From **Date:**

M/s. Kisan Brick Field
Shri Kamaluddeen (Partner)
S/o- Mohd. Jaleel
R/o-Village-Kamhariya,
Semari Khan Kot,
Distt.- Siddharthnagar (U.P)

To

The Director & Secretary (SEAC)
Directorate of Environment, Govt of U.P.
Dr. Bhimrao Ambedkar Paryavaran Parisar
Vineet Khand-I, Gomti Nagar
Lucknow-226010, Uttar Pradesh

Subject: Submission of Form-1, Pre-feasibility Report EMP, Risk assessment & approved mining plan for Proposed "Brick Earth Mining" Project at Gata No. 125, 123, 124क, 426, Village: Redawariya, Tehsil: Shoharatgarh, District: Siddharthnagar (U.P.), Total Area: 3.039 Ha.

Dear Sir

With reference to the above mentioned subject, we are hereby submitting **Submission of Form-1, Pre-feasibility Report, EMP, Risk assessment & approved mining plan for Proposed "Brick Earth Mining" Project at Gata No. 125, 123, 124 क, 426, Village: Redawariya, Tehsil: Shoharatgarh, District: Siddharthnagar (U.P.), Total Area: 3.039 Ha**
in prescribed format for kind consideration.

We kindly request you to consider our application for Environmental Clearance at your earliest.

Thanking You

Yours Faithfully

M/s Kisan Brick Field
(**Proponent's Signature)**

APPENDIX I

(See Paragraph 6)

FORM- 1

Basic Information

S. No.	Item	Details
1.	**Name of the project/s**	"Brick Earth Mining" in Village- Redwariya, Gata no- 125,123,124क,426 Tehsil- Shohratgarh, District- Siddhartnagar (U.P) – (Applied Area- 3.039 Ha)
2.	**S. No. in the schedule**	1(a)i
3.	**Proposed capacity/area/length/tonnage to be/ handled / command and area/lease area/number of wells to be drilled.**	Area: 3.039 Ha Proposed Capacity: S. No. / Year / Production (m^3) 1. / 1st / 9846.4 2. / 2nd / 9846.4 3. / 3rd / 9846.4 4. / 4th / 9846.4 5. / 5th / 9846.4 **Total** / **49,232** Total Production**: 49,232**m^3 in five years
4.	**New / Expansion / Modernization**	New
5.	**Existing Capacity / Area etc.**	Not Applicable
6.	**Category of Project i.e. `A' or `B'**	Category B2
7.	**Does it attract the general condition? If yes, please specify**	No, It does not attract general condition
8.	**Does it attract the specific condition? If yes, please specify**	No, it does not attract specific condition
9.	**Location**	
	Plot / Survey / Khasra No.	Gata No. 125,123,124क,426
	Village	Redwariya
	Tehsil	Shohratgarh
	District	Siddhartnagar
	State	Uttar Pradesh
10.	**Nearest railway station / airport along with distance in km.**	**Nearest Railway Station**: Parsa Railway station, 2.0 Km, SE Mahadev Buzurg Halt, 4.5 Km, NW
11.	**Nearest Town, city, District Headquarters along with distance in km.**	Nearest District:, Siddhartnagar, 60 km, SE Nearest City/Town: Shohratgarh, 10 Km SE

S. No.	Item	Details
12.	**Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)**	**Gram Panchayat-** Redwariya **Zila Panchayat** – Shohratgarh
13.	**Name of the applicant**	M/S Kisan Brick Field 1- Shri Kamaluddin (Partner) 2- Shri Israr Ahmed (Partner) 3- Shri Salahuddin (Partner) 4- Shri Talukdar (Partner)
14.	**Registered Address**	Mr. Kamaluddin (Partner) S/o- Mohd. Jaleel R/o-Village-Kamhariya, Semari Khan Kot, Distt.- Siddharthnagar (U.P)
15.	**Address for correspondence :**	
	Name	M/S Kisan Brick Field (Authorized Partners)
	Designation (Owner / Partner / CEO)	Partnership Firm
	Address	Mr. Kamaluddin (Partner) S/o- Mohd. Jaleel R/o-Village-Kamhariya, Semari Khan Kot, Distt.- Siddharthnagar (U.P)
	Pin Code	272192
	E-mail	-
	Telephone No.	-
	Fax No.	None
16.	**Details of alternative sites examined, if any. Location of these sites should be shown on a toposheet**	Not applicable
17.	**Interlinked Projects**	No
18.	**Whether separate application of interlinked project has been submitted?**	No
19.	**If yes, date of submission**	-
20.	**If no, reason**	No
21.	**Whether the proposal involves approval/ clearance under: if yes, details of the same and their status to be given.** **(a) The Forest (Conservation) Act, 1980?**	No Not Applicable Not Applicable

S. No.	Item	Details
	(b) The Wildlife (Protection) Act, 1972? **(c) The C.R.Z Notification, 1991?**	Not Applicable
22.	**Whether there is any Government Order / Policy relevant / relating to the site?**	Not applicable
23.	**Forest land involved (hectares)**	Not applicable
24.	**Whether there is any litigation pending against the project and / or land in which the project is propose to be set up?** **(a) Name of the Court** **(b) Case No.** **(c) Orders/directions of the Court, if any and its relevance with the proposed project.**	No

Activity

1.0 Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies etc.)

S. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data.
1.1	**Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan).**	Yes	The present land-use of the ML Area is private land. The land-use of the mining lease area will be changed due to the mining activities. Mining will be restricted to the allotted area only keeping the berm unaffected, thus does not involve any change in existing topography or land use.
1.2	**Clearance of existing land, vegetation and buildings?**	No	Not Applicable
1.3	**Creation of new land uses?**	Yes	As this is Brick clay mining project no pre-construction activity has been done and proposed.
1.4	**Pre-construction investigations e.g. bore houses, soil testing?**	No	Not Applicable
1.5	**Construction works?**	No	No permanent construction work is required for the proposed activity except

S. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data.
			for temporary rest shelter. All the laborers involved in wining will be from the nearby villages.
1.6	**Demolition works?**	No	No demolition is involved during the project.
1.7	**Temporary sites used for construction works or housing of construction workers**	No	Not Applicable
1.8	**Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations.**	Yes	Mining will be done according to mine plan. The works mainly involve excavation of soil Brick.
1.9	**Underground works including mining or tunneling?**	No	No underground mining activity is proposed. Open cast, Semi-Mechanized mining will be done.
1.10	**Reclamation works?**	Yes	No reclamation work has been proposed as it is an agricultural land.
1.11	**Dredging?**	No	This is a brick soil mining project so dredging is not anticipated.
1.12	**Offshore structures?**	No	Not applicable
1.13	**Production and manufacturing processes?**	No	Total production of 9846.4 m^3/annum is proposed for mining. The project does not involve any manufacturing process.
1.14	**Facilities for storage of goods or materials?**	No	Not Applicable
1.15	**Facilities for treatment or disposal of solid waste or liquid effluents?**	Yes	The entire brick clay will be used for casting of green bricks and no mineral rejects, solid waste will be produced by this activity.
1.16	**Facilities for long term housing of operational workers?**	No	Laborers from nearby areas will be hired hence no need of housing. Temporary site office and rest shelters will be made.
1.17	**New road, rail or sea traffic during construction or operation?**	No	No new rail, road is expected during construction & operation, the existing roads & infrastructure is sufficient for the process.
1.18	**New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?**	No	The existing road facility is adequate for meeting additional traffic intensity during operational phase of mine.

S. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data.
1.19	**Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?**	No	No closure or diversion in existing transportation. The project shall not affect the existing traffic status
1.20	**New or diverted transmission lines or pipelines?**	No	No transmission line or pipeline will be made.
1.21	**Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?**	No	As such there will be no impounding or damming throughout the year excepting monsoon when rain water will be collected in the excavated pits. Water so accumulated water will contribute to base flow.
1.22	**Stream crossings?**	No	No stream crossing through the site.
1.23	**Abstraction or transfers of water form ground or surface waters?**	No	No abstraction of natural flow of water in the form of ground or surface water in the lease area. Working will be done above water table. Water will be met from tanker supply. Potable tankers will be the source of the water.
1.24	**Changes in water bodies or the land surface affecting drainage or run-off?**	No	No changes in the water bodies, drainage or runoff are anticipated.
1.25	**Transport of personnel or materials for construction, operation or decommissioning?**	Yes	The mined materials will be transported tractor trolleys of suitable capacity.
1.26	**Long-term dismantling or decommissioning or restoration works?**	No	Long-term dismantling or decommissioning is not involved. Mined out area will be backfilled and will be reclaimed by afforestation.
1.27	**Ongoing activity during decommissioning which could have an impact on the environment?**	Yes	Closure of the mine will be involved backfilling or reclamation of mined out area leaving behind a smaller pit. Water will be accumulated in the excavated mine out pit area during rains and pits serve as a natural ground water recharging structure.
1.28	**Influx of people to an area in either temporarily or permanently?**	No	It will be a semi-mechanized, open-cast mine and employ will be hired from nearby villages.
1.29	**Introduction of alien species?**	No	Only locally thriving species will be planted.

S. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data.
1.30	**Loss of native species or genetic diversity?**	No	No such loss is anticipated, as the mining area is stony and barren practically devoid of any vegetation.
1.31	**Any other actions?**	No	The activities in the operational phase can be broadly classified into excavation, drilling & blasting and transportation.

2. Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):

S. No.	Information/checklist Confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data
2.1	**Land especially undeveloped or agricultural land (ha)**	No	Mining is proposed in barren area.
2.2	**Water (expected source & competing users) unit: KLD**	No	Total approx. 12 KLD of water shall be required for mining operations, sprinkling, residential and daily visiting workers. The water requirement shall be met through tanker supply.
2.3	**Minerals (MT)**	No	No raw minerals are required for mining operation
2.4	**Construction material – stone, aggregates, sand / soil (expected source – MT)**	No	Not Applicable.
2.5	**Forests and timber (source – MT)**	No	Not Applicable
2.6	**Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)**	No	Electricity connection is not required for the project. Diesel will be outsourced from nearby villages.
2.7	**Any other natural resources (use appropriate standard units)**	No	Not Applicable

3. Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.

S. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data

S. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
3.1	**Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)**	No	No such hazardous substances will be utilized in the mining process. Thus there will be no hazard to human health or environment.
3.2	**Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)**	No	Suitable drainage and waste management measures have been adopted. This restricts stagnation of water or accumulation of water.
3.3	**Affect the welfare of people e.g. by changing living conditions?**	Yes	Mining is proposed in barren land. This project will provide livelihood to the work force during the operation which help in improving the living conditions. Therefore, it is expected that due to this activity benefits will be more than the losses or subside the losses.
3.4	**Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.**	No	As human settlement is not coming under the mine lease area so no vulnerable groups of people will be directly affected by this project.
3.5	**Any other causes**	Yes	Mining Operations mainly contribute to generation of dust i.e. fugitive dust emission. Sufficient measures have been included in Environment Management Plan to mitigate the adverse effect.

4.0 Production of solid wastes during construction or operation or decommissioning (MT/month)

S. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
4.1	**Soil, overburden or mine wastes**	Yes	No waste will be generated during the mining process. The entire material can be used. The top soil up to depth of 20 cm shall be preserved separately.
4.2	**Municipal waste (domestic and or commercial wastes)**	Yes	Domestic and municipal waste, generated by the employees in the rest room, will be collected in bins.

S. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
4.3	**Hazardous wastes (as per Hazardous Waste Management Rules)**	No	There will be no hazard to human health or environment The vehicle used for transportation shall be maintained in good condition, so that no oil leaks take Place during transportation. No hazardous waste will be generated.
4.4	**Other industrial process wastes**	No	There is no industrial process involved in the project.
4.5	**Surplus product**	No	No surplus product will be produced as excavation shall be done as per the demand and will be directly sent to destined places.
4.6	**Sewage sludge or other sludge from effluent treatment**	No	There is no effluent treatment plant in the proposed project.
4.7	**Construction or demolition wastes**	No	No construction or demolition work involved.
4.8	**Redundant machinery or equipment**	No	Not Applicable. All machinery will be on hire basis.
4.9	**Contaminated soils or other materials**	No	Not Applicable
4.10	**Agricultural wastes**	No	Not Applicable
4.11	**Other solid wastes**	No	Not Applicable

5.0 Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr)

S. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
5.1	**Emissions from combustion of fossil fuels from stationary or mobile sources**	Yes	Emissions from transport vehicles are anticipated during operation of the quarry. Emission will be minimized by using only PUC certified & Bharat IV stage vehicles in the mining lease area.
5.2	**Emissions from production processes**	Yes	Fugitive dust will be generated during excavation of soil excavation during mining which will be temporary in nature & for a short duration. Control measures like water sprinkling at regular interval on haul road, plantation, covering the vehicle during transportation and covering the waste reject etc will be adopted

S. No.	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
5.3	**Emissions from materials handling including storage or transport**	Yes	Regular water sprinkling shall be done to minimize dust emission likely to be generated from movement of vehicles and mining activities. Insignificant fugitive dust will be generated during loading and transportation of Soil.
5.4	**Emissions from construction activities including plant and equipment**	No	No construction activity is envisaged. Hence, no emissions are anticipated
5.5	**Dust or odors from handling of materials including construction materials, sewage and waste**	Yes	Water sprinkling and dust collection system will be adopted wherever necessary so that the impact on the environment will be minimal. Waste rejects will be covered to avoid dust emission Handling of construction materials, sewage and waste is not envisaged.
5.6	**Emissions from incineration of waste**	No	No incineration will be done.
5.7	**Emissions from burning of waste in open air (e.g. slash materials, construction debris)**	No	No such activity will take place.
5.8	**Emissions from any other sources**	No	Not Applicable

6.0 Generation of Noise and Vibration, and Emissions of Light and Heat

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data with source of information data
6.1	**From operation of equipment e.g. engines, ventilation plant, crushers**	Yes	Mining method is opencast Semi-mechanized mining method. The noise level will be kept at minimum. The mine site is also away from settlements.
6.2	**From industrial or similar processes**	No	Not Applicable
6.3	**From construction or demolition**	No	Not Applicable
6.4	**From blasting or piling**	Yes	As the mineral is soft in nature so no drilling & blasting is required.
6.5	**From construction or operational traffic**	No	Noise will be generated from vehicular movement during transportation which will

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data with source of information data
			be within prescribed limit.
6.6	**From lighting or cooling systems**	No	No lighting or cooling systems are involved.
6.7	**From any other sources**	No	No other source generates noise & vibration, heat etc.

7.0 Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

S. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data.
7.1	**From handling, storage, use or spillage of hazardous materials**	Yes	There will be no handling, storage, use or spillage of hazardous materials.
7.2	**From discharge of sewage or other effluents to water or the land (expected mode and place of discharge.**	Yes	No effluent generate from the project site.
7.3	**By deposition of pollutants emitted to air into the land or into water**	Yes	Water sprinkling is being done and proper plantation shall be maintained to minimize the environmental impact.
7.4	**From any other sources**	No	Not Applicable
7.5	**Is there a risk of long term buildup of pollutants in the environment from these sources?**	No	Proper management such as water sprinkling shall be done to minimize the impact causes due to dust. There is no risk of long term buildup of pollutants in the environment from the proposed project.

8.0 Risk of accidents during construction or operation of the Project, which could affect human health or the environment

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
8.1	**From explosions, spillages, fires etc. from storage, handling, use or production of hazardous substances**	Yes	No Drilling and Blasting activities are proposed.
8.2	**From any other causes**	Yes	Risk of accidents expected:

S. No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
			1. During loading of minerals into Truck/ tippers-trolley. 2. During transportation. Accidents can be avoided by taking good safety practices. First aid facilities will be provided the site.
8.3	**Could the project be affected by natural disasters causing environmental damage (e.g., floods, earthquakes, landslides, cloudburst etc)?**	No	Seismic zone IV. (http://www.bmtpc.org), having damage risk zone There is no history of flood or cloudburst. Failure in mining benches may occur. However, proper slope shall be maintained to avoid slope failure.

9.0 Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality.

S. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
9.1	**Leads to development of supporting Utilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.:**	No	Not Anticipated
	• Supporting infrastructure (roads, power supply, waste or waste water treatment etc.)	No	Not Applicable
	• Housing development	No	Not Applicable
	• Extractive industries	No	Not Applicable
	• Supply industries	No	Not Applicable
	• Other	No	Not Applicable
9.2	**Lead to after-use of the site, which could have an impact on the environment.**	No	No such impact is envisaged
9.3	**Set a precedent for later developments.**	No	A better after use scenario, which is likely to increase aesthetic beauty of the area by plantation along the

S. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
			approach road.
9.4	**Have cumulative effects due to proximity to other existing or planned projects with similar effects.**	No	There may be cumulative positive impact due to proximity to other existing or planned projects with similar effects.

Environmental Sensitivity:

S. No.	Areas	Name/ Identity	Aerial distance (within 15 Km) Proposed project location boundary
1.	**Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value.**	None	None
2.	**Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests.**	Water Sources: Banganga River	-8.0 km, SE
3.	**Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration.**	None	None
4.	**Inland, coastal, marine or underground waters.**	None	None
5.	**State, National boundaries.**	India- Nepal International boundary	4 km North
6.	**Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas.**	State Highway (SH-1A) Redwariya Siwasi Buzurg Link Road	- 4 km SE - 25 m, South
7.	**Defense installations.**	None	None
8.	**Densely populated or built-up area.**	Redwariya, Kharikaura	-2.0 km, NW -1.4 km, North

S. No.	Areas	Name/ Identity	Aerial distance (within 15 Km) Proposed project location boundary
		Audahi Utaraula	-650 m, SW -1.0 Km, East
9.	**Areas occupied by sensitive man-made land uses *(hospitals, schools, places of worship, community facilities).***	**Education** – School Bohali, Kharikaura Ghousia Madarsa, Utaraula **Hospital**– CHC, Utaraula Hasan Health Centre, Debarua U.P. **Worship**- Shivala, Bohali Shri Hanuman Mandir, Parsa	-1.4 km, NE -2.5 km SE -2.5 Km SE -7 km, SW 1.4 km, NE 5 km, SE
10.	**Areas containing important, high quality or scarce resources. *(ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)***	No	40 mbgl ground water tables is found in the mining lease area. No any other mineral except granite stone is available in near 10 km range. The mining area does not fall in any tourist or any pilgrimage site.
11.	**Areas already subjected to pollution or environmental damage. (*those where existing legal environmental standards are exceeded*)**	No	None
12.	**Areas susceptible to natural hazard which could cause the project to present environmental problems (*earthquakes, subsidence, landslides, erosion, flooding or extreme adverse climatic conditions*)**	The lease area falls under Seismic Zone- IV (Damage Risk Zone), which indicates high possibility of earthquake. *Source: http://www.bmtpc.org*	

(IV) Proposed Terms of Reference for EIA studies: Not Applicable

UNDERTAKING

I hereby given undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance give, if any to the project will be revoked at our risk and cost.

Date: _____

Place: _____

M/s Kisan Brick Field
(Authorized Signatory)
Mr. Kamaluddin (Partner)
S/o- Mohd. Jaleel
R/o-Village-Kamhariya,
Semari Khan Kot,
Distt.- Siddharthnagar (U.P)

Note:

1. The projects involving clearance under coastal Regulation zone Notification, 1991 shall submit with the application a C.R.Z map duly demarcated by one of the authorized agencies, showing the project activities, w.r.t. C.R.Z (at the stage of TOR) and the recommendations of the State coastal zone Management Authority (at the stage of EC). Simultaneous action shall also be taken to obtain the requisite clearance under the provisions of the C.R.Z. Notification, 1991 for the activities to be located in the CRZ.

2. The projects to be located within 10 km of the National parks, sanctuaries, Biosphere Reserves, Migratory corridors of wild Animals, the project proponent shall submit the map duly authenticated

by chief wildlife Warden showing these features vis-a-vis the project location and the recommendations or comments of the Chief Wildlife Warden thereon (at the stage of EC).

3. All correspondence with the Ministry of Environment & Forests including submission of application for TOR/Environmental Clearance, subsequent clarifications, as may be required from time to time, participation in the EAC Meeting on behalf of the project proponent shall be made by the authorized signatory only. The authorized signatory should also submit a document in support of his claim of being an authorized signatory for the specific project.

1. EXECUTIVE SUMMARY:

Application for mining of soil used by M/s Kisan Brick Field, located Gata No. 125, 123, 124क, 426 Village- Redwariya, Tehsil-Shohratgarh District- Siddharthnagar (U.P.) The project has been proposed for an annual production of 49,232 m^3 soil by opencast, semi-mechanized mine of Area- 3.039 Ha, as per the EIA Notification, 2006 and its subsequent amendment. Applicant is seeking prior environmental clearance for mining of minor minerals under category 'B2' for less than and equal to five.

(I) Salient Features of the Project

1	Project Name	Brick Earth Mining
2	Nature of the project	Soil mining
3	Name of Proponent	M/S Kisan Brick Field (Authorized Partners) 1- Shri Kamaluddin (Partner) 2- Shri Israr Ahmed (Partner) 3- Shri Salahuddin (Partner) 4- Shri Talukdar (Partner)
4	Mining Lease Area	3.039 Ha
5	Location of Mine	Village: Redwariya, Tehsil: Shohratgarh, District: Siddharthnagar, State: U.P.
	Gata No.	Gata No. 125,123,124क,426
6	Land type	Private land
7	Topography	Proposed land is agricultural field where top soil will be excavated and preserved for back filling of the land and the rest volume of soil is used for making brick.
8	Proposed production	9846.4 m^3/annum
9	Category of the project	B2
10	Excavation Period	5 Years
11	Lease Detail	The lease area is free from forest land. The land is owned by private land owners & land owners have given their consent for the excavated Soil Brick (Brick making by chimney Bhatta) from their respective land.
12	Mode of mining	Opencast & Semi-Mechanized
13	Drilling/Blasting	No drilling and blasting is proposed
14	Water requirement and Source	12.0 KLD
15	Ultimate depth of Mining	2 m (maximum)
16	Man power	13
17	Total proposed Project Cost	Rs. 12.78 lakhs
18	CER Cost	0.65 lakhs
19	EMP Cost	4.9 Lakhs
20	Operational Days per year	120
21	Total Geological reserves	54,702 m^3
22	Total Mineable reserves	49,232 m^3
23	Plantation	20 trees /year
24	Altitude	The altitude of the area is about 93mRL
25	No. of vehicles movement /day	8-10 trolley

2.0 INTRODUCTION OF THE PROJECT/BACKGROUND INFORMATION

M/s. Kisan Brick Field is proposed for Brick Earth mining at Gata No. 125,123,124क,426 in Village: Redwariya, Tehsil: Shohratgarh, District- Siddharthnagar (U.P.). The total mine lease area of the proposed Brick Earth mining project is over an area of 3.039 Ha. As per EIA Notification 14th September, 2006 & O.M No-L- 11011/ 47/ 2011-IA.II (M) dated 24th June 2013 the proposed project falls under schedule 1(a) & category B-2. As per MoEF Office Memorandum No.L- 11011/ 47/ 2011- IA.II (M) dated 24th June 2013 following conditions shall be followed during the mining activity: The proposed brick clay mining project is an open cast, semi mechanized process which will be carried out with the help of JCB.

- No drilling and blasting is proposed for brick clay mining activity.
- The borrowing/ excavation activity will be restricted upto a maximum depth of 2.0 meter below ground level or upto 2 meter above the ground water table whichever comes first.
- No mining activity will be carried out within 15 meter periphery of any civil structure.
- The breakup of proposed brick clay mine lease area is given as Table No. 1.

Location (Project)		**Gata No.**	**Total Area (Ha.)**
Village	Redwariya	125 123 124क 426 Total	2.4 0.395 0.0740 0.170 3.574 Ha.
Tehsil	Shohratgarh		
District	Siddharthnagar		
State	Uttar pradesh		
GPS Coordinates	27°27'57.05"N & 82°52'03.97"E.	Toposheet No.	63l/15

(I) IDENTIFICATION OF PROJECT

Project Proponent: M/s. Kisan Brick Field -Shri Kamaluddeen (Partner), S/o- Mohd. Jaleel, R/o- Village-Kamhariya, Semari Khan Kot, Distt.- Siddharthnagar (U.P) is a Private Partnership firm. A copy of Certificate of registration and allotment of TIN (09AARFK5132CIZC) is enclosed.

NAME OF THE LESSEE/APPLICANT WITH COMPLETE ADDRESS:
M/S KISAN BRICK FIELD
1-Shri Kamaluddeen (Partner)
2-Shri Israr Ahmed (Partner)
3-Shri Salahuddin (Partner)
4-Shri Talukdar (Partner)

B) STATUS OF LESSEE: Partnership Firm

(ii) Brief Description of Nature of Project

The Lessee applied for mining of Brick earth for making bricks. Mining will be done by open-cast, semi-mechanized method. Proposed production of Brick Earth is 9846.4 cum per annum. Workings will be systematic by forming proper benches. A haul road of gradient maintained 1 in 16 as per MMR 1961. Approach roads are provided up to the workings pit for movements of laborers and vehicles. The mining is proposed as per present situation of the deposit. No drilling and blasting will be done. The haul roads will be provided up to the proposed workings.

(iii) Need for the project and its importance to the Country and or Region

India is the second largest producer of clay fired bricks accounting for more than 10 percent of global production. India is estimated to have more than 1, 00,000 brick kilns, producing about 250 Billion of Brick annually. Employing about 15 million workers and consuming about 35 million Tons of coal. Due to the globalization and new ventures, the requirement for Bricks has been on the rise over the last few years. Bricks are used mainly in construction and infrastructure projects. Its strength and long life makes it suitable for a number of purposes. Mining industry plays an important role in economic sector in India. The region, where the project is situated, mostly dependant on agriculture. The important benefit occurring from the project to the state in the form of royalty to boost the local and regional economy. The development of mining in the area provides direct and indirect employment opportunities, better infrastructural facilities, communication and socio-economic infrastructure.

(iv) Demand and Supply Gap

Bricks are produced in India in small or cottage scale brick kilns and Clamps, operates seasonally. The Raw materials in the brick kilns include soil, coal, paddy husk, wood & locally available agro wastes to some extent. There are large variations in quality of soils available in different parts of the country and also in brick manufacturing process. Brick are good building material for construction activities but Quality of brick differs place to place. Clay brick industry in India uses soil as raw material and slack (small size) coal as fuel.

(v) Imports v/s Indigenous Production

Demand of Bricks in the domestic market is high. In the allotted area, Brick Earth is available in abundant quantity and can be excavated indigenously. Mining of brick earth in allotted area is feasible. It had become a major source of economy in the area/region.

(vi) Export Possibility

There is no possibility of mineral export. Mineral Brick Earth caters the indigenous demand and major consumers are located in nearby areas.

(vii) Domestic/Exports Markets

There is always an increasing demand of Bricks in domestic market.

(viii) Employment generation (Direct & Indirect) due to the project

Due to proposed project of Brick Earth mining in the area, people get employment. The project directly generates the employment for the local people and indirectly for the others. The total manpower requirement for the proposed mining operation will be around 28 persons directly and indirectly.

The requirement of various technical and non-technical personnel is determined while adopting the following norms:

1. The mine will be worked in a single shift in day light hours.
2. In estimating the requirement of competent person, mates, etc. due consideration has been given to the statutory provisions.

<u>Man power requirement and its distribution.</u>

The total manpower requirement in this project is 11 Persons. The mine manager cum mining engineer should a graduate mining engineer holding at least second class manager's certificate.

The manpower is proposed is as under:-

S.No.	Designation	Number
1.	Mine Manager	1
2.	Supervisor	1
3.	Piece rated workers (Un-Skilled)	11
Total		**13**

3.0 PROJECT DESCRIPTION

(i) Type of Project including interlinked and interdependent projects, if any.

The Brick Earth mining project is an interdependent project in which mineral will be supplied to brick kiln for making bricks. For transportation of Brick Earth from proposed site to brick kiln will be by tractor trolley.

(ii) Location (map showing general location, specific location, and Project boundary & project site layout) with coordinates.

The lease area has been marked on the map falls in Village: Redwariya, Tehsil: Shohratgarh, District-Siddharthnagar (U.P.).

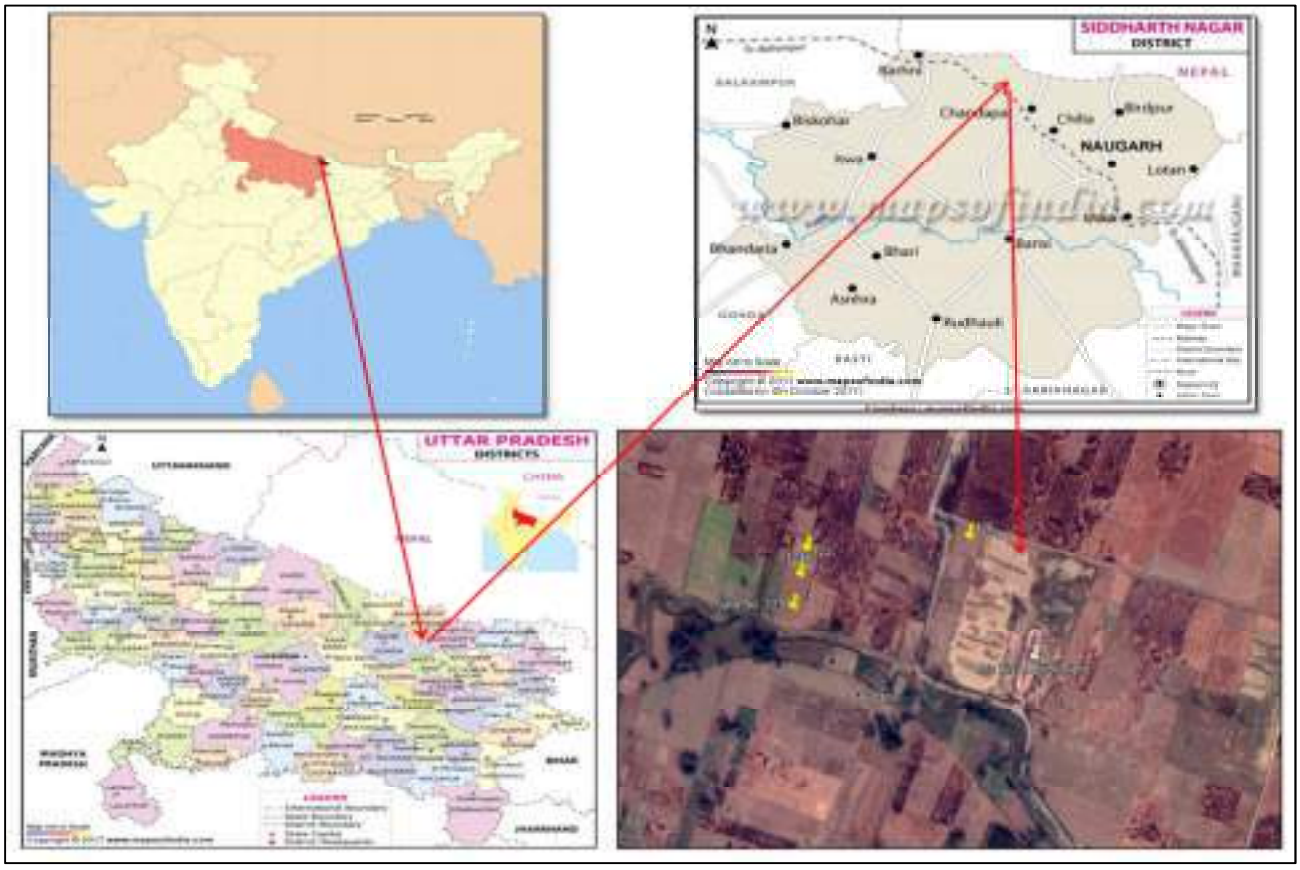

Fig 1: Location Map of the Project Site

Google Map Showing 500 m Radius of the Mine Site

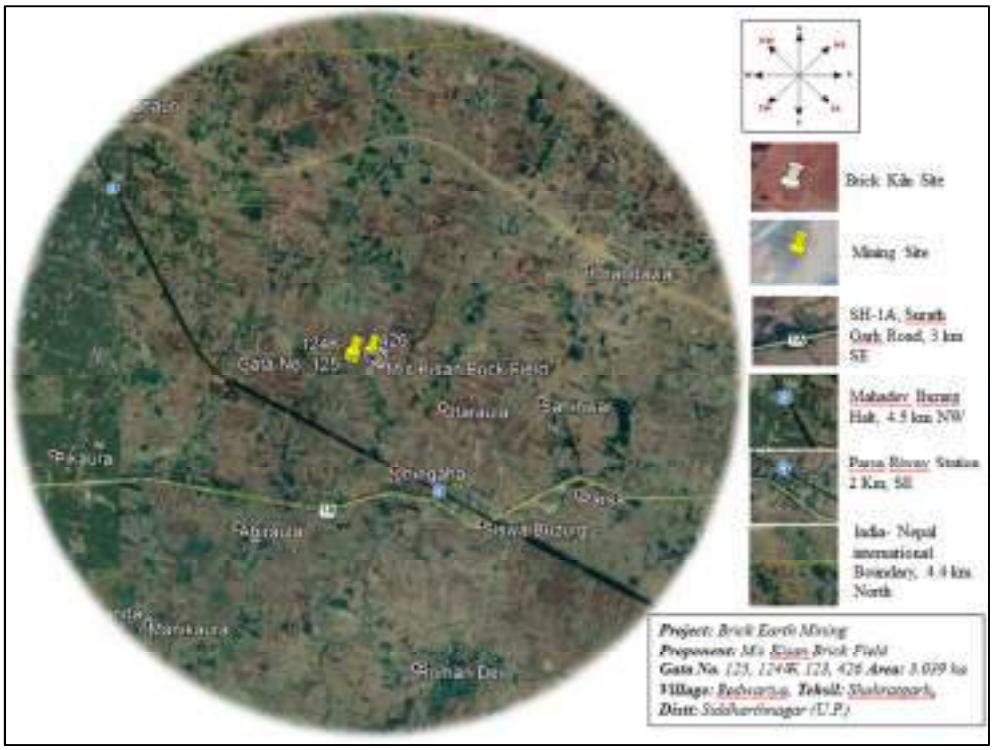

Figure 2: Google Map Showing 5 km Radius of the Project Site

(iii) Details of alternate sites considered and the basis of selecting the proposed site, particularly the environmental considerations should be highlighted.

Mining of mineral is site specific in the allotted area hence no alternate site is examined for mining.

(iv) Size and Magnitude of Operation

Total area of mine lease is 3.039 Ha. The estimated production of Brick Earth is around 9846.4 cum per annum. The brick production involves

- Clay preparation
- Moulding
- Raw bricks drying
- Loading of bricks in chamber
- Firing

METHOD OF ESTIMATION OF RESERVE:

The reserves are calculated by the following formula

- Volume of Soil Brick (Brick making by chimney Bhatta) = excavable area * depth of Mine
- Soil Brick (Brick making by chimney Bhatta) in tones = Volume of Soil Brick * bulk density.

The bulk density of the Soil Brick (Brick making by chimney Bhatta) is 1.2 tonnes per cum.

Probable category reserves = Total around 3.039 hectares area

10% of total area has been considered as barrier zone (Berm). The mineable reserves have been calculated inside the barrier zone.

It is as Soil Brick (Brick making by chimney Bhatta) mining Project. The 20% of total area (including all Gatas) has been considered as a barrier zone and remaining 80% of total Gata has been considered as a mineable zone. The Mineable area is 2.7351 ha & barrier zone is 0.3039 ha. Thus total lease area 3.039 ha.

Table 2: <u>Mineable Reserve</u>

S.r. No.	Gata No.	Total Area (ha)	Area for Berm (ha)	Area for Mining (ha)	Depth as per Agreement (m)	Top Soil (0.20mtr) (cum)	Mineable Quantity of Soil (cum)	Geological Reserves (cum)	Agreement Period
1	125	2.4	0.24	2.16	2	4320	38880	43200	5 Years
2	123	0.395	0.0395	0.3555	2	711	6399	7110	5 Years
3	124 क	0.074	0.0074	0.0666	2	133	1199	1332	5 Years
	426	0.17	0.017	0.153	2	306	2754	3060	5 Years
	Total	**3.039**	**0.3039**	**2.7351**		**5470**	**49232**	**54702**	

Soil Brick (Brick making by chimney Bhatta) in tonnes = Volume x Bulk density.

Brick Soil in Tonnes = **49232** × 1.2

= **59078.4 Tonnes**

Table 3: Yearly Production

Year	ROM Soil Brick (Brick making by chimney Bhatta) (cum)
1st	9846.4
2nd	9846.4
3rd	9846.4
4th	9846.4
5th	9846.4
Total	**49232**

(v) Project Description with Process Details:

This is a Brick Earth mining project. Mining activity will be carried by manual/semi-mechanized, open cast method. The mining will be done with the help of hand tools etc. Considering the national, state and local holidays there will be around 120 working days in a year. The main development work will be the systematic benching. Approach roads will be provided up to the workings for movements of laborers and vehicles. The approach road from surface to bottom will be provided with 1 in16 gradients. For transportation of Brick Earth from excavation site to brick kiln will be by wooden carts and tractor trolley.

- Mining of brick earth will be limited to the plots as mentioned lease agreement only.
- The proposed brick clay mining project is an open cast, semi mechanized process which will be carried out with the help of Excavator.
- No drilling and blasting is proposed for brick clay mining activity.
- The borrowing/ excavation activity will be restricted upto a maximum depth of 2 meter below general ground water level or upto 2 meter above the ground water table whichever comes first.
- No mining activity will be carried out within 15 meters periphery of any civil structure.
- No mining activity will be conducted during the monsoon season.
- In order to void environmental pollution or any accidental hazards, the mining activity will be restricted to day time only.
- The operation will remain manual, using tools like spade, shovel sieve etc.
- The approach road will be smooth and wide.
- Plantation will be done in near the area/ around the area during monsoon.
- Tree guards and separate watering arrangements will be provided.
- The mining is proposed in a safe, systematic and scientific way.
- Maximum quantity of borrowed/excavated brick earth will be used to making bricks in brick kiln. No waste will be generated during the course of mining.
- The small broken pieces are uses for spreading over the kuchcha roads.
- A temporary site is proposed within the applied area in safety zone/berm along lease boundary (about 1.0m width).
- Proper benching will be formed and maintained. Roads will be properly made and regular water sprinkling arrangement for dust suppression.

- Final slope angle or say ultimate pit slope is proposed 45°.
- The time period of will be for 5 years.

(vi) Raw material required along with estimated quantity, likely source, marketing area of final products/s, Mode of transport of raw Material and Finished Product.

No raw material is required during the mining process. The operation involved burrowing/excavation of Brick Earth which is directly transported by tractor trolleys to nearby brick kiln for making Bricks. Proposed production of Brick earth is 9846.4 cum per annum.

(vii) Resource optimization/recycling and reuse envisaged in the project, if any, should be briefly outlined.

In nature, mineral is in finite quantity and once the mineral depleted cannot be replenished. Working will be done systematically to optimum utilizes of mineral. In view point of natural resource conservation, scientific mining practices will be adopted.

(viii) Availability of water its source, energy/power requirement and source should be given.

Total water requirement at mine will be about 12 KLD for drinking & domestic use, dust suppression and plantation. Water will be sourced from bore wells located in nearby villages through tankers.

Water requirement

The total water required, diesel and explosive is approximately 12. KLD the break up with its uses is given below:

Source	Purpose	Detail	Avg. Demand/ Day
Portable Tanker	Drinking & Domestic use	@15Ltr/workers (13 workers x 15)	0.20 KLD
	Dust suppression (Twice a day)	@1 Ltr./Sq.m Haul Road Area =(935 m Length x 6m Width=5610 m^2) = 11220 Lit/day	11.22 KLD
	Land reclamation/plantation	@5Lit/Tree (20 x 5Year) = 100 Tree x 5Lit	0.5 KLD
Total			**11.92 KLD**

(ix) Quantity of wastes to be generated (liquid and solid) and scheme for their management/disposal.

No waste will be generated during the course of mining. So there is no proposal of waste management/disposal. All the material will be used to making bricks.

4.0 SITE ANALYSIS

(i) Connectivity

Project Site is 25 m away from Redwariya –Siwasi Buzurg Link Road & well connected with SH-1A. The Nearest Railway Station is Parsa Railway Station is 2 km, SE from the project site. Project site is

about 2 km from Redwariya Village & 10.0 km from Shohratgarh tehsil. Link road is available for local area. Mine site is well connected with rail and road transport.

Figure 3: Location of Proposed Brick Earth Excavation & Brick Kiln Site

(ii) Land Form, Land use and Land ownership

Total area of lease is 3.039 Ha is leased to M/s. Kisan Brick Field. No forest land is involved in leased out area.

(iii) Topography

Siddharthnagar district is a part of indo- Gangetic plain of north- east India. It is a level with gradual slope from north to south. The middle part is deep in the east area. The district is adjacent to neighboring country, Nepal. It is surrounded by many other districts of Uttar Pradesh, on East by Mahrajganj district, South by Basti and Sant Kabir Nagar districts and in West by Balrampur district. The district occupies an area of 2752 km^2. The district lies between 27°N and 27°28'N latitude and 82°45'E and 83°10'E Longitudes. Due to its location in the Tarai belt, almost every year the district has to witness devastating floods because of heavy rains in the Nepalhills. This has affected the economy of the district badly. Being a flood prone district and lack of proper drainage system many of the blocks viz. Uska Bazaar, Naugarh, Naugarh, Jogia and Naugrah remain mostly water logged.
Source: http://shodhganga.inflibnet.ac.in

(iv) Existing land use pattern (agriculture, non-agriculture, forest, water bodies (including area under CRZ), shortest distances from the periphery of the project to periphery of the forests,

national park, wild life sanctuary, eco sensitive areas, water bodies (distance from the HFL of the river), CRZ. In case of notified industrial area, a copy of the Gazette notification should be industrial area, a copy of the Gazette notification should be given.

There are no eco sensitive areas such as forest, national park, wildlife sanctuary, biosphere reserves and wildlife corridors etc. exist in core zone. Mining will be done in allotted area only. No other land will be disturbed.

Table: Environmental Settings:

S.N.	Particulars	Details
1.	Nearest Densely Populated Villages	Redwariya -2.0 km, NW Kharikaura-1.4 km, North Audahi-650 m, SW Utaraula -1.0 Km, East
2.	Nearest city/ town	Nearest District:, Siddhartnagar, 60 km, SE Nearest City/Town: Shohratgarh, 10 Km SE
3.	Nearest Road Nearest National Highway/ State Highway	Redwariya – Siwasi Buzurg road, 25m, South State Highway (SH-1A), 4km SE
4.	Nearest Railway Station	Parsa Railway Station 2 km, SE
5.	Nearest Airport	Not Available
6.	Nearest Hospital	CHC Utarauli, 2.5 km, SE
7.	Archaeological Important Place	None, within 10 km radius area of Project site.
8.	Ecological Sensitive Areas (National Park, Wildlife Sanctuary, Biosphere Reserve etc.)	There is no National Park, Wild Life Sanctuaries, Biosphere Reserves, Tiger Reserves, Wildlife Corridors, etc. within 10 km radius.
9.	Nearest River / water body	Banganga River: 8.0 km, SE
10.	Seismic Zone	Zone-IV (High Damage Risk Zone)

(v) Existing Infrastructure

The site has no existing infrastructure, except for connecting road for transportation.

(vi) Soil Classification

The soil structure of the district is composed of alluvial soil, the soil brought in by the rivers. The upper belt is called Uparhar and the soil texture is yellowish clay. The basin land of the rivers is mostly sandy soil, and the land adjacent to the rivers is sandy loam. The only mineral of any note found in the district is sand, which is available in sufficient quantity on river banks, and is used in construction works. The district is also noted for its deposits of brick earth.

Source: http://shodhganga.inflibnet.ac.in

(vii) Climatic data from Secondary Sources

The climate of Siddharthnagar district is of marshy in nature, commonly called as Tarai region. The climate is markedly periodic and can be divided into 3 vegetation session.

1. The summer session-15 March to 15 June.
2. The Rainy session-15 June to 30 September.
3. The Winter session– October to 15 March.

Temperature: During the winter seasons the mean minimum temperature is about 9 degree Celsius and means maximum 23 degree Celsius while during the summer seasons the minimum is about 25 degree Celsius and mean maximum is about 44 degree Celsius.
Humidity: In the south-west monsoon and the post monsoon seasons the relative humidity is high, being above 70 percent. Thereafter the humidity decreases and in the summer air is very dry.
Cloudiness: During the monsoon season, and for brief spells of a day or two in association with passing disturbances in winter, heavily clouded or overcast skies prevail. In the rest of the year the skies are mostly clear or lightly clouded.
Winds: Winds are in general very light with a slight increase in force the late summer and monsoon seasons. The average annual wind blow in the district is ranging from 2 to 7.1 km/hrs.
Source: http://shodhganga.inflibnet.ac.in

(viii) Social Infrastructure Available

- Health & educational facilities (in the form of primary and secondary schools) are available in the nearest villages.
- Medical facilities, Primary Health Centre are there in the area.
- Village people are availing drinking water facilities generally from the hand pump, open well and tube well. The water supply is also supplied through tanker in few villages.
- Communication services like post office and telephones are available in the nearby village. Some of the villagers are having mobile phones.

5.0 PLANNING BRIEF

(i) Planning Concept (type of industries, facilities, transportation etc.)Town and country Planning/Development authority Classification

This is a Brick Earth mining project. Facilities includes such as temporary rest shelter, first aid center are proposed in the area. Mining will be done by manual open-cast method. Transportation of mineral shall be done through road by tractor trolleys. Other facilities such as power, transportation and communication, social infrastructure facilities are locally available near project site.

(ii) Population Projection

The project provides employment for most of the workers from nearby areas. Local people from nearby villages will be give preference. Thus there will no chance to increase population due to proposed project of Brick Earth mining in the area.

(iii) Land Use planning (breakup along with green belt etc.). Approximate land use is as following for life of mine.

The soil mining will be carried out on an area of 3.039 Hectare. Green belt will be developed in an area identified by the local gram Panchayat.

(iv) Assessment of Infrastructure Demand (Physical & Social)

The road facility is available which shall be used and properly maintained. Mine have its own approach roads which exist and well connected to state and national highway. The labour will be employed from nearby villages.

(v) Amenities/Facilities

Basic amenities/facilities available in nearby villages and towns such as road, power supply, communication, water supply, medical and health etc. Site is well connected with road and other

infrastructure facilities. Communication facilities such as post office and telecommunication are available in nearby village.

Apart from the above, during operational phases of mining, following facilities shall be provided as:

(i) All the safety norms will be strictly followed.

(ii) Provision of clean drinking water.

(iii) Group insurance scheme for engaged workers.

(iv) First aid facilities.

(v) Periodical medical campaigns for mine workers and nearby villagers.

6.0 PROPOSED INFRASTRUCTURE

(i) Industrial Area (Processing Area)

No industrial or processing area is proposed.

(ii) Resident Area (Non Processing Area)

No residential area is proposed.

(iii) Green Belt

It is proposed to have plantation along the haul roads to provide cover against dust dissemination. Plantation will also be carried out as social forestry programmed in villages schools and the areas allocated by the Panchayat/State Authorities. During plantation, local plant species will give preference or in consultation with local forest officials.

(iv) Social Infrastructure

Proposed project of Brick Earth mining provides employment opportunities in the area/region and this helps to check migration of people of one place to other.

(v) Connectivity (Traffic and transportation Road/Rail/Metro/Waterways etc.)

Project Site is 25 m away from Redwariya-Siwasi buzurg Link Road & well connected with SH-1A. The Nearest Railway Station is Parsa Railway Station is 2.0 km, SEfrom the project site. Project site is about 2km from Village Redwariya, & 10 km from Shohratgarh tehsil. Mine site is well connected with rail and road transport.

(vi) Drinking Water Management (Source & supply of water)

Water required for drinking purpose will be purchased from nearby borewells through tankers. Approx. 0.5 KLD water will be required for drinking and domestic purposes.

(vii) Sewerage System

No sewerage shall be generated from the project area. Domestic waste will be treated into septic tank *via* soak pit.

(viii) Industrial Waste Management

No Industrial waste will be generated from the project.

(ix) Solid Waste Management

No waste will be generated during the course of mining. So no management measures will be required.

(x) Power Requirement

Nearby village's area is well electrified.

7. 0 REHABILITATION & RESETTLEMENT (R&R PLAN) (Policy to adopted (Central/State) in respect of the project affected person including home oustees, land oustee and landless labour (A brief outline to be given).

Human settlement is away from the mine lease area thus no impact will be anticipated on human settlement by mining of Brick Earth. So there is no need of rehabilitation and resettlement plan so far.

8.0 PROJECT SCHEDULE AND COST ESTIMATES

(i) (Likely date of start of construction and likely date of completion (time schedule for the project to be given)

Proposed project will be started after getting Environment Clearance and progressive closure plan will be submitted in due course of time

(ii) Estimated project cost along with analysis in terms of economic viability of the project

The capital cost of project is Rs. 12.83 Lakhs. The profit will depends upon as per actual production obtained from the mine. This may vary due to demand in market.

S. No.	Description	Unit	Total (Rs.)
1.	Laborers charge (Excavation &Loading)	Rs. 400 / day (Man power 13) Assuming 120 days)	**6,24,000**
2.	Personnel Protective Equipment (PPE)	Rs. 1500/workers x 13 = 19,500 Rs. Medicines (Assuming 500/worker): 500/ workers = 500 x 13 = 6500	**26,000**
3.	Equipments/Tools/Machineries	120 days Assuming Rs. 1000/day	**1,20,000**
	Break-up of Expenditure on Environment Protection & Environment Management		
4.	Haulage Road Repair & Maintenance	4 months (Rs. 50,000/month)	**50,000**
5.	Water Sprinkling on Haulage Road for Dust Suppression	Assuming Rs.2000/day for 120 days of working Tanker Cost: Rs. 1000/Tanker Tanker Capacity: 5000 liter, No. of Tankers required: 2	**2,40,000**
6.	Plantation along the road side	Plantation@200/sapling (100 sapling in first Year) Post plantation care @500/day (For 100 Saplings Annually.i.e.365 Days).	**2,02,500**
	Others		
7.	Mine Closure Plan	5000/Ha.	**15,195**
	Total		**Rs. 12,77,695 (12.78 Lakhs)**

Corporate Environment Responsibility

CER (Corporate Environment Responsibility) details for the Project

CER plan is given below:

- Total Cost of the Project = Rs. 12.78Lakhs

Rs. 12.83 Lakhs x 0.05 = Rs. 0.64 Lakhs @ 5% of the total project cost (As Per The G.O.I Notification, File No. 22-65/2017-I A, III dated on 1st May, 2018)

Understanding the need to give back to the society, MoEF & CC has made it mandatory to invest 5% of total project benefit cost in CER activities. In the present case, the project proponent has decided to invest with various activities such as:

- Provision of private or community toilet in the primary school nearby village.
- Distribution of Mosquito nets to the poor peoples of nearby villages.
- Betterment of village Roads
- Medical facilities or checkups in the village.

These activities shall be in consultation with the local authority and shall be need based, so as to provide maximum benefit to the locals.

9.0 ANALYSIS OF PROPOSAL (FINAL RECOMMENDATIONS)

(i) Financial and social benefits with special emphasis on the benefit to the local people including tribal population, if any, in the area.

The Brick Earth mining project is of outmost importance to the area/region for interest of mineral development and improves the socio-economic conditions of the local habitants. Mine will provide direct & indirect employment opportunities .The State Government will get revenue in the form of royalty from selling of mineral, land tax/surface rent; Sales tax/VAT, income tax etc. will be addition. The Brick Earth mining project will stow various social and economic benefits to the local communities of the area. Thus the proposed project of Brick Earth mining will prove beneficial to the area. Environment protection and its preservation is today the major concern all over the world. The environment proves that all the human activities on this earth are interconnected, so much so that an environmental damage in the boundaries of one state has trans-border ramifications. Environmental destruction and pollution has seriously threatened the human life, health and livelihood.

Environment Management Plan

The environment management plan has been developed with a view to bring down the levels of impacts during proposed excavation activities in each of the areas of impact, measures have to be taken to reduce potentially significant adverse impacts and where these are beneficial in nature, such impacts are to be augmented so that the overall adverse impacts are reduced to as low level as possible. Measures to be taken for each of the impact areas are detailed as follows:

IMPACTS AND MITIGATION MEASURES

The pollution potential of the project, its probable impacts on surrounding environment and the proposed mitigation measures for control and abatement of pollution are described below.

AIR ENVIRONMENT

IMPACTS

Although the clay mining does not impose any direct impact on the existing air quality. However, transportation and processing of raw clays into the products could cause atmospheric pollution. In brick earth mining, the source of air pollution is the fugitive dust arises during the excavation, loading and transportation. Loading and unloading of brick clay would be associated with the fugitive dust emission in the areas and villages situated adjacent to road. Another source of air pollution would be running of vehicles. Vehicular emission can pose serious health hazard.

MITIGATION MEASURES

- All trucks/tractor trolleys will be covered by tarpaulin sheet to prevent dust emission.
- Regular water sprinkling shall be done on the haul road.
- Overloading of trucks/tractor trolleys shall be avoided.
- Regular maintenance of the vehicles will be carried out and certified from the concerned authority shall be ensured before deployment of the vehicles.
- The boundary of the working site will be covered to avoid dust dispersion

WATER ENVIRONMENT

IMPACTS

Ground water contamination could be due to the excavation of the mineral at an inadequate depth. Impact on surface water is concerned, during mining, transportation and processing, there are chances of contamination of surface water bodies (pond, well etc. if located nearby) with dust or other means. Due to inadequate facility of waste disposal may lead to surface water contamination.

MITIGATION MEASURES

- The borrowing/excavation activity shall be restricted to a maximum depth of 2 m below general ground level at the site.
- The borrowing/excavation activity shall be restricted to 2 m above the ground water table at the site.
- The borrowing/excavation activity shall not alter the natural drainage pattern of the area.
- Safeguard will be taken against health risk on account of breeding vectors in the water bodies created due to burrowing/excavation of soil by sprinkling of pesticides.
- Laborers would not be allowed to throw trashes in the water bodies.

LAND ENVIRONMENT

IMPACTS

Clay mining is the process of scooping of brick clay that actively supports the agricultural activities of an area. The removal of naturally formed soil from clay particles is really a loss forever of this fertile natural medium. Due to continued and unscientific clay mining, pits of different dimensions are formed in the affected areas. Some of the pits may later be restored to the original level and some of the pits may be converted into water pond. The depths of the pits often reaches >1m (3 ft) or more from the general ground level. The artificial ponds created in random locations due to indiscriminate clay mining may lead to land stability problems in the adjoining areas.

MITIGATION MEASURES

- Top soil (0.2 m) will be scooped first and stored for further reclamation of the mined out areas. Clay/soil mining will be limited to 1.5 m only from the general ground level.
- No foreign material like polythene bags, jute bags, sachets, pouches and useless articles should be allowed to remain/spill on the land or no pits/pockets will be allowed to be filled with such materials.
- Mining will not exceed beyond the extraction depth.
- The borrowed/excavated pit shall be restored by the project proponent for useful purpose(s).
- Appropriate fencing all around the borrowed/excavated pit shall be made to prevent any mishap.
- A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.

NOISE ENVIRONMENT

IMPACTS

As far as noise pollution is concerned, clay mining does not contribute much, except the noise generated from the vehicles that transport raw clays scooped from lands and the products from the clay-based industrial units. Noise level in the working environment is compared with the standard prescribed by Central Pollution Control Board which has been adopted and enforced by the Govt. of India through The Noise Pollution (regulation and Control) Rules, 2000 for Ambient Air w.r.t. Noise.

MITIGATION MEASURES

- Regular maintenance of vehicles shall be ensured.
- Only the vehicles having valid fitness certificate shall be deployed.
- There shall be restriction on vehicular movement during the night time

CONCLUSION: As per the assessment, Feasibility Report & EMP shows that the excavation of Brick Earth from the uneven vacant field is essential to maintain natural drainage pattern & even ground level of the site so the proposed project does not cause any impact on Environment.

Disaster Management & Risk Assessment

INTRODUCTION:

Risk assessment is a process to identify potential hazards, evaluate impacts and suggest mitigations. As part of managing the health and safety of business, we must control the risks in our workplace. To do this we need to think about what might cause harm to people and decide whether we are taking reasonable steps to prevent. Mining operations may be carried to the utmost safety but there is always some element of danger or risk in it. If possible minor accidents shall also be avoided. No disaster is envisaged. If possible a disaster management plan should be envisaged.

Disaster Management:

This may 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.
Brick earth may involve high risk of fire due to brick kiln located nearby the site.

Anticipated Risk and its mitigation measures

Traffic Movement

Accident due to traffic movement may occur

- All transportation within the main working area will be carried out under the direct supervision and control of the management;
- The vehicles must be maintained in good repairs and checked thoroughly at least once a week by a competent person authorized for this purpose by the management
- To avoid dangers while reversing the trackless vehicles, especially at the embankment and tripping points, help of a spotter, appointed for the purpose will be taken.
- A statutory provision of the fence, constant education, training etc will go a long way in reducing the incidence of such accidents.

Excavation

- Warning and appropriate fencing all around the burrowed/excavated pit shall be made to prevent any mishap
- Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies that were created due to excavation of earth.
- A berm of at least 1 m width shall be left from the boundary of adjoining field.

Personnel's

- Workers/labourers shall be provided with facilities for drinking water and sanitation.
- Qualified trained staff will train the workers for occupational safety measures and conduct safety drills to educate them.
- First-aid facilities will be provided to the labourer at the project site.
- A temporary shelter with will be provided in case any miss-happening
- The mining will be restricted during the day time

Restoration of the site

- Top soil from the mining area shall be scrapped, stacked separately, preserved and utilized for the plantation work.
- Overburden or other rejects shall be backfilled into the worked out quarry so far as possible with a view to restore the land to its original use or desired alternate use.
- Alternately, they may be stored separately in the area specified, be properly terraced, stabilized and secured at toe so as to prevent the escape of material that may cause degradation of the surrounding land or silting of water courses.

Occupational Health and Safety Measures

Brick Mining involves the generation of dust due to excavation, loading and transportation of mineral at site, during excavation and loading activity, dust is main pollutant which affects the health of workers and also deteriorates the environmental and climatic conditions which leads to generate the health problems.

The goal of all occupational health and safety programs is to foster a safe work environment.

Following health related problems were identified due to riverbed sand mining operations to the workers:

Sr. No.	**Particulars**	**Impact**	**Personal Protective Equipments**
1.	Sun Light & Fugitive dust	Eye Strain, Headache, Eye Pain, Watering of Eyes, Itching	Protective Goggles will be provided for direct sunlight and fugitive dust
2.	Heat & Head Injury	Heat Exhaustion, Heat Stroke, Brain stroke.	Helmets will be provided.
3.	Exposure to Dust	Respiratory problem	Mask Respirators will be provided.
4.	Foot injury	Foot burn due to heat from brick kiln	Safety foot wears

CATEGORY: OFM

MINING PLAN

WITH

PROGRESSIVE MINE CLOSURE PLAN

(As Per MoEF & CC Notification No.-S.O.141 (E) Dated 15 Jan, 2016 & under Rule 34 of UP Minor Mineral Concession Rule 1963)

For

REDWARIYA SOIL BRICK MINE

VILLAGE- REDWARIYA, TEHSIL- SHOHRATGARH
DISTRICT- SIDDHARTHNAGAR, UTTAR PRADESH
AREA: 3.039ha. FOREST LAND: NIL
AGRICULTURAL LAND: 3.039ha
PLAN PERIOD: 5 YEARS
GATA NO. 125, 123, 124क, 426

PROPONENT

M/S KISAN BRICK FIELD
SHRI KAMALUDDEEN (PARTNER)
S/O- MOHD. JALEEL
R/O-VILLAGE-KAMHARIYA,
SEMARI KHAN KOT,
DISTT.- SIDDHARTHNAGAR (U.P)
SHRI ISRAR AHMED (PARTNER)
SHRI SALAHUDDIN (PARTNER)
SHRI TALUKDAR (PARTNER)

PANKAJ PANDE
RQP/UPDGM/008/2019

PREPARED BY

PANKAJ PANDE
RQP/UPDGM/008/2019
Valid upto: 13th January, 2024

AUTHORISATION LETTER BY THE APPLICANT/PROPONENT

I, Kamaluddeen S/o Mohd. Jaleel (Partner of M/s Kisan brick field.) hereby authorise Shri Pankaj Pande RQP No.RQP/UPDGM/008/2019 to prepare the Mining Plan as per MoEF & CC Notification No.-S.O.141 (E) Dated 15 Jan, 2016 & under Rule 34 of UP Minor Mineral Concession rule 1963 in respect of Redwariya Soil Brick Mine, Plot No.- 125, 123, 124क, 426 over an area of 3.039 situated in Village-Redwariya, Tehsil- Shohratgarh, District-Siddharthnagar(U.P.).

I request to the Director, Directorate of Geology & Mining Lucknow 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

Pankaj Pande

Registration No : RQP/UPDGM/008/2019

Validity : 13.01.2024

Address of RQP

B1/21, Sector-B,

Aliganj, Lucknow-2206024

Phone No : 0522-4011565, Mob. 9415102339,

Fax No : 0522-328900

E mail : pankaj_pande@rocketmail.com,

: sahajsahyog990@gmail.com

Website : www.sahajsahyog.org

Place: Siddharthnagar

Date:

Your's Faithfully

(Kamaluddeen)
Siddharthnagar (U.P)

PANKAJ PANDE
RQP/UPDGM/008/2019

CERTIFICATE

I, Pankaj Pande hereby certify that-

1. Provisions of Mines Act. Rules and Regulations made there under have been observed in the aforesaid Mining plan and wherever specific permissions are required the lessee will approach the Director General of Mines Safety.

2. It is further certified that the aforesaid Mining plan is prepared as per the copies of the records and documents provided by lessee and information given as per discussions held with lessee his representative.

3. It is also certified that the information's furnished in the aforesaid Mining plan are true and correct to the best of my knowledge & belief and in case of default the approval would be withdrawn.

Place: Lucknow

Date:

Name of – RQP Pankaj Pande

Registration No. – RQP/UPDGM/008/2019

Validity- 14-02-2024

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RQP/UPDGM/008/2019

CONTENT

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RQP/UPDGM/008/2019

LIST OF ANNEXURE

S.No.	TITLE	Annexure No.
1.0	Copy of Affidavit along with Khasra Details	1
2.0	Copy of TIN No.	2
3.0	Copy of RQP Certificate	3
4.0	Copy of Khasra Map	4

LIST OF PLATES

S.NO.	LIST OF PLATES	PLATE NO.
1.0	Location Plan	1
2.0	Google Map	2
3.0	Surface & Geological Plan	3
4.0	Development Plan	4

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INTRODUCTION

Proposed area of 3.039hectares, Plot No. 125, 123, 124क, 426 in Village-Redwariya occupied by **M/s *Kisan Brick Field*** situated in Village- Redwariya, Tehsil-Shohratgarh, Distt.-Siddharthnagar (U.P) for Soil Brick (Brick making by chimney Bhatta). Copy of Agreement along with khasra details is enclosed **(Annexure no.1).**

Mining Plan is being submitted as per MoEF & CC Notification No.-S.O.141 (E) Dated 15 Jan, 2016 & under Rule 34 of UP Minor Mineral Concession rule 1963.

After approval of mining plan proponent shall obtain Environment clearance under MoEF & CC Notification No.-S.O.141 (E) Dated 15 Jan, 2016.

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CHAPTER-1

1.0 GENERAL:

A) NAME OF THE LESSEE/APPLICANT WITH COMPLETE ADDRESS:

M/S *KISAN BRICK FIELD*

1- Shri Kamaluddeen (Partner)

S/o- Mohd. Jaleel

R/o-Village-Kamhariya,

Semari Khan Kot,

Distt.- Siddharthnagar (U.P)

2- Shri Israr Ahmed (Partner)

3- Shri Salahuddin (Partner)

4- Shri Talukdar (Partner)

Copy of TIN No. is enclosed **(Annexure no. 2).**

No.- Fax & email address facilities is available with lessee.

B) STATUS OF LESSEE: Partnership Firm

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

Soil brick ((Brick making by chimney Bhatta):

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

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

Pankaj Pande (R.Q.P)

Sahaj Sahyog Consultant Pvt. Ltd.,

B-1/21, Sector-B, Aliganj, Lucknow-226024

Phone: 0522 – 4011565

Mob No: +919415102339

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

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CHAPTER-2

2.0 LOCATION AND ACCESSIBILITY:

(a) Details of area (with location map):	The site is falls in village Redwariya which is about 75.0km km far from Siddharthnagar city. Site is about 300m away from PWD road. The location plan is enclosed as **Plate No. 1.**
District and State:	Siddharthnagar, Uttar Pardesh
Taluka/Tehsil:	Shohratgarh
Village:	Redwariya
Gata No.	125, 123, 124क, 426
	Copy of Khasra Map is enclosed as **Annexure No. 4.**
Lease Area (Hact.):	**3.039hectares**
Whether the area is recorded to be in forest (please specify whether protected, reserved etc.) Ownership/Occupancy:	The lease area is free from forest land. The land is owned by private land owners & land owners have given their consent for the excavated Soil Brick (Brick making by chimney Bhatta) from their respective land.
Existence of public road / railway line, if any nearby and approximate distance:	Sorath Garh road is about 3.0 Km. towards West direction from Village-Redwariya & Nearest Railway Stations is at Mahadeva Buzurghalt & it is about 3.0 km away from project site.
latitude and longitude:	The geological co-ordinate of the site is 27°27'57.05"N & 82°52'03.97"E.

S.r No.	Gata no.	Area (ha)
1	125	2.4
2	123	0.395
3	124क	0.0740
4	426	0.170
Total		**3.039**

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Land use Pattern (Forest agricultural Barren, Barren etc.): The area exhibits agricultural land. The existing land use pattern is given below:

Sr. No.	Land use	Agriculture land (ha)	Forest Land (ha)	Waste Land (ha)	Grazing Land (ha)
1	Mining pits Quarry	-	-	-	-
2	Approach Road	-	-	-	-
3	Water tank	-	-	-	-
4	Human Settlement	-	-	-	-
5	Balance undisturbed land	3.039	-	-	-
	Total	**3.039**	-	-	-

b) Attach a general location map and vicinity map showing area boundaries and existing and proposed routes. It is preferred that the area be marked on a Survey of India topographical map or a cadastral map or forest map as the case may be. However, it none of these are available the area should shown on an accurate sketch map on a scale of 1:50000:

The site is falls in village Redwariya which is about 22.0km km far from Itawa city. Site is about 3.0m away from Sorath Garh road. The location plan is enclosed as **Plate No. 1.**. The location plan is enclosed as **Plate No. 1.** The 5km Google map showing land use is shown in **Plate No.2.**

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CHAPTER-3

3.0 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. No seasonal & perennial drainage exists within the area. The altitude of the area is about 93mRL . Brick Earth is exposed in the area applied for proposed project. No other rock is exposed. No habitation located in the proposed area. No PWD road passes through the area. The topography of lease area is shown in **Plate No. 3.**

GEOLOGY OF THE AREA:

In its general aspect the district is a level plain without any hills it is a part of indo-gangetic plane, the only variations in the surface being caused by the Bad Lands along the streams that drain it. Except in the proximity of the Ghaghra the country slopes gently towards the south-east. Here and there will be found minor depressions of varying depth and extent in which the surface drainage of the interior collects. There are some slightly high lying usar plains.

DETAILS OF EXPLORATION:

a) **Already carried out in the area:** No exploration was carried out with in area.

b) **Proposed to be carried out:**

Soil Brick (Brick making by chimney Bhatta) 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 Soil Brick (Brick making by chimney Bhatta) = exactable area x depth of Mine

Soil Brick (Brick making by chimney Bhatta) in tones = Volume of Soil Brick x bulk density.

The bulk density of the Soil Brick (Brick making by chimney Bhatta) is 1.2 tonnes per cum.

Probable category reserves = Total around 2.861 hectares area

1.5m barrier all along boundary has been considered as barrier zone (Beam). The mineable reserves have been calculated inside the barrier zone.

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Table No. 1.

Mineable Reserves

S.r. No.	Gata No.	Total Area (ha)	Area for Berm (ha)	Area for Mining (ha)	Depth as per Agreement (m)	Top Soil (0.20mtr) (cum)	Mineable Quantity of Soil (cum)	Geological Reserves (cum)	Agreement Period
1	125	2.4	0.24	2.16	2	4320	38880	43200	5 Years
2	123	0.395	0.0395	0.3555	2	711	6399	7110	5 Years
3	124क	0.074	0.0074	0.0666	2	133	1199	1332	5 Years
	426	0.17	0.017	0.153	2	306	2754	3060	5 Years
	Total	**3.039**	**0.3039**	**2.7351**		**5470**	**49232**	**54702**	

Soil Brick (Brick making by chimney Bhatta) in tonnes = Volume x Bulk density.

Brick Soil in Tonnes = **49232** × 1.2

= **59078.4 Tonnes**

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CHAPTER-4

4.0 MINING:

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

Existing Method of mining:

It is a fresh area. Therefore no mining/excavation of Soil Brick (Brick making by chimney Bhatta) was carried out.

b) **Proposed method of mining:**

It shall be open cast manual & semi-mechanized mine. 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.

For transportation of casted bricks from proposed site to kiln, one wheel wooden cart will be utilized.

Preparation of Kuchcha Bricks:

Pasar: The place where Brick Chimney Bhatta is mixed with water moulding.

Mould: Wooden/Iron mould of average 9" x 4.5" 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. There is an important step for making the adobe (Kuchchi brick). The final moisture content of the adope brick remains around 10% to 15%.

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

Year	ROM Soil Brick (Brick making by chimney Bhatta) (cum)
1st	9846.4
2nd	9846.4
3rd	9846.4
4th	9846.4
5th	9846.4
Total	**49232**

d) **Development proposed for the Project of the Plan:**

I st Year:

From the proposed mine site 9846.4 cum per annum earth clay will be excavated from the area for achieving a production of 3938560 bricks.

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IInd Year:

From the proposed mine site 9846.4 cum per annum earth clay will be excavated from the area for achieving a production of 3938560 bricks.

IIIrd Year:

From the proposed mine site 9846.4 cum per annum earth clay will be excavated from the area for achieving a production of 3938560 bricks.

IVth Year:

From the proposed mine site 9846.4 cum per annum earth clay will be excavated from the area for achieving a production of 3938560 bricks.

Vth Year:

From the proposed mine site 9846.4 cum per annum earth clay will be excavated from the area for achieving a production of 3938560 bricks.

CONCEPTUAL PLAN:

a) **Plan period/Conceptual plan:** Conceptual mining plan is necessary to know the ultimate limit if the pit crust when whole reserves will be exhausted. It is also necessary to select the sites for soil stack, the site service, plantation etc. in such a place that this site should not get any disturbance during the life of the mine. Considering the aforesaid aspects the conceptual mining plan is proposed a follows:

b) **The Final slope Angle Adopted**

Considering final slope angle will be 45^0

c) **Ultimate Capacity of Dumps**

The dumps are not required as whole earth is useable.

d) **Stabilization of Dumps**

There will no waste generate in Soil Brick (Brick making by chimney Bhatta) mining. The excavated Soil Brick (Brick making by chimney Bhatta) will be used for filling leveling of land of the second party which is a low land.

e) **Ultimate Pit Limit**

It is as Soil Brick (Brick making by chimney Bhatta) mining Project. The 20% of total area (including all Gatas) has been considered as a barrier zone and remaining 80% of total Gata has been considered as a mineable zone. The Mineable area is 2.7351ha & barrier zone is 0.3039ha. Thus the total area is 3.039hectares.

Reclamation/Rehabilitation:

Not applicable

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4.6 Post Mining Land use:

Not applicable

II **Dump area:**

Not applicable

(f) **Open Cast Mines:**

i) **Describe briefly giving salient features of the mode of working (mechanised, semi mechanised, manual):**

The excavation of Soil Brick (Brick making by chimney Bhatta) on the project will be done manually as well as semi-mechanized. Excavation will be carried out only during the day time.

ii) **Describe briefly the layout of mine working, layout mine faces & sites for disposal of overburden/waste.**

Not applicable.

iii) **Extent of mechanization:** Mining shall be carried out manually with conventional hand tools. No mining machineries shall be required Soil Brick (Brick making by chimney Bhatta) excavation.

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CHAPTER-5 & 6

5.0 BLASTING:

Mining shall be carried out manually with conventional hand tools as well as with deployment of an excavator & its deployment with on hire basis as & when required.

6.0 MINE DRAINAGE:

General ground level in nearby area of project is 93mRL whereas level of ground water table is around 40meters below from general ground level thus ground water table in the area is at around 53mRL. This level fluctuates around 3 meters in dry and wet season. Proposed deepest working will be around 2 meter deep. Thus ground water table will not be affected adversely.

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CHAPTER-7 & 8

7.0 STACKING OF MINERAL REJECTS AND DISPOSAL OF WASTE:

a) **Indicate briefly the nature and quantity of top Soil Brick (Brick making by chimney Bhatta), overburden/waste and mineral rejects likely to be generated during the plan period:**

The Top soil to be generated shall be stacked separately with in barrier zone. Below top soil all quantities of soil to be generated shall be used for making brick.

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

The Top soil to be generated shall be stacked separately with in barrier zone.

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.**

The top soil will be stacked with in barrier zone and all precautions shall be adopted for its stabilization.

8.0 USE OF MINERAL:

Soil Brick (Brick making by chimney Bhatta) would be used for Building, Houses etc. Bricks are made from clay minerals when wet the clay can be shaped & than fired to make floor, walls, & roof tiles as well as house bricks.

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CHAPTER-9

9.0 OTHER:

9a) Site Services

The following site services will be provided:

i) Office
ii) Drinking water shed
iii) Rest shelter
iv) First aid Centre
v) Store

9b) Employment Potential

The mine manager cum mining engineer should a graduate mining engineer holding at least second class manager's certificate.

Thus category-wise employments will be as below:

Mines manager/mining engineer (part time)	:	1
Skilled:		
Supervisor	:	1
Un-skilled:		
Piece rated workers	:	28
Total:		**30**

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CHAPTER-10

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 Brick (Brick making by chimney Bhatta). During plan period 49232 cum of Soil (Brick making by chimney Bhatta) shall be generated and all quantities shall be used for making Brick.

b) **Explain the disposal method for tailing or waste from the processing plant (quantity and quality of taqilings 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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CHAPTER-11

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	Approach Road	-	-	-	-
3	Water tank	-	-	-	-
4	Human Settlement	-	-	-	-
5	Balance undisturbed land	3.039			
	Total	**3.039**	-	-	-

(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 40m below general ground level.

(III) Climatic Conditions:

The district lies in the plains of the State, and hence its climatic conditions are quite similar to the average climatic condition of the plains. Hot to very hot in summers, cold to quite cold during winters and humid to very humid and sultry during rainy season. Most of the rain occurs from June to September and often in November to January. The winter sets in November and continues till February end.

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

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

(V) 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 plan period.

Not applicable.

(c) Attach an Environmental Management Plant 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 utilization top Soil Brick (Brick making by chimney Bhatta):**

Therefore no proposal has been given for its temporary storage.

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Programme of afforestation year wise for the initial plan period indicating number of plants with name of species, afforested under different areas in Ha.

Programme of Afforestation:

Not applicable.

4. **Stabilisation and vegetation of dumps along with interburden dumps management year wise for initial plan period:**

The entire lease area is Soil Brick (Brick making by chimney Bhatta) cover an all quantities of Soil Brick (Brick making by chimney Bhatta) to be generated shall be used only for leveling and filling of land of the second party which is a low land.

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 Brick (Brick making by chimney Bhatta) 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. **Measures for mining adverse effects on water regime:**

It has already been stated that mining will not interfere with the surface and underground water however to take care of eventualities.

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

The soil shall be excavated manually with conventional hand tool & as well as with deployment of an excavator amount of movement of tractor trolleys. The impact on this aspect is negligible.

9. **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 dhaba walas etc.

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1.0 PROGRESSIVE MINE CLOSURE PLAN

1. **Introduction:**

a) **Name of Lessee/Applicant:** **M/S *KISAN BRICK FIELD***

1- Shri Kamaluddeen (Partner)
S/o- Mohd. Jaleel
R/o-Village-Kamhariya,
Semari Khan Kot,
Distt.- Siddharthnagar (U.P)

2- Shri Israr Ahmed (Partner)

3- Shri Salahuddin (Partner)

4- Shri Talukdar (Partner)

b) **Status of Lessee:** Partnership Firm

c) **Location:** The site is falls in village Bhelauha which is about 22.0km km far from Itawa city. Sorath Garh road is about 3.0 Km. towards West direction from Village-Redwariya. The location plan is enclosed as **Plate No. 1**

d) **Extent of Lease area:** **3.039**

e) **Type of lease area:** The land applied for mining lease agricultural land.

f) **Land use Pattern:** It falls under agricultural land. The existing land use pattern is given below:

Sr. No.	Land use	Agriculture land (ha)	Forest Land (ha)	Waste Land (ha)	Grazing Land (ha)
1	Mining pits Quarry	-	-	-	-
2	Approach Road	-	-	-	-
3	Water tank	-	-	-	-
4	Human Settlement	-	-	-	-
5	Chimney	-			
6	Balance undisturbed land	3.039	-	-	-
	Total	**3.039**	-	-	-

i) **Method of mining and mineral processing:**

It is a fresh area. Therefore no mining/excavation of Soil Brick (Brick making by chimney Bhatta) was carried out.

1.1 **Reasons for Closure:**

It is an existing mining lease presently no specific reasons have been observed for the closure of mining operation. The mining plan is being submitted as per MoEF & CC Notification No.-S.O.141 (E) Dated 15 Jan, 2016 & under Rule 34 of UP Minor Mineral Concession rule 1963.

PANKAJ PANDE
ROP/UPDGM/005/2019

1.2 **Statutory Obligations:**

No statutory obligations have been imposed by any Govt. agency.

1.3 **Closure plan preparation:**

a). **Name and address of the Lessee/Applicant:**

M/S KISAN BRICK FIELD

1- Shri Kamaluddeen (Partner)

S/o- Mohd. Jaleel

R/o-Village-Kamhariya,

Semari Khan Kot,

Distt.- Siddharthnagar (U.P)

2- Shri Israr Ahmed (Partner)

3- Shri Salahuddin (Partner)

4- Shri Talukdar (Partner)

No telephone, Fax & email address facilities is available with lessee.

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

Mr. Pankaj Pande

Sahaj Sahyog Consultants (P) Ltd.,

B-1/21, Sec.-B, Aliganj, Lucknow-24

Phone No. 9415102339, 0522-4011565(O)

Registration No. RQP/UPDGM/008/2019

Valid upto : 13.01.2024

c). **Name of the executing agency:**

The lessee himself shall execute the provisions of mine closure plan. Presently no decision has been taken in this regard to closure of mine. Therefore copy of resolution of the executing agency has not been given.

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RQP/UPDGM/008/2019

2.0 Mine Description:

2.1. Geology:

PHYSIOGRAPHY:

The proposed area is almost flat. No seasonal & perennial drainage exists within the area. The altitude of the area is about 93mRL. Brick Earth is exposed in the area applied for proposed project. No other rock is exposed. No habitation located in the proposed area. No PWD road passes through the area. The topography of lease area is shown in **Plate No. 3.**

2.2. Mining Method:

It shall be open cast manual & semi-mechanized mine. 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.

2.3. Mineral Beneficiation:

No mineral beneficiation will be under taken for next five years. The Soil produced from mine shall be transported to chimney for making bricks.

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

Mining plan of the area under reference is yet to be approved; it is therefore premature to make any comments about review of implementation.

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4.0 Closure Plan:

4.1 Mined out land:

The mining has been proposed from top to downward. Mining faces will advance from west to east direction.

4.2. Water Quality Management:

No surface or ground water bodies exists within the area. The mining is being carried out in upper levels. The problem of ground water pumping will not be there. Only rain water will have to be channelised in such a way it does not carry suspension to natural streams. However water quality monitoring shall be carried out periodically from MP Pollution Control Board or from any NABL laboratory.

However, proposal have been furnished for the protection of siltation, sedimentation etc. during heavy showers. Before commencement of mining operation the mined out area shall be backfilled/reclaimed and put is use for agriculture land. Therefore no water shall be accumulated in the pit.

Hydro geological Study: In general, the ground water occurs at depth of around 40m below the ground level. Water bearing formation in the area is characterized by multilayered confined & unconfined aquifer & is controlled by lithology mainly sand, silt & clay. Hydro geological studies of the area has not been carried out.

The water balance Chart: The mining operations do not require water, except watering the planted areas and for the workforce employed at the mine site.

For these purpose approximately 3 KL water/ day will be consumed at the area.

4.3 Air Quality Management:

Though, no air sample for ascertaining the air quality has been drawn. But it can be well understood that air quality of the region can be considered normal, because the region not consist any industry to pollute the air. However air monitoring shall be carried out once in a season during dry spell of months to assess the air quality with in the area.

It has already been explained that mining shall be carried out manually with limited account of drilling and blasting. One of the most crucial elements for air pollution is vehicular transport. Due limited movement tippers, air quality will not undergo any significant change. It is proposal that water sprinkling on approach road shall be carried out two times a day during dry spell of months to suppress the dust during vehicular movement.

No chemical or toxic effluents are made/discharged in the area during mining operations. Therefore, question of air pollution does not arise.

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RQP/UPDGM/009/2019

4.4 Waste Management:

No waste shall be generated during course of mining. All quantities of soil shall be used for making bricks therefore no such proposal has been envisaged for waste dump management.

4.5 Top Soil Management:

All quantities of top soil to be generated shall be used for making bricks. Therefore no proposal of top soil management has been envisaged.

4.6 Tailing Dam Management:

Neither any chemical or toxic effluents will be discharged from the mine nor will any toxic substances be utilized in the mining or allied activities. Therefore there is no question of tailing dam management.

4.7. Infrastructure:

No infrastructure facilities like aerial ropeway, conveyor belts, power line, water treatment plant, transport & water supply sources are present within the lease area. Therefore no utilization & their physical stability & maintenance will be required. Also no infrastructure facilities like electric transmission, telephone line, water pipe line, sewer line, gas pipe line, electrical cables, culvert, and bridges do not exist within the applied area. So question does not arise for their restoration. The approach road passed within the lease area & lessee shall maintain it during PMCP period.

4.8. Disposal of Mining Machinery:

It will be an opencast manual mine without adoption of drilling & blasting. The broken pieces of tools will be disposed off. This is existing mine and mining is being carried out without deployment of any kind of machineries. Therefore there is no question of disposal of mining machineries at this stage.

4.9. Safety and Security:

The haul roads will be provided to open the mining faces. The maintenance of haul roads will be under taken periodically. Following provisions will be made.

i) Helmets to all workers will be provided.

ii) Disposable respirators, will be provided to all those working in dusty area where dust concentration is very height.

iii) One pair of safety shoes will be provided to all the workers.

iv) Safety belts will be provided to all those working at height.

v) Warming boards & working hours shall be displaced at conspicuous places.

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RQP/UPDGM/008/2019

vi) There will be one opening entry of mine which will have a manual gate & barricade under supervision of one chowkidar.

An experience permit manager/Mines Foreman will be employed for the supervision of mining operation.

vii) The mining area shall be property fenced to avoid any inadvertent entry of any live stock.

During opencast working, all the precautions are to be observed as per Reg. 106 of MMR, 1961 for safety and security.

4.10. Disaster Management and Risk Assessment:

Maximum depth of working has been concentrated 2.0m (average) and after reaching maximum depth the mined out pit shall be backfilled/reclaimed. No causes of disaster have been apprehended during mining activity, but possibility of disaster cannot be ruled out. Therefore all the statutory precautions shall be undertaken into account as per mines Act. 1952, mines rules 1955, MMR 1961 and MCDR 1988.

Disaster Management plan is a comprehensive and structured system for ensuring the prevention of risks / disasters involved. The principles used to priorities work are as follows.

- Priority must be given to human safety and health, where it is seriously threatened.
- Acute problems must be addressed before long-term problems.
- Measures affecting a large population must be given priority over measures benefiting a smaller number of people.

4.11 Care and Maintenance during Temporary Discontinuance:

At the time of temporary discontinuance of mine, notice the office of Directorate General of Mine Safety as well to District administration. All precautionary steps shall be taken into account in respect of care & maintenance.

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RQP/UPDGM/008/2010

5.0 Economic Repercussions of Closure of mine and manpower retrenchments:

5.1. About 90 percent local residents were employed in the mine. The present occupation is mostly forming. There is not going to be affected due to their employment in the mine. They can change over to their present jobs after cessation of the mining operation.

5.2. As per industrial & disputes (Amendments) Act 1976 & also based on further amendments in the year 1984, the following issued are to be considered while closure of any establishment. The provisions of this act are applicable to all industrial establishments employing 100 or more workmen. Therefore the same will be applicable to the mine when more than 100 person are employed.

Total numbers of persons employed in the mine shall be 109, therefore no retrenchment/ compensation is envisaged.

5.3. Not applicable

5.4. Mining is not going to effect.

5.5. Mine site does not process facilities & infrastructure (i.e. power, water supply etc. on the expectation of society. Besides it mine site is not a centre for community development. Therefore the envisaged repercussions on the expectations of society are out of question.

The repercussion seen due to mine closure is that employees may become unemployed. However there basic occupation will not affect due to mining & hence the question of repercussion not expected at this stage.

6.0 Certificate:

Given separately & enclosed.

7.0 Plan & Sections:

All the plans are enclosed.

Date:

Place: Lucknow

PANKAJ PANDE
RQP/UPDGM/008/2019

Government of India

Form GST REG-06

[See Rule 10(1)]

Registration Certificate

Registration Number: 09AAICK5132C1ZC

1.	Legal Name	KISAN BRICK FIELD			
2.	Trade Name, if any	KISAN BRICK FIELD			
3.	Constitution of Business	Partnership			
4.	Address of Principal Place of Business	REDAWARIYA, REDAWARIYA, SHOHRATGARH, SHOHRATGARH, Siddharth Nagar, Uttar Pradesh, 272205			
5.	Date of Liability	22/07/2017			
6.	Period of Validity	From	27/07/2017	To	NA
7.	Type of Registration	Regular			
8.	Particulars of Approving Authority				
	Signature				
	Name				
	Designation				
	Jurisdictional Office				
9.	Date of issue of Certificate	27/07/2017			

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 deemed approval of the application for registration

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Annexure A

GSTIN [illegible]

Legal Name [illegible]

Trade Name, if any [illegible]

Details of Additional Places of Business

Total Number of Additional Places of Business in the State 0

PANKAJ PANDE
RQP/UPDGM/008/2019

GSTIN	[illegible]
Legal Name	[illegible]
Trade Name	[illegible]

Details of [illegible] **Authorised Partners**

1	Name	[illegible]
	Designation/Status	[illegible]
	Resident of State	Uttar Pradesh
2	Name	ISRAR AHMAD
	Designation/Status	PARTNER
	Resident of State	Uttar Pradesh
3	Name	SALAHUDDIN
	Designation/Status	PARTNER
	Resident of State	Uttar Pradesh
4	Name	KAMALUDDEEN
	Designation/Status	PARTNER
	Resident of State	Uttar Pradesh

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RQP/UPDGM/008/2019

कोषागार प्रपत्र–20[illegible]

[illegible]

धनराशि जमा करने का चालान फार्म

[illegible] कोषागार / बैंक का नाम व पता .... भारतीय स्टेट बैंक शाखा–नौगढ़

[illegible] नाम से धनराशि जमा की जा रही है उसका नाम .... [illegible] तहसील–शोहरतगढ़ जनपद–सिद्धार्थनगर

[illegible]

[illegible] जमा की जा रही धनराशि का पूर्ण विवरण [illegible] अन्तर्गत किस हेतु जमा की जा रही है .... [illegible] के अन्तर्गत वर्ष 2018–19 (01.10.2018 से 30.09.2019 तक) मे जमा रायल्टी [illegible] की संख्या 19

[illegible] चालान में जमा की राशि .... [illegible] मिट्टी रायल्टी का रायल्टी रुपया 89100–00
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[illegible] लेखाशीर्षक का पूर्ण विवरण / लेखा शीर्षक की मुहर .... 0853– अलौह खनन धातुकर्म
800– खनिज रियायत शुल्क किराया और स्वत्व शुल्क
01– खनिज रियायत शुल्क और स्वत्व शुल्क

[illegible] लेखाशीर्षक का 13 डिजिट कोड

मुख्य लेखाशीर्षक	उप मुख्यशीर्षक	लघु शीर्षक	उप शीर्षक	व्यौरेवार शीर्षक	धनराशि अंकों में
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[illegible] की पुष्टि करने वाले विभागीय अधिकारी के हस्ताक्षर मुहर सहित

जमा कर्ता का नाम व हस्ताक्षर

केवल उप कोषागार / बैंक के प्रयोगार्थ

[illegible] .... अंकों में रुपये

दिनांक .... शब्दों में रुपया

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प्राप्त किया

उपकोषागार / बैंक की मुहर सहित

PANKAJ PANDE
RQP/UPDGM/008/2019

जिला पंचायत / क्षेत्र पंचायत प्रपत्र-5
(नियम 41 देखिए)

जिला पंचायत / जिले के नाम सहित क्षेत्र पंचायत
के नाम का खड़ा भरम

बही सं० C 645 रसीद सं० 82

रसीद के अनुसार भुगतानकर्ता का नाम

रसीद के अनुसार जिससे वसूल की गई धनराशि

रसीद के अनुसार किस मद में वसूल की गई

रसीद के अनुसार कर संग्रहकर्ता का नाम जिसने

धनराशि वसूल की

इस भुगतान का प्रभार करने वाले

अधिकारी का नाम तथा पद नाम

ला पंचायत/क्षेत्र पंचायत प्रपत्र-5
(नियम 41 देखिये)

रसीद सं0 81

...धनराशि (शब्दों में)

...के पूर्ण/आंशिक भुगतान

...की गई जाती हुई।

मुख्य अधिकारी/खण्ड विकास अधिकारी

कर समाहर्ता (जिला कलेक्टर)

जिला पंचायत/जिले के नाम सहित क्षेत्र पंचायत

के नाम का रबड़ स्टाम्प

बही सं0 C 655 रसीद सं0 81

रसीद के अनुसार भुगतानकर्ता का नाम ....

रसीद के अनुसार धनराशि वसूल की गई धनराशि ....

रसीद के अनुसार किस मद वसूल की गई ....

रसीद के अनुसार कर उगाहर्ता का नाम लिखिये ....

धनराशि वसूल की ....

पुनः कूपन को जमा करने वाले

अधिकारी का नाम तथा पद नाम ....

कूपन जमा करने का दिनांक ....

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ROP/UP/DGM/008/2019

CANCELLED

Rs 100

INDIA NON JUDICIAL

उत्तर प्रदेश UTTAR PRADESH

शपथपत्र/इकरारनामा (मिट्टी) खुदाई वास्ते ईंट भट्ठा

अनवर अहमद पुत्र इश्तियाक अहमद सा0 रेडवरिया तप्पा देवकली पोस्ट महादेव बुजुर्ग परगना नौगढ़ तहसील शोहरतगढ़ जिला सिद्धार्थनगर।

प्रथम पक्ष

कमरुद्दीन पुत्र मो0 जलील सा0 कल्हिरिया तप्पा खानकोट पोस्ट सेमरीहवा कौड़ परगना बांसी पश्चिम तहसील इटवा जिला सिद्धार्थनगर।

द्वितीय पक्ष

प्रथम पक्ष ने मिट्टी खुदाई करने के लिए द्वितीय पक्ष को जमीन निम्न शर्तों पर दिया–

1. यह कि मैं अनवर अहमद पुत्र इश्तियाक अहमद सा0 रेडवरिया तप्पा देवकली पोस्ट महादेव बुजुर्ग तहसील शोहरतगढ़ जिला सिद्धार्थनगर के गाटा सं0 125/2.4000, गाटा सं0 123/0.398हे0 व गाटा सं0 124क/0.0740हे0 वो गाटा सं0 426/0.170हे0 का मालिक व काबिज है।
2. यह कि मैं उपरोक्त गाटा सं0 125/2.4000, गाटा सं0 123/0.398हे0 व गाटा सं0 124क/0.0740हे0 वो गाटा सं0 426/0.170हे0 मद्दे में मिट्टी खुदाई हेतु दिनांक 19-01-2019 से 19-01-2024 तक 05 वर्ष के लिए द्वितीय पक्ष को देने के लिए सहमत हूँ।
3. यह कि द्वितीय पक्ष प्रथम पक्ष के उपरोक्त गाटा सं0 125, 124क, 426 में 02 मीटर गहराई तक मिट्टी खुदाई कर सकेगा।
4. यह कि द्वितीय पक्ष मिट्टी खुदाई के एवज में प्रथम पक्ष को रुपया 10,000/-(दस हजार) प्रति बीघा की दर से मवल्ग रुपया [illegible] एक साल प्रथम पक्ष का [illegible] करेगा।
5. [illegible] नाजायज [illegible] के पूर्ण होशोहवास में समक्ष गवाहान लिख दिया कि प्रमाण रहे और समय पर काम आवे।

प्रथम पक्ष

द्वितीय पक्ष

दिनांक

PANKAJ PANDE
RQP/UPDGM/008/2019

उद्धरण खतौनी

उद्धरण क्रमांक : 17560/[illegible]

ग्राम कोड : 175997 | ग्राम का नाम / परगना : [illegible] | तहसील : [illegible] | जनपद : सिद्धार्थनगर | फसली वर्ष : 1426-1431 | भाग : 1

खाता खतौनी क्रम संख्या	खातेदार का नाम / पिता पति संरक्षक का नाम / निवास स्थान	खसरा गाटा	प्रत्येक गाटे का क्षेत्रफल	प्रत्येक गाटे का क्षेत्रफल (हे.)	खातेदार द्वारा देय लगान	परिवर्तन सम्बन्धी आदेश का उल्लेख, दिनांक सहित और आदेश देने वाले अधिकारी का पद	टिप्पणी
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		1		2.4000	₹ 55.00	2	0

[illegible]

Data Digitally Signed by: SHAUKAT ALI

[illegible] http://upbhulekh.gov.in Website [illegible]

[illegible]: DINESH CHANDRA MAURYA

[illegible] सिद्धार्थनगर

दिनांक एवं समय: 19-01-2019 01:21:24

[illegible]

Luh

FOP/UPDGS/.../008/2019

उद्धरण खतौनी

खाता संख्या : 175997 | ग्राम का नाम / मिलान : [illegible] | तहसील : [illegible] | जनपद : [illegible] | फसली वर्ष : 1426-1431 | भाग : 1

खाता संख्या	खातेदार का नाम / पिता / पति / संरक्षक का नाम / निवास स्थान	मौलिक अधिकार प्राप्त होने का वर्ष	खेतों के क्रमांक गाटे	क्षेत्रफल (हे.)	लगान	परिवर्तन आदेश	टिप्पणी
1	2	3	4	5	6	7-12	12
00014	[illegible] अहमद / [illegible] / नि. ग्राम	1402फ	123	0.3950			
	[illegible] अहमद, [illegible] / [illegible] / नि. ग्राम	1402फ	124 क	0.0740			
	[illegible] / [illegible] / नि. ग्राम						
	श्रीमती [illegible] / [illegible] / नि. ग्राम						
			2	0.4690	₹ 15.00	0	0

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लेखपाल / अधिकारी: DINESH CHANDRA MAURYA

दिनांक: 19-01-2019 01:21:44

RQP/UP/DEM/003/2019

उद्धरण खतौनी

ग्राम कोड : 175027 | जनपद : [illegible] | फसली वर्ष : 1426-1431 | भाग : 1

खाता संख्या	खातेदार का नाम / पिता, पति, संरक्षक का नाम / निवास स्थान	मौलिक अधिकार	खाते के प्रत्येक गाटे की संख्या	प्रत्येक गाटे का क्षेत्रफल (हे.)	लगान	[illegible]	टिप्पणी
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00185	[illegible] / [illegible] / [illegible]	1402फ	426	0.1070			
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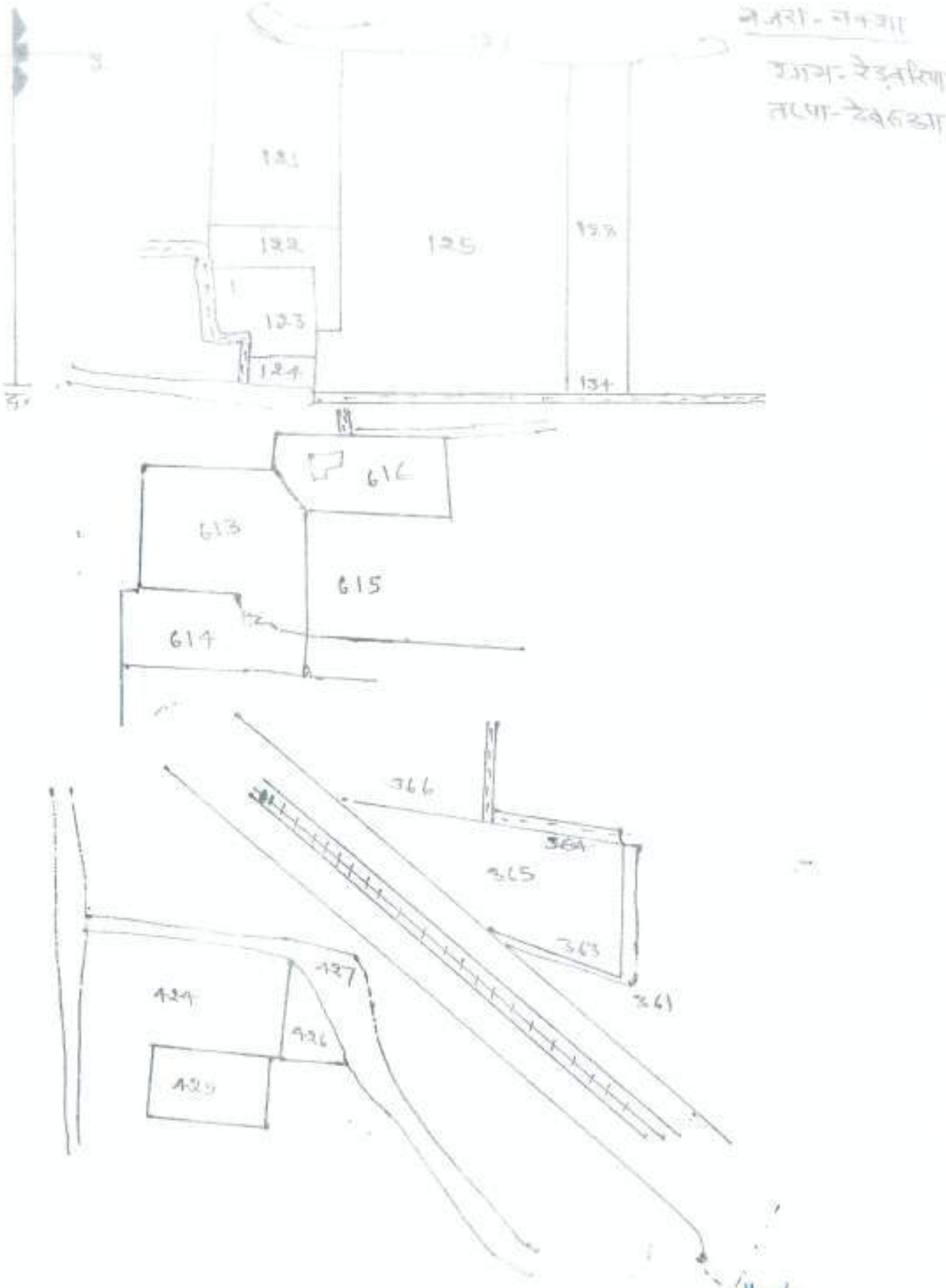
[illegible] DINESH CHANDRA MAURYA

[illegible] 19-01-2019 01:33:47

RQP/UPDGM/008/2019



PANKAJ PANDE
ROPTUPOGM/008/2019

Form-B

DIRECTORATE OF GEOLOGY AND MINING, UP

CERTIFICATE OF RECOGNITION AS QUALIFIED PERSON

(Under Rule 34 of U.P. Minor Minerals Concession Rules 1963)

SHRI PANKAJ PANDEY S/o **LATE R.C. PANDEY.**

R/o H.No.-B7/213, Shree Nath ji Vihar, Sitapur Road, Lucknow.

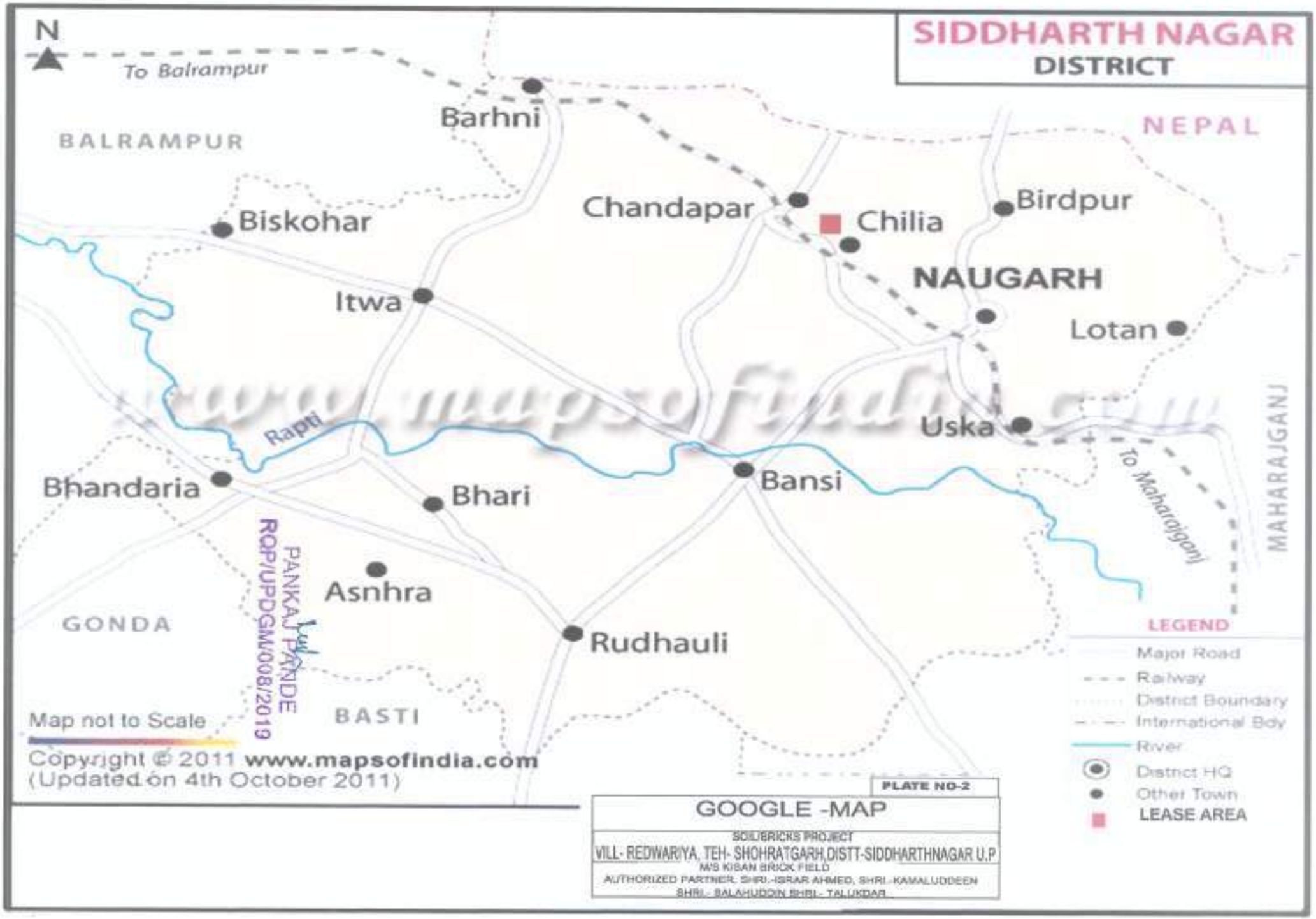
whose photograph and signature is affixed herein below, having given satisfactory evidence of his qualification & experience as required in rule-34 is here by RECOGNISED as a qualified person to prepare Mining Plan under Rule 34 of the U.P. Minor Mineral Concession Rules-1963.

1. His registration number is RQP/UPDGM/No. 008 /Year 2019
2. This recognition is valid for a period of 05 years from **14-01-2019 to 13-01-2024.**
3. His office address is H.No.-B7/213, Shree Nath ji Vihar, Sitapur Road, Lucknow.
4. His mail ID-sahajsahyvg990@gmail.com.
5. Contact No.-9415102339, 0522-4011565.
6. This certificate will liable to be withdrawn/cancelled in the event of furnishing the wrong information in the Mining Plan or producing the wrong documents.
7. This certificate shall be valid only for preparation of mining plan of the areas within the territory of Uttar Pradesh and not for any other purposes.

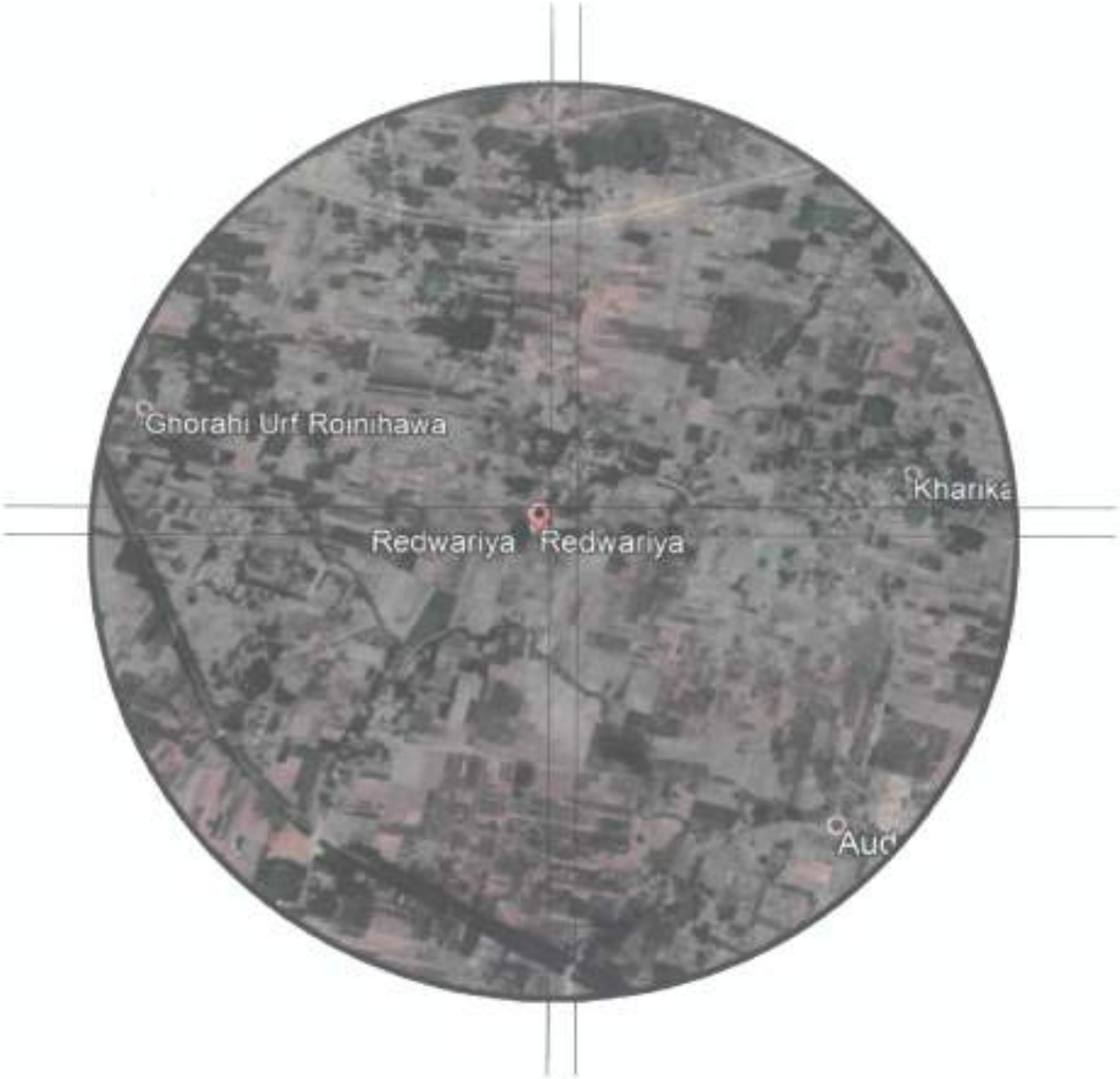
Specimen Signature of RQP

Place: Lucknow
Date: 14.01.2019

(Dr. Roshan Jacob)
Director


N
To Balrampur
SIDDHARTH NAGAR
DISTRICT
Barhni
BALRAMPUR
NEPAL
Biskohar
Chandapar
Chilia
Birdpur
NAUGARH
Itwa
Lotan
Rapti
Uska
To Maharajganj
MAHARAJGANJ
Bhandaria
Bhari
Bansi
Asnhra
GONDA
Rudhauli
BASTI
PANKAJ PANDE
RQP/UPDGM/008/2019
Map not to Scale
Copyright © 2011 www.mapsofindia.com
(Updated on 4th October 2011)
LEGEND
Major Road
Railway
District Boundary
International Boy
River
District HQ
Other Town
LEASE AREA
PLATE NO-2
GOOGLE -MAP
SOIL/BRICKS PROJECT
VILL- REDWARIYA, TEH- SHOHRATGARH,DISTT-SIDDHARTHNAGAR U.P
M/S KISAN BRICK FIELD
AUTHORIZED PARTNER: SHRI.-ISRAR AHMED, SHRI.-KAMALUDDEEN
SHRI.- SALAHUDDIN SHRI.- TALUKDAR

GOOGLE -MAP



PANKAJ PANDE
RQP/UPDGM/008/2019

PLATE NO-2

GOOGLE -MAP

M/S KISAN BRICK FIELD
AUTHORIZED PARTNER. SHRI.-ISRAR AHMED,SHRI.-KAMALUDDEEN
SHRI.- SALAHUDDIN, SHRI.- TALUKDAR
SOIL/BRICKS PROJECT
VILL- REDWARIYA, TEH- SHOHRATGARH, DISTT-SIDDHARTHNAGAR U.P

उत्तर प्रदेश UTTAR PRADESH

EH 602256

शपथपत्र/इकरारनामा (मिट्टी) खुदाई वास्ते ईंट भट्ठा

अनवर अहमद पुत्र इस्तियाक अहमद सा0 रेडवरिया तप्पा डेबरूआ पोस्ट महादेव बुजुर्ग परगना नौगढ तहसील शोहरतगढ़ जिला सिद्धार्थनगर।

प्रथम पक्ष

कमालुद्दीन पुत्र मो0 जलील सा0 कम्हिरिया तप्पा खानकोट पोस्ट सेमरीखान कोट परगना बांसी पश्चिम तहसील इटवा जिला सिद्धार्थनगर।

द्वितीय पक्ष

(235)

प्रथम पक्ष ने मिट्टी खुदाई करने के लिए द्वितीय पक्ष को देना निम्न शर्तों पर दिया–

1. यह कि मै अनवर अहमद पुत्र इस्तियाक अहमद सा0 रेडवरिया तप्पा डेबरूआ पोस्ट महादेव बुजुर्ग तहसील शोहरतगढ जिला सिद्धार्थनगर के गाटा सं0 125/2.4000, गाटा सं0 123/0.395हे0 व गाटा सं0 124क/0.0740हे0 को गाटा सं0 426/0.170हे0 का मालिक व काबिज है।
2. यह कि मै उपरोक्त गाटा सं0 125/2.4000, गाटा सं0 123/0.395हे0 व गाटा सं0 124क/0.0740हे0 को गाटा सं0 426/0.170हे0 भट्ठे मे मिट्टी खुदाई हेतु दिनांक 19–01–2019 को 19–01–2024 तक 05 वर्ष के लिए द्वितीय पक्ष को देने के लिए सहमत हूँ।
3. यह कि द्वितीय पक्ष प्रथम पक्ष के उपरोक्त गाटा सं0 125, 124क, 426 से 02 मीटर गहराई तक मिट्टी खुदाई का कार्य करेगा।
4. यह कि द्वितीय पक्ष मिट्टी खुदाई के एवज मे प्रथम पक्ष को रूपया 10,000/–(दस हजार) प्रति बीघा की दर से मकद रूपया साल दर साल प्रथम पक्ष का अदा करता रहेगा।

अतएव यह पट्टा विलेख 05 वर्षीय हम उभय पक्षों ने सोच समझकर बिना किसी जोर जो दबाव या नाजायज आग्रह के पूर्ण होशोहवास मे सम्मा गवाहान लिख दिया कि प्रमाण रहे और समय पर काम आवे।

प्रथम पक्ष

अनवर अहमद

द्वितीय पक्ष

कमालुद्दीन

दिनांक 19/1/19

Anwar Ahmad
Istiyak Ahmad
Self.

उद्धरण खतौनी

उद्धरण क्रमांक : 1759972019015

ग्राम क्रमांक : 175997 ग्राम का नाम / परगना : रेहवरिया(नौगढ़) तहसील : शोहरतगढ़ जनपद : सिद्धार्थनगर फसली वर्ष : 1426-1431 भाग : 1

खाता खतौनी क्रम संख्या	खातेदार का नाम / पिता पति संरक्षक का नाम / निवास स्थान	भौमिक अधिकार प्रारम्भ होने का वर्ष	खाते के प्रत्येक गाटे की खसरा संख्या	प्रत्येक गाटे का क्षेत्रफल (हे.)	खातेदार द्वारा देय मालगुजारी या लगान	परिवर्तन सम्बन्धी आज्ञा या उसका सारांश उसकी संख्या तथा दिनांक सहित और आज्ञा देने वाले अधिकारी का पद	टिप्पणी
1	-----2-----	3	4	5	6	7-12	13
श्रेणी : 1-क / भूमि जो संक्रमणीय भूमिधरों के अधिकार में हो।							
00013	अनवर अहमद / इश्तियाक अहमद / नि. ग्राम सलमान अहमद / अहमद हुसेन / नि. ग्राम	1402फ.	125	2.4000		1421फ0 द्वारा बन्धक पत्र शाखा प्रबन्धक पंजाब नेशनल बैंक कहनी आदेश हुआ कि ग्राम रेहवरिया तप्पा हेबक्अ क0खाता सं06 के गाटा सं0125/2.400 हे0का 1/2 भाग व खाता सं09 के गाटा सं0365/0.401 व गाटा सं0616/0.421 कुल 2 गाटा /0.822 सम्पूर्ण भूमि अनवर अहमद पुत्र इश्तियाक अहमद नि0ग्राम रेहवरिया तप्पा हेबक्अ की उक्त भूमि मु0 312000 रु0तीन लाख बारह हजार रु0 ऋण के ब्याज मे पंजाब नेशनल बैंक की शाखा कहनी क0पक्ष मे बंधक रहेगी।ह0आर0के0 15-4-14	
			1	2.4000	₹ 55.00	2	0

कुल गाटे- एक कुल क्षेत्रफल- दो दशमलव चार शून्य शून्य शून्य (हेक्टेयर) कुल भू-राजस्व - पचपन दशमलव शून्य शून्य रुपये

Data Digitally Signed by: SHAUKAT ALI

उद्धरण खतौनी का सत्यापन http://upbhulekh.gov.in Website पर जाकर किया जा सकता है।

सक्षम अधिकारी: DINESH CHANDRA MAURYA
तहसील: शोहरतगढ़ जनपद: सिद्धार्थनगर
दिनांक एवं समय: 19-01-2019 01:21:24

यह उद्धरण खतौनी इलेक्ट्रॉनिक डिजिटल हस्ताक्षर द्वारा तैयार की गयी है तथा द्वारा डिजिटल हस्ताक्षर द्वारा हस्ताक्षरित है।

उद्धरण खतौनी

उद्धरण क्रमांक : 1759972019016

ग्राम कमांक : 175997 ग्राम का नाम / पटवार : रेहरिया(नौगढ) तहसील : डोमरीगढ़ जनपद : सिद्धार्थनगर फसली वर्ष : 1426-1431 भाग : 1

खाता खतौनी ग्राम स्तरीय	खातेदार का नाम / पिता पति संरक्षक का नाम / निवास स्थान	भौमिक अधिकार प्रारम्भ होने का वर्ष	खाते के प्रत्येक गाटे की खसरा संख्या	प्रत्येक गाटे का क्षेत्रफल (है.)	खातेदार द्वारा देय मालगुजारी व लगान	परिवर्तन सम्बन्धी आज्ञा या उसका सारांश उसकी संख्या तथा दिनांक सहित और आज्ञा देने वाले अधिकारी का पद	टिप्पणी
1	----------2----------	3	4	5	6	7-12	13

श्रेणी : 1-क / भूमि जो संक्रमणीय भूमिधरों के अधिकार में हो।

00014	अनवर अहमद / इश्तियाक अहमद / नि. ग्राम	1402फ.	123	0.3950			
	इस्तेखार अहमद,अस्फाकअहमद / अहमद हुसेन / नि. ग्राम	1402फ.	124 क	0.0740			
	सल्मान अहमद / अहमद हुसेन / नि. ग्राम						
	श्रीमती सितारबेगम / अहमद हुसेन / नि. ग्राम						
			2	0.4690	₹ 15.00	0	0

कुल गाटे- दो कुल क्षेत्रफल- शून्य दशमलव चार छः नौ शून्य (हैक्टेयर) कुल भू-राजस्व - एक पाँच दशमलव शून्य शून्य रुपये

Data Digitally Signed by: SHAUKAT ALI

सक्षम अधिकारी: DINESH CHANDRA MAURYA

तहसील: डोमरीगढ़ जनपद: सिद्धार्थनगर

दिनांक एवं समय: 19-01-2019 01:21:44

यह उद्धरण खतौनी इलेक्ट्रॉनिक डिलीवरी सिस्टम द्वारा तैयार की गयी है तथा यह डिजीटल हस्ताक्षर द्वारा सत्यापित है।

उद्धरण खतौनी का वेरिफिकेशन http://upbhulekh.gov.in Website पर जाकर किया जा सकता है।

उद्धरण खतौनी

मुद्रण क्रमांक : 17599720190113

ग्राम कलाक : 175997 ग्राम का नाम / परगना : रेडवरिया(नौगढ़) तहसील : शोहरतगढ़ जनपद : सिद्धार्थनगर फसली वर्ष : 1426-1431 भाग : 1

खाता खतौनी क्रम संख्या	खातेदार का नाम / पिता पति संरक्षक का नाम / निवास स्थान	भौमिक अधिकार प्रारम्भ होने का वर्ष	खसरे के प्रत्येक गाटे की खसरा संख्या	प्रत्येक गाटे का क्षेत्रफल (है.)	खातेदार द्वारा देय मालगुजारी का लगान	परिवर्तन सम्बन्धी आज्ञा या उसका सारांश उसकी संख्या तथा दिनांक सहित और आज्ञा देने वाले अधिकारी का पद	टिप्पणी
1	----------2----------	3	4	5	6	7-12	13
श्रेणी : 1-क / भूमि जो संक्रमणीय भूमिधरी के अधिकार में है।							
00185	मजीबुल्लाह / पिराऊ / अनवर अहमद / इस्तियाक अहमद / नि0 ग्राम	1402फ.	426	0.1070			
			1	0.1070	₹ 2.66	0	0

कुल गाटे- एक कुल क्षेत्रफल- दस दशमलव एक शून्य सात शून्य (हेक्टेयर) कुल भू-राजस्व - दो दशमलव छः छः रुपये

Data Digitally Signed by: SHAUKAT ALI

सक्षम अधिकारी: DINESH CHANDRA MAURYA
तहसील शोहरतगढ़ जनपद: सिद्धार्थनगर
दिनांक एवं समय: 19-01-2019 01:23:47

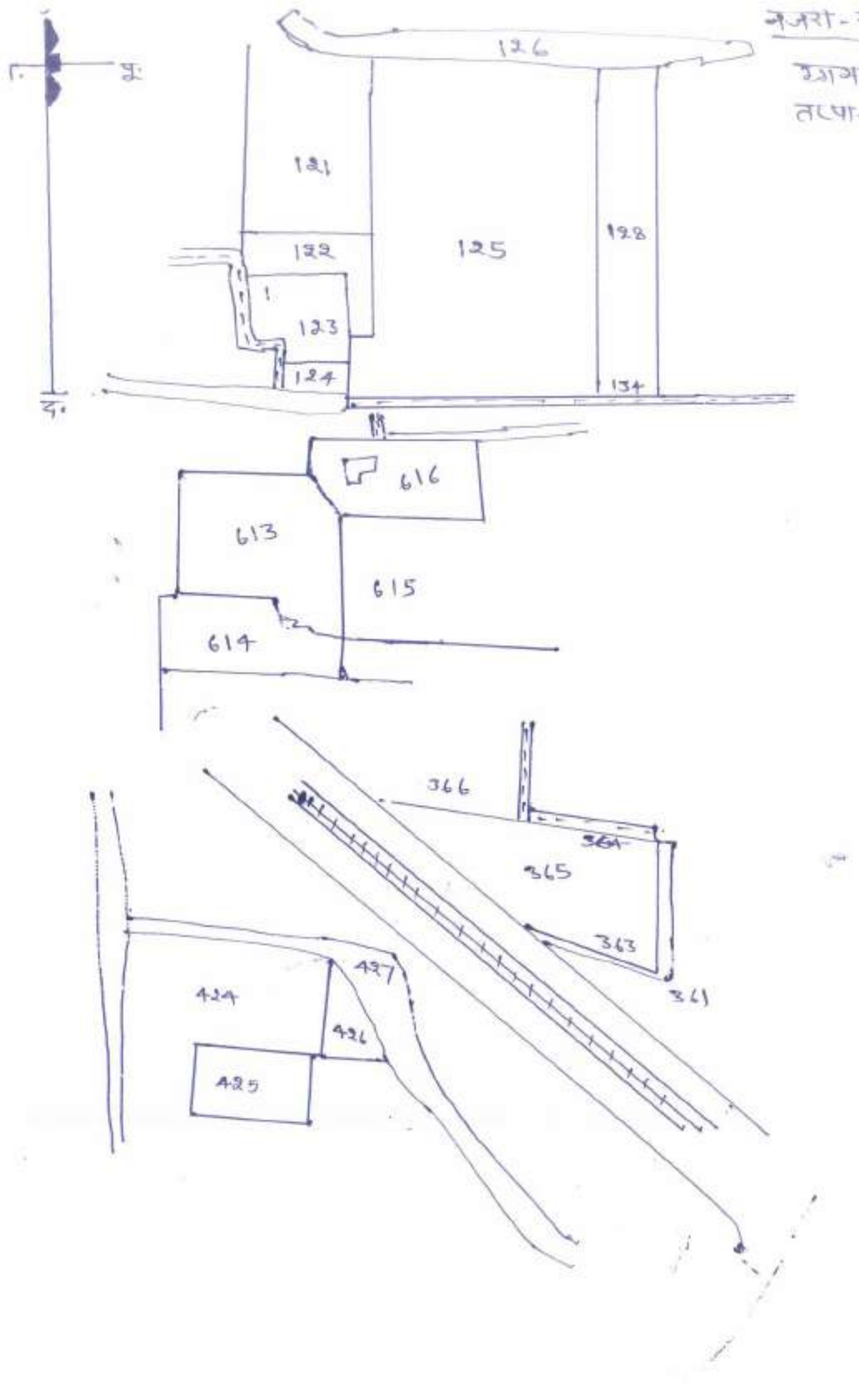
यह उद्धरण खतौनी इलेक्ट्रॉनिक डिलीवरी सिस्टम द्वारा तैयार की गयी है तथा डिजीटल हस्ताक्षर द्वारा हस्ताक्षरित है।

प्रत्येक उद्धरण खतौनी का वेरिफिकेशन http://upbhulekh.gov.in Website पर जाकर किया जा सकता है।

नजरी - नक्शा

ग्राम - रेड़सिया

तप्पा - देवड़ा



Government of India

Form GST REG-06

[See Rule 10(1)]

Registration Certificate

Registration Number :09AARFK5132C1ZC

1.	**Legal Name**	KISAN BRICK FIELD			
2.	**Trade Name, if any**	KISAN BRICK FIELD			
3.	**Constitution of Business**	Partnership			
4.	**Address of Principal Place of Business**	REDAWARIYA, REDAWARIYA, SHOHRATGARH, SHOHRATGARH, Siddharth Nagar, Uttar Pradesh, 272205			
5.	**Date of Liability**	22/07/2017			
6.	**Period of Validity**	From	27/07/2017	To	NA
7.	**Type of Registration**	Regular			
8.	**Particulars of Approving Authority**				
Signature					

Name	
Designation	
Jurisdictional Office	
9. Date of issue of Certificate	27/07/2017
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 deemed approval of the application for registration

Annexure A

GSTIN	09AARFK5132C1ZC
Legal Name	KISAN BRICK FIELD
Trade Name, if any	KISAN BRICK FIELD

Details of Additional Places of Business

Total Number of Additional Places of Business in the State	0

GSTIN	09AARFK5132C1ZC
Legal Name	KISAN BRICK FIELD
Trade Name, if any	KISAN BRICK FIELD

Details of Managing / Authorized Partners

1 	Name	TALUKDAR
	Designation/Status	PROP
	Resident of State	Uttar Pradesh
2 	Name	ISRAR AHMAD
	Designation/Status	PARTNER
	Resident of State	Uttar Pradesh
3 	Name	SALAHUDDIN
	Designation/Status	PARTNER
	Resident of State	Uttar Pradesh
4 	Name	KAMALUDDEEN
	Designation/Status	PARTNER
	Resident of State	Uttar Pradesh

0/15288

वित्तीय नियम संग्रह खण्ड–5 भाग–2 कोषागार प्रपत्र–20

प्रपत्र संख्या–43ए(1)

(प्रस्तर 417 एवं 478 देखिये)

धनराशि जमा करने का चालान फार्म

उप कोषागार/बैंक का नाम व पता भारतीय स्टेट बैंक शाखा नौगढ

1	उस व्यक्ति (पदनाम यदि आवश्यक हो) व संस्था का नाम जिसके नाम से धनराशि जमा की जा रही है। उसका नाम	किसान ब्रिक फील्ड
2	पता	रेडवरिया तहसील–शोहरतगढ जनपद–सिद्धार्थनगर
3	उपीकरण संख्या / पक्ष का नाम व वाद संख्या (यदि आवश्यक हो)	
4	जमा की जा रही धनराशि का पूर्ण विवरण (धनराशि किस हेतु जमा की जा रही है तथा किस विभाग के पक्ष मे जमा की जा रही है)	ईट भट्ठा समाधान योजना के अन्तर्गत वर्ष 2018–19 (01.10.2018 से 30.09.2019 तक) मे जमा रायल्टी पात्रा की संख्या–19
5	चालान की सकल राशि	पीली मिटटी रायल्टी का रायल्टी रुपया....89100–00 10 प्रतिशत बलुई मिटटी रुपया.....8910–00 एवं आवेदन शुल्क रुपये.....2000–00 कुल रुपये.....100010–00
6	चालान की निवल धनराशि	
7	लेखाशीर्षक का पूर्ण विवरण/लेखा शीर्षक की मुहर	0853–अलौह खनन धातुकर्म 800– खनिज रियायत शुल्क किराया और स्वत्व शुल्क 01– खनिज रियायत शुल्क और स्वत्व शुल्क
8	लेखाशीर्षक का 13 डिजिट कोड	

मुख्य लेखाशीर्षक				उप मुख्यशीर्षक		लघु शीर्षक			उप शीर्षक			ब्यौरेवार शीर्षक				धनराशि अंको मे
0	8	5	3		0	0	8	0	0	0	1	0	0	0	0	100010–00

धनराशि शब्दो मे रुपये एक लाख दस रुपया मात्र.....योग. (100010–00)

चालान मे लेखाशीर्षक की पुष्टि करने वाले विभागीय अधिकारी के हस्ताक्षर: मुहर सहित

जमा कर्ता का नाम व हस्ताक्षर

6700 | 01 | LA 07973 केवल उप कोषागार/बैंक के प्रयोगार्थ

चालान संख्या.....अंको मे रुपये

दिनांक.....शब्दो मे रुपया

प्राप्तकर्ता के हस्ताक्षर

प्राप्त किया

उपकोषागार/बैंक की मुहर सहित

ला पंचायत/क्षेत्र पंचायत प्रपत्र-5

(नियम 41 देखिए)

(ग्राफ्टेड कार्बन पेपर पर अमिट पेन्सिल से लिखा जायेगा)

जिला/जिले का नाम सहित क्षेत्र पंचायत के नाम का रबड़ स्टाम्प

C 685 रसीद सं0 82

टर संख्या ..... से

रुपया (शब्दों में)

वर्ष 2016-2017 के ..... आंशिक भुगतान

के मद में प्राप्त हुआ।

₹ 6000=00 रुपया।

मुख्य अधिकारी/खण्ड विकास अधिकारी

22/12/2016

कर संग्राहक (टैक्स कलेक्टर)

मांग तथा वसूली रजि0 का प्रभारी लिपिक/कर अधिकारी

जिला पंचायत/जिले के नाम सहित क्षेत्र पंचायत

के नाम का रबड़ स्टाम्प

बही सं0 C 685 रसीद सं0 82

रसीद के अनुसार भुगतानकर्ता का नाम .....

रसीद के अनुसार उससे वसूल की गई धनराशि .....

रसीद के अनुसार किस मद वसूल की गई .....

रसीद के अनुसार कर संग्राहर्ता का नाम जिसने .....

धनराशि वसूल की .....

इस कूपन को जमा करने वाले

अधिकारी का नाम तथा पद नाम .....

कूपन जमा करने का दिनांक .....

ला पंचायत/क्षेत्र पंचायत प्रपत्र-5

(नियम 41 देखिये)

(ड साइडेड कार्बन पेपर पर अपिट पेन्सिल से लिखा जावेगा)

ला पंचायत/जिले का नाम सहित क्षेत्र पंचायत के नाम का रबड़ स्टाम्प

सं० C 685 रसीद सं० 81

जिस्टर संख्या ..... से

..... रुपया (शब्दों में)

तथा ..... के मूल्य/आंशिक भुगतान

..... के नाद प्राप्त हुआ।

₹ 3305=00 रुपया।

मुख्य अधिकारी/खण्ड विकास अधिकारी

22/03/2018

कर समाकर्ता (टैक्स कलेक्टर)

मांग तथा वसूली रजि० का प्रभारी लिपिक/कर अधिकारी

जिला पंचायत/जिले के नाम सहित क्षेत्र पंचायत

के नाम का रबड़ स्टम्प

बही सं० C 685 रसीद सं० 81

रसीद के अनुसार भुगतानकर्ता का नाम .....

रसीद के अनुसार उससे वसूल की गई धनराशि .....

रसीद के अनुसार किस मद वसूल की गई .....

रसीद के अनुसार कर समाहर्ता का नाम जिसने .....

धनराशि वसूल की .....

इस कूपन को जमा करने वाले

अधिकारी का नाम तथा पद नाम .....

कूपन जमा करने का दिनांक .....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8631 5172 8765


Government of India
Kamaluddin
Male
8631 5172 8765
आधार - आम आदमी का अधिकार