s Pratap Enterprises,
Ward No.-24, Nimaj Tola, Dumraon, Distt.- Buxar for information & necessary action.


(A.K. Gupta)
Regional Officer, Patna

Page 2 of 2

EPANX & 0612-2261250/2262265, Fax & 0612-2261050
E-mail: bspcb@yahoo.com, Website: <http://bspcb.bih.nic.in>

M/s PRATAP ENTERPRISES


Proprietor

Dr. Ashish Sharma
Phd-Geology

Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

Scanned with OKEN Scanner

प्रेषित,

खान निरीक्षक
बक्सर।

विषय :- ईट-सत्र-2023-24 में संचालित किये जाने वाले ईट-भट्टा का स्वामित्व एवं अन्य राशि
भुगतान करने के सम्बन्ध में।

महाशय,

सविनय निवेदन है कि मैं श्री मनोहर कुमार बक्सर
जिलान्तर्गत प्रखण्ड- SHRI मौजा- रामपुर में अवस्थित ईट उद्योग
संचालित किया जाना है। ईट उद्योग के संचालन हेतु वांछित कागजात आवेदन के साथ संलग्न है। देय
स्वामित्व की राशि की विवरणी निम्न प्रकार है :-

क्र०सं०	भद	राशि	बैंक का नाम	बैंक ड्राफ्ट / GRN No.	बैंक ड्राफ्ट / OGRAS का दिनांक
1	स्वामित्व	111875	S.B.I	BHR202311006837884	27.11.23
2	आयकर	2201	S.B.I	23112700024198	27.11.23
3	डीएमओएफओ	2137	S.B.I	SHRI 23112700024198	27.11.23



अतः अनुरोध है कि बैंक ड्राफ्ट / OGRAS के माध्यम से जमा राशि को खनन शीर्ष में
समायोजित कर अनुज्ञा पत्र प्रदान करने की कृपा की जाय।

संलग्न कागजात :-

1. OGRAS द्वारा बैंक में जमा प्रति।
2. बैंक ड्राफ्ट (आयकर एवं DMF)।
3. ईट-सत्र 2022-23 का अनुज्ञा पत्र
4. शपथ पत्र की मूल प्रति।
5. जमीन के कागजात की छायाप्रति।
6. जमीन के नक्शा की छायाप्रति।
7. CTO की छायाप्रति।
8. पैन कार्ड, आधार कार्ड एवं GST की छायाप्रति।
9. वाणिज्य कर विभाग में पेशाकर भुगतान प्रमाण पत्र। मार्का-

श्री मनोहर कुमार

प्रो० का हस्ताक्षर

मेसर्स- प्रताप इंटरप्राइजेज

प्रो० का नाम- श्री मनोहर कुमार

पार्टनर का नाम-

पिता का नाम- श्री प्रहलाद सिंह

ग्राम- निमज शीला झरना

पोस्ट- SHRI

थाना- SHRI

अंचल- SHRI

जिला- बक्सर

मो० नं०- 9128662472

श्रेणी-

M/s PRATAP ENTERPRISES

श्री मनोहर कुमार
Owner

Dr. Ashish Sharma
Phd-Geology

Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No-9

Scanned with OKEN Scanner



M/s PRATAP ENTERPRISES

मनीष कुमार
pmrrietor

Dr. Ashish Sharma
Phd-Geology

Approved RQP Dept. of Mining & Geology
Govt. of Bihar Approved RQP List, SI No.-9
Scanned with OKEN Scanner

RQP CERTIFICATE

M/s PRATAP ENTERPRISES

हमारे द्वारा
Proprietor

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 28th March, 2020

S.O. 1224(E).—WHEREAS, vide the Mineral Laws (Amendment) Act, 2020 (2 of 2020), the Mines and Minerals (Development and Regulation) Act, 1957 (67 of 1957) (hereinafter referred to as MMDR Act) has been amended with effect from the 10th day of January, 2020 and, *inter alia*, new section 8B relating to the provisions for transfer of statutory clearances has been inserted;

AND WHEREAS, sub-section (2) of section 8B of the MMDR Act provides that notwithstanding anything contained in this Act or any other law for the time being in force, the successful bidder of mining leases expiring under the provisions of sub-sections (5) and (6) of section 8A and selected through auction as per the procedure provided under this Act and the rules made thereunder, shall be deemed to have acquired all valid rights, approvals, clearances, licences and the like vested with the previous lessee for a period of two years;

AND WHEREAS, sub-section (3) of section 8B of the MMDR Act provides that notwithstanding anything contained in any other law for the time being in force, it shall be lawful for the new lessee to continue mining operations on the land, in which mining operations were being carried out by the previous lessee, for a period of two years from the date of commencement of the new lease;

AND WHEREAS, in pursuance of the aforesaid amendment to the MMDR Act, the Central Government deems it necessary to align the relevant provisions of the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1573 (E), dated the 14th September, 2006 (hereinafter referred to as the EIA Notification, 2006);

AND WHEREAS, the Ministry of Environment, Forest and Climate Change is in the receipt of representations for waiver of requirement of prior environmental clearance for borrowing of ordinary earth for roads; and manual extraction of lime shells (dead shells), shrimps, etc., within inter tidal zone by the traditional community;

Now, therefore, in exercise of the powers conferred by sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986), read with sub-rule (4) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government, after having disposed with the requirement of notice under clause (a) of sub-rule (3) of the rule 5 of the said rules, in public interest, and in supersession of the notification number S.O. 4307(E), dated the 25th November, 2019, hereby makes the following further amendments in the EIA Notification, 2006, namely:-

In the said notification,

(i) in paragraph 11, after sub-paragraph (2), the following sub-paragraph shall be inserted, namely:-

"(3) The successful bidder of the mining leases, expiring under the provisions of sub-sections (5) and (6) of section 8A of the Mines and Minerals (Development and Regulation) Act, 1957 (67 of 1957) and selected through auction as per the procedure provided under that Act and the rules made thereunder, shall be deemed to have acquired valid prior environmental clearance vested with the previous lessee for a period of two years, from the date of commencement of new lease and it shall be lawful for the new lessee to continue mining operations as per the same terms and conditions of environmental clearance granted to the previous lessee on the said lease area for a period of two years from the date of commencement of new lease or till the new lessee obtains a fresh environmental clearance with the terms and conditions mentioned therein, whichever is earlier.

Provided that the successful bidder shall apply and obtain prior environmental clearance from the regulatory authority within a period of two years from the date of grant of new lease."

(ii) in the Schedule, against the item (ix), in the column (3), after clause (2) of the Note, the following clause shall be inserted, namely:-

"(3) The evacuation or removal and transportation of already mined out material lying within the mining leases expiring under the provisions of the Mines and Minerals (Development and Regulation) Act, 1957 (67 of 1957), by the previous lessee, after the expiry of the said lease, shall not form the part of the mining capacity so permitted to the successful bidder, selected through auction as per the procedure provided under that Act and the rules made thereunder."

(iii) for Appendix-IX, the following Appendix shall be substituted, namely:-

MR. PRATAP ENTERPRISE

संतोष कुमार
Proprietor

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

"APPENDIX IX"

EXEMPTION OF CERTAIN CASES FROM REQUIREMENT OF ENVIRONMENTAL CLEARANCE

The following cases shall not require Prior Environmental Clearance, namely:-

1. Extraction of ordinary clay or sand by manual mining, by the Kunhars (Potter) to prepare earthen pots, lamp, toys, etc. as per their custom.
2. Extraction of ordinary clay or sand by manual mining, by earthen tile makers who prepare earthen tiles.
3. Removal of sand deposits on agricultural field after flood by farmers.
4. Customary extraction of sand and ordinary earth from sources situated in Gram Panchayat for personal use or community work in village.
5. Community works, like, de-silting of village ponds or tanks, construction of village roads, ponds or bunds undertaken in Mahatma Gandhi National Rural Employment and Guarantee Schemes, other Government sponsored schemes and community efforts.
6. Extraction or sourcing or borrowing of ordinary earth for the linear projects such as roads, pipelines, etc.
7. Dredging and de-silting of dams, reservoirs, weirs, barrages, river and canals for the purpose of their maintenance, upkeep and disaster management.
8. Traditional occupational work of sand by Vanjara and Oads in Gujarat vide notification number GU/90163/MCR.2189(68)5-CHH, dated the 14th February, 1990 of the Government of Gujarat.
9. Manual extraction of lime shells (dead shells), shrimps, etc., within inter tidal zone by the traditional community.
10. Digging of wells for irrigation or drinking water purpose.
11. Digging of foundation for buildings, not requiring prior environmental clearance, as the case may be.
12. Excavation of ordinary earth or clay for plugging of any breach caused in canal, nullah, drain, water body, etc., to deal with any disaster or flood like situation upon orders of the District Collector or District Magistrate or any other Competent Authority.
13. Activities declared by the State Government under legislations or rules as non-mining activity."

[F. No. Z-11013/47/2018-IA.II (M)]

GEETA MENON, Jt. Secy.

Note: The principal notification was published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) vide number S.O. 1533 (E), dated the 14th September, 2006 and subsequently amended vide the following numbers:-

1. S.O. 1949 (E), dated the 13th November, 2006;
2. S.O. 1737 (E), dated the 11th October, 2007;
3. S.O. 3067 (E), dated the 1st December, 2009;
4. S.O. 695 (E), dated the 4th April, 2011;
5. S.O. 156 (E), dated the 25th January, 2012;
6. S.O. 2896 (E), dated the 13th December, 2012;
7. S.O. 674 (E), dated the 13th March, 2013;
8. S.O. 2204 (E), dated the 19th July, 2013;
9. S.O. 2555 (E), dated the 31st August, 2013;
10. S.O. 2559 (E), dated the 22nd August, 2013;
11. S.O. 2731 (E), dated the 9th September, 2013;
12. S.O. 562 (E), dated the 26th February, 2014;
13. S.O. 637 (E), dated the 28th February, 2014;

PRATAP ENTERPRISES

समीर कुमार
Proprietor

Dr. Ashish Shar
Phd-G
Approved ROP Dept. of Mines & G
Govt. of Bihar Approved ROP List

14. S.O. 1599 (E), dated the 25th June, 2014;
15. S.O. 2601 (E), dated the 7th October, 2014;
16. S.O. 2600 (E), dated the 9th October, 2014;
17. S.O. 3252 (E), dated the 22nd December, 2014;
18. S.O. 382 (E), dated the 3rd February, 2015;
19. S.O. 811 (E), dated the 23rd March, 2015;
20. S.O. 996 (E), dated the 19th April, 2015;
21. S.O. 1142 (E), dated the 17th April, 2015;
22. S.O. 1141 (E), dated the 29th April, 2015;
23. S.O. 1834 (E), dated the 6th July, 2015;
24. S.O. 2571 (E), dated the 31st August, 2015;
25. S.O. 2572 (E), dated the 14th September, 2015;
26. S.O. 141 (E), dated the 15th January, 2016;
27. S.O. 648 (E), dated the 3rd March, 2016;
28. S.O. 2269(E), dated the 1st July, 2016;
29. S.O. 2944(E), dated the 14th September, 2016;
30. S.O. 3518 (E), dated 21st November 2016;
31. S.O. 3999 (E), dated the 9th December, 2016;
32. S.O. 4241(E), dated the 30th December, 2016;
33. S.O. 3611(E), dated the 25th July, 2018;
34. S.O. 3977 (E), dated the 14th August, 2018;
35. S.O. 5733 (E), dated the 14th November, 2018;
36. S.O. 5736 (E), dated the 15th November, 2018;
37. S.O. 5845(E), dated the 26th November, 2018;
38. S.O. 345(E), dated the 17th January, 2019;
39. S.O. 1960(E), dated the 13th June, 2019;
40. S.O. 236(E), dated the 16th January, 2020;
41. S.O. 751(E), dated the 17th February, 2020, and
42. S.O. 1223(E), dated the 27th March, 2020.

Uploaded by Dte. of Printing at Government of India Press, Ring Road, Mayapuri, New Delhi-110064
and Published by the Controller of Publications, Delhi-110054.

PRATAP ENTERPRISES

Handwritten Signature
Proprietor

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

No. L-11011/47/2011-IA.II(M)
Government of India
Ministry of Environment & Forests

Paryavaran Bhawan,
C.G.O. Complex, Lodhi Road,
New Delhi-110003.

Dated: 24th June, 2013

OFFICE MEMORANDUM

Subject: Guidelines for consideration of proposals for grant of environmental clearance under EIA Notification, 2006 for mining of 'brick earth' and 'ordinary earth' having lease area less than 5 ha - regarding categorization as Category 'B2'

The Hon'ble Supreme Court, vide its order dated 27.02.2012 in I.A.No.12-13 of 2011 in SLP (C) No.19628-19629 of 2009 titled Deepak Kumar etc. Vs. State of Haryana & Ors. has inter alia ordered that leases of minor mineral including their renewal for an area less than 5 ha be granted by the State / Union Territory only after getting environment clearance (EC) from the Ministry of Environment & Forests (MoEF). In order to ensure compliance of the aforesaid order of the Hon'ble Supreme Court, MoEF issued an OM No.L-11011/47/2011-IA.II(M) dated 18.05.2012 stating inter alia that all mining projects of minor minerals including their renewal, irrespective of the size of the lease would henceforth require prior EC and that the projects of minor minerals with lease area less than 5 ha would be treated as Category "B" as defined in EIA Notification, 2006 and will be considered by the respective State Environment Impact Assessment Authorities (SEIAAs) notified by MoEF and following the procedure prescribed under the EIA Notification, 2006.

2. MoEF has received a number of representations conveying problems being faced by the brick kiln manufacturers in obtaining EC for 'brick earth' mined by them for making bricks and by the developers of road projects in respect of mining of 'ordinary earth' used for road construction. The brick kiln manufacturers have requested that as the digging of 'brick earth' for making bricks is a small scale activity requiring digging only upto a certain depth, the activity may be kept outside the purview of EC. The project proponents developing roads have represented that the 'ordinary earth' required for road construction is generally taken from the farmers / individuals along the road alignment from their borrows. It would be impractical to ask the farmers / individuals to obtain EC for such digging. In a nutshell, the arguments being put forth are that while digging of 'brick earth' for brick making and 'ordinary earth' for road making do not have serious environmental implications, the provisioning for EC for such operations is impeding these development activities because of practical problems in obtaining EC.

Page 1 of 3

NVS PRATAP ENTERPRISE:-

HOTEC BUK
Proprietor

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

3. MoEF vide OM No F.No.J-11013/12/2013-IA-II(I) dated 30.01.13 has constituted an Expert Committee, under the Chairmanship of Director, NEERI, Nagpur, to categorize Category "B" projects / activities into Category "B1" and "B2" under EIA Notification, 2006 and review classification of projects / activities into "A" and "B" and General conditions as contained in the aforesaid Notification. The issues raised by brick kiln manufacturers regarding 'brick earth' and road developers in respect of 'ordinary earth' were referred by MoEF to this Expert Committee to give their recommendations. The Committee deliberated upon these issues and has since given its recommendations in the matter.

4. The recommendations of the Committee have been examined by MoEF and the following has been decided:

(a) The activities of borrowing / excavation of 'brick earth' and 'ordinary earth', upto an area less than 5 ha, may be categorized under 'B2' Category subject to the following guidelines in terms of the provisions under '7.1 Stage(1)-Screening' of EIA Notification, 2006:

- (i) The activity associated with borrowing/excavation of 'brick earth' and 'ordinary earth' for purpose of brick manufacturing, construction of roads, embankments etc. shall not involve blasting.
- (ii) The borrowing/excavation activity shall be restricted to a maximum depth of 2 m below general ground level at the site.
- (iii) The borrowing/excavation activity shall be restricted to 2 m above the ground water table at the site.
- (iv) The borrowing/excavation activity shall not alter the natural drainage pattern of the area.
- (v) The borrowed/excavated pit shall be restored by the project proponent for useful purpose(s).
- (vi) Appropriate fencing all around the borrowed/excavated pit shall be made to prevent any mishap.
- (vii) Measures shall be taken to prevent dust emission by covering of borrowed/excavated earth during transportation.
- (viii) Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
- (ix) Workers / labourers shall be provided with facilities for drinking water and sanitation.
- (x) A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth depth of proposed excavation.

M/s PRATAP ENTERPRISES
Pratap Enterprises
Proprietor

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No.-9

(xi) A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.

(xii) The concerned SEIAA while considering granting environmental clearance for such activity for brick earth / ordinary earth will prescribe the guidelines as stated at (i) to (xi) above and specify that the clearance so granted shall be liable to be cancelled in case of any violation of above guidelines.

(b) Notwithstanding what has been stated at (a) above, the following will apply:-

- (i) No borrowing of earth / excavation of 'brick earth' or 'ordinary earth' shall be permitted in case the area of borrowing/ excavation is within 1 km of boundary of national parks and wild life sanctuaries.
- (ii) In case the area of borrowing / excavation is likely to result into a cluster situation i.e. if the periphery of one borrow area is less than 500 m from the periphery of another borrow area and the total borrow area equals or exceeds 5 ha, the activity shall become Category 'B1' Project under the EIA Notification, 2006. In such a case, mining operations in any of the borrow areas in the cluster will be allowed only if the environmental clearance has been obtained in respect of the cluster.

This comes with the approval of the Competent Authority.


(Dr. Saroj)
Duggal

Telefax : 24364067

To:

1. All the Officers of JA Division
2. Chairpersons/Member Secretaries of all the SEIAAs/SEACs
3. Chairman, CPCB
4. Chairpersons / Member Secretaries of all the SPCHs/ITPCs

Copy to:-

1. PS to MEF
2. PPS to Secretary (E&F)
3. PPS to ADG(F)
4. PPS to ADG(W)
5. PPS to JS(AT)
6. PPS to HRTU
7. Website: MoEF
8. Guard File

Page 3 of 3

PRATAP ENTERPRISES


Anil Kumar
Proprietor

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No.-9

बिहार राज्यातर्गत लघु खनिजों के खनन योजना तैयार करने हेतु एंजेंसी Empanelment के लिए आमंत्रित Expression of Interest के तहत प्राप्त निविदा के क्रम में दिनांक-22.08.2019 को अपराह्न 03:00 बजे विभागीय समिति के बैठक की कार्यवाही :-

बिहार राज्यातर्गत लघु खनिजों के खनन योजना तैयार करने हेतु एंजेंसी Empanelment के लिए आमंत्रित Expression of Interest के दस्तावेजों/कागजातों के आधार पर PMU द्वारा तैयार विस्ली की जॉच खान एवं भूतत्व विभाग, पटना के अपर सचिव-सह-निदेशक-सह-अध्यक्ष के कार्यालय कक्ष में अन्य सदस्यों के समक्ष की गई। -

2. आमंत्रित Expression of Interest के तहत कुल 36 आवेदन विभाग को प्राप्त हुए, जिसमें से कडिका-14 में उल्लेखित प्रतिष्ठान भूमि इन्वॉयरटेक प्रॉपर्टी को योग्यता संबंधी प्रमाण पत्र नहीं संलग्न करने के कारण तथा कडिका-34 में उल्लेखित मैसर्स संयुक्त इन्फ्रा को संबंधित योग्यता प्रमाण पत्र संलग्न नहीं होने के कारण अधोम्य घोषित करने का निर्णय लिया गया तथा शेष 34 को Empanelled करने का निर्णय लिया गया, विवरणी निम्नवत है :-

Sl. No.	Name	Contact Number	Qualifications	Rate for preparation of Mining Plan (per Ha)	Rate details	Address
1	Dr. Radha Rand Singh	9430252322 8340280122	M.Sc. Geology	Rs. 10,000/- (including of Tax & GST)		Dr. R.N Singh, 719-6-20, Sector 7, Block B, Flat 20, HIG Flat, Bahardpur Housing Colony, Patna-800025
2	Shree Tint Housh	7903157774	M.Sc. Geology	Rate Slab attached.	Rs. 10,000/- each Ha. Rs. 8,000/- for each subsequent additional Ha. (above rates are inclusive of 18% GST)	122 C, Aastha, Road No. 5 A, Patilpatti Colony, Patna - 800013
3	Dr. Anand Kumar Singh	9431508128	Ph.D. (Geology)	Rs. 10,000/- GST will be charged as per Government rules.		S/O-Udho Singh, C/O-Sri Indrajit Kumar Singh, A-6, Po Jiradei, District-Siwan, Bihar-841245
4	Rajesh Kumar	8008032447	B.E. (Mining Engineer)	Rate Slab attached.	Minimum INR 15,000/- per mining plan upto 3 Hectare. For more than 3 Hectare the rate shall be increased @INR 10,000/- per Hectare.	Plot No. 87, Rajwara Building, Sihar More, Near Mahtia Puloi Pump, Manipal, Gaya-824003
5	Dr. Abdul Rahman	7870527271	Ph.D. in Geology	Rs. 8,000/- (inclusive of Taxes)		B-78, P.C. Colony, Warkulbigh, Patna-800020
6	Punit Lata Mishra	9811337948 8700009427	M.Sc. (Geology)	Rs. 11,800/-	Rate per Hectare @10,000/- + GST @18% (Rs. 1800) =Rs. 11,800/-	House No- 121, raghav Bhawan, kobilari, Sankarpur, Bhagalpur-812005
7	Sanjay Kumar	943206888	M.Sc. (Geology)	Rs. 25,000/-	negotiable	Vasta-Santa Colony, Janakpur, Near St. Karen's School, Sola Road, Gopapur, Patna
8	Dr. Nabin Kumar Sinha	7388379510	B.E. (Mining)	Rs. 10,000/-		Dr. Nabin Kumar Sinha, A-112, Sanjay Gandhi Nagar, Kailashnagar, Road No.-9, Patna, Bihar

M/s PRATAP ENTERPRISES

सनीष्ट कुमार
Proprietor

Dr. Ashish Sharma

Phd-Geology

Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

9	Dr. Ashish Sharma	975335080	M.Sc(Geology)	As per approved rate of Govt. of Bihar		Hosh Villa Naya Tola Line Bazar, Purnea, Bihar-854301									
10	Ms. Sadique Jahan	702512896	M.Tech (Environmental Science & Engineering)	As per approved rate of Govt. of Bihar		Flat No-01 Ground Floor, hosh villa, Naya Tola Near Shiv Mandir, Line Bazar Purnea-854301									
11	Dr. Rakesh Kumar Singh	809517960	M. Sc. Geology M. Sc. (Geology)	As per approved rate of Govt. of Bihar		Village- Chappapur, P.O. - Selaun (Findra), District- varanasi, Pin FL 221206									
12	Shreshth Kumar Singh	943249808	M.Sc. (Applied Geology) M.Sc. Tech (Petroleum Geology)	Rs. 25,000/-		B-8, Prachi Karmika Apartment, Sector Samble Road, PO- Rajendra Nagar, District- Patna, Bihar-84									
13	Aneesh Lab Pvt. Ltd.	9372406818	B.E. Computer Science & Engineering	Rs. 31,800/-	Rate per Hectare (Rs.1,000/- + GST @18% (Rs. 4800) +Rs. 31,300/-)	60,Rajarajpur, Nagar, Nagpur-440011									
14	Bhoomi Enroltech Pvt. Ltd.	9095772278	Required qualification not attached	Rate provided as per slab	a. For 0 to 2 Ha - Rs. 38,000/- b. For above 2.0 Ha to 5.0 Ha - Rs. 38,000/- c. Above 5.0 Ha - Rs. 28,000/- *All rates are per hectare or part thereof. (Example - rate of 1.50 Ha shall be considered as 2.0 Ha)	C/O Veena Gupta W/T Upendra Gupta, Shop No. 191, Plot No. 128, Goldstar, Nawadhi Road, Near Kall Club, Aurangabad Bihar-824321									
15	Sens Geomine Consultancy Pvt. Ltd.	8235816665	M. Sc. (Geology)	Rs. 13,000/- (exclusive of all GST & Taxes)		Kall Mandir Road , Opposite Puja Tent Service, Post-PS- Derauda, Ranchi-834002, Jharkhand									
16	Nishan S. Bhargava	9808840961	M.Tech(Tech(Applied Geology)	Rs. 10,570/-	Rate per Hectare (Rs. 9,000/- + GST @18% (Rs. 1620) +Rs. 10,620/-)	Mahavir Sadan, Opposite Itara Valley, South Vihar Colony, Nayn Tola, Ranchi-834006									
17	Eclipta India Pvt. Ltd.	7678625336	Required Qualification of the employees attached	Rate as per the slab provided	<table><tr><td></td><td>Per Ha Rate (upto 5 Ha)</td><td>Per Ha Rate (more than 5 Ha)</td></tr><tr><td>Rate upto 5 Ha</td><td>Rs. 10,000/-</td><td>Rs. 10,000/-</td></tr><tr><td>Rate more than 5 Ha</td><td>Rs.</td><td>Rs. 5,000/-</td></tr></table> * Rate is inclusive of GST and other applicable Taxes		Per Ha Rate (upto 5 Ha)	Per Ha Rate (more than 5 Ha)	Rate upto 5 Ha	Rs. 10,000/-	Rs. 10,000/-	Rate more than 5 Ha	Rs.	Rs. 5,000/-	C/O Kapilmuni Pachak, Shivapuram Road -2, Ranchi, Patna - 800014
	Per Ha Rate (upto 5 Ha)	Per Ha Rate (more than 5 Ha)													
Rate upto 5 Ha	Rs. 10,000/-	Rs. 10,000/-													
Rate more than 5 Ha	Rs.	Rs. 5,000/-													
18	Ravi Shankar	7485090440	B.E. (Mining)	Rate as per the slab provided	(a) Rs. 50,000/- per mining plan upto 5 Ha (b) For above 5 Ha area rate will be charged 6000/- per Ha additionally extra and above to 5 Ha upto 25 Ha (c) Rs. 2,00,000/- per mining plan for area of 25 Ha and will be charged additionally Rs. 3000/- per Ha extra and above to 25 Ha upto 50 Ha (d) Rs. 3,00,000/- per mining plan for area of 50 Ha and will be charged additionally Rs. 2000/- per Ha extra and above to 50 Ha upto 50 Ha	Village- Nagari, P.O. - Dethia, P.S. - Gola, Dist. Aurangabad (Bihar) - 824124									
19	Indus Mining & Environment Consultants	7542949027	B.E. (Mining)	Rs. 2,000/- per Hectare (Each Block Mining Plan - Rs. 30,000/-)		Indus Mining And Environmental Consultancy, 201, 2nd Floor, Mangal Market, Raja Bazar, Bally Road, Patna-84									

Ms PRATAP ENTERPRISES

सोनीए कुमार
Proprietor

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

20	Pradeep Kumar Saha	754294027	B.E. (Mining)	Rs. 2,000/- per Hectare (Each Block Mining Plan - Rs. 30,000/-)		201, 2nd Floor, Mangal Market, Raja Bazar, Bailey Road, Patna-14
21	Md. Tauheed Siddiqi	9524807012	M.Sc. (Geology)	Rs. 5,000/- (excluding GST)		Grimera Mining & Envirotech Pvt. Ltd., 205 Mangal Market, Raja Bazar, Bailey Road Patna-800014
22	Prabhat Kumar Srivastava	8827477006	B.T. (Mining)	Rs. 3,000/-		Flat No-101, Road No-01, Boodh Nagar, Chirya Tani, Postal Park, Patna-800003
23	Ashok Kumar Singh	8794859404	Mining Engineer	Rs. 6,000/-		C/o Shri Ram Prasad Singh, Mohalla - Mangal Kuan, P.O. - Soharani, P.S. - Sahasra, Dist. - Nalanda, Bihar- 803114
24	Sandeep Kumar	8136261130	M.Sc. (Applied Geology)	Rs. 30,000/-		Angura Bhawan, C/O. Baidi Kishan, Sundar Nagar, Lohia Path, Jagdeo Path, Patna-800014 (Bihar)
25	United Exploration India Pvt. Ltd.	9431288782 9934304388	Required Qualification of the employees attached	Rs. 5,200/- (inclusive all Taxes)		303, 2nd Floor, Sahasra Agastya Singh Complex, Anandabad, Patna-800002
26	Ran Enviro Pvt. Ltd.	9431288538	Required Qualification of the employees attached	Rs. 5,000/- (inclusive all Taxes)		202, 2nd Floor, Mangal Market, Raja Bazar, Sheikhpura Patna-800014
27	Ajense Enviro Pvt. Ltd.	8084357430	Required Qualification of the employees attached	Rs. 4,750/- (inclusive all Taxes)		402, 4th Floor, Mangal Market, Raja Bazar, Sheikhpura, Patna-800014
28	M/s Saghel Environment & Waste Management Pvt. Ltd.	9421042322	Qualifications of candidates are attached	As decided by the department of Mines & Geology, Govt. of Bihar		Saghel Environment & Waste Management Pvt. Ltd., 1st Floor, 27, Gura Sahay Lal Nagar, Road No. 2, Magistrate Colony, Ashiyana Nagar, Patna-800025, Bihar
29	Grima Lak Seva	9934452711	Qualifications of candidates are attached	Rs. 7,000/-	Note - 1. Minimum rate for a Sand Block - INR 25,000/- 2. Maximum rate for a Sand Block - INR 50,000/- OR As decided by the Department of Mines & Geology, Govt. of Bihar	27, Gura Sahay Lal Nagar, Magistrate Colony, Ashiyana Nagar, Patna-800025, Bihar
30	Pranaja Envirocare & Management Pvt. Ltd.	9708251424	Qualifications of candidates are attached	Rs. 10,000/- (Excluding GST @18%)	Remarks - Fee should not be less than 20,000 or more than 50,000 thousand for single block. (Excluding GST) OR As decided by the Department of Mines & Geology, Govt. of Bihar	103, Bhagwati hard apartment, Road No. - 30, Anand vihar Colony, Nalanda, Patna (Bihar)- 800014
31	Institute of Environment and Eco Development	9004622817	Details Of Qualification Attached	Rs. 20,000/- (Excluding GST)	Rate will be negotiable as per direction from Department of Mines & Geology, Govt. of Bihar	Admin. Office-Ground floor, Shyam Nagar Colony, Mahiya Path, Bailey Road, PG-B.V. College, Patna-800014
32	ENV Development Assistance Systems (India) Pvt. Ltd.	8224007470 9925911129	Details Of Qualification Attached	Rs. 2,750/- (inclusive all Taxes)		Prabha Niketan, road No.-12, Patel Nagar, Near Petrol Pump, Patna-800029

M/s PRATAP ENTERPRISES

शरीर भार
Proprietor

Dr. Ashish Sharma
Phd-Geology

Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No.-9

33	Indrane Pvt. Ltd.	9412042129	Bachelor of Engineering (Mining)	Rate for each District is enclosed	Enclosure A	H No-21, First Floor, 45 Colony, S.K. Nagar, Patna-800001
34	M/S. Samyukt Saha	7299009608	Bachelor of Architecture	Rs. 3,500/-		South of Madhuban Housing complex, Matahi Paldi, Kankarbagh-800020
35	Saathi Promoters Pvt. Ltd.	9835877778	Details of qualification attached	Rs. 12,000/-		C/O Mr. Anil Kumar, plot No. L-171, Road No. 23 Near Maiti Mithan, Sri Krishna Nagar, Patna-800001
36	Overseas Min-Tech Consultants	9460231084	Details of qualification attached	Rs. 13,000/-		501, 5th Floor, Apex Tower, Tank Road, Jabpur-800015, Tel-0141-2744509

3. प्राप्त सभी EOI की समीक्षा के उपरान्त विभागीय समिति द्वारा सर्वसम्मति से खनन योजना हेतु देय राशि प्रति खनन योजना अधिकतम ₹30,000/- (तीस हजार) रु0 GST सहित (चाहे भाइनिंग प्लान कितने भी हेक्टेयर का हो) का भुगतान की अनुशंसा की गई।

4. समिति द्वारा उक्त न्यूनतम दर को स्वीकृत करते हुए उक्त न्यूनतम दर पर अभिलेखि की अभिव्यक्ति आमंत्रण में शामिल वैसे प्रतिष्ठान, जो वांछित योग्यता को पूरा करते हो तथा जिनका वर्तमान में घटना या बिहार राज्यान्तर्गत अन्य जिलों में कार्यालय संचालित है ऐसे प्रतिष्ठान को तत्काल प्रभाव से empanelled करने की अनुशंसा की जाती है।

शेष अन्य एजेंसी/व्यक्ति अगर भविष्य में बिहार राज्यान्तर्गत कार्यालय खोलने संबंधी साक्ष्य/दस्तावेज प्रस्तुत करते हैं तो उन्हें भी भविष्य में उक्त दर पर तप्त खनिजों के खनन योजना तैयार करने हेतु RQP के रूप में empanelled करने की अनुशंसा की जाती है।

5. Empanelled एजेंसियों को अपने दस्तावेजों का सत्यापन विभागीय समिति से कराना आवश्यक होगा।

ह0/- स0अ0वि0स0 स0अ0वि0स0 स0अ0वि0स0 स0अ0वि0स0 स0अ0वि0स0 स0अ0वि0स0
सदस्य सदस्य सदस्य सदस्य सदस्य सदस्य

ह0/-

सरकार के अवर सचिव

आपांक-_____/एग0, दिनांक-____/

प्रतिलिपि-सभी सभाहता को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

ह0/-

सरकार के अवर सचिव

आपांक-_____/एग0, दिनांक-____/

प्रतिलिपि-सभी उप निदेशक/सभी सहायक निदेशक/सभी खनिज विकास पदाधिकारी/सभी खान निरीक्षक को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

ह0/-

सरकार के अवर सचिव

P.T.O.

M/s PRATAP ENTERPRISES

संतोष कुमार
Proprietor

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

ज्ञापक:- 3825 / एम. दिनांक- 07/11/19

प्रतिलिपि- माननीय मंत्री के आगत सचिव/प्रधान सचिव के प्रधान आगत सचिव/निदेशक
कोषांग/उप निदेशक (मु०)/सहायक निदेशक (मु०)/खनिज विकास
पदाधिकारी (मु०) को सूचनाएँ एवं आवश्यक कार्यवाई हेतु प्रेषित।

सचिव
31/11/19

सचिव
सरकार के अवर सचिव

M/s PRATAP ENTERPRISES

मनोहर कुमार
Proprietor

Dr. Ashish Sharma

PhD-Geology

Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

PLATES

Ms PRATAP ENTERPRISES

हमारे काम
Proprietor

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9

BUXAR ROAD MAP

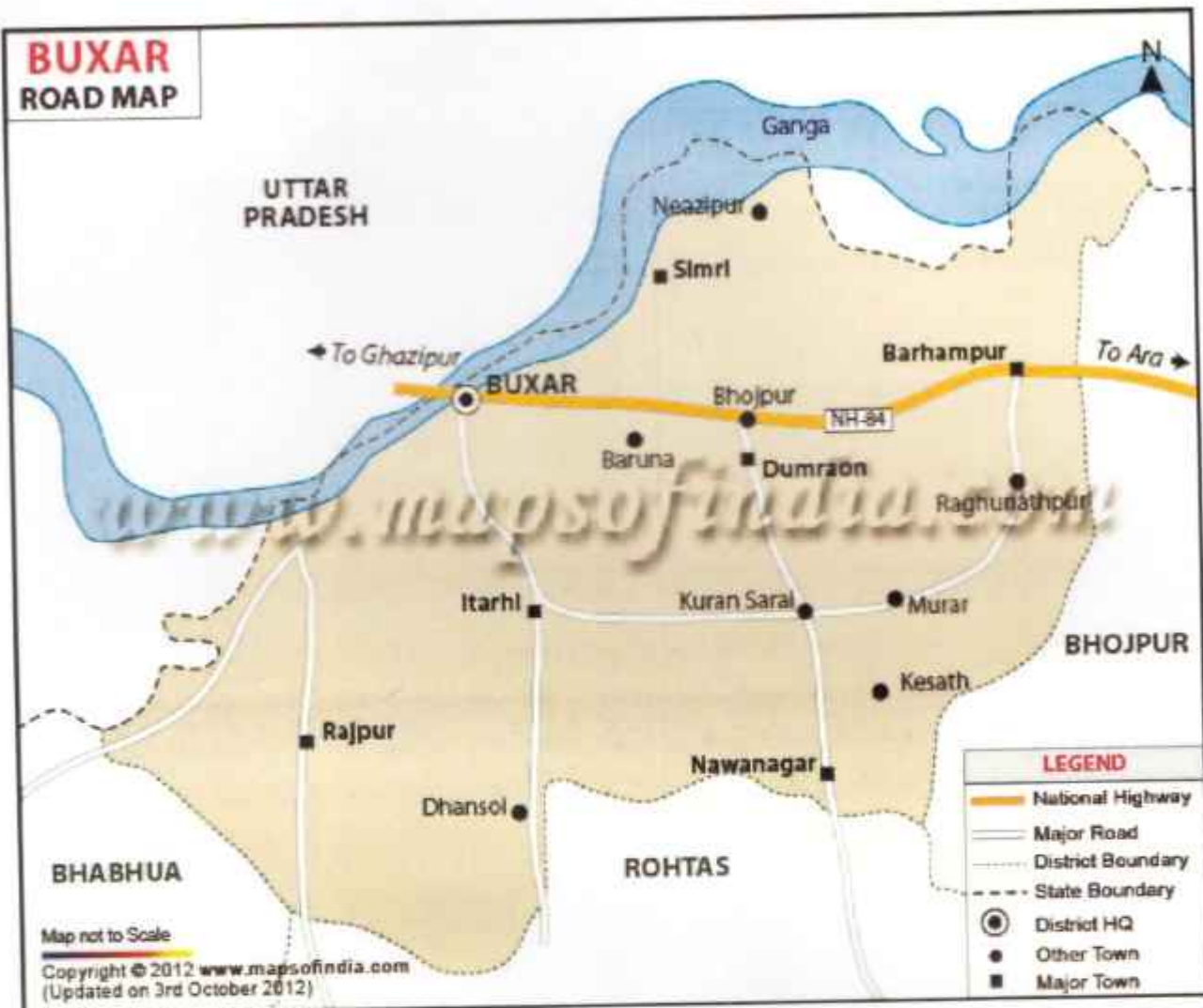


PLATE01- LOCATION PLAN

0 0.0250.05 0.1 0.15 0.2 Km

M/s PRATAP ENTERPRISES	
NAME OF PROJECT - PROPOSED MINING FOR Brick Project (RAMPUR)	RQP
Khata No- 175	
Khasra No- 1240	
Area- 3.23 Acre or 1.307 Ha	
Mouza- RAMPUR , ANCHAL-DUMRAON, DISTRICT-BUXAR, Bihar	
APPLICANT - Mr. MANOHAR KUMAR	RQP
Village- NIMEJ TOLA , P.O: DUMRAON P.S: DUMRAON, District- BUXAR ,State- Bihar	

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9



Legend

- ▲ BOUNDARY PILLAR
- Approach_Road
- Brick_ind_Location
- Buffer500
- 1 M BARRIER ZONE
- BOUNDARY OF QUARRY LEASE

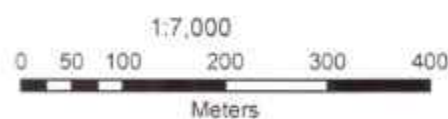
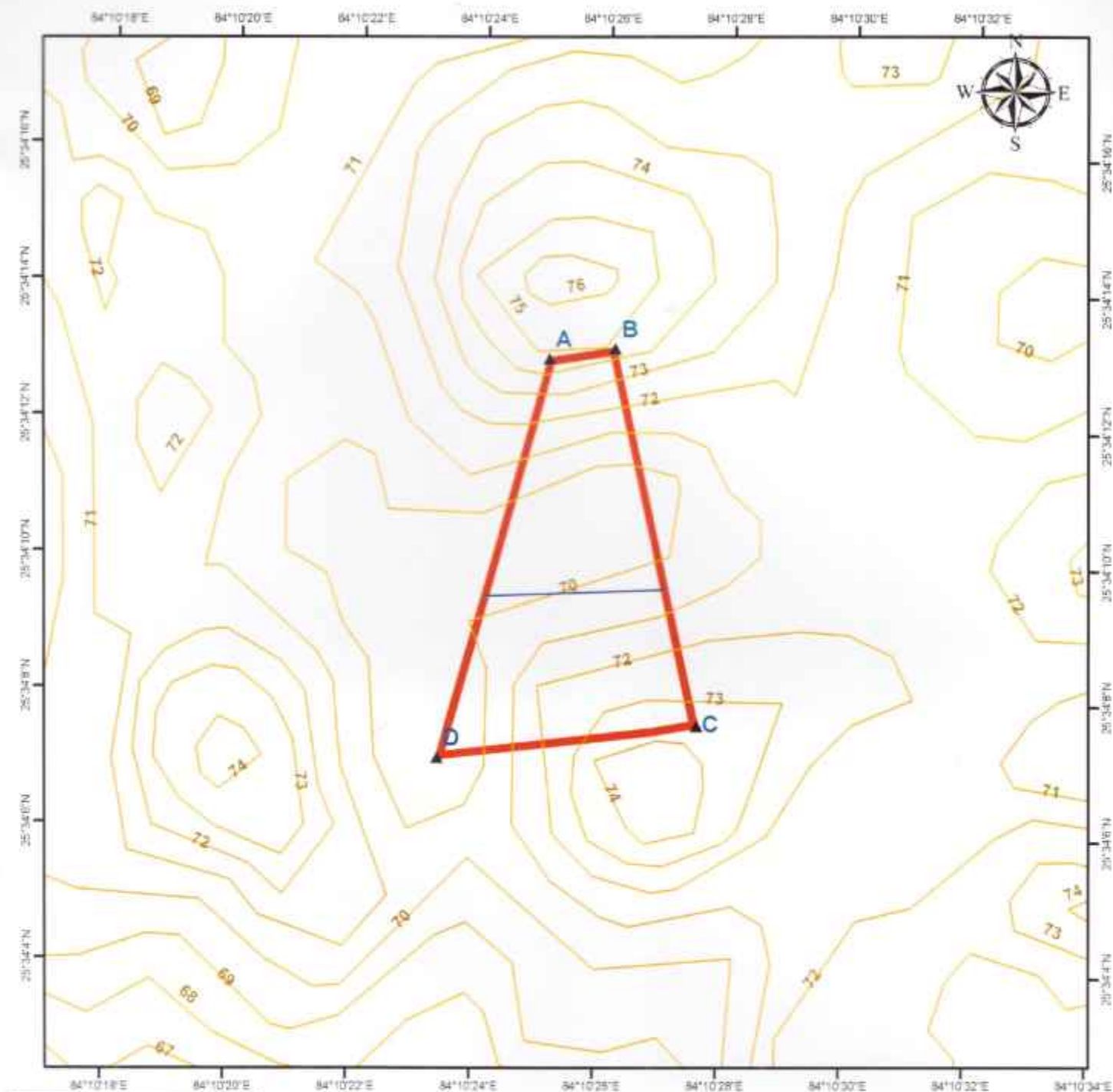


PLATE07- TRANSPOTATION & BUFFER PLAN

M/s PRATAP ENTERPRISES	
NAME OF PROJECT - PROPOSED MINING FOR Brick Project (DHAKAICH)	RQP
Khata No- 175	
Khasra No- 1240	
Area- 3.23 Acre or 1.307 Ha	
Mouza- RAMPUR , ANCHAL -DUMRAON, DISTRICT- BUXAR, Bihar	
APPLICANT - Mr. MANOHAR KUMAR	
Village- NIMEJ TOLA , P.O: DUMRAON P.S: DUMRAON, District- BUXAR ,State: Bihar	

Dr. Ashish Sharma
 Phd-Geology
 Approved RQP Dept. of Mines & Geology
 Govt. of Bihar Approved RQP List, S.No.-9
 DR. ASHISH SHARMA

PILLAR COORDINATES		
Pillar No	Latitude	Longitude
A	N25° 34' 12.962"	E84° 10' 25.341"
B	N25° 34' 13.124"	E84° 10' 26.407"
C	N25° 34' 7.602"	E84° 10' 27.841"
D	N25° 34' 7.064"	E84° 10' 23.640"



Legend	
Name	
	Plantation
	BOUNDARY PILLAR
	SECTION LINE
	CONTOUR
	BOUNDARY OF QUARY LEASE
	Soil

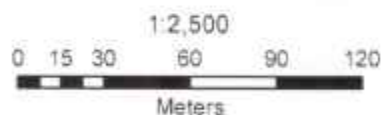
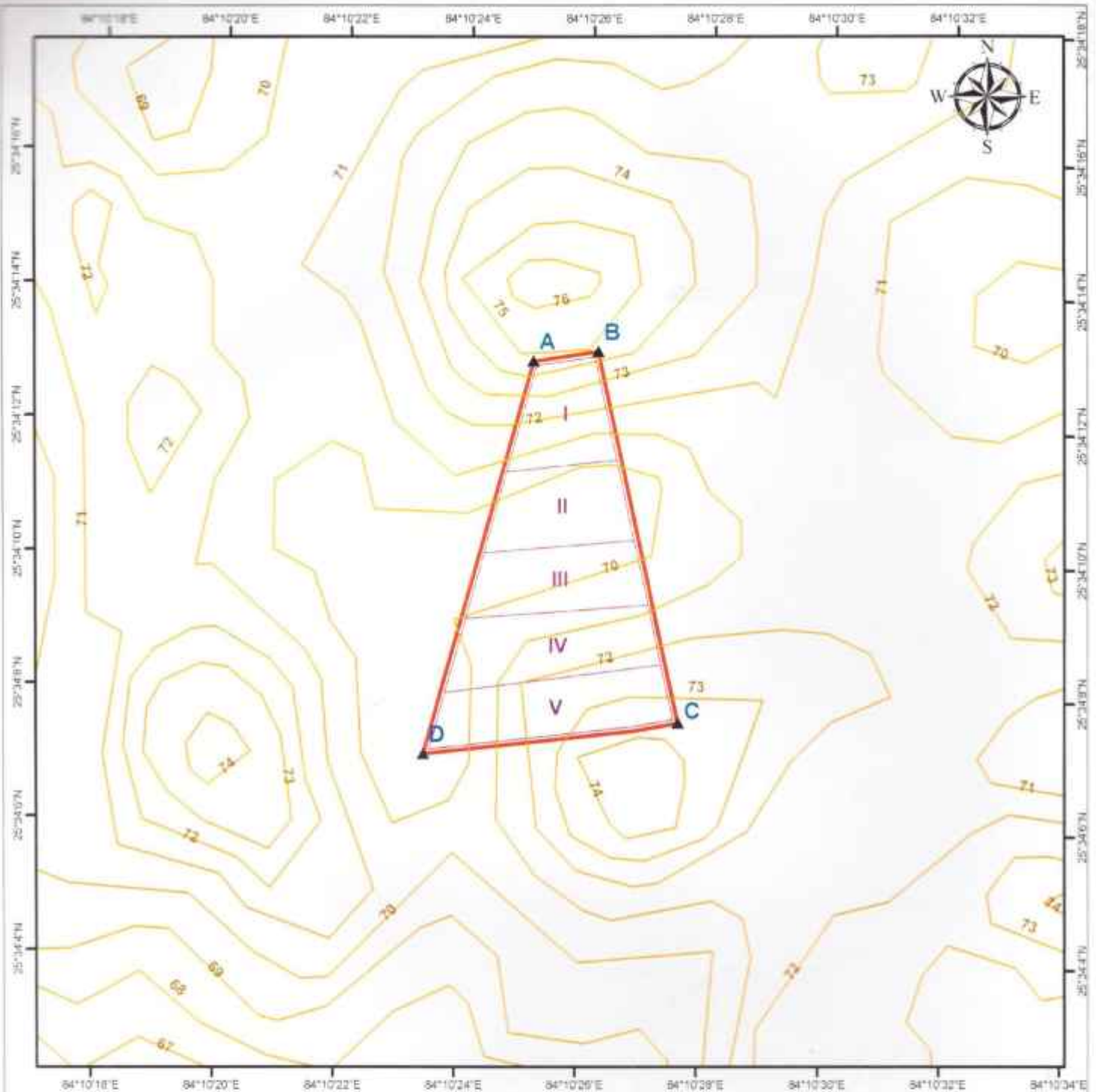


PLATE03- SURFACE AND GEOLOGICAL PLAN

M/s PRATAP ENTERPRISES	
NAME OF PROJECT - PROPOSED MINING FOR Brick Project (DHAKAICH)	RQP
Khata No- 175	
Khasra No- 1240	
Area- 3.23 Acre or 1.307 Ha	
Mouza- RAMPUR , ANCHAL -DUMRAON, DISTRICT- BUXAR, Bihar	
APPLICANT - Mr. MANOHAR KUMAR	
Village- NIMEJ TOLA , P.O: DUMRAON P.S: DUMRAON, District- BUXAR ,State: Bihar	

Dr. Ashish Sharma
 Ph.D. Geology
 Approved RQP Dept. of Mines & Geology
 Govt. of Bihar Approved RQP List
 Dr. ASHISH SHARMA
 RQP

PILLAR COORDINATES		
Pillar No	Latitude	Longitude
A	N25° 34' 12.962"	E84° 10' 25.341"
B	N25° 34' 13.124"	E84° 10' 26.407"
C	N25° 34' 7.602"	E84° 10' 27.841"
D	N25° 34' 7.064"	E84° 10' 23.640"



Legend

- ▲ BOUNDARY PILLAR
- CONTOUR
- 1 M BARRIER ZONE
- ▭ BOUNDARY_OF_QUARY_LEASE
- Soil



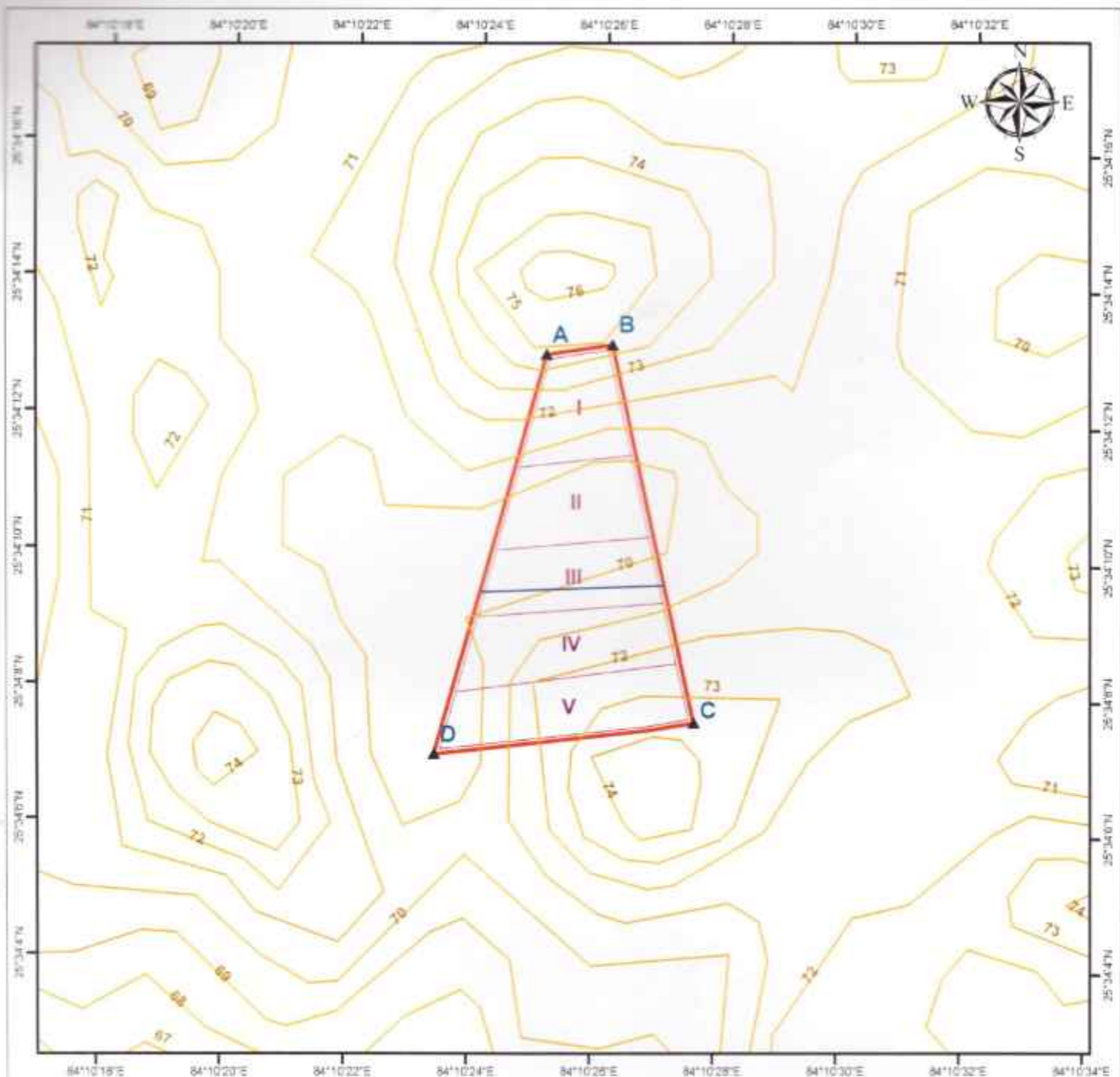
PLATE04- YEARLY PRODUCTION PLAN

M/s PRATAP ENTERPRISES	
NAME OF PROJECT - PROPOSED MINING FOR Brick Project (DHAKAICH)	RQP
Khata No- 175	
Khasra No- 1240	
Area- 3.23 Acre or 1.307 Ha	
Mouza- RAMPUR , ANCHAL -DUMRAON, DISTRICT- BUXAR, Bihar	
APPLICANT - Mr. MANOHAR KUMAR	
Village- NIMEI TOLA , P.O: DUMRAON P.S: DUMRAON, District- BUXAR ,State: Bihar	RQP

Dr. Asfish Sharma
 Phd-Geology
 Approved RQP Dept. of Mines & Geology
 Govt. of Bihar Approved RQP List, S No-4

PILLAR COORDINATES

Pillar No	Latitude	Longitude
A	N25° 34' 12.962"	E84° 10' 25.341"
B	N25° 34' 13.124"	E84° 10' 26.407"
C	N25° 34' 7.602"	E84° 10' 27.841"
D	N25° 34' 7.064"	E84° 10' 23.640"



Legend

Name

- Plantation
- BOUNDARY PILLAR
- SECTION LINE
- CONTOUR
- 1 M BARRIER ZONE
- BOUNDARY_OF_QUARY_LEASE
- Sol

1:2,500

0 15 30 60 90 120
Meters

PLATE05- PROGRESSIVE MINE CLOSURE PLAN

M/s PRATAP ENTERPRISES

NAME OF PROJECT - PROPOSED MINING FOR Brick
Project (DHAKAICH)

Khata No- 175

Khasra No- 1240

Area- 3.23 Acre or 1.307 Ha

Mouza- RAMPUR , ANCHAL -DUMRAON, DISTRICT-
BUXAR, Bihar

APPLICANT - Mr. MANOHAR KUMAR

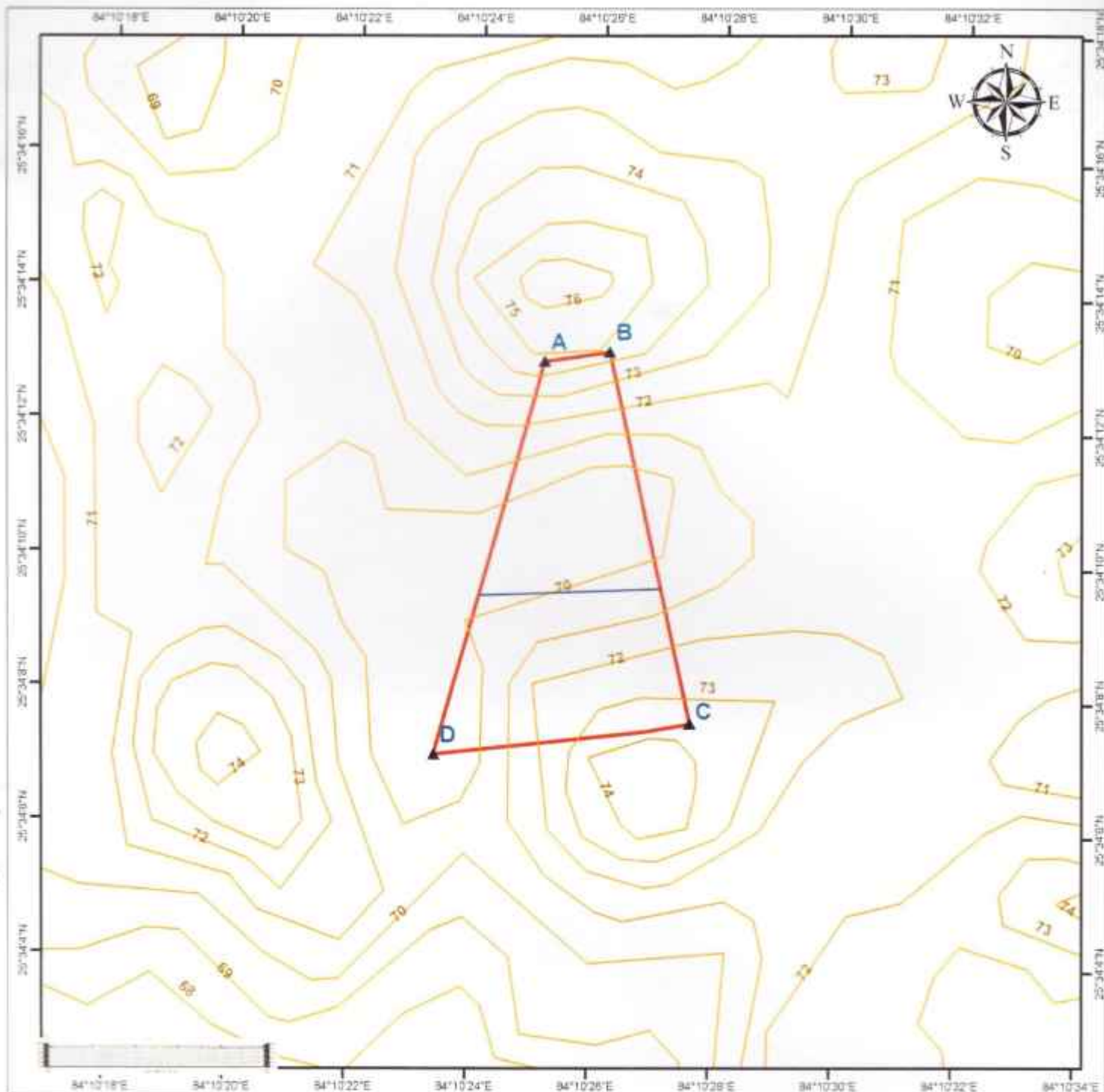
Village- NIMEI TOLA , P.O: DUMRAON P.S:
DUMRAON, District- BUXAR ,State: Bihar

RQP

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, S No. 9
Dr. ASHISH SHARMA
RQP

PILLAR COORDINATES

Pillar No	Latitude	Longitude
A	N25° 34' 12.962"	E84° 10' 25.341"
B	N25° 34' 13.124"	E84° 10' 26.407"
C	N25° 34' 7.602"	E84° 10' 27.841"
D	N25° 34' 7.064"	E84° 10' 23.640"



Legend	
Name	
Plantation	
BOUNDARY PILLAR	
SECTION LINE	
CONTOUR	
1 M BARRIER ZONE	
BOUNDARY OF QUARRY LEASE	
Soil	



PLATE06- CONCEPTUAL PLAN

M/s PRATAP ENTERPRISES

**NAME OF PROJECT - PROPOSED MINING FOR Brick ,
Project (DHAKAICH)**

Khata No- 175

Khasra No- 1240

Area- 3.23 Acre or 1.307 Ha

Mouza- RAMPUR , ANCHAL-DUMRAON, DISTRICT-
BUXAR, Bihar

APPLICANT - Mr. MANOHAR KUMAR

Village- NIMEJ TOLA , P.O. DUMRAON P.S.
DUMRAON, District- BUXAR ,State- Bihar

RQP

Dr. Ashish Sharma

Phd-Geology

Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, S No.-9

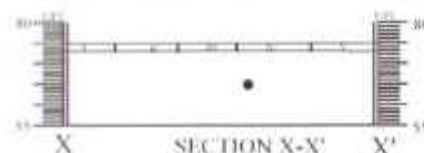
RQP

PILLAR COORDINATES

Pillar No	Latitude	Longitude
A	N25° 34' 12.962"	E84° 10' 25.341"
B	N25° 34' 13.124"	E84° 10' 26.407"
C	N25° 34' 7.602"	E84° 10' 27.841"
D	N25° 34' 7.064"	E84° 10' 23.640"



SURFACE AND GEOLOGICAL PLAN



YEARLY PRODUCTION PLAN



PROGRESSIVE MINE CLOSURE PLAN



CONCEPTUAL PLAN

Sr. No.	PARTICULARS	SYMBOL
1	BOUNDARY OF QUARRY LEASE	
2	1M BARBED ZONE	
3	SECTION LINE	X — X'
4	SOIL	•

PLATE 08- CROSS SECTION PLAN

M/s PRATAP ENTERPRISES

NAME OF PROJECT - PROPOSED MINING FOR Brick Project (DHAKAICH)

Khata No- 175

Khasra No- 1240

Area- 3.23 Acre or 1.307 Ha

Mouza- RAMPUR , ANCHAL -DUMRAON, DISTRICT- BUXAR, Bihar

APPLICANT - Mr. MANOHAR KUMAR

Village- NIMEI TOLA , P.O: DUMRAON - P.S:

DUMRAON, District- BUXAR ,State: Bihar

RQP

Dr. Ashish Sharma

Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No.-9
Dr. Ashish Sharma