

MINING PLAN

&

PROGRESSIVE MINE CLOSURE PLAN

**SUBMITTED UNDER SECTION 5 OF MM(R&D) ACT, 1957; AND RULE 17
BIHAR MINEAL (CONCESSION, PREVENTION OF ILLEGAL MINING,
TRANSPORTATION & STORAGE) RULES, 2019.**

For

PURUSHOTTAMPUR SOIL BRICK MINE

VILLAGE/ MAUZA – PURUSHOTTAMPUR,
P.O – BEHRA AGAR SHANDA, P.S –MUFASSIL,
ANCHAL- ARAH, DISTRICT – BHOJPUR (BIHAR).

AREA: 6.78 ACRES or, 2.74 HECTARES

FOREST LAND: NIL, WASTE LAND: 2.74 HECTARE

PLAN PERIOD: Five Years

CATEGORY-B2



Applicant:

Partner-Kamal Prakash Pandey
S/o- Sri Madan Pandey
Village- Baleur Sahatwar, P.O- Sahatwar,
P.S- Sahatwar, District- Balia, (U.P.)

Prepared By:

ER. PRAVIN KR SINHA
RQP/BIH/SR.NO./20
Mo. No:- +91-7542949027, +91-9889024004
E-Mail: pravinminingbihar@gmail.com



APPROVED

[Signature]
Asst. Director
Dist. Mining Officer
Bhojpur, Bihar

Letter No. 2738 Date 07/07/24

M/S SUBH IT UDYOG

**Village-Purushottampur, P.O-Behra Agar Shanda, P.S-Mufassil,
District- Bhojpur (Bihar)**

Part.: - Kamal Prakash Pandey

Mobile No.:- +91- 9250993937

AUTHORISATION LETTER BY THE APPLICANT/ LESSEE

I, Kamal Prakash Pandey hereby authorise **Er. Pravinkumar Sinha**, RQP No. **RQP/BIH/SR.NO.20** to prepare the Mining plan submitted under Ministry of Environment, Forest & Climate Change Notification (MOEF&CC) dated 15th January, 2016, in respect of M/s Subh It Udyog at Khata no-33, 35, 92. Khasra No.- 105, 114, 178, 118, 460. over an area of 2.74 or 6.78 Acre Hectare for mineral(s) for Soil Brick in Village- Purushottampur, P.O- Behra Agar Shanda, P.S- Mufassil, District- Bhojpur (Bihar)

I request The Director, Directorate of Mining & Geology, Bihar to make further correspondence regarding modification and to collect the approved copies of the aforesaid mining plan with the said recognized person on his following address:

Name of RQP : Er.Pravin Kr. Sinha

Registration No.: RQP/BIH/SR.NO.20

Address of RQP

: 201,Mangal Market

Raja Bazar, Patna,Bihar

Phone No : 9889024004 & 7542949027

Email : Pravinsinha01@yahoo.com

Place :

Date :

Lessee,


Kamal Prakash Pandey

Certificate

1. Certified that the provisions of mines Act, Rules and Regulations made there under have been observed in Purushottampur Soil Brick Mining Plan, Village- Purushottampur, P.O- Behra Agar Shanda, P.S- Mufassil, District- Bhojpur (Bihar) and wherever specific permissions are required, the lessee will approach concerned authorities for granting permission.
2. The information furnished in Purushottampur Soil Brick Mining Plan is true and correct to the best of my knowledge.



(Pravin Kumar Sinha)

Regd.No: RQP/BIH/SR.NO. 20

Place: -

Date:-

MINING PLAN

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K. P. Pandey

[Signature]

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K.P. Pandey

TITLE

Mining plan for Purushottampur Soil Brick (Brick making by Chimney Bhatta) mine measuring over an area of 2.74 Hectares or 6.78 Acres situated in Village/ Mauza-Purushottampur, P.O- Behra Agar Shanda, P.S- Mufassil, District- Bhojpur (Bihar) of Kamal Prakash Pandey.

INTRODUCTION

The project proponent applied for proposed area for area of 6.78 Acres or 2.74 hectare (Khata no- 33, 35, 92. Khasra No.- 105, 114, 178, 118, 460.) was NOC for land owner to Kamal Prakash Pandey, S/o- Sri Madan Pandey, Village- Baleur Sahatwar, P.O- Sahatwar, P.S- Sahatwar, District- Balia (U.P.) for M/s Subh It Udyog situated in Village- Purushottampur, P.O- Behra Agar Shanda, P.S- Mufassil, District- Bhojpur (Bihar)

JUSTIFICATION OF THE PROJECT

Brick earth is a ubiquitous material; available everywhere and is being used from the time immemorial for wide applications in our daily life; infrastructures, building construction, highways, roads, townships, multiplexes, foundations of buildings and industrial units etc. and is an integral part of development. Though brick earth is a very important mineral source for development, its mining through scientific methods has also become equally imperative. It is for this purpose that 'mining plan' is being drawn so that all its aspects are taken care of justifiably, according to law, protecting the environment, removing all adverse impacts and creating a direct and indirect employment opportunities, improving socio-economic conditions of the local inhabitants and all-around status of life, achieving thereby a sustainable development.

K.P. Pandey

VP

1.0 GENERAL INFORMATION ABOUT PROJECT PROPONENT :-

A) NAME AND ADDRESS OF PROJECT PROPONENT:

Partner-Kamal Prakash Pandey, Ranjan Kumar Sharma,

Purushottam Rai, Pratap dev Kumar

Village- Baleur Sahatwar, P.O- Sahatwar,

P.S- Sahatwar, District- Balia (U.P.)

Pin Code- 277211

Mobile No:- 9250993937, 9955312213

E mail: kppandey988@gmail.com

B) STATUS OF PROJECT PROPONENT:

The Project PropONENT is private individual involved in manufacturing the bricks.

C) MINERAL, OCCURRING IN THE AREA & WHICH THE PROJECT PROPONENT INTENDS TO MINE:

The project propONENT has applied for mining the bricks clay to manufacture kuccha Bricks to be used further in brick kiln.

D) PERIOD FOR WHICH THE MINING AREA:

The mining NOC for land owner is for a period of 05 years.

E) Name of R.Q.P. preparing the mining plans:

ER. PRAVIN KR SINHA

RQP/BIH/SR.NO./20

Mo. No:- +91-7542949027, +91-9889024004

E-Mail :- indusminingbihar@gmail.com

The copy of RQP certificate is enclosed (Annexure No.3)

K.P. Pandey

2.0 DETAILS OF PROPOSED AREA :-

The project proponent applied for proposed area for 6.78 Acres or 2.74 Hectare.

2.1 NAME OF MINERAL

The project proponent intends to Mine Brick Earth from the proposed area.

2.2 DETAILS OF THE PERMIT –

Village : Purushottampur

P.O. : Behra Agar Shanda

P.S : Mufassil

District : Bhojpur

State : Bihar.

TABLE -1

	Khata No.	Khasra No.	Area (Acre)	Latitude	Longitude
Location & Revenue Details of Mining Site	33, 35, 92	105, 114,178, 118, 460	6.78	25°38'13.74"N	84°33'16.92"E
				25°38'6.86"N	84°33'17.29"E
				25°38'6.52"N	84°33'24.80"E
				25°37'59.50"N	84°33'18.60"E
				25°37'57.34"N	84°33'26.31"E
				25°37'54.91"N	84°33'18.95"E
				25°37'53.11"N	84°33'1.35"E
BRICK KILN SITE				25°38'10.02"N	84°33'14.09"E

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3.0 LOCATION AND ACCESSIBILITY**Details of area (with location map):**

The Applied area is at a Purushottampur. National Highway is at a distance of 0.90 Km in West direction from the project site. SH road is at 1.59 km in East direction. Ganga is 3.0 km North direction.

The location plan is enclosed as **Plate No. 1**. The Route Map showing distance between the Mining Site to the Brick Kiln Site is attached as **Plate No. 6**

District and State:

Bhojpur, Bihar

Village:

Purushottampur

Khasra No.

105, 114, 178, 118, 460

Applied Area (Hect.):

2.74 Hectares.

Whether the area is recorded to be in forest (please specify whether protected, reserved etc.) Ownership/Occupancy:

The applied area is free from forest land. The land is owned by private land owners & land owners have given their consent for the exploitation of soil from their respective land. Copy of NOC from land owners is enclosed as **Annexure No. 1**

Existence of public road / railway line, if any nearby and approximate distance:

Arah Railway Station is at a distance of 14.42km in South- East direction.

Patna Airport at 54.0 km in East direction.

Latitude and Longitude:

The GPS reading of all corner pillars is in **Table No.1**

H. P. Pandey

4.0 **GEOLOGY AND EXPLORATION:**

- a. **Briefly describe the topography & general geology & local mine geology of the mineral deposit including draining pattern.**

PHYSIOGRAPHY:

The proposed area is almost flat terrain, No perennial nala has observed in the area. The altitude of the area is 77 mRL. Earth is exposed in the area applied for proposed project. No other rock is exposed. No habitation located in the proposed area. The topography of lease area is shown in **Plate No. 3.**

GEOLOGY OF THE AREA:

These soils have been developed by the Indo gangetic alluvium laid down by Punpun River. The colour of these soils is pale yellow to yellowish brown. The soils are dark grayish brown to dark brown. The surface texture may vary from sandy loam to loam, clay loam and even to clay. The alluviation of finer particles ensures fine texture of the middle horizons. Soils are neutral to alkaline in soil reaction. Salinity hazards are visible at some places in Arwal district. Carbonates are found in increasing order with depth.

LOCAL GEOLOGY OF THE AREA:

Recent	Brick Earth
---------------	--------------------

LITHOLOGY OF THE AREA:

No rock unit is exposed in the area applied for proposed project.

STRUCTURE OF THE AREA:

Not applicable in absence of rock unit.

NATURE OF MINERALISATION OF THE AREA:

Not applicable in absence of rock unit.

EFFECT OF WEATHERING OF THE AREA:

Not applicable in absence of rock unit.

NATURE OF WALL ROCKS OF THE AREA:

Not applicable in absence of rock unit.

PHYSICAL CHARACTERISTICS OF THE AREA:

The brick earth is light brownish. The brick earth is suitable for making the bricks.

K.P. Pandey

[Signature]

DETAILS OF EXPLORATION:**a) Already carried out in the area:**

No pit is observed in the area.

b) Proposed to be carried out:

Brick earth is available on the surface, thus prospecting is not needed.

METHOD OF ESTIMATION OF RESERVE:

The reserves are calculated by the following formula

Volume of earth = excavable area * depth of Mine

Brick earth in tonnes = Volume of Brick earth * bulk density.

* The bulk density of the brick earth is 1.3 tonne per cum.

Probable category reserves= Total around 2.74 hectares area

Geological Reserve:

$$\begin{aligned}\text{Volume of brick earth} &= 2.74 \times 10000 \times 1.8 \\ &= 49320 \text{ cum}\end{aligned}$$

Mineable Reserve:

Consider 10% of area for Berm, hence Volume of Brick Earth will be:

$$\begin{aligned}\text{Mineable Volume of brick earth} &= 49320 \times 0.9 \\ &= 44388 \text{ cum}\end{aligned}$$

Total mineable volume will be utilized in 5 years, Hence

$$\begin{aligned}\text{Volume of Brick earth per year} &= 44388/5 \\ &= 8877 \text{ cum}\end{aligned}$$

$$\begin{aligned}\text{Brick earth in tonne} &= \text{Volume of Brick earth} \times \text{bulk density} \\ &= 8877 \times 1.3 \\ &= 11540 \text{ tonne}\end{aligned}$$

Total volume of brick earth per year = 8877 cum or 11540 tonne

Top soil Reserve:

$$\begin{aligned}\text{Volume of top soil} &= 2.74 \times 10000 \times 0.2 \\ &= 5480 \text{ cum}\end{aligned}$$

CALCULATION OF RESERVES :

Particulars		Units
Total Area available for mining (As per agreement)	2.74	Hectare
Thickness of Top Soil Reserve	0.2	M
Average Thickness considered Reserve	1.80	M
Total Geological Reserve	49320	Cum
Total Mineable Reserve	44388	Cum
Maximum production per annum	8877	Cum

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5.0 MINING:

- a) **Briefly describe the existing/proposed method for developing/working the deposit with all design parameters:**

Existing Method of mining:

It is opencast manual mine without adoption of drilling & blasting. Mining is been carried out with conventional had tools. The soil is excavated manually with the help of spade, chisel, hammer etc. The soil is loaded manually in to tractor trolley & transported to chimney for making bricks.

- b) **Proposed method of mining:**

Mining shall be carried out manually with conventional hand tools. The soil shall be excavated manually up to depth of 1.8 m from surface and loaded manually in to tractor trolley and transported to chimney for making bricks.

- c) **Indicate quantum of development & tonnage & grade of production expected pit wide as in table below:**

Year	Overburden (cum)	ROM Soil (tonne)	ROM Soil (cum)	Sub grade Soil	Soil to overburden ratio
First Year	Nil	11540	8877	Nil	Nil
Second Year	Nil	11540	8877	Nil	Nil
Third Year	Nil	11540	8877	Nil	Nil
Fourth Year	Nil	11540	8877	Nil	Nil
Fifth Year	Nil	11540	8877	Nil	Nil
Total		57700	44385		

(D) Restriction

The lessee will work in the area keeping in view regulation 111, 106 of MMR 1961.

E) Others

1. The approach road will be smooth and wide.
2. Plantation will be done in near and around the proposed area during monsoon. Tree guard sand separate watering arrangements will be provided.
3. Personal protective equipment's like safety helmet, safety shoes, safety goggles, dust respirators will be provided to the laborers as per work requirement.
4. Drains with parapet walls will be provided around the pit to check the entry of flowing monsoon water in the pit.
5. Fencing will be done around the excavation to check the inadvertent entry of human and live stock is the mining zone.

K.P. Pandey

F) Developments proposed for the period of the project:**Ist Year:**

The mining faces will open from top to down towards & faces shall be advance towards west to east direction. From the MLA 11540 TPA or 8877 cum earth clay will be excavated from the area for achieving a production of 25,00,000 bricks.

IInd Year:

The mining faces will open from top to down towards & faces shall be advance towards west to east direction. From the MLA 11540 TPA or 8877 cum earth clay will be excavated from the area for achieving a production of 25,00,000 bricks.

IIIrd Year:

The mining faces will open from top to down towards & faces shall be advance towards west to east direction. From the MLA 11540 TPA or 8877 cum earth clay will be excavated from the area for achieving a production of 25,00,000 bricks.

IVth Year:

The mining faces will open from top to down towards & faces shall be advance towards west to east direction. From the MLA 11540 TPA or 8877 cum earth clay will be excavated from the area for achieving a production of 25,00,000 bricks.

Vth Year:

The mining faces will open from top to down towards & faces shall be advance towards west to east direction. From the MLA 11540 TPA or 8877 cum earth clay will be excavated from the area for achieving a production of 25,00,000 bricks.

Year	Total Brick Earth in Tonnes per year	Total Brick Earth in cum per year
First Year	11540	8877
Second Year	11540	8877
Third Year	11540	8877
Fourth Year	11540	8877
Fifth Year	11540	8877
Total	57700	44385

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In case Brick Earth is fully exploited in the area and further no more Brick Earth is available, applicant will separately apply for other land and Mine Plan will be prepared accordingly.

G) Method of Mining

The mining i.e. excavation of Brick Earth is by manual method of opencast mining. The approach road from surface to bottom will be provided with 1 in 16 gradients. The length and depth of the road will depend on the depth of excavation. The excavation of Brick Earth will be by simple hand tools. Around 46 tonnes or 35 cum of Brick Earth has to be excavated and loaded per day considering 250 days of effective working after deduction of monsoon period and other holidays. For transportation of casted bricks from proposed site to kiln, Three Tractor will be utilized.

a) Preparation of kuchcha Bricks

Pasar: The place where Brick Earth is mixed with water for moulding.

Mould: Wooden/Iron mould of average 10" x 5" x 3" Size is used for making the kuchcha brick Prepared clay will be poured in the mould and pressed manually, than mould will be removed leaving kuchcha brick.

Sun Drying: The kuchcha brick will be allowed for sun drying. This is an important step for making the adobe (kuchcha brick). The final moisture content of the adobe brick remains around 10% to 15%.

Transportation: The kuchcha bricks transported from drying place to brick kiln chamber by one wheel hand operated cart. This cart transports around 30 to 40 bricks at a time.

Site Specification :-

- i. **Site Office:** The site office with all requisite facilities is available at site.
- ii. **Water Huts:** Water huts are available at requisite sites.
- iii. **Latrine & Bathrooms:** This facility is mobile and available at site.
- iv. **Staff Quarters:** Available at site.
- v. **Rest Shelters:** The rest shelter for laborers is available just nearby the site.
- a. **Other:** Temporary site services will be provided as advised by the officials time to time.
- b) **Employment Potential:** Almost 30 unskilled labors will be deployed in brick clay mining.
- i) **Site Service:** The workings will be for 5 years. The following site service is available at site:
 1. Temporary toilet will remain available at site.
 2. Migrants are not allowed as local resident will be employed.

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j) Conceptual Mining Plan

Conceptual mining plan is necessary to know the ultimate limit if the pit crust when whole reserves will be exhausted. The ultimate pit limit is limit of pit surface at the end of mining. It is also necessary to select the sites for waste dump, site service, plantation etc. in such a place that these sites should not get any disturbance during the life of the mine. Considering the aforesaid aspects the conceptual mining plan is proposed as follows:

a) Ultimate Extent & size of the pits

Considering depth of the pits will be 1.8 mts.

b) The Final Slope Angle Adopted

Considering final slope angle will be 45°.

c) Ultimate Capacity of Dumps

The dumps are not required as whole earth is useable.

d) Stabilization of Dumps

There will be no waste generate in brick earth mining. The excavated brick earth will be used for manufacture of kuchcha bricks.

H) RECLAMATION PLAN

Describe briefly the year wise reclamation plan, giving the proposed Plantation programme, scope of backfilling worked out pits. As stated earlier that about 5480 cum top soil will be generated yearly. This top soil will be kept safely on the berm of mining site. After removal of all the proposed quantity of brick earth, the top soil will be spread over the mined out pit so that the fields can be used for agricultural activity.

I) Extent of Mechanization:

The operation will be done by Manual /semi mechanized method

Following table gives the list of equipment to be used:

Table- :- List of Equipment's to be used

Name of machinery	Capacity	Fuel Consumption	No. of Machinery
Tractor	4 tonnes	2 Ltr/hr	03
Water Tanker	4000 liter	4 Ltr/hr	01
Other vehicles	As per requirement	4 Ltr/hr	01

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QUANTITY OF HSD/ FUEL CONSUMPTION PER DAY

S. No	Machine	Details of fuel (Diesel) requirements	Consumption of Diesel (in lits/ day.)
2	Tractors	Number of Tractors =3 Diesel consumption by three tractors (i.e-2 ltr/hr.) Tractor=3*2*10=60	60 liters
3	Water Tanker/Water Sprinkler	Number of Sprinkler= 1 Diesel consumption by Sprinkler in one shift working (i.e-4ltr/hr). =1*4*10=40 liters.	40 liters
4	Extra	Transport vehicle, super vision vehicle, maintenance vehicle	30 liters
			Total=130

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5.0 BLASTING:

Mining shall be carried out manually with conventional hand tools without adoption of trailing & blasting. No blasting is required for excavation of soil.

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6.0 MINE DRAINAGE:

a) Likely depth of water table based on observations from nearby wells and water bodies:

As per the proposed mining, the working shall be confined up to 1.8 m. Hence no water is likely to be encountered. So there is no need of any such arrangements.

K.P. Pandey

7.0 STACKING OF MINERAL REJECTS AND DISPOSAL OF WASTE:

- a) **Indicate briefly the nature and quantity of top soil, overburden/waste and mineral rejects likely to be generated during the next five years:**

11540 Tonne or 8877 cum of soil shall be generated in each year and shall be used for making bricks.

- b) **Land chosen for disposal of waste with proposed justification.**

The soil to be generated shall be transported to chimney for making bricks. Therefore no proposal has been envisaged during plan period.

- c) **Attach a note indicating the manner of disposal, and configuration, sequence of buildup of dumps along with the proposals for the stacking of sub-grade ore, to be indicated item wise.**

All quantities of soil to be generated shall be used for making bricks.

K. P. Pandey

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8.0 USE OF MINERAL:

The soil of lease area is used for making bricks which is used in building material, highways, roads, townships, multiplexes, foundations of buildings and industrial units etc.

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9.0 OTHER:

a) Site Services

The following site services will be provided:

- i) Office
- ii) Drinking water shed
- iii) Rest shelter
- iv) First aid Centre
- v) Store
- vi) Periodically Medical Checkup

b) Employment Potential

- i) A kiln manager is required
- ii) Total 30 laborers required.

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10.0 MINERAL PROCESSING:

- a) **If processing / beneficiation of the ore or minerals mined is planned to be conducted on site or adjacent to the extraction area, briefly describe the nature of the processing/ beneficiation. This should indicate size and grade of feed material and concentrate (finished marketable product).**

The entire lease area consists of soil. During plan period 11540 Tonne or 8877 cum of soil shall be generated and all quantities shall be transported to chimney for making bricks. Project Proponent is already installed chimney.

- b) **Explain the disposal method for tailing or waste from the processing plant (quantity and quality of tailings proposed to be discharged, size and capacity of tailing pond, toxic effect of such tailing, if any, with process adopted to neutralise any such effect before their disposal and dealing of excess water from the tailing dam)**

As stated above that no beneficiation is required therefore no tailing or waste disposal from processing plant will be undertaken.

- c) **A flow sheet or schematic diagram of the processing procedure should be attached.**

No beneficiation studies will be carried out therefore no flow sheet of processing process is attached.

- d) **Specify quantity and type of chemicals to be used in the processing plant.**

No chemicals will require.

- e) **Specify quantity and type of chemicals to be stored on site / plant.**

No chemical will be stored on the site / plant.

- f) **Indicate quantity (cum per day) of water required for mining and processing and sources of supply or water. Disposal of water and extent of recycling.**

No water is required for mining and processing hence no disposal of water and extent for recycling is required.

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11. ENVIRONMENTAL MANAGEMENT PLAN:**(a) Attach a note on the status of base line information with regard to the following:****(I) Land Use:**

The existing land use of the area is almost hundred percent waste lands.

The existing land use is given in tabular form:

Sr. No.	Land use	Agriculture land(ha)	Forest Land (ha)	Waste land (ha)	Grazing Land (ha)
1	Mining pits Quarry	-	-	2.466	-
2	Approach Road	-	-	-	-
3	Water tank	-	-	-	-
4	Human Settlement	-	-	-	-
5	Chimney	-	-	-	-
6	Balance undisturbed land	-	-	0.274	-
	Total	-	-	2.74	-

(II) Water Regime:

There is no perennial water body in the area. Water table loses its significance in this region due to depth. The depth of water table is about 15 m below general ground level. The shear zone which allows the flow of water in the sub surface is restricted, through when tapped in wells, hand pumps & tube wells provide sufficient water round the year.

(iii) Flora and Fauna:

Vegetation and wild life are quite scanty. Trees of Neem, Palas and Mango etc. are found only in and around the villages or in agriculture fields. Cows, horses, donkeys, goats, sheep and buffaloes are kept for house hold requirements. Wild life comprises of rabbits, Squirrels, foxes, snakes, and lizard. Fishes, turtle, and crabs form aquatic life which occur within a radius of 5 km. No wild life is found within the lease area and its surrounding.

(iv) Quality of ambient air noise level and water:

The proposed site is located in the remote area having a clean atmosphere. Therefore the quality of ambient air will be as good. SPM, SO₂, NOX will be either below permissible limits or close to threshold limits. Similarly ambient noise level is as low as of any standard place.

The permissible limit of SPM, SO₂, & NOX and air quality was observed within the lease hold is given below:

K. P. Bandyopadhyay

Parameter	Promulgated limit	Present within the lease hold
SPM	500 $\mu\text{g}/\text{m}^3$	220 $\mu\text{g}/\text{m}^3$
SO ₂	120 $\mu\text{g}/\text{m}^3$	30 $\mu\text{g}/\text{m}^3$
NOX	120 $\mu\text{g}/\text{m}^3$	18 $\mu\text{g}/\text{m}^3$

The water quality will not be affected as mining is restricted to above ground level. Drinking water is being taken from the hand pumps, which is situated near the chimney site. Numbers of hand pumps are dug in the villages.

(v) Climatic Conditions:

a) Temperature: Tropical climate with hot summers, temperatures ranging between 32⁰ C to even more than 45⁰ C. The winters are cool, recording a drop in temperature from around 12 deg. C to as low as 5 deg C.

b) Rainfall: District Aurangabad receives annual rainfall is about 1204 mm. The maximum rainfall received during monsoon period was July to mid September. The maximum rainfall varies from 900mm. to 1200 mm. The lowest rainfall was received during the month of November-December.

c) Humidity: The maximum and minimum humidity in morning is 98 and 44 in the month of August and May and in the evening 96 and 25 in the month of August and May.

vi) Human Settlement:

The details of population, number of households, land, literacy etc. within a radius of 5 km from lease area. Human settlements are distributed in fringes of buffer zone. The inhabitants belong to all the four castes. The local inhabitants are bundles, who speak in Hindi & Bhojpuri and are farmers. The main occupation in 5 km. buffer zone is farming and mining. The agriculture alone does not appear to be sufficient to sustain the population. Poor literacy conditions prevail in the surrounding of applied area & condition of literacy is more pathetic in females. Older generation wear Dhoti- Kurta while younger generation is adopting dresses like pant, shirts etc.

Occupation:

Agricultural remains the main occupation in this area. Study reveals that within 5 Km. radius of lease each, 70% to 85% population is engaged in agriculture. Percentage of females engaged in agriculture and domestic work.

Disparity in agricultural land holding is less. But yield of agricultural produce is very poor to sustain the available hands. Consequently problem of unemployment and frustration amongst youth can be noticed in the area. The yield of crops is as below:

Rice	:	200 Kg Per Acre
Wheat	:	700 Kg per Acre
Gram	:	500 Kg per Acre
Arhar	:	400 Kg per Acre
Soyabean	:	300 Kg per Acre

(vii) Public building, places of worship and monuments:

None of the above important features are within the applied area or in close proximity of lease hold.

(viii) Does area (partly or fully) falls under notified area under water (Prevention & control of Pollution) Act 1974:

The lease hold has not been notified under water (Prevention & control of pollution) Act 1974.

(b) Attach an Environmental impact Assessment statement describing the impact of mining and beneficiation on the following over the next five years.**(i) Land use:**

The area likely to be degraded due to quarrying, pitting & roads. The impact on the land form or Physiographic will be limited to the modification of the slope. The land scope and land use will undergo a radical change due to open cast mining. The impact during next five years is limited as mining pits will be formed a latter on mined out pits shall be backfilled/reclaimed, leveled it and put it use for agriculture. An effort shall be made to maintain maximum original topography of the lease area.

The impact on land use will also be limited. The various modifications due to mining allied & activities during next five years and end of conceptual period are given below:

Activity	Area Occupied (ha.) During next five years/At the end of conceptual period
Mining and Existing pits	2.466
Waste dumps	0
Road	0
Infrastructure facilities	0
Afforestation	0
Berm	0.274
Total	2.74

(ii) Air Quality:

It has already been explained that mining will be in a very small scale without drilling and blasting. One of the most crucial elements for air pollution is vehicular transport. Due limited movement tippers/tractor or trolleys air quality will not undergo any significant change.

However the only cause of concern in future will be SPM content. The daily average SPM will be less than 220 microgram per meter cube. Due to mining & movement of tippers one year, if safely believed that SPM content will seldom exceed 250 micrograms per meter cube. However, if required, water sprinkling on dry months may be undertaken on the haul road where the maximum traffic will be observed.

K. P. Pandey

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(iii) Water Quality

It has already been mentioned that water table does not have any relevance in this region. The water table in this area is found in the shear zone and is about 15 m. below the ground level. The working during next five years will be confined labor the water table hence no impact on water quality will be observed. The water quality indicates that water is potable.

(vi) Noise Level:

It has been explained earlier that proposed mining is of open cast manual with conventional hand tools. Tractor trolleys shall be deployed for transportation of soil from mining pit up to chimney, but its deployment will be limited. Therefore no effect on noise level shall be envisaged during plan period.

(v) Vibration level :

Mining shall be carried out manually with conventional hand tools. Therefore, no impact in vibration level is envisaged.

(vi) Water Regime:

The mining is in a small area. There is no perennial drainage within the area therefore no significant impact on surface water will be made. However due to excavation some changes in base flow may occur but then it has been proposed that mining will be done in already excavated areas so that it will not touch the water regime.

(vii) Socio-Economics:

Though employment potential is not very high but whatever employment will be generated will be available to surrounding. It has been mentioned that there is a serious problem of migration in this region for the need of livelihood, any attempt of generating employment will be important contribution to this area and should be welcomed. The activity will also provide indirect employment by way of shopkeepers, dhaabas and truck drivers etc.

(viii) Historical Monuments etc.:

No historical monuments exist surrounding the lease hold.

(c) Attach an Environmental Management Plan supported by appropriate plans and sections dealing the time bound action proposed to be taken with sequence and timing in the following areas (or diagram should be added).

- Temporary storage and utilisation top soil:

Soil to be generated shall be use for making bricks. Therefore no proposal has been given for its temporary storage.

II. Year wise proposal for reclamation of land affected by abandoned quarries and allied mining activities during next five years period:

The restoration and reclamation is not proposed in this mining plan as the brick earth will excavate from the proposed area and after excavating brick earth the excavated area may be used for agriculture or as water reservoir. The reclamation and restoration proposals will be provided if required.

K.P. Pandey

Programme of forestation year wise for the initial five years indicating number of plants with name of species, afforested under different areas in Hectares.

Programme of forestation:

Mining Area:

The lease area is marked by large exposure of barren land. Plantation will be undertaken with in outside the lease along Kachha rasta. The details of year wise plantation are as below:

Year	Area (ha)	No. Samplings
First Year	0.01	5
Second Year	0.01	5
Third Year	0.01	5
Fourth Year	0.01	5
Fifth Year	0.01	5
Total	0.05	25

The tree species recommended are Ficusreligosa (pipal), Azadirachtaindica (Neem),Ficusglomerata (Gular), Dalbergiasisso (Shisham) and Syzygium cumin (Jamun) may also be recommended. Mangiferaindica (Aam), Emblicaofficinalis (Anwala), Aeglemarmerlos (Ibei), Planting should be done in large sized 90 cm x 90 cm. due in advance and filled about 50 days before planting. The plantation raised earlier should be carefully maintained. Mortalities should be replaced by fresh planting.

Post Plantation Care:

Following precaution to be undertaken for survival of plants:

- The samplings will be undertaken for survival of plants.
- Plants will be taken care by applying fertilizers and proper wedding etc.
- Healthy tree species will be recommends for plantation.
- Fatal saplings will be replaced with new healthy saplings.
- Every sapling will be covered by tree guard to avoid damage through cattle grazing.
- A Gardner or mazdoor should be employed for care.
- Necessary arrangement will be provided for watering tree species planted at different parts.

4. Stabilisation and vegetation of dumps along with inter burden dumps management year wise for initial five years:

The entire lease area is soil cover an all quantities of soil to be generated shall be used for making bricks therefore there is no question arises for stabilization and vegetation of dumps.

H. P. Pandey

5. Measures to Control erosion/sedimentation of water courses:

No drainage of water course will be disturbed due to mining. The lease area consists of soil cover and mined out pit shall be backfilled/reclaimed therefore there is no question arises for sedimentation of water courses.

6. Treatment and disposal of water from mine:

It has already been mentioned that water table does not have any relevance in region plateau due to its great depth therefore treatment and disposal will not be concern in the mine.

7. Protective measures for ground vibration/air blast caused by blasting:

As the proposed method of mining is open cast manual with limited amount of movement of tractor trolleys. The impact on this aspect is negligible.

8. Measure for protecting historical Monuments and for rehabilitation of human settlement likely to be disturbed due to mining activity:

No such feature exists within the lease area.

10. Socioeconomic beneficiate out of mining:

The scale of operation is limited with 90% local employment. Hence some benefit to the local community will occur on this aspect. Besides the direct employment, indirect employment will include tractor owners, truck drivers, shop keepers etc.

K.P. Pandey

12. CONCLUSION:

This mining area is small and in the waste fields. Mostly local peoples are employed in this activity. There will be minimum adverse affect of this activity on the drainage system.

A brick is a block made of clay burnt in a kiln. It is one of the primary building materials known to mankind. Over time, bricks have appeared, gained prominence, lost importance and then come to the forefront again with various styles of architecture. Burnt bricks were used in ancient Indian civilizations. They are still being used as filler materials for framework structures as well as to construct load bearing structures.

Besides to generate a number of direct employments, indirect employment will also generated in this area by this activity. This is also a source to generate revenue to the Government.

K. P. Pandey

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PROGRESSIVE MINE CLOSURE PLAN**1. Introduction:****Applicant details**

Name of Applicant **Kamal Prakash Pandey**
 S/o –Sri Madan Pandey
Address :- Village- Baleur Sahatwar, P.O- Sahatwar,
 P.S- Sahatwar, District- Balia (U.P.)
 Pin Code- 277211
 Mobile No:- 9250993937, 9955312213
 E mail: kppandey988@gmail.com

(b) Status of Lessee: Partner

(c) Location: The area is situated in Village/ Mauza-Purushottampur, P.O- Behra Agar Shanda, P.S- Mufassil, District- Bhojpur (Bihar)

The site is shown in Plate No.1&2.

d) Extent of Lease area: 2.74 Ha.

e) Type of lease area: Non Forest land

f) Present land use pattern: Waste land.

i) Present Method of mining: No mining is being carried at present.

and mineral processing**1.1 Reasons for Closure:**

The mineral Brick Earth will be excavated for use of making kachha bricks. After completion of excavation of mineral up to depth of 1.8 mts, the mine will be closed as per rules, regulations and orders. No premature closure is Anticipated.

1.2 Statutory Obligations:

As per rule 23 B of MCDR 1988 under Rules 17 & 18 of Bihar Minerals (Concession, Prevention of illegal Mining, Transportation and Storage) Rules, 2019, for every fresh grant of Mining lease a progressive mine closure Plan is required to be submitted in compliance of the aforesaid rule of MCDR 1988, the progressive mine closure plan is being in accordance with the Guidelines issued by CCOM vide circular no. 14/2003.

1.3 Closure plan preparation:

a). Name and address of the Applicant:

Kamal Prakash Pandey

S/o – Sri Madan Pandey

Village- Baleur Sahatwar, P.O- Sahatwar,

P.S- Sahatwar, District- Balia (U.P.)

Pin Code- 277211

Mobile No:- 9250993937, 9955312213

b). Name, address & Registration No of R.Q.P.:

ER. PRAVIN KR SINHA

RQP/BIH/SR.NO./20

Mo. No:- +91-7542949027, +91-9889024004

E-Mail :- indusminingbihar@gmail.com

The copy of RQP certificate is enclosed (Annexure No.3)

c) Name of the executing agency:

The lessee himself shall execute the provisions of mine closure plan.

2.0 Mine Description:

2.1 Geology:

Physiography – Refer Chapter 3a.1

2.2 Regional Geology- Refer Chapter 3a.2

LOCAL GEOLOGY Refer para 3a.

EXPLORATION Refer para 3b

METHOD OF ESTIMATION OF RESERVES Refer Chapter 4.1

CLASSIFICATION OF RESERVES Refer Chapter 4.2

GEOLOGICAL RESERVES Refer Chapter 4.3

MINEABLE RESERVES Refer Chapter 4.4

2.3. Proposed Mining Method: Refer Chapter 5a.1.

3.0 Review of implementation of mining plan/scheme of mining including next five years progressive closure plan up to the final closure of mine:

No activity was taken-up during last 5 years in connection with mining and allied activities. The activity proposed during the five year plan period is summarized as below:

Sl No.	Activity	Particulars
1	Exploration & Mine Development	At present there is no mining. About 5480 cum/year will be exploited to get the required production.
2	Disposal of Solid Waste	All the quantity of mineral is used in brick making. There is no solid waste due to mining.
3	Reclamation & rehabilitation	Reclamation/Rehabilitation is proposed.
4	Control of Dust	Activity is limited. Does not required.
5	Noise & Ground Vibration	Activity is limited. Does not required.
6	Afforestation	No afforestation proposed

4.0 Closure Plan:

4.1. Mined out land:

No proposal can be given for concurrent back-filling. Top soil is proposed to be spread over mined out benches.

4.2. Water Quality Management:

Activity is limited. Any change in water quality does not anticipated.

4.3 Air Quality Management:

Activity is limited. Any change in air quality does not anticipated. If required water sprinkling will be done regularly on haul roads.

4.4 Waste Management:

No waste is anticipated.

4.5 Top Soil Management:

Top soil will be scraped out carefully and stacked carefully on the berms or earmarked area. The top soil will be spread over the mined out area.

4.6 Tailing Dam Management:

No processing of mineral is proposed. Hence, no tailing dam is proposed.

4.7. Infrastructure:

The proposed area is well connected with Anchal and district head quarter by all – weather roads where all facilities are available. However, the Proponent will have his own facility soon after start of excavation.

4.8 Disposal of Mining Machinery:

No specific mining machinery is used in the excavation of brick earth. It will be a manual mine.

4.9. Safety and Security:

Presently agreement has been made for 5 years period. Mining of brick earth is proposed to be confined in a small area up to a depth of 1.8 m. max.

4.10. Disaster Management and Risk Assessment:

The proposed area is small. Activity is limited up to a 1.8 m depth below Ground level. The proposed site falls in **Seismic zone – III**.

4.11 Care and Maintenance during Temporary Discontinuance:

Applicant will comply all necessary rules & regulations.

5.0 Economic Repercussions of Closure of mine and man power retrenchments:

The land used of the area for mining is waste land. At the end of mine it will be again agricultural. In mining activity about 20 persons will get direct employment besides, more than 50 indirect employments.

6.0 Time Scheduling for abandonment:

There is no proposal for abandonment of mined o initiating closure operation during the mining plan period, so question of abandonment does not arise. The time scheduling for abandonment in mining of Brick clay will be after Completion of excavation of mineral up to depth 1.8 mts.

7.0 Abandonment Cost:

It is very difficult to estimate the actual abandonment cost at this stage. The Applicant/Proponent is bound to comply the provisions laid down under rules, Regulations, acts and order made by the central or state government, Statutory organization, court etc.

8.0 Any other information:

The lessee also intends to spend some amount towards community service. The figures are tentative and are subject to generation of profit. Around of 5 % of the profit will be diverted towards this activity.

9.0 Financial Assurance:

The applicant shall comply with the provisions as per Bihar Minerals (Concession, Prevention of illegal Mining, Transportation and Storage) Rules, 2019 for financial assurance. However, it is not possible to calculate financial at this stage.

10.0 Certificate:

Given separately & enclosed.

11.0 Plans and Sections:

All the plans and sections are enclosed with the Plan.

Date:

Place: Patna

बिहार राज्यातर्गत लघु खनिजों के खनन योजना तैयार करने हेतु एंजेसी 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 एंजेसी Empanelment के लिए आमंत्रित Expression of Interest के दस्तावेजों/कागजातों के आधार पर PMU द्वारा तैयार विवरणी की जाँच खान एवं मूलत्व 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 इन्चायरटेक प्रा० लि० को योग्यता संबंधी प्रमाण पत्र नहीं संलग्न करने के कारण तथा कडिका-34 में उल्लेखित मेसर्स संयुक्त इन्फ्रा को संबंधित योग्यता प्रमाण पत्र संलग्न नहीं होने के कारण अयोग्य घोषित करने का निर्णय लिया गया तथा शेष 34 को Empanelled करने का निर्णय लिया गया, विवरणी निम्नवत है :-

S. No.	Name	Contact Number	Qualifications	Rate for preparation of Mining Plan (per Ha)	Rate details	Address
1	Dr. Rishi Nand Singh	9430252322 8340280122	M.Sc. Geology	Rs. 15,000/- (including of Tax & GST)		Dr. R.N. Singh, 7HF-6-20, Sector 7, Block 6, Flat 201, MG Flat, Bahadurpur Housing Colony, Patna-800026
2	Shiva Test House	7903157774	M.Sc. Geology	Rate Slab attached	Rs. 10,000/- each Ha. Rs. 3,000/- for each subsequent additional Ha. (above rates are inclusive of 18% GST)	122 C, Aastha, Road No. 5 A, Padiputra Colony, Patna - 800025
3	Dr. Anurag Kumar Singh	9431506626	M.Sc. Geology	Rs. 20,000/- GST will be charged as per Government rules		S/O-Udho Singh, C/O-Sri Indrajit Kumar Singh, Pt. S. P. Road, District Shivan, Bihar-842445
4	Rajesh Kumar	8008802447	B.E. (Mining Engineer)	Rate Slab attached	Minimum INR 25,000/- per mining plan upto 3 Hectare. For more than 3 Hectare the rate shall be increase @INR 10,000/- per Hectare.	Plot No. 87, Rajwara Building, Jharkhand Office, Near Mehta Petrol Pump, Manpur, Gaya-823003
5	Dr. Abhishek Rahman	7870577771	Ph.D in Geology	Rs. 4,000/- (inclusive of Taxes)		6-78, P.C. Colony, Kantarbagh, Patna-8-800020
6	Pankaj Lata Mishra	9911537948 8789005621	M.Sc. (Geology)	Rs. 11,300/-	Rate per Hectare @10,000/- + GST @18% (Rs. 12400/-) or Rs. 11,300/-	House No. 122, Rajwara Building, Jharkhand Office, Near Mehta Petrol Pump, Manpur, Gaya-823003
7	Sandeep Kumar	943106886	M.Sc. (Geology)	Rs. 15,000/-	Negotiable	Waste-Sector Colony, Janakpur, Near St. Karen's School, Gola Road, Danapur, Patna
8	Dr. Mahesh Kumar Singh	766970516	B.E. (Mining)	Rs. 10,000/-		Dr. Mahesh Kumar Singh, A-112, Sandip Singh Nagar, Kailashdi, Sector 1, Patna, Bihar

K.P. Pandey

33	Indinine Pvt. Ltd.	9431040119	Bachelor of Engineering (Mining)	Rate for each District is enclosed	Enclosure A	H.No-21, First Floor, IAS Colony, S.K. Nagar, Patna-800001
34	M/S Sanyukt Infra	7296069668	Bachelor of Architecture	Rs. 3,500/-		South of Madhuban Housing complex, Malahi Pakdi, Kankarbagh-800020
35	Saathi Planners Pvt. Ltd.	9835877778	Details of qualification attached	Rs. 12,000/-		C/O Mr. Anil Kumar, plot No. L-171, Road No. 23 Near Malti Nikeran, Sri Krishna Nagar, Patna -800001
36	Overseas Min-Tech Consultants	9460221084	Details of qualification attached	Rs. 13,000/-		501, 5th Floor, Apex Tower, Tonk Road, Jaipur-302015, Tel- 0141-2744509

3. प्राप्त सभी EOI की समीक्षा के उपरांत विभागीय समिति द्वारा सर्वसम्मति से खनन योजना हेतु देय राशि प्रति खनन योजना अधिकतम ₹30,000/- (तीस हजार) रू0 GST सहित (चाहे माइनिंग 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 अभिरुचि की अभिव्यक्ति आमंत्रण में शामिल वैसे प्रतिष्ठान, जो वांछित योग्यता को पूरा करते हो तथा जिनका वर्तमान में पटना 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 लघु 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/- स0आ0वि0स0, सदस्य
ह0/- स0नि0 (मु0), सदस्य
ह0/- अवर सचिव, सदस्य
ह0/- उप निदेशक, पटना अंचल, पटना सदस्य
ह0/- उप निदेशक (मु0), सदस्य
ह0/- अपर सचिव-सह-निदेशक, अध्यक्ष

ह0/-

सरकार के अवर सचिव

ज्ञापांक:-...../एम0, दिनांक:-.....

प्रतिलिपि:- सभी समाहर्ता को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

ह0/-

सरकार के अवर सचिव

ज्ञापांक:-...../एम0, 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

ज्ञापांक:- 3825 / एम0, दिनांक- 07/11/19

प्रतिलिपि:- माननीय मंत्री के आप्त सचिव/प्रधान सचिव के प्रधान आप्त सचिव/निदेशक
कोषांग/उप निदेशक (मु0)/सहायक निदेशक (मु0)/खनिज विकास
पदाधिकारी (मु0) को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

[Signature]
21/11/19

[Signature]
सरकार के अवर सचिव

ANNEXURE NO.-1



बिहार BIHAR

204
26/6/2024

विशेषज्ञ. सिंह पिता स्व० रामाज्ञा सिंह 078418
शुभ भूमेतम, थाना आरा मुफसिल जिला भोजपुर
1000 रुपये

एकरारनामा

प्रथम पक्ष :-

(1) शिवमंगल सिंह पिता स्व० रामाज्ञा सिंह, निवासी ग्राम-पुरुषोत्तमपुर, पोस्ट-बेहरा, थाना- आरा मुफसिल, जिला-भोजपुर, आधार नं०-7762 1465 3159

(2) सुदर्शन सिंह पिता स्व० केशो सिंह, निवासी ग्राम-पुरुषोत्तमपुर, पोस्ट-बेहरा, थाना- आरा मुफसिल, जिला-भोजपुर, आधार नं०-

द्वितीय पक्ष :- मेसर्स शुभ ईट भट्टा, पार्टनर्स -

(1) रंजन कुमार शर्मा पिता स्व० सच्चिदा नन्द शर्मा, निवासी -ए-62, एस.एफ. -4 अशोक इन्क्लेव पार्ट-2 सेक्टर-37, फरीदाबाद, अमरनगर, पोस्ट-अमरनगर, जिला-फरीदाबाद, हरियाणा-121003 वर्तमान पता- प्लॉट नं०-178 ग्राम-पुरुषोत्तमपुर, पोस्ट-बेहरा, थाना- आरा मुफसिल, जिला-भोजपुर (भारतीय) आधार नं०- 3384 6520 3492

(2) पुरुषोत्तम राय पिता स्व० श्रीराम राय, निवासी ग्राम-गडेरिया, पोस्ट-लालगंज, थाना-दोकटी, जिला-बलिया, उत्तर प्रदेश वर्तमान पता- प्लॉट नं०-178 ग्राम-पुरुषोत्तमपुर, पोस्ट-बेहरा, थाना- आरा मुफसिल, जिला-भोजपुर (भारतीय) आधार नं०- 2878 0469 3919

K. P. Pandey

(3) कमल प्रकाश पाण्डेय पिता मदन पाण्डेय, निवासी ग्राम-बलेउर, पोस्ट-सहतवार, थाना-सहतवाद, जिला-बलिया, उत्तर प्रदेश वर्तमान पता-प्लॉट नं0-178 ग्राम-पुरुषोत्तमपुर, पोस्ट-बेहरा, थाना- आरा मुफसिल, जिला-भोजपुर (भारतीय) आधार नं0-6237 3902 5882

(4) प्रताप देव कुमार पिता शिव मंगल सिंह, निवासी मुहल्ला-शान्तिनगर मौलाबाग आरा, थाना- आरा नगर, जिला-भोजपुर (भारतीय) आधार नं0-6107 0552 2043

प्रथम पक्ष ने अपनी जमीन द्वितीय पक्ष को 2 मीटर मिट्टी काटकर ईंट बनाने के लिए पाँच वर्ष तक का सहमति दे रहे हैं इसके एवज में मुझे मो0- 20,000/- (बीस हजार) रुपये प्रति एकड़ के दर से पैसे का भुगतान करेंगे। जमीन का पूर्ण विवरण निम्न प्रकार है :-

मौजा	खाता नं0	खेसरा नं0	एराजी ए0-डी0
पुरुषोत्तमपुर	33	105	0-25
थाना नं0-15	35	114	0-50.5
	35	460	0-62.5
	92	178	3-06
	92	118	2-34
		(छव एकड़ अठहतर डिसमिल)	6-78

प्रथम पक्ष का हस्ताक्षर

शिवमंगल सिंह
पुरुषोत्तमपुर

द्वितीय पक्ष का हस्ताक्षर

Ranjam Kumar Sasmal
पुरुषोत्तमपुर
Kamal Prakash Pandey
Treston Dec 2020

K.P. Pandey



बिहार सरकार

बिहार सरकार

राजस्व एवं भूमि सुधार विभाग

14/06/

जमाबंदी पंजी प्रति

भाग वर्तमान : 2	पृष्ठ संख्या : 261	जमाबंदी संख्या : 86	कंप्यूटरीकृत जमाबंदी संख्या : 193142200057069		
जिला का नाम : Bhojpur	अनुमंडल नाम : Ara Sadar	अंचल का नाम : Ara	हलका का नाम : अगरसण्डा		
मौजा का नाम : पुरुषोत्तम पुर	होलिंग संख्या : N/A	तौजी संख्या : 0	थाना नंबर : 15		
राजमंगल सिंह, पिता/बापा/अबू-रामाज्ञा सिंह, जाति- N/A एवं शिवमंगल सिंह, पिता/बापा/अबू-रामाज्ञा सिंह, जाति- N/A					
खता सं०	प्लॉट/खेसरा सं०	रकबा	चौहद्दी	परिवर्तन के लिए प्राधिकार	लमान
33	105	0 ए 25 डि 0 हे	पू०: प०: उ०: द०:	n/a	20
35	114	0 ए 50.5 डि 0 हे	पू०: प०: उ०: द०:	n/a	20
कुल परिमाण		0 ए 75.5 डि 0 हे			
अंतिम लगान का विवरण					
तारीख	प्राप्ति पत्र सं०	साल से	साल तक	लागत बकाया	

उपरोक्त जमाबंदी के विरुद्ध दाखिल खारिज का विवरण

Mutation Cases Not Found !!

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

K.P. Pandey



बिहार सरकार
राजस्व एवं भूमि सुधार विभाग

14/06/2024

जमाबंदी पंजी प्रति

भाग वर्तमान : 2		पृष्ठ संख्या : 262	जमाबन्दी संख्या : 87		कंप्यूटरीकृत जमाबन्दी संख्या : 193142200057070	
जिला का नाम : Bhojpur		अनुमंडल नाम : Ara Sadar		अंचल का नाम : Ara		हलका का नाम : अगरसण्डा
मौजा का नाम : पुरुषोत्तम पुर		होलिंग संख्या : N/A		तौजी संख्या : 0		धाना नंबर : 15
राजमंगल सिंह , पिता/बाप/अबू -रामाज्ञा सिंह, जाति- N/A						
खाता सं०	प्लॉट/खेसरा सं०	रकबा	चौहद्दी	परिवर्तन के लिए प्राधिकार	लगान	सेस
35	460	0 ए 62.5 डि 0 हे	पू०: प०: उ०: द०:	n/a	30	30
35	410	0 ए 4.25 डि 0 हे	पू०: प०: उ०: द०:	n/a	30	30
35	411	0 ए 4.5 डि 0 हे	पू०: प०: उ०: द०:	n/a	30	30
33	105	0 ए 12 डि 0 हे	पू०: प०: उ०: द०:	n/a	30	30
155	457	0 ए 12.5 डि 0 हे	पू०: प०: उ०: द०:	n/a	30	30
35	410	0 ए 4.25 डि 0 हे	पू०: प०: उ०: द०:	n/a	30	30
118	112	0 ए 21 डि 0 हे	पू०: प०: उ०: द०:	n/a	30	30
59	110	0 ए 9.5 डि 0 हे	पू०: प०: उ०: द०:	n/a	30	30
62	111	0 ए 18 डि 0 हे	पू०: प०: उ०: द०:	n/a	30	30
82	101	0 ए 33 डि 0 हे	पू०: प०: उ०: द०:	n/a	30	30
	कुल परिमाण	1 ए 81.5 डि 0 हे				
अंतिम लगान का विवरण						
तारीख	प्राप्ति पत्र सं०	साल से	साल तक	सागत बकाया		

उपरोक्त जमाबंदी के विरुद्ध दाखिल खारिज का विवरण

Mutation Cases Not Found !!

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

K.P. Pandey



बिहार सरकार
राजस्व एवं भूमि सुधार विभाग

14/06/202

जमाबंदी पंजी प्रति

भाग वर्तमान : 1	पृष्ठ संख्या : 94	जमाबन्दी संख्या : 103	कंप्यूटरीकृत जमाबन्दी संख्या : 193142200056902
जिला का नाम : Bhojpur	अनुमंडल नाम : Ara Sadar	अंचल का नाम : Ara	हलका का नाम : अगरसण्डा
मौजा का नाम : पुरुषोत्तम पुर	होलिंग संख्या : N/A	तोड़ी संख्या : 0	धाना नंबर : 15

रामजन्म राय , पिता/बाप/अबू -देवसरण राय, जाति- N/A एवं
गजदेव सिंह , पिता/बाप/अबू -देवनाथ सिंह, जाति- N/A एवं
केशो राय , पिता/बाप/अबू -राधे राय, जाति- N/A एवं राम
आज्ञा राय , पिता/बाप/अबू -रामध्यान राय, जाति- N/A

खाता सं०	प्लॉट/खेसरा सं०	रकबा	चौहद्दी	परिवर्तन के लिए प्राधिकार	लगान	सेस
92	107	0 ए 26 डि 0 हे	पू०: प०: उ०: द०:	n/a	200	200
	260	0 ए 12 डि 0 हे	पू०: प०: उ०: द०:			
	462	0 ए 39 डि 0 हे	पू०: प०: उ०: द०:			
	255	0 ए 7 डि 0 हे	पू०: प०: उ०: द०:			
	414	0 ए 52 डि 0 हे	पू०: प०: उ०: द०:			
	378	0 ए 33 डि 0 हे	पू०: प०: उ०: द०:			
	347	0 ए 8 डि 0 हे	पू०: प०: उ०: द०:			
	379	5 ए 37 डि 0 हे	पू०: प०: उ०: द०:			
	442	3 ए 79 डि 0 हे	पू०: प०: उ०: द०:			
	178	4 ए 76 डि 0 हे	पू०: प०: उ०: द०:			
	118	4 ए 69 डि 0 हे	पू०: प०: उ०: द०:			
	कुल परिमाण	19 ए 27 डि 0 हे				

वारीख	प्राप्ति पत्र सं०	साल से	साल तक	सागत बकाया
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उपरोक्त जमाबंदी के विरुद्ध दाखिल झारिज का विवरण	Mutation Cases Not Found !!
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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 कंप्यूटर जनित प्रति है
किसी भी प्रकार की अशुद्धियों के लिए सम्बन्धित अंचलाधिकारी से संपर्क करें

K.P. Pandey



भारत सरकार
Government of India



कमल प्रकाश पांडे
Kamal Prakash Pandey
जन्म तिथि/DOB: 05/07/1986
पुल्ल/ MALE



6237 3902 5882

VID: 9193633624018730

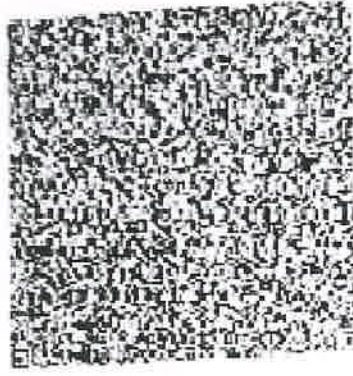
मेरा आधार, मेरी पहचान



भारतीय विशिष्ट पहचान प्राधिकार
Unique Identification Authority of India

पता:
C/O नरन नंदि, बालेऊ, सहरावा, बलु, बलिया,
उत्तर प्रदेश - 277211

Address:
C/O Madan Panday, balewa, Saharwar,
Baleur, Ballia,
Uttar Pradesh - 277211



6237 3902 5882

VID: 9193633624018730

1 2 3

K.P. Pandey

आयकर विभाग
INCOME TAX DEPARTMENT

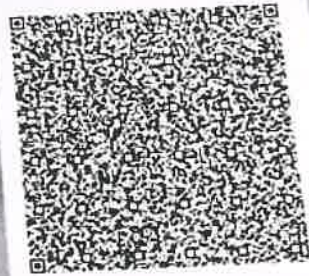


भारत सरकार
GOVT. OF INDIA



स्थायी लेखा संख्या कार्ड
Permanent Account Number Card

BALPP0840F



नाम / Name

KAMAL PRAKASH PANDAY

पिता का नाम / Father's Name
MADAN PANDAY

जन्म की तारीख / Date of Birth
05/07/1986

हस्ताक्षर / Signature

66684

K.P. Pandey

आयकर विभाग
INCOME TAX DEPARTMENT



भारत सरकार
GOVT. OF INDIA

स्थायी लेखा संख्या कार्ड

Permanent Account Number Card

AFIFS1708N

नाम / Name
SUBHIT UDYOG

निगमन/गठन की तारीख
Date of Incorporation/Formation
20/05/2024



08062024

K.P. Pandey



बिहार BIHAR

570
20/5/2024

Ranjan Kumar Sharma
S/O Late Sachchidanand Sharma
R/O Faridabad Haryana
At - Vill - Punshotampur Dist - Bhojpur

AV 074541



1900/- Partnership
मिथिलेश कुमार सिंह
स्टाम्प भेन्डर, सन्देश
अनुज्ञाति सं-157/91-92

PARTNERSHIP DEED

570 5719

20/5/24

This Deed of Partnership is executed at ARA on this 20th day of May, 2024; by and;

BETWEEN

(I) Ranjan Kumar Sharma s/o Late Sachchida Nand Sharma aged about-42 years, resident of A-62, SF-4 Ashoka Enclave Part-2, Sector-37, Faridabad, Amarnagar, P.O. Amarnagar, District-Faridabad, Haryana-121003, At present Plot no. 178, Village-Faridabad, Haryana-121003, At present Plot no. 178, Village-Punshotampur, P.O. Behra, P.S. Ara Muffasil, District-Bhojpur-Nationality- Indian hereinafter called the Partner, which expressions shall unless repugnant to the context include his/her heirs, successors and assigns of the FIRST PART.

AND



Sign. of the Partners

Ranjan Kumar Sharma
Kamal Kishore Pandey

K.P. Pandey

(II) Purshotam Rai aged about- 56 years son of Late Shriram Rai resident of Village -Gaderiya P.O. Lalganj, P.S. Dokati, Distt. Ballia Uttar Pradesh-277216 At present- Plot no. 178, Village- Purshotampur, P.O. Behra, P.S. Ara Muffasil, District- Bhojpur- Nationality- Indian hereinafter called the Partner, which expressions shall unless repugnant to the context include his/her heirs, successors and assigns of the SECOND PART. Aadhar No. 2878 0469 3919, Mob. No. 9628289796

AND

(III) Kamal Prakash Pandey s/o Sri Madan Pandey, aged about- 38 years resident of Village - Baleur, P.O. Sahatwar, P.S. Sahatwar, District- Ballia, Uttar Pradesh- 277211, at present Plot no. 178, Village- Purshotampur, P.O. Behra, P.S. Ara Muffasil, District- Bhojpur- Nationality- Indian hereinafter called the Partner, which expressions shall unless repugnant to the context include his/her heirs, successors and assigns of the THIRD PART. Aadhar No. 6237 3902 5882 Mob. 9250993837

(IV) Pratap Deo Kumar s/o Shiv Mangal Singh, aged about- 43 years resident of Mohalla- Shanti Nagar Maulabagh Ara, P.S. Ara Town, District- Bhojpur- Nationality- Indian hereinafter called the Partner, which expressions shall unless repugnant to the context include his/her heirs, successors and assigns of the FOURTH PART.

Aadhar No. 6107 0552 2043 Mob. 9931875580

Whereas First, Second, Third and Fourth parties to this Instrument of have agreed to start the business Partnership have agreed to start the business of Bricks preparation and its marketing i.e. Chimni (It/Bhatha) in Village- Purshotampur, plot no. 178, P.O. Behra, P.S. Ara Muffasil, in the District of Bhojpur under the name and style of M/S SHUBH IT UDYOG.



Sign. of the Partners

Rajiv Kumar Sharma
Kamal Prakash Pandey

K.P. Pandey

of income of the firm, as provided by clause (b) of section 40 of income Tax Act shall be determined and such remuneration shall be paid the working partners. The firm shall credit the account of working partners on 31st March of each year. In case there is loss to the firm after making payments of interest to the partners of the firm, on remuneration shall be paid to the working partners.

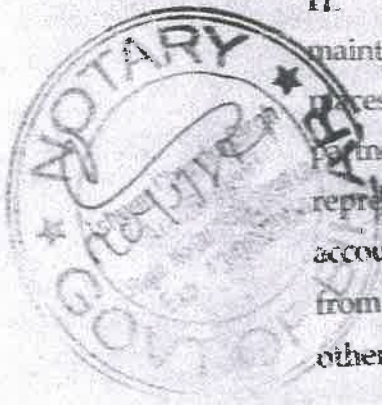
7. That the Bank accounts or accounts shall be opened and maintained in the name of the firm and shall be operated by the First party Ranjan Kumar Sharma & Second Party Purshotam Rai hereto.

8. That First & Second Party hereto are also authorized hereby only to sign any documents, to execute agreements and to receive payments on behalf of the firm.

9. That the partnership shall be a PARTNERSHIP AT WILL, terminable at the option of any of the partners by giving three months notice to the other partners or leaving such a notice at the principal place of business, but the formality of a notice may be waived if the firm is dissolved with the mutual consent of all the partners.

10. That the account of the firm shall be closed and adjusted at the end of the financial year and the share of the partners shall be credited or debited as the case may as provided by para 4 above.

11. That necessary books of account shall be kept and maintained by the partners and shall be kept at the place or places of the business which will be open for inspection by the partners during business hours. The partners or their authorized representatives are entitled to take copies or extracts from the account books but on partner shall remove the account books from the business place or places without the consent of the other partners.



Sign. of the First Partner

Ranjan Kumar Sharma
Karnal Halkathi Pandey.

K.P. Pandey

If any partner wants to retire from this firm, the remaining partner will give 6 months time to maintain account.

18. That if in the best interest of the firm, admission of new partner or partners be deemed advisable, the partners reserve their right to admit one or more partner or partners into the firm on such terms and conditions as may be agreed upon mutually between the incoming partner or partners and the sitting partners.

19. That all disputes arising in the conduct of the business of the firm as between the partners and originating either or interpretation of the terms of this partnership deed or otherwise either during the subsistence of the firm or thereafter shall be settled by reference to Arbitration in accordance with the provisions of the Indian Arbitration and the award of the Arbitrators/Umpire shall be final and binding on all the parties.

20. If any partner invest excess money he shall right to take maximum interest on fixed capital shall be @ 12% per annum, herein all the parties have to pay be waived and rate of interest provided herein may be reduced if mutually agreed upon between the partners hereto from time to time.

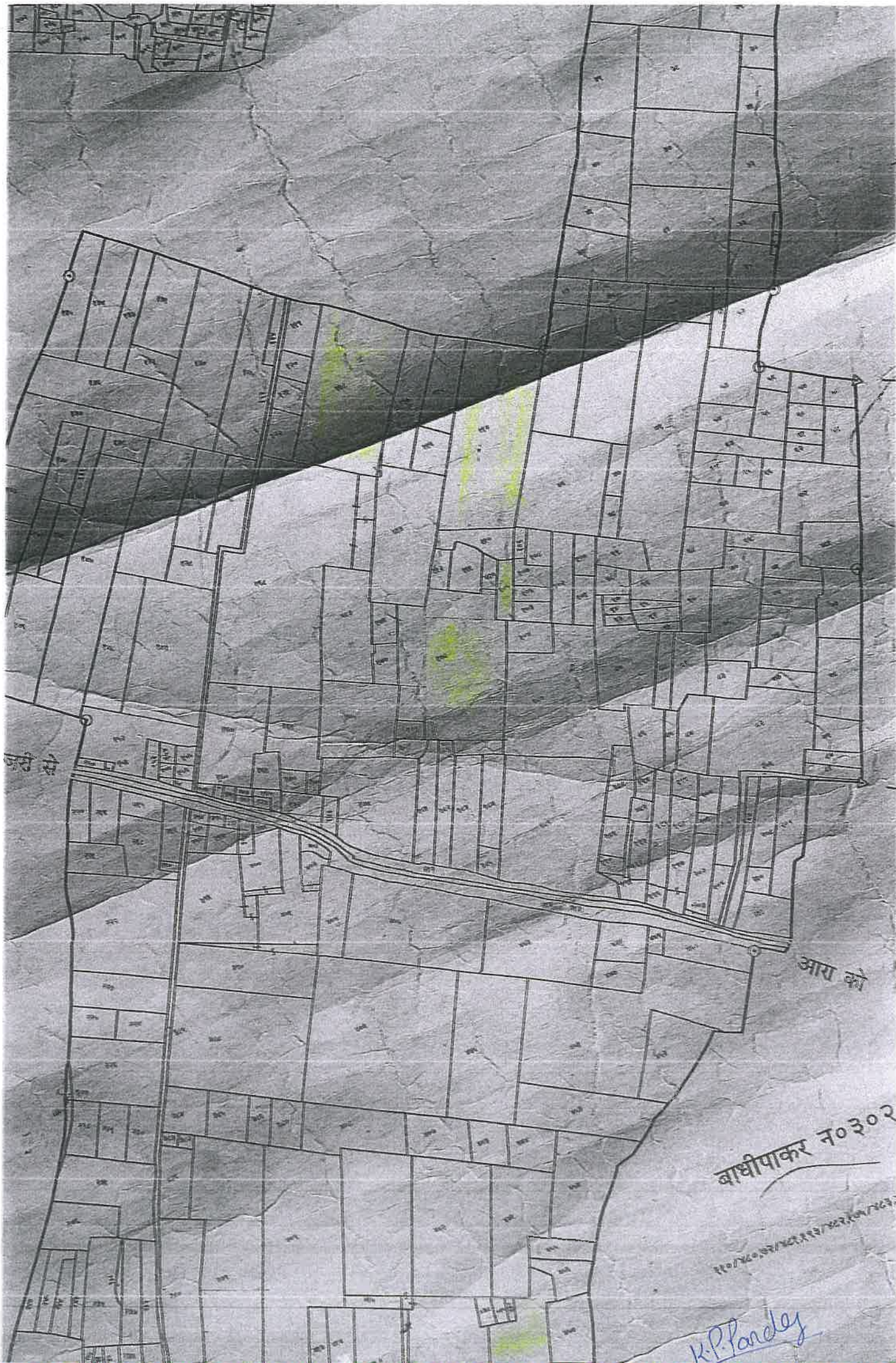
21. That the provisions of the Indian Partnership Act, 1932 shall apply so far as they have not been expressly varied in this deed.



Sign. of the First Partner

K. P. Pandey
Kamal Bakshi Pandey

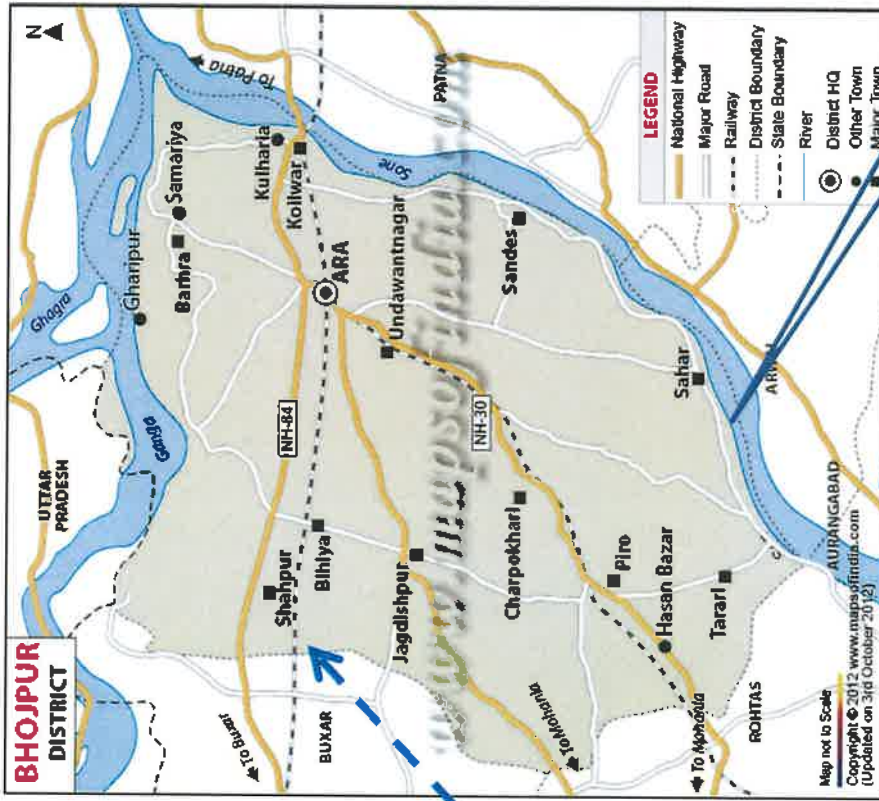
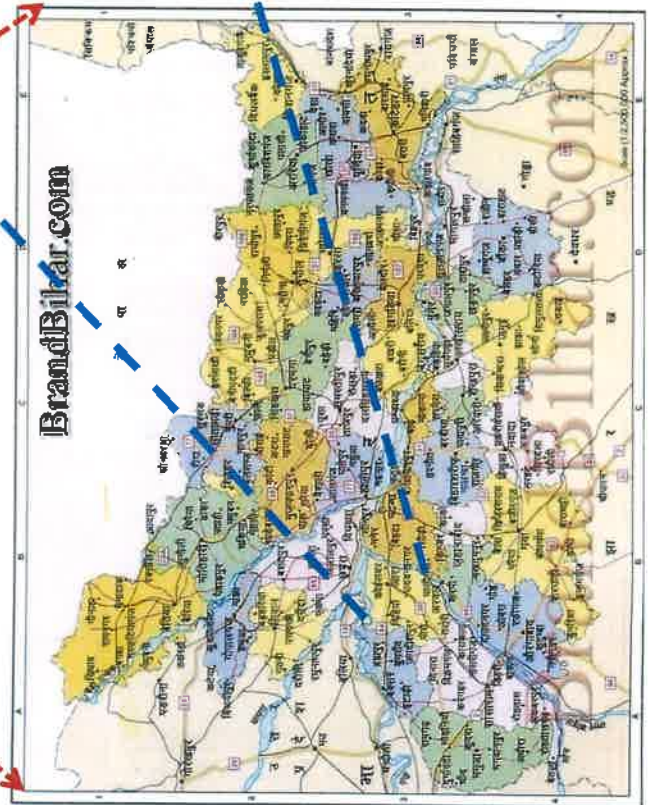
K. P. Pandey



ANNEXURE NO.-3

PLATES

LOCATION MAP



ANDHARY

PLATE No.1

LOCATION PLAN
BRICK MINING PROJCT
Village – PURUSHOTTAMPUR, P.O.- BEHRA AGAR SHANDA, P.S.- MUFASSIL, DIST.- BHOJPUR
M/S SUBH IT UDYOG
PART.- KAMAL PRAKASH PANDEY
AREA : - 6.78 OR 2.74 HA
SIGNATURE 

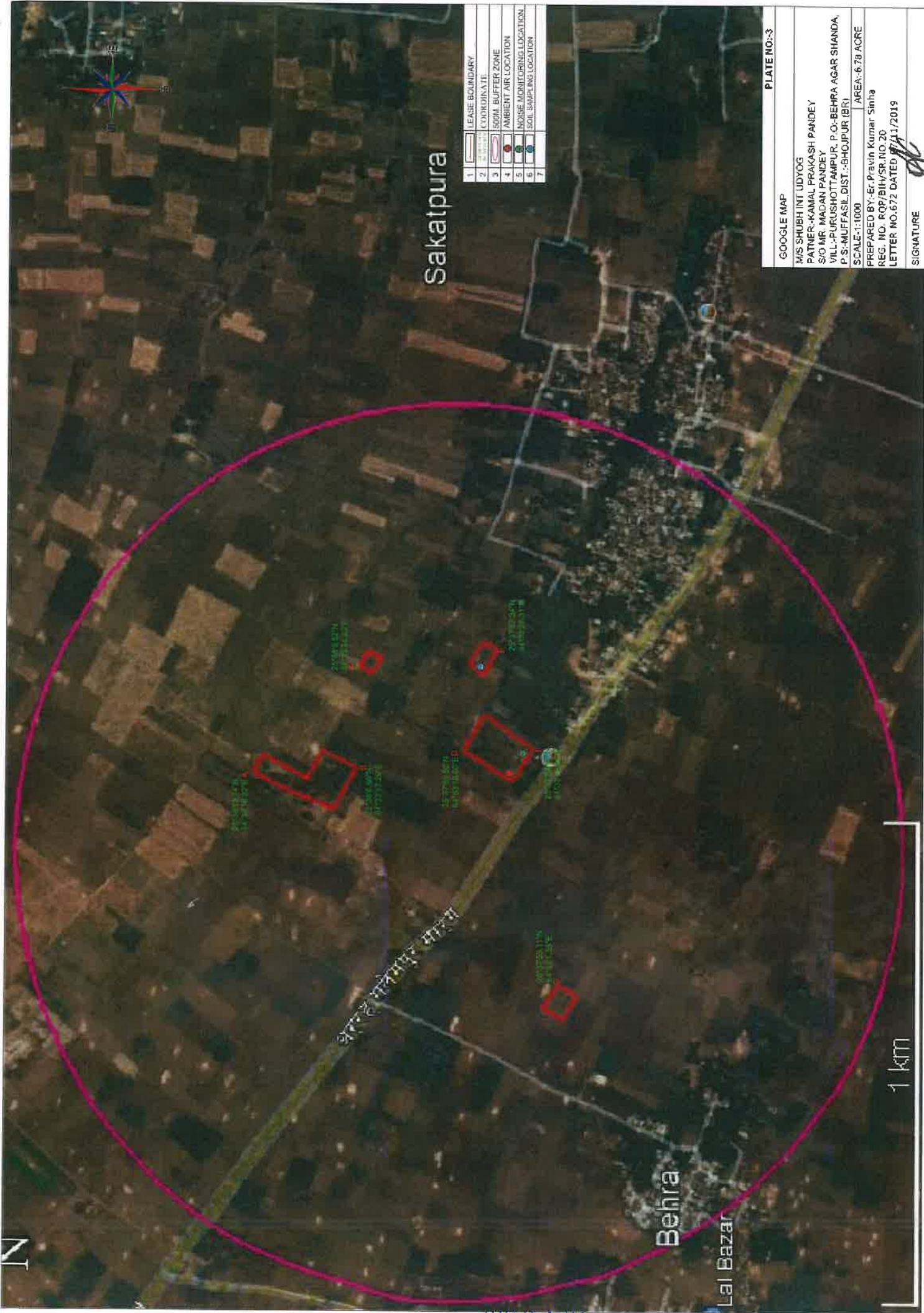
K.P. Pandey



1		LEASE BOUNDARY
2		500M. BUFFER ZONE
3		BRICK KILN
4		

ROUTE MAP		PLATE NO:-2
M/S SHUBH INT UDYOG		
PATNER:-KAMAL PRAKASH		
S/O MR. MADAN PANDEY		
VILL:-PURUSHOTTAMPUR, P.O-BEHRA AGAR SHANDA,		
P.S-MUFFASIL, DIST.-BHOJPUR (BR)		
SCALE: 1:1000	AREA:-6.78 ACRE	
PREPARED BY:-Er.Pravin Kumar Sinha		
REG. NO. ROP/BJH/SR.NO.20		
LETTER NO.672 DATED 07/11/2019		
SIGNATURE		

K.P. Jaiswal

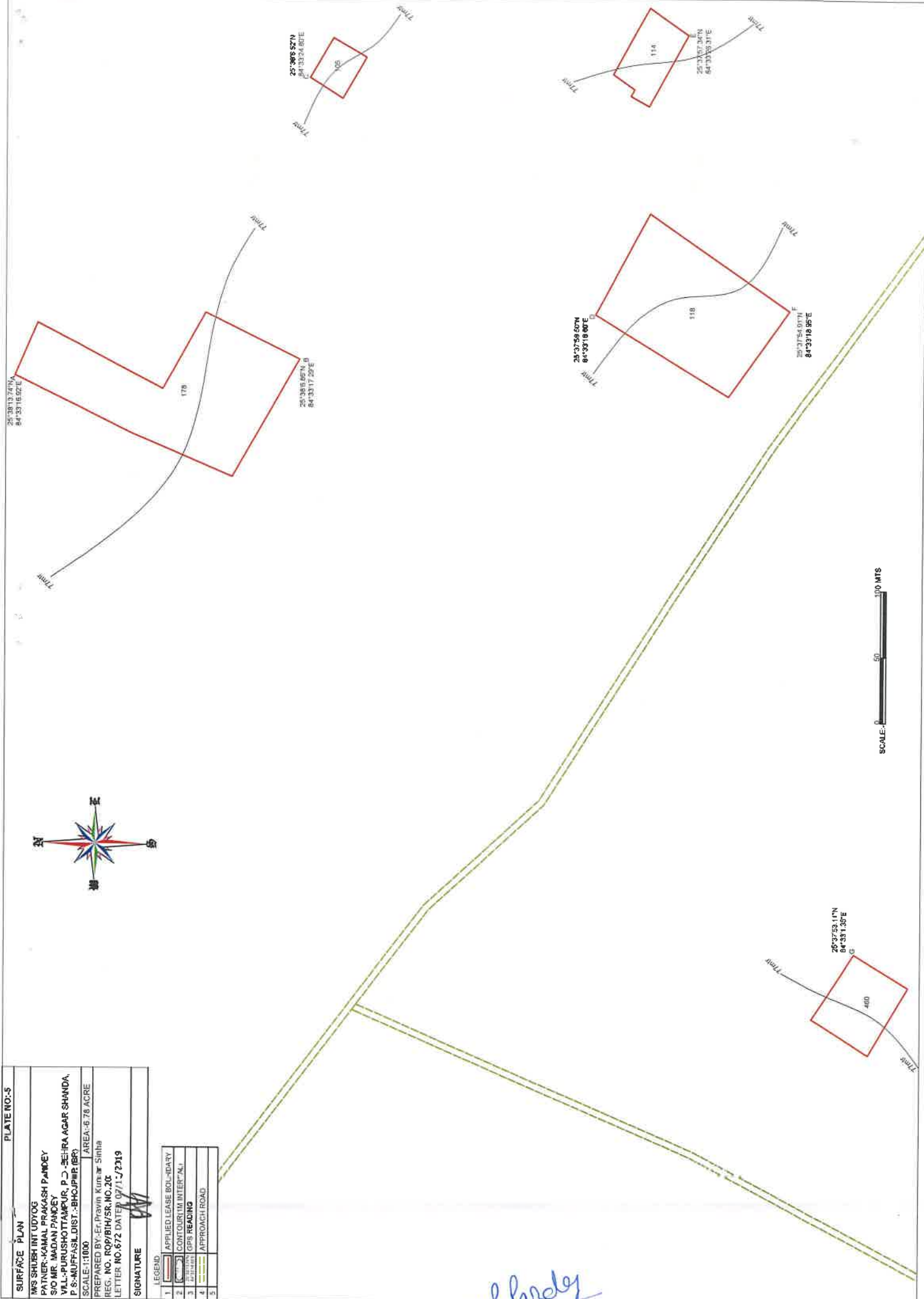


GOOGLE MAP		PLATE NO.-3
M/S SHUBH INT. UDYOG		
PARTNER-KAMAL PRAKASH PANDEY		
S/O MR. MADAN PANDEY		
VILL.-PURUSHOTTAMPUR, P.O.-BEHRA AGAR SHANDA,		
P.S.-MUFFASIL DIST.-SHOJPUR (BR)		
SCALE-1:1000	AREA-6.78 ACRE	
PREPARED BY:-Er. Pravin Kumar Sinha		
REG. NO. RQP/BIH/SR.NO.20		
LETTER NO.672 DATED 07/11/2019		
SIGNATURE		

K. Prasad

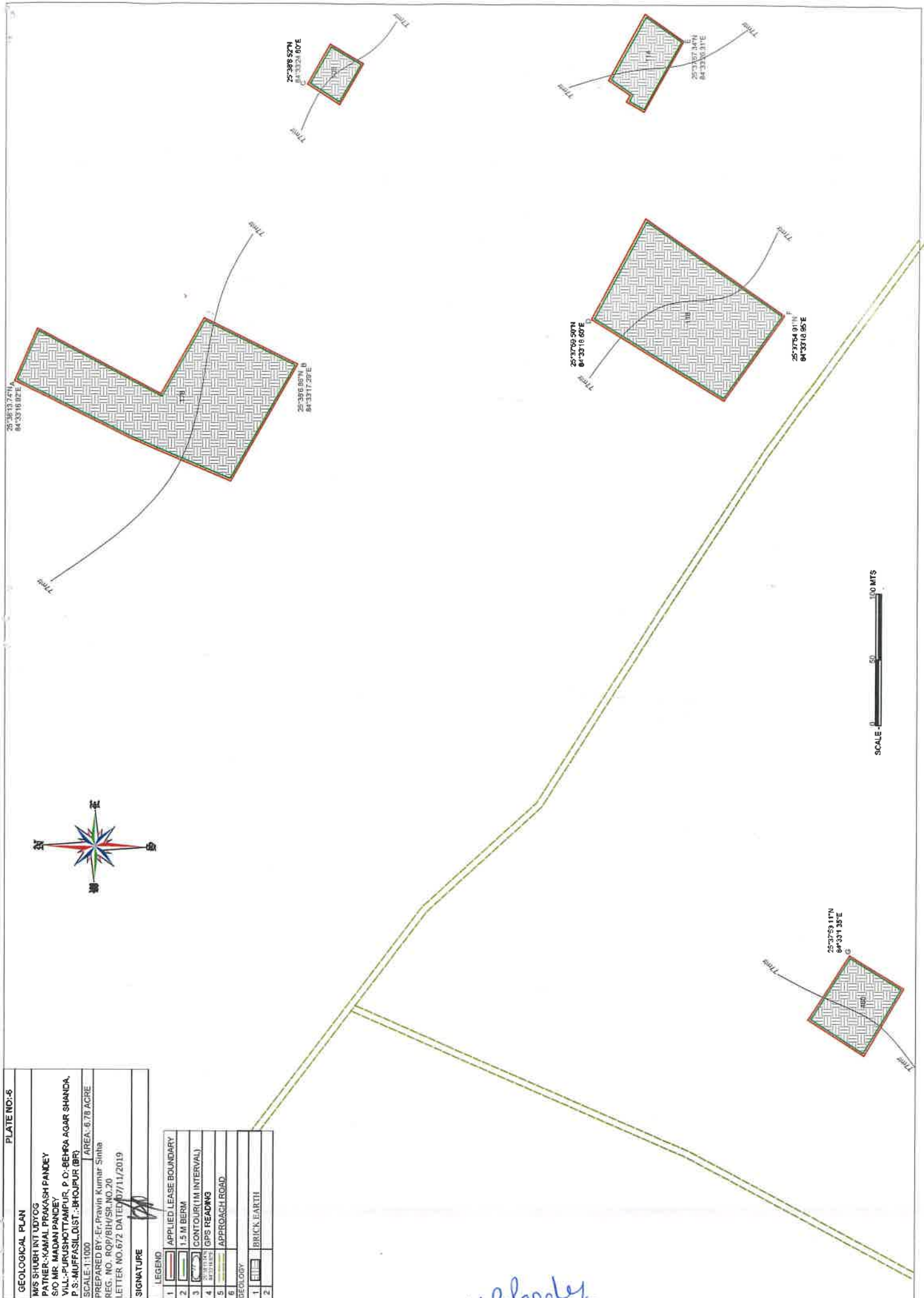
SURFACE PLAN		PLATE NO.-5
M/S SHUBH INT UDYOG PATNER:-KAMAL PRAKASH PANDEY S/O MR. MADAN PANDEY VILL:-PURUSHOTTAMPUR, P.O:-SEHRA AGAR SHANDA, P.S:-MUFFASIL,DIST:-BHOJPUR (B.P.)		
SCALE:1:1000		AREA:-6.78 ACRE
PREPARED BY:-Ex. Pravin Kumar Saha REG. NO. ROP/BH/SE. NO.20 LETTER NO.672 DATED:02/11/2019		
SIGNATURE		

LEGEND	
1	APPLIED LEASE BOUNDARY
2	CONTOUR/INTERVAL
3	GPS READING
4	APPROACH ROAD
5	



GEOLOGICAL PLAN
 PLATE NO.-6
 M/S SHUBH INT LUDYOG
 PARTNER-KANAL PRAKASH PANDEY
 S/O MR. MADAN PANDEY
 VILL-PURUSHOTTAMPUR, P.O.-BEHRA AGAR SHANDA,
 P.S.-MUFFASIL DIST.-BHOJPUR (BR)
 SCALE 1:1000 AREA: 6.78 ACRE
 PREPARED BY:-Er. Pravin Kumar Sinha
 REG. NO. RQP/8H/SR.NO.20
 LETTER NO.672 DATED 07/11/2019

SIGNATURE	
LEGEND	
1	APPLIED LEASE BOUNDARY
2	1.5 M BERM
3	CONTOUR (1M INTERVAL)
4	GPS READING
5	APPROACH ROAD
6	GEOLOGY
1	BRICK EARTH
2	



K.P. Pandey

PLATE NO:-7

DEVELOPMENT PLAN

M/S SHUBH INTUDYOG
 PARTNER:-KAMAL PRAKASH PANDEY
 S/O MR. MADAN PANDEY
 VILL:-PURUSHOTTAMPUR, P.O.-BEHRA AGAR SHANDA,
 P.S.-MUFFASIL DIST.-BHOUPUR (BR)

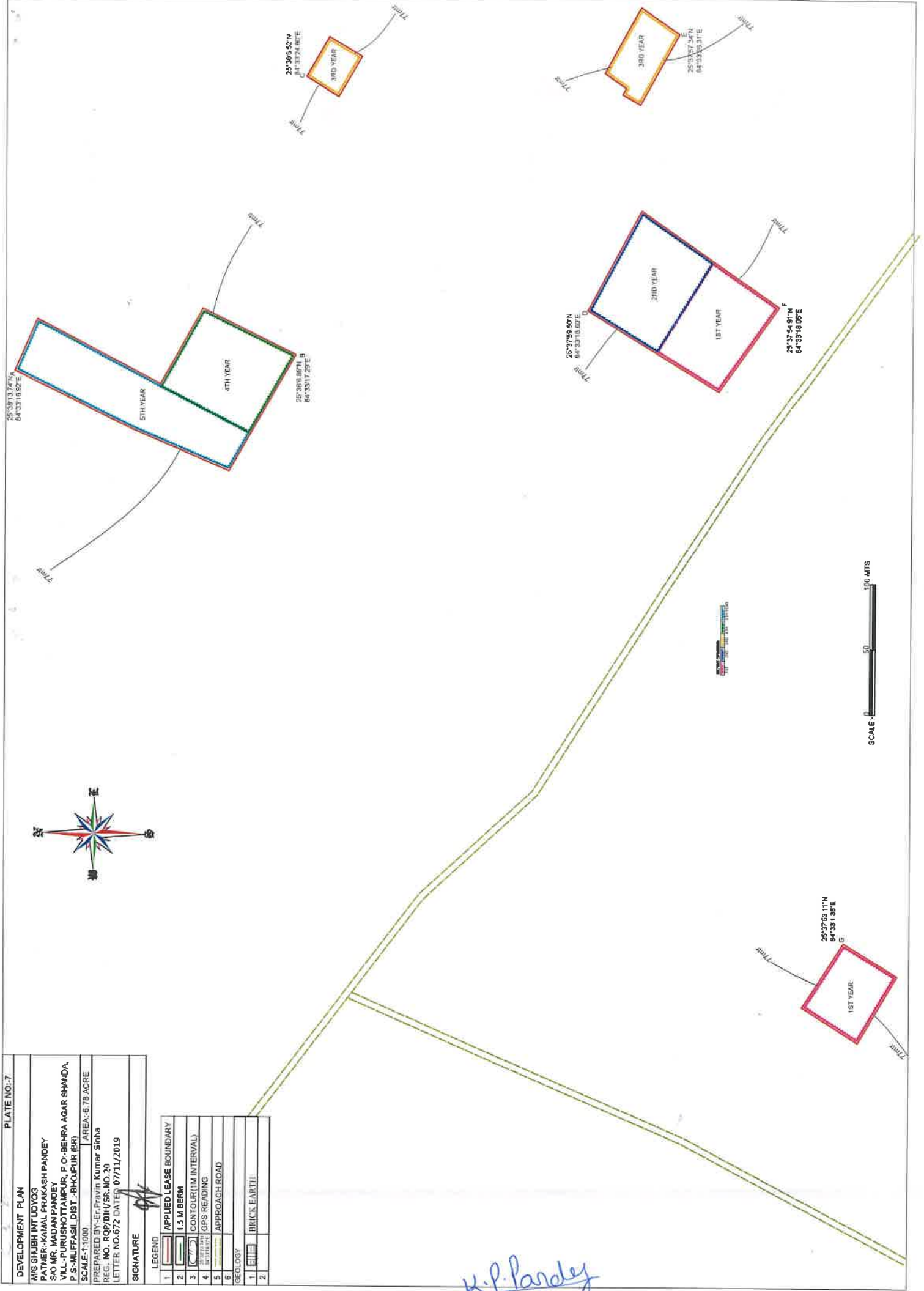
SCALE:-1:1000

AREA:-6.78 ACRE

PREPARED BY:-Er. Pravin Kumar Sinha
 REG. NO. RQP/BIH/SA.NO.20
 LETTER NO.672 DATED 07/11/2019

SIGNATURE

LEGEND	
1	APPLIED LEASE BOUNDARY
2	1.5 M BERM
3	CONTOUR (1M INTERVAL)
4	GPS READING
5	APPROACH ROAD
6	GEOLGY
1	BRICK EARTH
2	

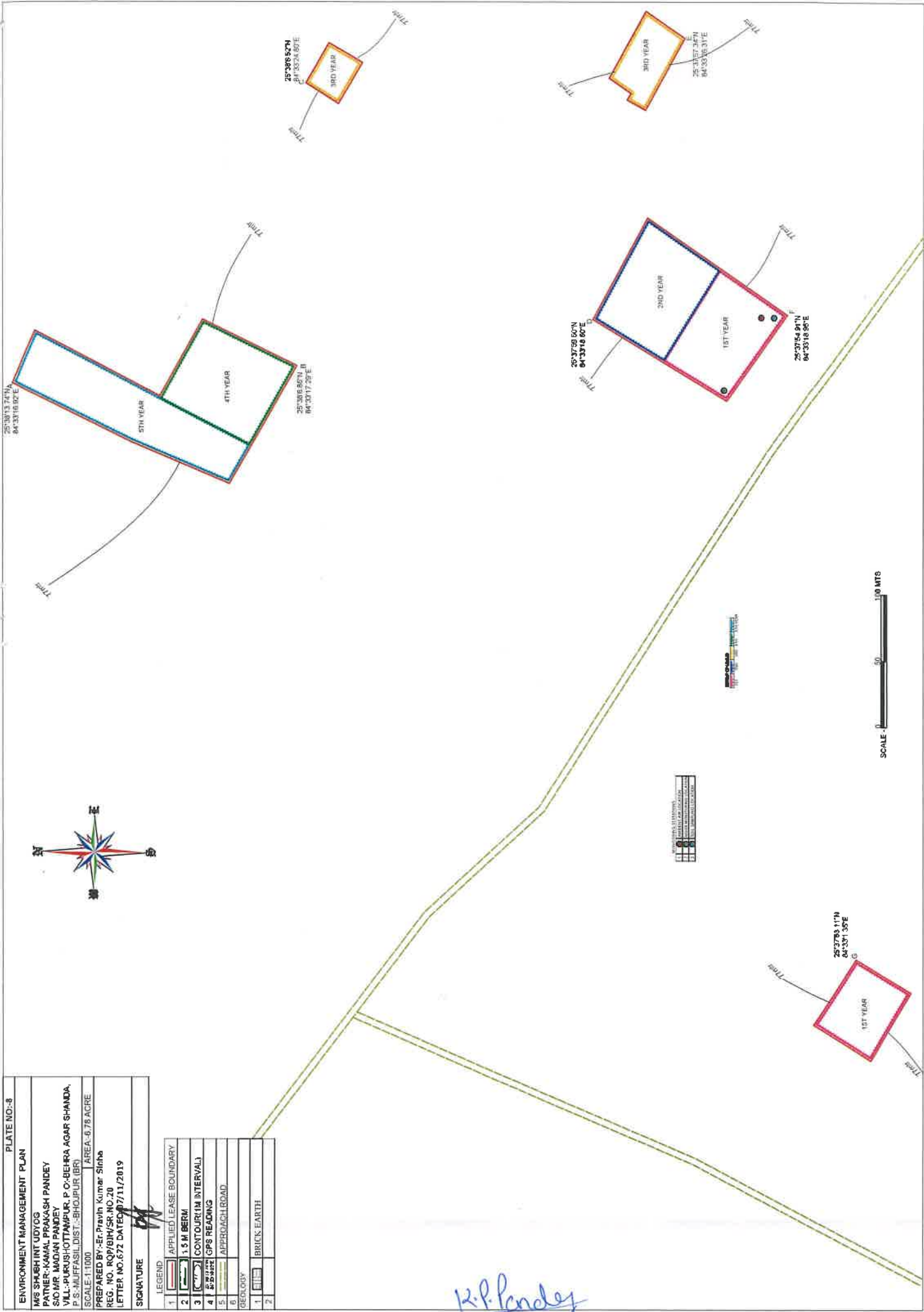
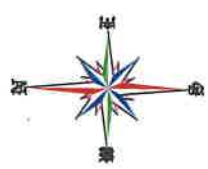


SCALE: 0 50 100 MTS

K.P. Pandey

PLATE NO:-8
 ENVIRONMENT MANAGEMENT PLAN
 MRS SHUBHINT UDYOG
 PATNER:-KAMAL PRAKASH PANDEY
 S/O MR. MADAN PANDEY
 VILL:-PURUSHOTTAMPUR, P.O:-BEHRA AGAR SHANDA,
 P.S.-MULFASIL DIST:-BHOLPUR (BR)
 SCALE:-1:1000 AREA:-6.78 ACRE
 PREPARED BY:-Er.Pravin Kumar Sinha
 REG. NO. RQP/BIH/SR.NO.20
 LETTER NO.672 DATED 07/11/2019
 SIGNATURE *Pravin Kumar Sinha*

LEGEND	
1	APPLIED LEASE BOUNDARY
2	1.5 M BERM
3	CONTOUR (IN INTERVAL)
4	GPS READING
5	APPROACH ROAD
6	BIOLOGY
1	BRICK EARTH
2	



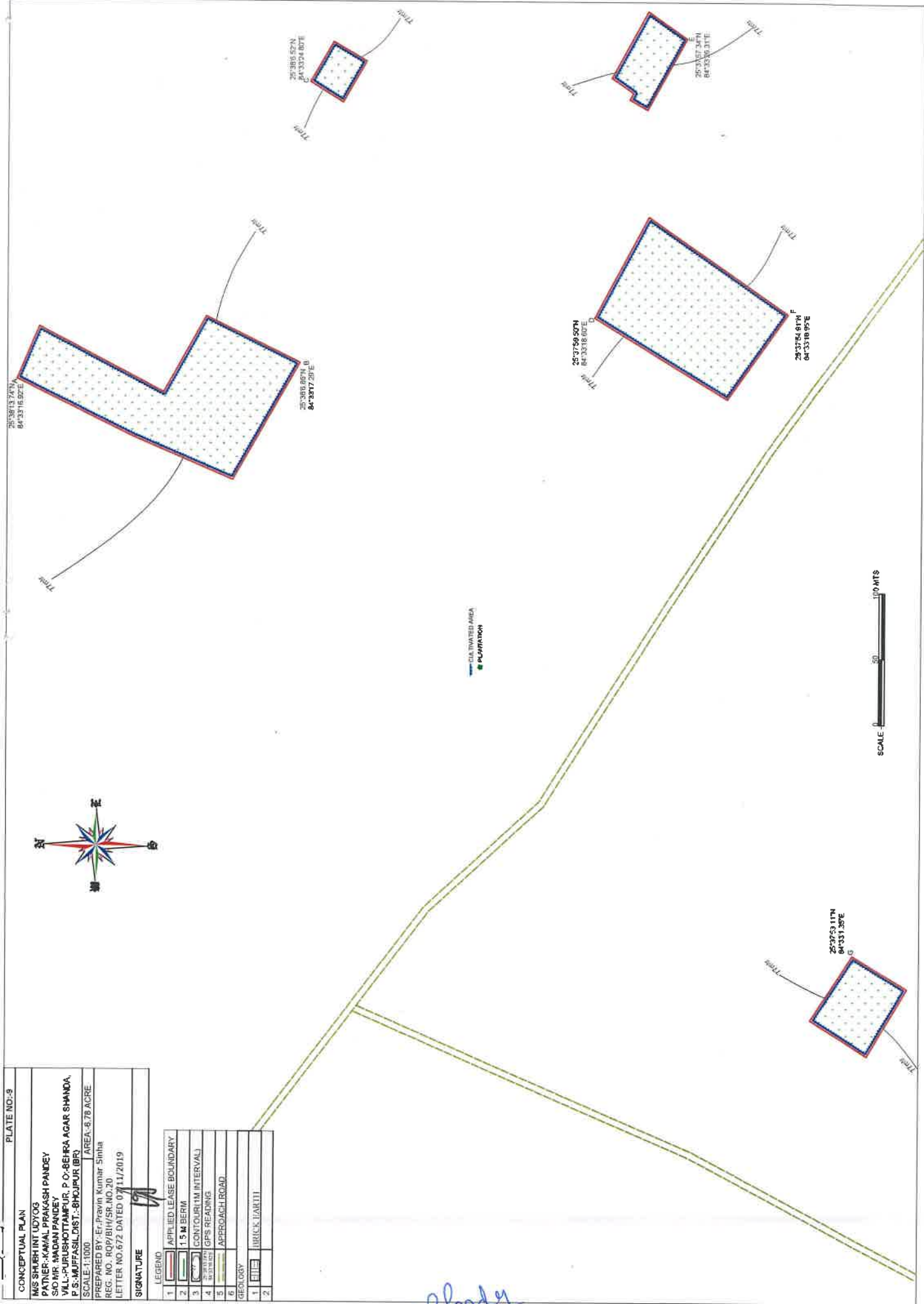
K.P. Pandey

CONCEPTUAL PLAN	
MS SHUBHINT LUYOG PATNER-KAMAL PRAKASH PANDEY S/O MR. MADAN PANDEY VILL.-PURUSHOTTAMPUR, P.O.-BEHRA AGAR SHANDA, P.S.-MUFFASIL DIST.-BHUPUR (BR)	
SCALE: 1:1000	AREA: 6.78 ACRE
PREPARED BY: Er. Pravin Kumar Shaha REG. NO. ROP/BIH/SR.NO.20 LETTER NO.672 DATED 07/11/2019	
SIGNATURE	

LEGEND	
1	APPLIED LEASE BOUNDARY
2	1.5 M BERM
3	CONTOUR (1M INTERVAL)
4	GPS READING
5	APPROACH ROAD
6	GEOSLOPE
1	BRICK TART III
2	



K.P. Pandey



RECLAMATION/REHABILITATION PLAN	
M/S SHUBH INT UDYOG	
PATNER: KAMAL PRAKASH PANDEY	
S/O MR. MADAN PANDEY	
VILL- PURUSHOTTAMPUR, P.O- DEHRA AGAR SHANDA,	
P.S.- MUFFASIL, DIST.- BHOPUR (BR)	
SCALE- 1:1000	AREA- 6.78 ACRE
PREPARED BY- Er. Pravin Kumar Sinha	
REG. NO. RQP/BRH/SR. NO. 20	
LETTER NO. 672 DATED 07/11/2019	

SIGNATURE

LEGEND	
1	APPLIED LEASE BOUNDARY
2	1.5 M BERM
3	CONTOUR (M INTERVAL)
4	GPS READING
5	APPROACH ROAD
6	
GEOLOGY	
1	BRICK EARTH
2	

K.P. Pandey

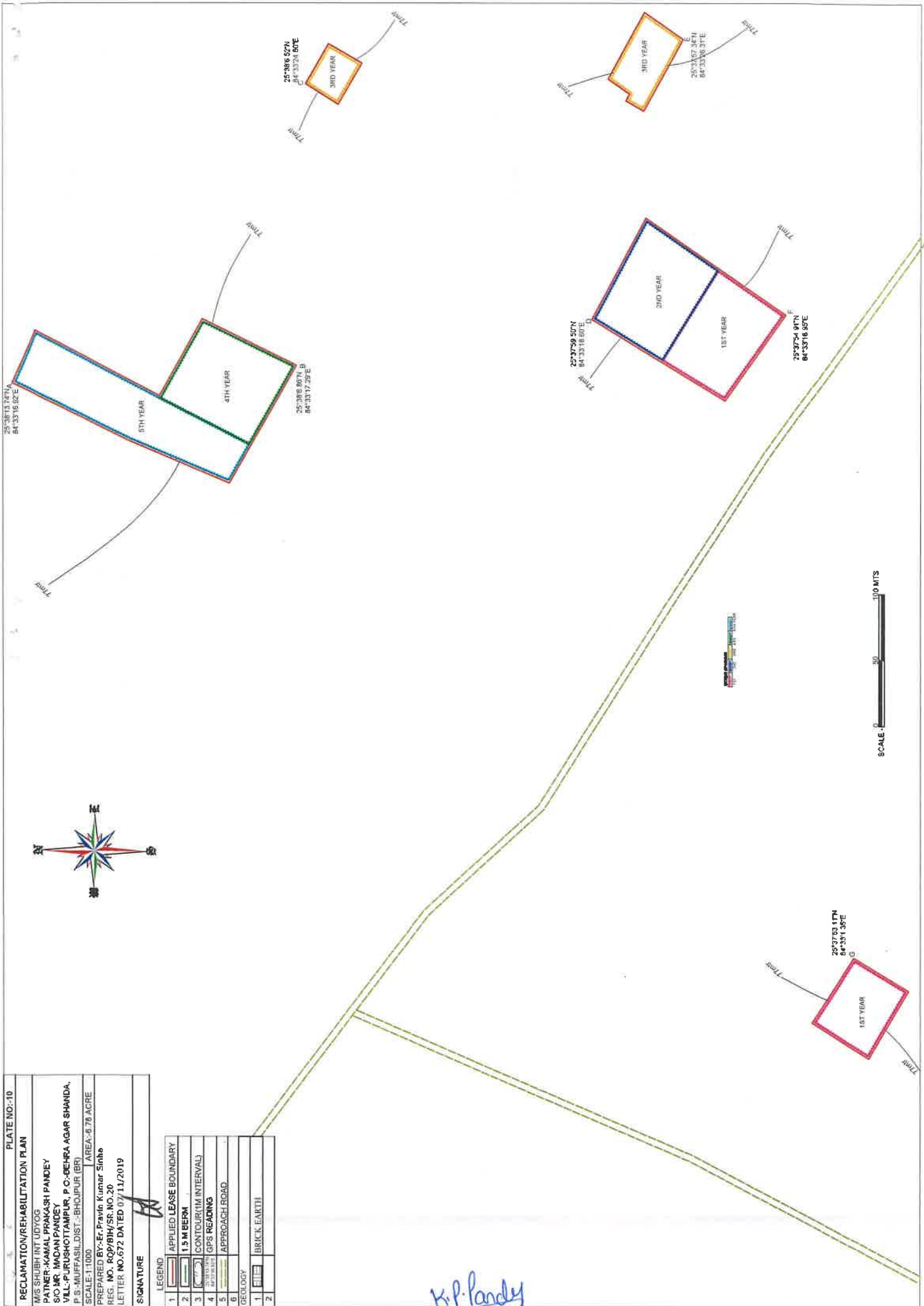


PLATE NO:-11
PROGRESSIVE MINE CLOSURE PLAN
 MRS SHUBHINT UDYOG
 PATNER-KAMAL PRAKASH PANDEY
 S/O MR. MADAN PANDEY
 VILL:-PURUSHOTTAMPUR, P.O:-BEHRA AGAR SHANDA,
 P.S:-MUPFASIL DIST:-SHOJIPUR (BR)
 SCALE:-1:1000 | AREA:-8.78 ACRE
 PREPARED BY:-Er. Pravin Kumar Sinha
 REG. NO. RQP/BIH/SR NO.20
 LETTER NO.672 DATED 07/11/2019

SIGNATURE

LEGEND	
1	APPLIED LEASE BOUNDARY
2	15 M BERM
3	CONTOUR(1M INTERVAL)
4	GPS READING
5	APPROACH ROAD
6	
GEOLOGY	
1	BRICK EARTH
2	

K.P. Pandey

