From

M/s Lucky Int Udhyog **Date:**
Mr. Arshad Hussain S/o Mr. Gulam Rasul
Village: Chistipur, Khorhasa, Tehsil: Gonda,
District: Gonda (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 & Approved Mining Plan for Proposed "Brick Earth Mining" Project at Gata No. 23क, 155 at Village: Chistipur, Gata No. 34क, 218, 210, 167, 82 at Village: Firozpur and Gata No. 167 at Village: Vishunagar, Tehsil: Gonda, District: Gonda (U.P.). Total lease Area is 4.5762 Ha.

Dear Sir,

With reference to the above mentioned subject, we are hereby submitting **Form 1, Pre-feasibility Report & Approved Mining Plan for Proposed "Brick Earth Mining" Project at Gata No. 23क, 155 at Village: Chistipur, Gata No. 34क, 218, 210, 167, 82 at Village: Firozpur and Gata No. 167 at Village: Vishunagar, Tehsil: Gonda, District: Gonda (U.P.). Total lease Area is 4.5762 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 Lucky Int Udhyog
Proponent's Signature

APPENDIX I

(See Paragraph 6)

FORM- 1

Basic Information

<table>
<tr><th>S. No.</th><th>Item</th><th>Details</th></tr>
<tr><td>1.</td><td>Name of the project/s</td><td>Brick Earth Mining Project</td></tr>
<tr><td>2.</td><td>S. No. in the schedule</td><td>1(a)i</td></tr>
<tr><td>3.</td><td>Proposed capacity/area/length/tonnage to be/ handled / command and area/lease area/number of wells to be drilled.</td><td>Area: 4.5762 Ha
Proposed Capacity:
<table>
<tr><th>S. No.</th><th>Year</th><th>Production (m^3)</th></tr>
<tr><td>1.</td><td>1st</td><td>10,708</td></tr>
<tr><td>2.</td><td>2nd</td><td>10,708</td></tr>
<tr><td>3.</td><td>3rd</td><td>10,708</td></tr>
<tr><td>4.</td><td>4th</td><td>10,708</td></tr>
<tr><td>5.</td><td>5th</td><td>10,708</td></tr>
<tr><td></td><td>Total</td><td>53540</td></tr>
</table></td></tr>
<tr><td>4.</td><td>New / Expansion / Modernization</td><td>New</td></tr>
<tr><td>5.</td><td>Existing Capacity / Area etc.</td><td>Not Applicable</td></tr>
<tr><td>6.</td><td>Category of Project i.e. `A' or `B'</td><td>Category B2</td></tr>
<tr><td>7.</td><td>Does it attract the general condition? If yes, please specify</td><td>No, It does not attract general condition</td></tr>
<tr><td>8.</td><td>Does it attract the specific condition? If yes, please specify</td><td>No, it does not attract specific condition</td></tr>
<tr><td>9.</td><td>Location</td><td>
<table>
<tr><th>Loacation</th><th>Gata No.</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td rowspan="2">Chistipur</td><td>23व</td><td>26°59'29.6N</td><td>82°34'0.19"E</td></tr>
<tr><td>155</td><td>26°59'32.0N</td><td>82°34'1.32"E</td></tr>
<tr><td rowspan="5">Firozpur</td><td>34व</td><td>27°5'48.98"N</td><td>82° 2'3.97"E</td></tr>
<tr><td>218</td><td>27°5'44.64"N</td><td>82° 2'19.20"E</td></tr>
<tr><td>210</td><td>27°5'47.87"N</td><td>82° 2'15.42"E</td></tr>
<tr><td>167</td><td>27°5'47.23"N</td><td>82° 2'11.06"E</td></tr>
<tr><td>82</td><td>27°5'44.90"N</td><td>82° 2'3.32"E</td></tr>
<tr><td>Vishunagar</td><td>167</td><td>27°5'41.45"N</td><td>82° 2'12.21"E</td></tr>
<tr><td>Brick Kiln</td><td>210</td><td>27°5'48.25"N</td><td>82° 2'17.26"E</td></tr>
</table></td></tr>
<tr><td></td><td>Plot / Survey / Khasra No.</td><td>Gata No. 23व, 155, 34व, 218, 210, 167, 82, 167</td></tr>
<tr><td></td><td>Village</td><td>Chistipur, Firozpur, Vishunagar</td></tr>
<tr><td></td><td>Tehsil</td><td>Gonda</td></tr>
<tr><td></td><td>District</td><td>Gonda (U.P.)</td></tr>
<tr><td></td><td>State</td><td>Uttar Pradesh</td></tr>
</table>

S. No.	Item	Details
10.	**Nearest railway station / airport along with distance in km.**	**Nearest Railway Station**: Barua Chak Railway Station, 4.0 Km, NE
11.	**Nearest Town, city, District Headquarters along with distance in km.**	**Nearest City & District**: Gonda, 9.0 Km, NW
12.	**Village Panchayats, Zilla Parishad, Municipal Corporation, Local body (complete postal addresses with telephone nos. to be given)**	**Gram Panchayat**- Firozpur **Zila Panchayat** – Gonda
13.	**Name of the applicant**	M/s Lucky Int Udyog
14.	**Registered Address**	Mr. Arshad Hussain S/o Mr. Gulam Rasul Village: Chistipur, Khorhasa, Tehsil: Gonda, District: Gonda (U.P.)
15.	**Address for correspondence :**	
	Name	M/s Lucky Int Udyog
	Designation (Owner / Partner / CEO)	Owner
	Address	Mr. Arshad Hussain S/o Mr. Gulam Rasul Village: Chistipur, Khorhasa, Tehsil: Gonda, District: Gonda (U.P.)
	Pin Code	271312
	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?** **(b) The Wildlife (Protection) Act, 1972?** **(c) The C.R.Z Notification, 1991?**	No Not Applicable Not Applicable Not Applicable
22.	**Whether there is any Government**	Not applicable

S. No.	Item	Details
	Order / Policy relevant / relating to the site?	
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 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**	No	Not Applicable

S. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data.
	construction workers		
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 6,350.8 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.
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**	No	As such there will be no impounding or damming throughout the year excepting

S. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data.
	hydrology of watercourses or aquifers?		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.
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. 8.1 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)**	Yes	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
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

S. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data
			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 20cm 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.
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

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

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

S. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/ rates, wherever possible) with source of information data.
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: 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	Zone-IV (High Damage Risk Zone) There is no history of flood or cloudburst. Failure in mining benches is rare. 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**	No	Not Anticipated

S. No.	Information/Checklist Confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
	Utilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.:		
	• 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 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.**	Canal Pathri Tal Chamdai Nala Terhi Nadi	1.0 Km, NE 3.8 Km, SW 6.0 Km, ESE 8.0 Km, WSW
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**	None	None

S. No.	Areas	Name/ Identity	Aerial distance (within 15 Km) Proposed project location boundary
	waters.		
5.	**State, National boundaries.**	NA	NA
6.	**Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas.**	State Highway-30	2.0 Km, SW
7.	**Defense installations.**	None	None
8.	**Densely populated or built-up area.**	Firozpur Vishnaga Chistipur	1.5 Km, SSE 2.8 Km, SSE 3.5 Km, South
9.	**Areas occupied by sensitive man-made land uses *(hospitals, schools, places of worship, community facilities)*.**	**Education** – Pioneer Public School **Hospital**– Govt Hospital at Khorare **Worship**- Durga Mandir	9.0 Km, SW 9.0 Km, SW 2.0 Km, NE
10.	**Areas containing important, high quality or scarce resources. *(ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)***	No	2.97-5.20 mbgl ground water tables is located 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- Zone-IV (High Damage Risk Zone) Possibility of earthquake.	

(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 Lucky Int Udyog
(Proponent's Signature)
Mr. Arshad Hussain
Village: Chistipur, Khorhasa,
Tehsil & District: Gonda (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:

Proposed project is Brick Earth (Minor Mineral) mining of M/s Lucky Int Udyog, located at Village: Chistipur, Firozpur & Vishunagar, Tehsil: Gonda, District: Gonda (U.P.) over an area of 4.5762 Ha bearing Gata No. 23ब, 155 at Village: Chistipur, Gata No. 34ब, 218, 210, 167, 82 at Village: Firozpur and Gata No. 167 at Village: Vishunagar. The land provided for excavation of Brick Earth to M/s Lucky Int Udyog. 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. The estimated cost of the project is 13.93 lakhs.

(I) Salient Features of the Project

Project Name	Brick Earth Mining	
Name of Proponent	Mr. Arshad Hussain S/o Mr. Gulam Rasul	
Mining Lease Area	4.5762 Ha	
Location of Mine	Village: Chistipur, Firozpur & Vishunagar Tehsil: Gonda, District: Gonda (U.P.)	
Gata No.	23ब, 155 at Village: Chistipur, 34ब, 218, 210, 167, 82 at Village: Firozpur and 167 at Village: Vishunagar	
Land Use	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.	
Proposed production	10,708 cum/annum	
Lease Period	5 Years (As per the lease agreement dated)	
Method of mining	Manual/ Semi-mechanized using excavators, if permitted	
Drilling/Blasting	No drilling and blasting is proposed	
Water demand	**Dust Suppression**	7.0 KLD
	Drinking/Domestic Use	0.3 KLD
	Reclamation/Plantation	0.6.5 KLD
	Total	8.0 KLD
Sources of water	Dug wells/bore wells (Nearby village)	
Ultimate depth of Mining	1.5 m (maximum)	
Man power	15	
Project Cost	Rs.16.46 lakhs	
Solid Waste	No waste is expected as all the mineral collected is used for making brick.	
Nearest railway station	Barua Chak Railway Station, 4.0 Km, NE	
Nearest state highway/national highway	State Highway-30, 2.0 Km, SW	
Nearest Airport	Not Available	

2.0 INTRODUCTION OF THE PROJECT/BACKGROUND INFORMATION

M/s Lucky Int Udyog is proposed for Brick Earth mining at Gata No. 23क, 155 at Village: Chistipur, Gata No. 34क, 218, 210, 167, 82 at Village: Firozpur and Gata No. 167 at Village: Vishunagar, Tehsil: Gonda, District: Gonda (U.P.). The total mine lease area of the proposed Brick Earth mining project is over an area of 4.5762 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 up to a maximum depth of 2.0 meter below general ground water level or up to 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	Chistipur	23क, 155		4.5762
	Firozpur	34क, 218, 210, 167, 82		
	Vishunagar	167		
Tehsil	Gonda			
District	Gonda (U.P.)			
Location	**GPS Co-ordinates**		**Gata No.**	**Area (Ha.)**
	Latitude	**Longitude**		
Chistipur	27° 5'50.63"N	82° 2'2.94"E	23क	0.3095
	27° 5'44.45"N	82° 2'9.45"E	155	0.3500
Firozpur	27° 5'48.98"N	82° 2'3.97"E	34क	0.2232
	27° 5'44.64"N	82° 2'19.20"E	218	1.0360
	27° 5'47.87"N	82° 2'15.42"E	210	1.1355
	27° 5'47.23"N	82° 2'11.06"E	167	0.1700
	27° 5'44.90"N	82° 2'3.32"E	82	0.4050
Vishunagar	27° 5'41.45"N	82° 2'12.21"E	167	0.9470
Brick Kiln	27° 5'48.25"N	82° 2'17.26"E	210	
Toposheet No.: 63I/4				

(I) IDENTIFICATION OF PROJECT

Project Proponent: M/s Lucky Int Udyog, Prop- Mr. Arshad Hussain S/o Mr. Gulam Rasul is a private individual ownership project. A copy of Certificate of registration and allotment of TIN (09855303927) is enclosed.

Address of Project Proponent:-

M/s Lucky Int Udyog at Village: Chistipur, Khorhasa, Tehsil: Gonda, District: Gonda (U.P.).

(ii) Brief Description of Nature of Project

M/s Lucky Int Udyog, Village: Chistipur, Firozpur & Vishunagar, Tehsil: Gonda, District: Gonda (U.P.) applied for mining of Brick earth for making bricks. Mining will be done by open-cast, manual /semi-mechanized method. Proposed production of Brick Earth is 10,708 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. Proposed mining is with simple hand tools. 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 dependent 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 used as a basic building raw material in construction of buildings and Infrastructure projects; the demands of Bricks are increasing day by day. Building construction in India is estimated to grow at a rate of 6.6% per annum. In past, demand was not too much but now a days due to rapid industrialization and urbanization its demand increasing with pace of time.

(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 15 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.

Man power requirement and its distribution.

The total manpower requirement in this project is 15 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.	Supervisor (Skilled)	1
2.	Piece rated workers (Un-Skilled)	14
Total		**15**

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: Chistipur, Firozpur & Vishunagar, Tehsil: Gonda, District: Gonda (U.P.).

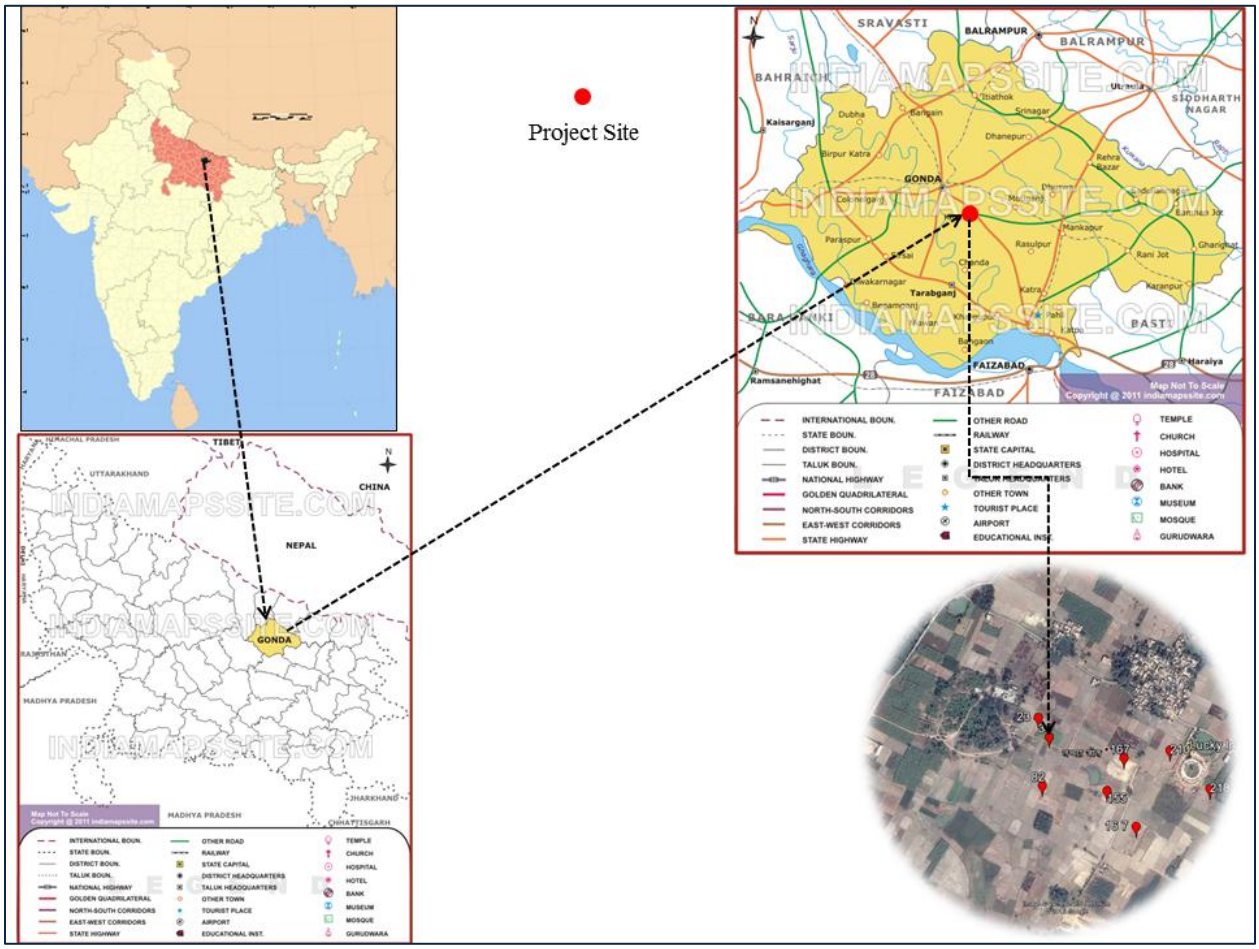


Fig 1: Location Map of the Project Site

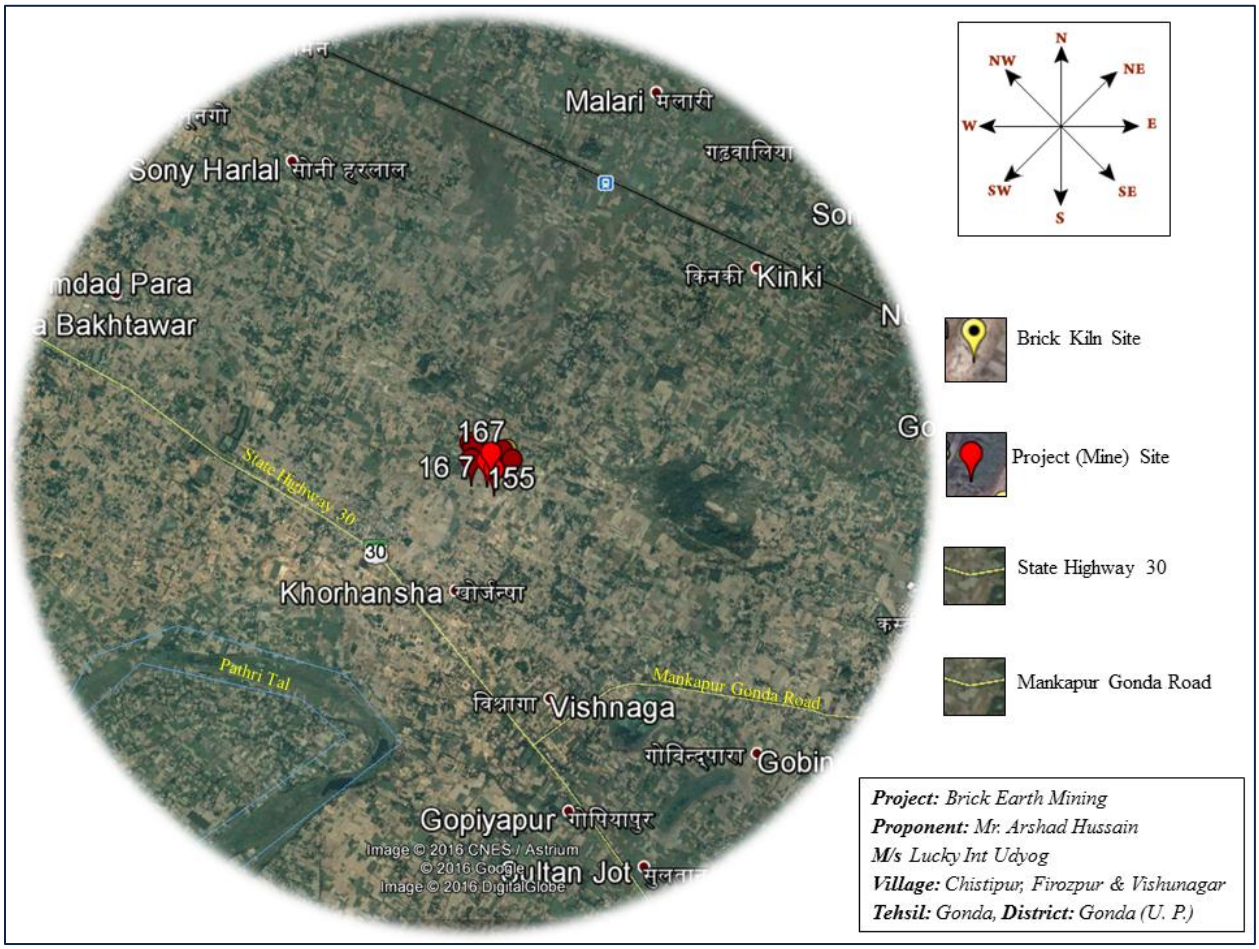


Figure 2: Google Map Showing 5 Km Radius of the Project Site

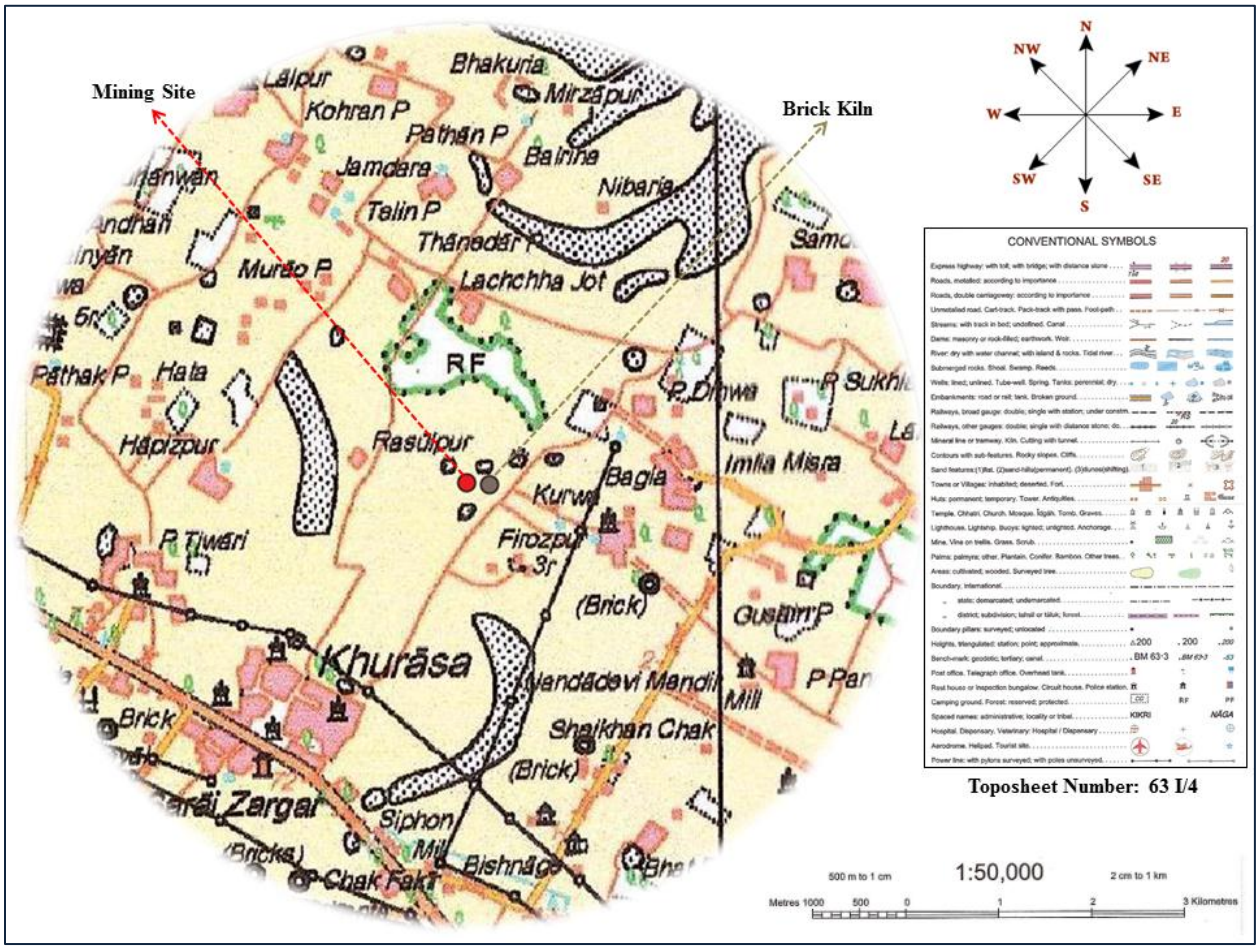


Figure: 3 Topographical map showing nearest 2.0 Km View of the Project Site

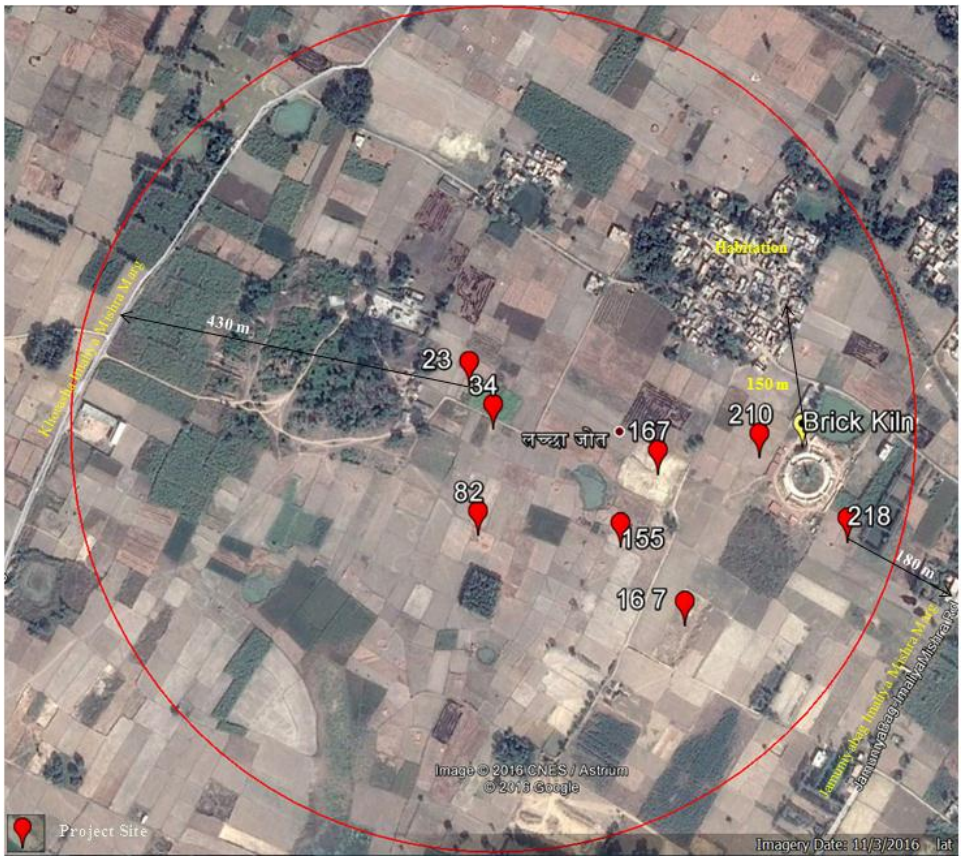


Figure 4: Google Map Showing 500 m Radius of the Project Site

(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 4.5762 Ha. The estimated production of Brick Earth is around 10,708 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 4.11858 hectares area

1.5m barrier all along boundary 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 Gata's) has been considered as a barrier zone and remaining 80% of total Gata has been considered as a mineable zone. The Mineable area is 4.11858 Ha & barrier zone is 0.45762 Ha. Thus total lease area is 4.5762 Ha.

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

S. No.	Gata No.	Total Area (ha)	Area Left for Berm (ha)	Area Considered for Mining (ha)	Depth as per Agreement (m)	Top Soil (0.20mtr) (cum)	Extractable Quantity of Soil (cum)	Agreement Period
1.	23क	0.3095	0.03095	0.27855	1.5	557	3621	5 Years
2.	155	0.3500	0.03500	0.31500	1.5	630	4095	5 Years
3.	34क	0.2232	0.02232	0.20088	1.5	402	2611	5 Years
4.	218	1.0360	0.10360	0.93240	1.5	1865	12121	5 Years
5.	210	1.1355	0.11355	1.02195	1.5	2044	13285	5 Years
6.	167	0.1700	0.01700	0.15300	1.5	306	1989	5 Years
7.	82	0.4050	0.04050	0.36450	1.5	729	4739	5 Years
8.	167	0.9470	0.09470	0.85230	1.5	1705	11080	5 Years
Total		**4.5762**	**0.45762**	**4.11858**		**8238**	**53541**	

Soil Brick (Brick making by chimney Bhatta) in tonnes = volume * bulk density

Brick Soil in Tonnes = **53,541 × 1.2**

= **64,249 Tonnes**

Table 3: Yearly Production

Year	ROM Soil Brick (Brick making by chimney Bhatta) (cum)
1st	10,708
2nd	10,708
3rd	10,708
4th	10,708
5th	10,708
Total	**53,541**

(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 up to a maximum depth of 2.0 meter below general ground water level or up to 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 kachha 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, 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 10,708 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 8.0 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 8.0 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)	0.3 KLD
	Dust suppression (Twice a day)	@1 Ltr./Sq.m Haul Road Area =(600 m Length x 6m Width=3600 m^2) = 3600 Lit/day	7.2 KLD
	Land reclamation/plantation	@5Lit/Tree (10 x 5Year) = 50 Tree x 5Lit	0.65KLD
Total			**8.0 KLD**

(ix) Quantity of wastes to be generated (liquid & 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 well connected via Jamuniyabag Imaliya Mishra Marg, 400 m, SE, Khorasha Imaliya Mishra Marg, 900 m, WNW, Katra Gonda road, 2.0 Km, SW and Mankapur Gonda road, 3.0 Km, SSE. The nearest State Highway is SH-30. The Mining site is located at Firozpur, Vishnaga and Chistipur. The network of link Roads is available for village to village connectivity. The Nearest Railway Station is Barua Chak Railway Station, 4.0 Km, towards NE from the project site. Project site is about 9.0 Km away from Gonda. Link road is available for local area. Mine site is well connected with rail and road transport.

Figure 5: Location of Proposed Brick Earth Excavation & Brick Kiln Site

(ii) Land Form, Land use and Land ownership

Total area of lease is 4.5762 Ha is leased to Mr. Arshad Hussain S/o Mr. Gulam Rasul, M/s Lucky Int Udyog. No forest land is involved in leased out area.

(iii) Topography

Gonda District is Agricultural Plane land.

Gonda district lies between 26º 47' and 27º- 20' north latitude and 81º 30' and 82º 46' east longitudes It is head quarter of Devi Patan division which was constituted by praline of Faizabad division District Balrampur makes its boundaries in north. To its west it is bounded by district Bahraich and some part of

Srawasti on the east by the district Basti. In the south it is separated from district's Bara Banki and Faizabad by the river Ghaghara. In shape it is very irregular and seems as Cup widest in North narrowest in south. It has got physical boundaries on two sides Kuon River in the North and as Ghaghar a river in the South. Its length from Jarwal road in the West to Katra (Shivadayal Ganj) is 106 kms and width from kuaon in the north to Paska in the south is 77 kms.

Source: http://gonda.nic.in/geo.htm

(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. No.	Particulars	Details
1.	Nearest Densely Populated Villages	Firozpur, 1.5 Km, SSE Vishnaga, 2.8 Km, SSE Chistipur, 3.5 Km, South
2.	Nearest city/ town	Nearest City & District: Gonda, 9.0 Km, NW
3.	Nearest Road	Jamuniyabag Imaliya Mishra Marg, 400 m, SE Khorasha Imaliya Mishra Marg, 900 m, WNW Katra Gonda road, 2.0 Km, SW Mankapur Gonda road, 3.0 Km, SSE
4.	Nearest Railway Station	Barua Chak Railway Station, 4.0 Km, NE
5.	Nearest Airport	Not Available
6.	Nearest National Highway/ State Highway	State Highway-30, 2.0 Km, SW
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	Canal, 1.0 Km, NE Pathri Tal, 3.8 Km, SW Chamdai Nala, 6.0 Km, ESE Terhi Nadi, 8.0 Km, WSW Chaubepur Nala, 8.2 Km, WSW
10.	Reserve forest/ Unclassified Forest	Reserve Forest, 1.5 Km, NW Reserve Forest, 2.0 Km, West
11.	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

Gonda features sandy, loamy, and clay soils. Water percolates downward in sandy soils, so those are not very fertile. Nevertheless, zayad crops are produced near the banks of rivers in this soil. Loamy soil, light yellow in color, is fertile and contains fossils and minerals. It is found in the upper part of Gonda around Khorahsa, Dumariya Deeh, Gonda, Itia thok, Mankapur, etc. Clay soil can retain water, so it is suitable for crops that require more irrigation, such as rice grown in paddy fields, though it becomes hard when it dries. Clay soil is found around Colonel Ganj, Itiathok, and Mankapur.

Source: https://en.wikipedia.org/wiki/Gonda_district

Gonda district is divided into two units, the upland plains underlain by older alluvium and the low land plains underlain by newer alluvium. The 7 older alluviums occupies the north & eastern part of the district and the newer alluvium covers the central, western and southern part with low lying slightly undulating tract deposited in comparatively recent times by the river Kuwano, Tirhi and Ghaghra. The different geomorphic unit observed in the district like sand bar (River Sand) observed at river bed of Ghaghra consists of sand deposits of varying sizes produced due to the fluvial action. Flood plain (alluvium) areas are extensive, low lying flat areas adjacent Ghaghra river. The deposit is thickest near the river margins and thinning outward the valley slopes and composed of unconsolidated alluvial materials of varying lithology. Ravines, younger alluvial plain and older alluvial plain are also observed in the district.

Source:http://www.cgwb.gov.in/District_Profile/UP/Gonda.pdf

(vii) Climate & Rainfall

Gonda has a tropical monsoon climate, typical of India's plains districts. There are three seasons: summer, rainy, and winter. Summer is from March to June. The average temperature of the summer is nearly 30 °C (86 °F). A hot wind known as the *Loo* blows in May and in early June. The rainy season is from July to October. Winter is from November to February, with the second half of December and first half of January the coldest.

Source: https://en.wikipedia.org/wiki/Gonda_district

January is generally the coldest month with mean daily maximum temperature at 22.9° C and means daily minimum temperature at 8.3° C. After February there is steady increase in temperature. May is generally the hottest month with the mean daily temperature is 39.9° C and mean daily minimum temperature is 25.6° C, with the advance of the monsoon there is appreciable drop in temperature. The mean monthly maximum temperature is 31.7° C and the mean monthly minimum temperature is 18.5°C. The average annual rainfall is 1151.80 mm. The climate is sub-humid and it is characterized by good rainfall mainly during southwest monsoon season and a dry hot summer. About 90% of rainfall takes place from June to September. During monsoon surplus water is available for deep percolation to ground water.

Source: http://www.cgwb.gov.in/District_Profile/UP/Gonda.pdf

(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 given 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 4.11858 Ha. 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.

Year	Saplings to be Planted	Species	Pollution control features	Plantation Cost	Place of Plantation
Ist	125 trees in Ist Year 25 X 5 = 125 trees	Ficus religosa (pipal), Boswellia serrata (Salai), Shorea robusta (sal) and tactone grandis (teak)	Tolerant to SO_2 and Dust Control	Plantation@200/sapling (125 sapling to be planted in 1st year)= 25,000 Five Trees per Acre. Post Plantation Care @Rs. 500/day (For 125 Saplings Annually.i.e.365 days) Total Cost = 207,500	along the road side and near civic amenities, which will be allotted by Government Bodies as it is not feasible to plant trees near the mine lease area.
IInd					
IIIrd					
IVth					
Vth					
Total = 125					

(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 well connected via Jamuniyabag Imaliya Mishra Marg, 400 m, SE, Khorasha Imaliya Mishra Marg, 900 m, WNW, Katra Gonda road, 2.0 Km, SW and Mankapur Gonda road, 3.0 Km, SSE. The nearest State Highway is SH-30. The Mining site is located at Firozpur, Vishunagar and Chistipur. The network of link Roads is available for village to village connectivity. The Nearest Railway Station is Barua Chak Railway Station, 4.0 Km, towards NE from the project site. Project site is about 9.0 Km away from Gonda. Link road is available for local area. 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 bore-wells through tankers. Approx. 0.3 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.13.88 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 15) Assuming 120 days)	**7,20,000**
2.	Personnel Protective Equipment (PPE)	Rs. 1500/workers x 15 = 22,500 Rs. Medicines (Assuming 500/worker) 500/ workers = 500 x 15 = 7500	**30,000**
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 (125 sapling in first Year) Post plantation care @500/day (For 125 Saplings Annually.i.e.365 Days).	**2,07,500**

Others			
7.	Mine Closure Plan	5000/Ha.	**25,000**
	Total		**Rs. 13,92,500 (13.93 Lakhs)**

Corporate Environment Responsibility

CER (Corporate Environment Responsibility) details for the Project

CER plan is given below:

- Total Cost of the Project = Rs. 13.93 Lakhs

Rs. 13.93 Lakhs x 0.05 = Rs. 0.70 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 of M/s Lucky Int Udyog is proposed at Village: Chistipur, Firozpur & Vishunagar, Tehsil: Gonda, District- Gonda (U.P.) is of outmost importance to the area/. 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 region for interest of mineral development and improves the socio-economic conditions of the local habitant's 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

UPVAT - XI

Department of Commercial Taxes, Government of Uttar Pradesh
[See sub-rule (8) and (10) of Rule - 32 of the UPVAT Rules, 2007]

Certificate of Registration and Allotment of TIN

09855303927

M/S LUCKY INT UDYOG whose principal place of business is situated at **CHISTIPUR KHORHASA GONDA,GONDA** located in Commercial Tax Circle/Sector **Gonda / A C Sector - 1,Gonda** subject to provisions of the Uttar Pradesh Value Added Tax Act, 2007, is hereby registered as a dealer and **09855303927** is allotted as its Taxpayer's Identification Number [TIN].

This Registration Certificate is valid with effect from **14-Mar-2008** till the business is discontinued.

Nature of Business

Place of branches in U.P. & outside U.P.	1 . FIROJUR KHORHANSA GONDA, Phone NO: 9415415486
Description of Trade/Commodity	1 . Bricks, blocks, tiles and other ceramic goods of siliceous fossil meals (for example, kieselguhr, tripolite or diatomite) or of similar siliceous earths

Place: Gonda

Date: 04-Apr-2008

Registering Authority

वर्ष 2014-2015

जिला पंचायत / क्षेत्र पंचायत प्रपत्र—5

(नियम 41 देखिये)

(डबल साइडेड कार्बन पेपर पर अमिट पैन्सिल से लिखा जायेगा)

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

बही संख्या

नाम रजिस्टर .... से

.... रुपया (शब्दों में)

बिल सम्बन्धित

मुख्य अधिकारी / राज्य विकास अधिकारी

स्थान

दिनांक 2016/15

संलग्नित

जिला पंचायत / जिले के नाम सहित क्षेत्र

के नाम का रबड़ स्टाम्प

बही संख्या

रसीद के अनुसार भुगतानकर्ता का नाम

रसीद के अनुसार उससे वसूल की गई धनराशि

रसीद के अनुसार किस मद में वसूल की गई

दिनांक : 4020044

18/7/20

प्राप्तकर्ता के हस्ताक्षर

शब्दों में रु0

प्राप्त किया

उपकोषागार/बैंक की मुहर

(17)

वित्तीय नियम संग्रह खण्ड–5 भाग–2

कोषागार प्रपत्र–209 (1)

प्रपत्र संख्या– 43 ए (1)

(प्रस्तर 417 एवं 478 देखिए)

धनराशि जमा करने का चालान फार्म

उपकोषागार/बैंक का नाम व शाखा ..... SBI Gondi .....

1. जिस व्यक्ति (पदनाम यदि आवश्यक हो) या संस्था के नाम से धनराशि जमा की जा रही है उसका नाम ..... मे० एच० डी० इ० ठेकेदार .....
2. पता ..... पिपरोंगंज - खोरहवा रोड .....

वर्ष 16-17 से 16 वि 30/17 तक

3. पंजीकरण संख्या/पक्ष का नाम वाद संख्या (यदि आवश्यक हो) ~~...[illegible]...~~
4. जमा की जा रही धनराशि का पूर्ण विवरण (धनराशि किस हेतु जमा की जा रही है तथा किस विभाग के पक्ष में जमा की जा रही है) ..... डी.पी. - पिपरौंधी खोरहवा रोड .....
5. चालान की सकल राशि ..... 27पूर्ती 70300 ००
6. चालान की निबल राशि ..... पाती पर 70300 ००
7. लेखा शीर्षक का पूर्ण विवरण/ लेखा शीर्षक की मुहर ..... [illegible] 2000 ००
8. लेखा शीर्षक का 13 डिजिट कार्ड 527 ००

मुख्य लेखा शीर्षक	उप मुख्य शीर्षक	लघुशीर्षक	उप शीर्षक	ब्यौरेवार शीर्षक	धनराशि अंकों में
4515	00	102	02	01	93400 ००

धनराशि (शब्दों में) ..... तिरानवे हजार चार सौ मात्र ..... योग 93400 ००

चालान में लेखा शीर्षक की पुष्टि करने वाले विभागीय अधिकारी के हस्ताक्षर मुहर सहित

जमाकर्ता का नाम व हस्ताक्षर

केवल उपकोषागार/बैंक के प्रयोगार्थ

चालान संख्या .....

दिनांक 06/2/2025

अंकों में रु० 93400/-

शब्दों में रु० .....

प्राप्तकर्ता के हस्ताक्षर

प्राप्त किया

उपकोषागार/बैंक की मुहर

भारतीय स्टेट बैंक मुख्य शाखा गोण्डा-U.P.

06 MAR 2017

P.F. No. 7488732

वित्तीय नियम संग्रह खण्ड–5 भाग–2

प्रपत्र संख्या–43ए (1)
(प्रस्तर 417 एवं 478 देखिए)

कोषागार प्रपत्र–209 (1)

धनराशि जमा करने का चालान फार्म

17

उपकोषागार/बैंक का नाम व शाखा

1. जिस व्यक्ति (पदनाम यदि आवश्यक हो) या संस्था के नाम से धनराशि जमा की जा रही है उसका नाम
2. पता

3. पंजीकरण 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 में जमा की जा रही है)
5. चालान की सकल राशि
6. चालान की निबल राशि
7. लेखाशीर्षक का पूर्ण विवरण/लेखाशीर्षक की मुहर
8. लेखाशीर्षक का 13 डिजिट कोड

मुख्य लेखाशीर्षक	उप मुख्य शीर्षक	लघु शीर्षक	उप शीर्षक	ब्यौरेवार शीर्षक	धनराशि अंकों में
0853	01	102	00	01	111620=0

धनराशि (शब्दों में) .....

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

योग 111620=0

जमाकर्ता का नाम व हस्ताक्षर

केवल उपकोषागार/बैंक के प्रयोगार्थ

चालान संख्या : .....

दिनांक : .....

अंकों में रु0 .....

शब्दों में रु0 .....

प्राप्तकर्ता के हस्ताक्षर

प्राप्त किया
उपकोषागार/बैंक की मुहर

वित्तीय नियम संग्रह खण्ड–5 भाग–2

कोषागार प्रपत्र–209 (1)

प्रपत्र संख्या–43ए (1)
(प्रस्तर 417 एवं 478 देखिए)

धनराशि जमा करने का चालान फार्म

(17) धनुहार

उपकोषागार/बैंक का नाम व शाखा — श्री गोरखपुर

1. जिस व्यक्ति (पदनाम यदि आवश्यक हो) या संस्था के नाम से धनराशि जमा की जा रही है उसका नाम — मे० लकीड्डर उद्योग
2. पता — गोरखपुर खोरबहा गो० 65,

वर्ष- 2014-2015

3. पंजीकरण संख्या/पक्ष का नाम व वाद संख्या (यदि आवश्यक हो) — अ/14 व 30/91-92
4. जमा की जा रही धनराशि का पूर्ण विवरण (धनराशि किस हेतु जमा की जा रही है तथा किस विभाग के पक्ष में जमा की जा रही है) — अमानत - 39150=00 आकस्मिक - 2000=00
5. चालान की सकल राशि — 41150-00
6. चालान की निबल राशि — 41150-00
7. लेखाशीर्षक का पूर्ण विवरण/लेखाशीर्षक की मुहर — 0853-3
8. लेखाशीर्षक का 13 डिजिट कोड — 0853अन्य एवं वाद प्रकीर्ण

मुख्य लेखाशीर्षक	उप मुख्य शीर्षक	लघु शीर्षक	उप शीर्षक	ब्यौरेवार शीर्षक	धनराशि अंकों में
0853	80	112	00	01	41150=00

धनराशि (शब्दों में) ..... रु० इकतालीस हजार एक सौ पचास मात्र

योग 41150=00

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

9

जमाकर्ता के नाम से हस्ताक्षर

केवल उपकोषागार/बैंक के प्रयोगार्थ

चालान संख्या : 402043

दिनांक : 18/7/16

अंकों में रु० 41150/-

शब्दों में रु०

प्राप्तकर्ता के हस्ताक्षर

प्राप्त किया
उपकोषागार/बैंक की मुहर

उद्धरण खतौनी

ग्राम क्रमांक : 47040437474 ग्राम का नाम : फिरोजपुर परगना गोण्डा तहसील : गोण्डा

जनपद : गोण्डा फसली वर्ष : 1421-1426 भाग : 1

खाता खतौनी क्रम संख्या	खातेदार का नाम	पिता / पति / संरक्षक का नाम	निवास स्थान	भौमिक अधिकार प्रारम्भ होने का फसली वर्ष	खाते के प्रत्येक गाटे की खसरा संख्या	प्रत्येक गाटे का क्षेत्रफल (हे.)	खातेदार द्वारा देय मालगुजारी या लगान	परिवर्तन सम्बन्धी आज्ञा या उसका संक्षिप्त सारांश उनकी 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 संक्रामणीय भूमिधरों केअधिकार में हो।									
00014	अरसद हुसैन	गुलाम रसूल	नि.चिस्तीपुर	1397फ	210मि	1.5140		बन्धक नामा स्टेट बैंक गोण्डा मु.75000/- में बंधक है। ह.ले. 24.06.02	
				कुल गाटे : 1	कुल क्षे :	1.5140	59.00		

हस्ताक्षर

11/18/2013

उत्तर प्रदेश UTTAR PRADESH DC 516736

इकरारनामा

मैं ..... पुत्र ..... निवासी .....
..... का स्थायी निवासी इकरार
करता हूँ।

1. यह कि मैं गाटा संख्या ..... जिसका कुल रकबा ..... ग्राम .....
..... व गाटा सं0 ..... जिसका रकबा ..... ग्राम .....
..... तहसील ..... जनपद ..... मेसर्स .....
..... स्वामी / साक्षीदार श्री ..... पुत्र श्री
..... निवासी .....
..... को पाँच वर्ष के लिए ईंट
निर्माण हेतु 1.5 मीटर गहराई तक मिट्टी खनन के लिए दे रहा हूँ ।

2. यह कि उपरोक्त गाटा पाँच वर्ष की अवधि तक हम उपरोक्त इकरार शुदा भूमि में किसी भी प्रकार का कृषि कार्य या किसी के पक्ष में बन्धक अथवा हस्तान्तरण नही करेगें।

3. यह कि इकरारनामा मैं स्वैच्छ बिना किसी जोर दवाब के कर रहे है।

SOLEMNLY AFFIRMED & DECLARED BEFORE ME ON..06/03/17
SATYA PRAKASH PANDEY NOTARY DISTT GONDA (U.P.)

शपथकर्ता

सत्यापन

मैं शपथी प्रमाणित करता हूँ कि शपथ पत्र की धारा–1 व 3 मेरे निजी ज्ञान में सत्य व सही है इसमें कोई भी तथ्य छिपाया नहीं गया है।

स्थान–

दिनांक–

शपथकर्ता

उत्तर प्रदेश UTTAR PRADESH

2 MAR 2017

DC 516734

NOTARY
Satya Prakash Pandey
GOVT. OF INDIA

इकरारनामा

मैं ..... पुत्र ..... निवासी .....
..... का स्थायी निवासी इकरार करता हूँ कि

1. यह कि मैं गाटा संख्या 167 जिसका कुल रकबा 2.0410 ग्राम का 1/3
..... व गाटा सं0 ..... जिसका रकबा ..... ग्राम .....
..... तहसील ..... जनपद ..... मेसर्स .....
..... स्वामी / साक्षीदार श्री ..... पुत्र श्री .....
..... निवासी .....
..... को पाँच वर्ष के लिए ईंट निर्माण हेतु 1.5 मीटर गहराई तक मिट्टी खनन के लिए दे रहा हूँ ।

2. यह कि उपरोक्त गाटा पाँच वर्ष की अवधि तक हम उपरोक्त इकरार शुदा भूमि में किसी भी प्रकार का कृषि कार्य या किसी के पक्ष में बन्धक अथवा हस्तानन्तरण नहीं करेगें।

3. यह कि इकरारनामा में स्वैच्छ बिना किसी जोर दवाब के कर रहे है।

SOLEMNLY AFFIRMED
&
DECLARED BEFORE ME
ON..06/03/17
SATYA PRAKASH PANDEY
NOTARY DISTT GONDA (U.P.)

शपथकर्ता

सत्यापन

मैं शपथी प्रमाणित करता हूँ कि शपथ पत्र की धारा–1 व 3 मेरे निजी ज्ञान में सत्य व सही है इसमें कोई भी तथ्य छिपाया नहीं गया है।

.....

शपथकर्ता

उत्तर प्रदेश UTTAR PRADESH

DC 516742

इकरारनामा 2 MAR 2017

मैं ..... पुत्र ..... निवासी .....
..... का स्थायी निवासी इकरार
करता हूँ

1 यह कि मैं गाटा संख्या ..... जिसका कुल रकबा ..... ग्राम .....
..... व गाटा सं0 ..... जिसका रकबा ..... ग्राम .....
..... तहसील ..... जनपद ..... मेसर्स .....
..... स्वामी / साक्षीदार श्री ..... पुत्र श्री .....
..... निवासी .....
..... को पाँच वर्ष के लिए भूमि
निर्माण हेतु 1.5 मीटर गहराई तक मिट्टी खनन के लिए दे रहा हूँ ।

2. यह कि उपरोक्त गाटा पाँच वर्ष की अवधि तक हम उपरोक्त इकरार शुदा भूमि में किसी भी प्रकार का कृषि कार्य या किसी के पक्ष में बन्धक अथवा हस्तान्तरण नहीं करेंगे।

3. यह कि इकरारनामा मैं स्वेच्छा बिना किसी जोर दबाव के कर रहे है।

SOLEMNLY AFFIRMED & DECLARED BEFORE ME ON.. 06/03/17

SATYA PRAKASH PANDEY
NOTARY DISTT. GORAKHPUR

शपथकर्ता

सत्यापन

मैं प्रमाणित करता हूँ कि शपथ पत्र की धारा 1 व 3 मेरे निजी ज्ञान से सही है इसमें कोई भी तथ्य छिपाया नहीं गया है।

स्थान–

शपथकर्ता

दिनांक

उत्तर प्रदेश UTTAR PRADESH

DC 516735

2 MAR 2017

इकरारनामा

मैं ..... पुत्र ..... निवासी .....
..... का स्थायी निवासी इकरार करता हूँ।

1. यह कि मैं गाटा संख्या ..... जिसका कुल रकबा ..... ग्राम .....
..... व गाटा सं० ..... जिसका रकबा ..... ग्राम .....
..... तहसील ..... जनपद ..... मेसर्स .....
..... स्वामी / साक्षीदार श्री ..... पुत्र श्री .....
..... निवासी .....
..... को पाँच वर्ष के लिए ईंट निर्माण हेतु 1.5 मीटर गहराई तक मिट्टी खनन के लिए दे रहा हूँ।

2. यह कि उपरोक्त गाटा पाँच वर्ष की अवधि तक हम उपरोक्त इकरार शुदा भूमि में किसी भी प्रकार का कृषि कार्य या किसी के पक्ष में बन्धक अथवा हस्तान्तरण नहीं करेगें।

3. यह कि इकरारनामा मैं स्वैच्छ बिना किसी जोर दवाब के कर रहे है।

SOLEMNLY AFFIRMED
&
DECLARED BEFORE ME.
ON..06/03/17
&
SATYA PRAKASH PANDEY
NOTARY DISTT. GONDA (U.P.)

शपथकर्ता

सत्यापन

मैं शपथी प्रमाणित करता हूँ कि शपथ पत्र की धारा–1 व 3 मेरे निजी ज्ञान में सत्य व सही है इसमें कोई भी तथ्य छिपाया नहीं गया है।

स्थान–

दिनांक–

शपथकर्ता

BHULEKH
Uttar Pradesh

निम्न खाते की प्रमाणित प्रति आनलाइन प्राप्त करने हेतु यहाँ क्लिक करें।

खाता विवरण (अप्रमाणित प्रति)

ग्राम का नाम : चितौरा परगना : (गोण्डा) तहसील : गोण्डा जनपद : गोंडा फसली वर्ष : 1424-1429 भाग : 1 खाता संख्या : 00115

खातेदार का नाम / पिता पति संरक्षक का नाम / निवास स्थान	खसरा संख्या	क्षेत्रफल (है.)	रकबा	टिप्पणी
श्रेणी : 1-क / भूमि जो संक्रमणीय भूमिधरों के अधिकार में हो।				
महमूद खां / करामत खा / नि.खोराहसा टाबर खा / करामत खा / नि.खोराहसा मीसर खां / करामत खा / नि.खोराहसा सापर खा / करामत खा / नि.खोराहसा सुहेल अहमद / अ.हमीद / ग्रामवासी फैयाज खा / हासिम खान / नि.भेरहा पारा श्रीमती तरीकुन निशा उर्फ रेजमा / शकील अहमद खा / नि. ग्राम सुहेल अहमद / अब्दुल हमीद खाँ / नि. ग्राम मो.लाईक / अब्दुल हमीद खाँ / नि. ग्राम	23 ब	0.6190	₹1/12 m	
योग	1	0.6190		

BHULEKH
Uttar Pradesh

निम्न खाते की प्रमाणित प्रति आनलाइन प्राप्त करने हेतु यहाँ क्लिक करे।

खाता विवरण (अप्रमाणित प्रति)

ग्राम का नाम : फिरोजपुर परगना : (गोण्डा) तहसील : गोण्डा जनपद : गोंडा फसली वर्ष : 1421-1426 भाग : 1 खाता संख्या : 00079

खातेदार का नाम / पिता पति संरक्षक का नाम / निवास स्थान	खसरा संख्या	क्षेत्रफल (है.)	आदेश	टिप्पणी
श्रेणी : 1-क / भूमि जो संक्रमणीय भूमिधरों के अधिकार में हो।				
मजीद / मदद अली / खोरहसा छल्लन / मैकू / खोरहसा मो.हासन / मसूद अली / नि. ग्राम मालक / मसूद अली / नि. ग्राम मो.फालक / मसूद अली / नि. ग्राम मोबिन अहमद / लल्लन / नि. ग्राम सुहेल अहमद / अ.हामिद / नि.चिस्ती पुर लईक अहमद / अ.हामिद / नि.चिस्ती पुर सफीकउर्फ पप्पू / रसीदअली / नि.खोरहसा अब्दुल रफीक उर्फ सब्बू / रसीदअली / नि.खोरहसा श्रीमती साएरा खातून / रसीदअली / नि.खोरहसा श्रीमती माहरुलनिशा / लल्लन / नि.खोरहसा मो.लतीफ / मकसूद अली / नि.खोरहसा	34क.	2.2320	आ.ए.नि.महो.मेहनौन ज.पक11ख दि. 19-6-15खाता स. 79 से मृतक मजीद के स्थान पर मो.रईस अहमद, कदीर अहमद पुत्रगण मजीद नि. खोरहसा का नाम बतौर वारिस दर्ज हो र.का. 23-6-15	1/10/2017
योग	1	2.2320		

BHULEKH
Uttar Pradesh

खाता विवरण (अप्रमाणित प्रति)

ग्राम का नाम : पिपोसपुर परगना : (सेरुआ) तहसील : सिरसा जनपद : गौतम बहादी वर्ष : 1421-1426 भाग : 1 खाता संख्या : 00084

खातेदार का नाम / पिता/पति संरक्षक का नाम / निवास स्थान	खसरा संख्या	क्षेत्रफल (है.)	चकबंदी	टिप्पणी
श्रेणी : 1-क / भूमि जो खातेदारी पट्टेदारी फ्रीहोल्डिंग में हो।				
[illegible] राम / राम कृपेश / पि. [illegible] [illegible] राम / राम कृपेश / पि. [illegible] [illegible] / [illegible] / पि. [illegible] [illegible] राम / देवी प्रसाद / पि. [illegible] [illegible] राम [illegible] / [illegible] / पि. [illegible] [illegible] / टीकमदास / पि. [illegible] [illegible] / टीकमदास / पि. [illegible] [illegible] / [illegible] / पि. [illegible] [illegible] / [illegible] / पि.[illegible]	82	1.2140	[illegible] अभिलेख [illegible] [illegible] [illegible] पृष्ठ [illegible] 23000 से अन्यत्र किया गया है से 26/2/05 [illegible] अन्यत्र ग्राम [illegible] [illegible] खाता व [illegible] पर दर्ज से र.से 26-2-05	
योग	1	1.2140		

BHULEKH
Uttar Pradesh

निम्न खाते की प्रमाणित प्रति आनलाइन प्राप्त करने हेतु यहाँ क्लिक करें ।

खाता विवरण (अप्रमाणित प्रति)

ग्राम का नाम : बिलौपुर परगना : (गोण्डा) तहसील : गोण्डा जनपद : गोंडा फसली वर्ष : 1424-1429 भाग : 1 खाता संख्या : 00210

खातेदार का नाम / पिता पति संरक्षक का नाम / निवास स्थान	खसरा संख्या	क्षेत्रफल (है.)	आदेश	टिप्पणी
श्रेणी : 1-क / भूमि जो सक्षमलीय भूमिधरों के अधिकार में हो।				
साकिर अली / इन्सान अली / नि. ग्राम सुहेल अहमद खाँ / अब्दुल हमीद खाँ / नि. ग्राम	155	0.7000	जरिये बन्धकनामा सर्व यूपीएगमीण बैंक शाखा खोरहसा जि. गोण्डा के पक्ष मे खातेदार साकि र अली पुत्र इन्सान अली ग्रामसभा की भूमि गाटासं.180,155 को रु. 121000 लेबन्धकरिया र.क. 31-1-14	
योग	1	0.7000		

Disclaimer: इस ऑकडे पर अवलम्बित है, समस्त कम्प्यूटर केन्द्र ग्राम सी.एस.सी/लोकवाणी केन्द्र से संशोधन की प्रमाणित प्रति प्राप्त की जा सकती है ।

Data Updated Upto: Sun Mar 05 09:48:44 IST 2017

Software Powered By: National Informatics Center, Uttar Pradesh State Unit, Lucknow.

BHULEKH
Uttar Pradesh

खाता विवरण (अप्रमाणित प्रति)

ग्राम का नाम : मिश्र नगर परगना : (गोण्डा) तहसील : गोण्डा जनपद : गोंडा फसली वर्ष : 1424-1429 भाग : 1 खाता संख्या : 00005

खातेदार का नाम / पिता पति संरक्षक का नाम / निवास स्थान	खसरा संख्या	क्षेत्रफल (है.)	आदेश	टिप्पणी
श्रेणी : 1-क / भूमि जो संक्रमणीय भूमिधरों के अधिकार में हो।				
अयाज हुसैन / गुलाम हुसैन / नि.चिस्तीपुर आबाक हुसैन / गुलाम हुसैन / नि.चिस्तीपुर स्व.गुलामरसूल एजूकेशनल एंव व / एव वेलफेयर सोसायटी / चस्तीपुर जमुनियाबाग द्वारा कोषाध्यक्ष सरफराज हुसेन / पुत्र अकबाल हुसैन / नि.चिस्तीपुर मौलाना अबुल कलाम अजाद महा. / विद्यालय जमुनियाबाग / नि. ग्राम द्वारा अध्यक्षा श्रीमती अतिया बेगम / पुत्रीगुलाम मोहिन नि.मोहल्ला / पटेलनगर	167	2.8410	आ.श्रीमान उपजिलाधिकारी महो.गोण्डा महोदया श्रीमती अतियाबेगम बनाम सरकार वाद स.29 आदेश दि. 5-6-13 अन्तर्गत धारा 143ड.प्र.अ.नि.एवं भूमि व्य.अधि.ग्राम निशुल्क के खाता स. 06 वर्ष 1418- 1423फ. पर अंकि त गटा स.167/2.841है. में से 1.012है. भू.ण्ड भू.राजस्व 36.00रु. आकृ षिक भूमि मोहित कि या जाता है र.का. 10-6-13	फा 1/13 मा/ग
योग	1	2.8410		

खाता विवरण (अप्रमाणित प्रति)

ग्राम का नाम : फिरोजपुर परगना : (गोण्डा) तहसील : गोण्डा जनपद : गोंडा फसली वर्ष : 1421-1426 भाग : 1 खाता संख्या : 00061

खातेदार का नाम / पिता पति संरक्षक का नाम / निवास स्थान	खसरा संख्या	क्षेत्रफल (है.)	अदेय	टिप्पणी
श्रेणी : 1-क / भूमि जो संक्रमणीय भूमिधरी के अधिकार में हो।				
नसीमोहम्मद खा / खिबिर मोहम्मद / नि. ग्राम	157	0.1700		
योग	1	0.1700		

BHULEKH
Uttar Pradesh

खाता विवरण (अप्रमाणित प्रति)

ग्राम का नाम : खिरोजपुर परगना : (गोण्डा) तहसील : गोण्डा जनपद : गोंडा फसली वर्ष : 1421-1426 भाग : 1 खाता संख्या : 00063

खातेदार का नाम / पिता पति संरक्षक का नाम / निवास स्थान	खसरा संख्या	क्षेत्रफल (हे.)	आदेश	टिप्पणी
श्रेणी : 1-क / भूमि जो संक्रमणीय भूमिधरों केअधिकार में हो।				
नूरमेहम्मद उर्फ धिराबन / रौनकअली / नि.रथवलिया मो.अब्बास खां / इलियास खां / नि. ग्राम शमसुल्ला खां / खिविल मो. / नि. ग्राम अब्दुल हामिद / खिकिल मो. / नि. ग्राम मजीद खां / खिविल मो. / नि. ग्राम नक्की मोहम्मद / खिकिल मो. / नि. ग्राम रब्बानी / खिविल मो. / नि. ग्राम श्रीमती मरवरी / डाकि र अली / नि. ग्राम श्रीमती शरातुलनिशा / हुसेन मो. / नि. ग्राम मो.मुजमिल / महमूद खां / नि. ग्राम इसराइल / महमूद खां / नि. ग्राम मु.खैस नशा / महमूद खां / नि.ग्रा.रथवलिया श्रीमती इसरतबहा / शुऐब खान / नि. ग्राम भगवानदीन / घिरौऊ / नि. ग्राम निजाम खाँ / कल्लू खाँ / नि. ग्राम खान जमालुद्दीन / कल्लू खाँ / नि. ग्राम	218	3.1080	बन्धकनामा दि.05.12.88 भू.नं.218/7.68 महमूद खाँ पुत्र मुसीबत खाँ भू.वि.बैंक के पक्ष में। द्वारा बंधक पी.एन.बी.बैंक गोण्डा खाता सं.37,76 के खातेदार द्वारा 1,75,000/- में बन्धक है। ह.ले. 24.06.02 जरिये बन्धकनामा पंजाब नेशनल बैंक शाखा के सत पुर पाडवा के पक्ष मे खातेदार नक्की मोहम्मद ,रब्बानी पुत्रगण खिजिर मोहम्मद नि.ग्राम द्वारा गटा सं.218/3.108 ,167/1/.170,165/1/0.081 को रु. 27000 मे बन्धक कि या ह.र.का.11-7-11 अ.ह.महो.गोण्डा भू.न.961/31-12-13 खातासं. 63 के गटा सं.218/3.108 स.60खसे बिक ऐसा मजीद खाँ पुत्र खिकिल मोहम्मद ग्रामवासी के नाम के साथ संयोजित अश पर क्र ऐसा रानू पुत्र अल्लाकल्ल नि. बिसौहर का नाम बतौर सह.ज.बै.दर्ज हो र.का.4-1-14 अ.ह.महो.गोण्डा भू.न. 1815/26-4-14 खातासं.63के गटा सं.218/3.108 स.60खसे बिक ऐसा निजाम खाँ पुत्र	

खाता विवरण (अप्रमाणित प्रति)

ग्राम का नाम : फिरोजपुर	परगना : (शेष्डा)	तहसील : शेष्डा	जनपद : गोंडा	फसली वर्ष : 1421-1426	भाग : 1	खाता संख्या : 00063		
							कल्लू खाँ ग्रामवासी का नाम सम्पूर्ण अंश से खारिज होकर फ़ैजान नैयाद खाँ पुत्र मुन्ना खाँ व श्रीमती सायदा बेगम पत्नी जाद खाँ ग्रामवासी का नाम सह.ज.वे. दर्ज हो र.का. 15-5-14 आ.ए.पि.महे.चौडिया च.प.क11ख दि. 1-7-14 खाता सं. 63,69,70 से मृतक अब्दुल हमीद के स्थान पर श्रीमती मैमजहा व श्रीमती मजरुल पत्नी गण अब्दुल हमीद ग्रामवासी का नाम बतौर वारिसदर्ज हो र.का. 1-7-14	
योग					1	3.1080		

भू-चित्र नक्शा
फोरा स्टेट प्रति प्रमाणित गाटा सं० 34
ग्राम फिरोजपुर पटवाना व तहसील व जिला गोण्डा
सन् चकबन्दी 1373फ० तंदुला सन् 1965-66ई०

सत्यप्रतिलिपि।
प्रमाणित।
[illegible]
फिरोजपुर
02.3.2017

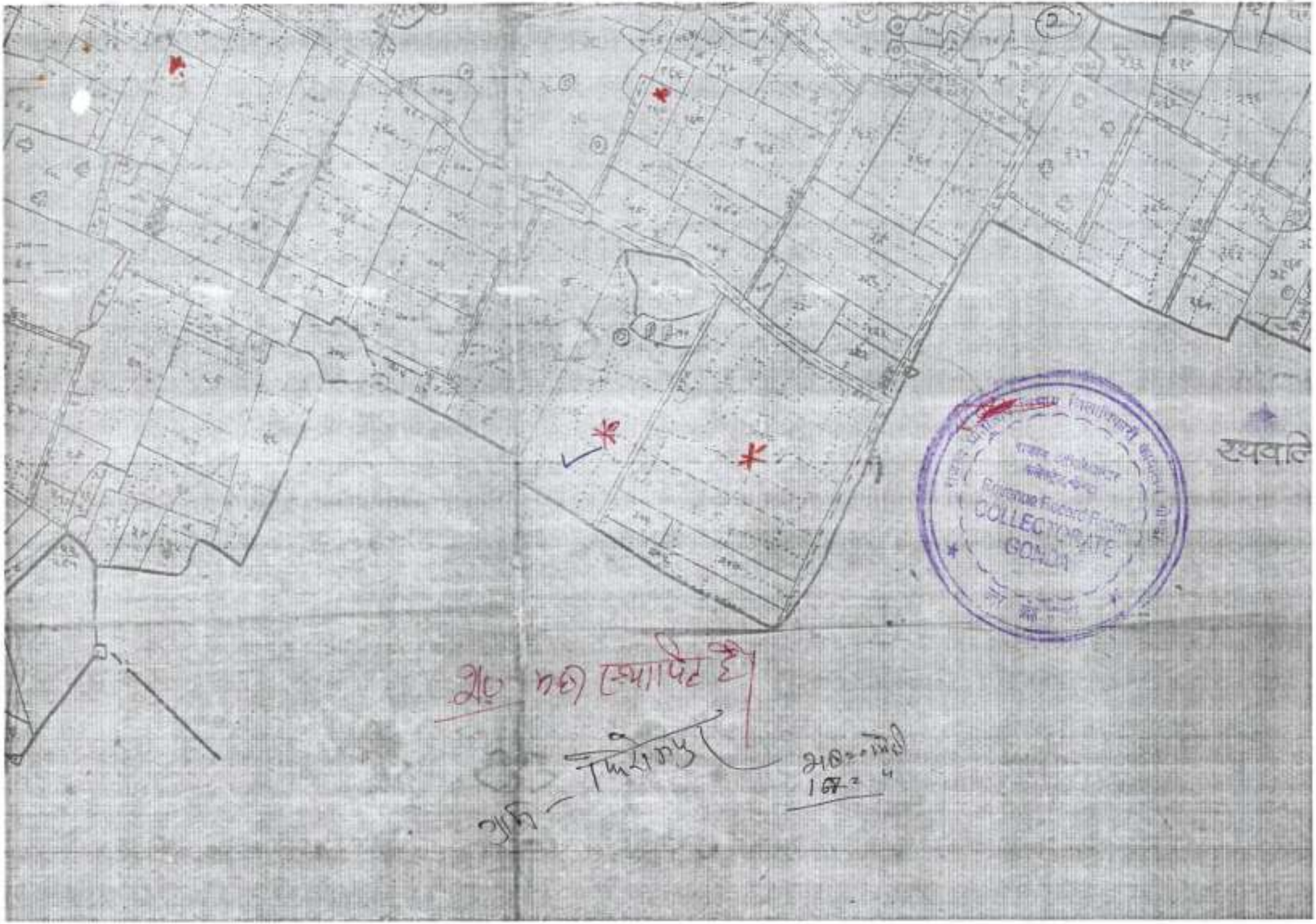
ग्राम फिरोजपुर
परगना बलरामपुर • गोंडा
जिला गोंडा

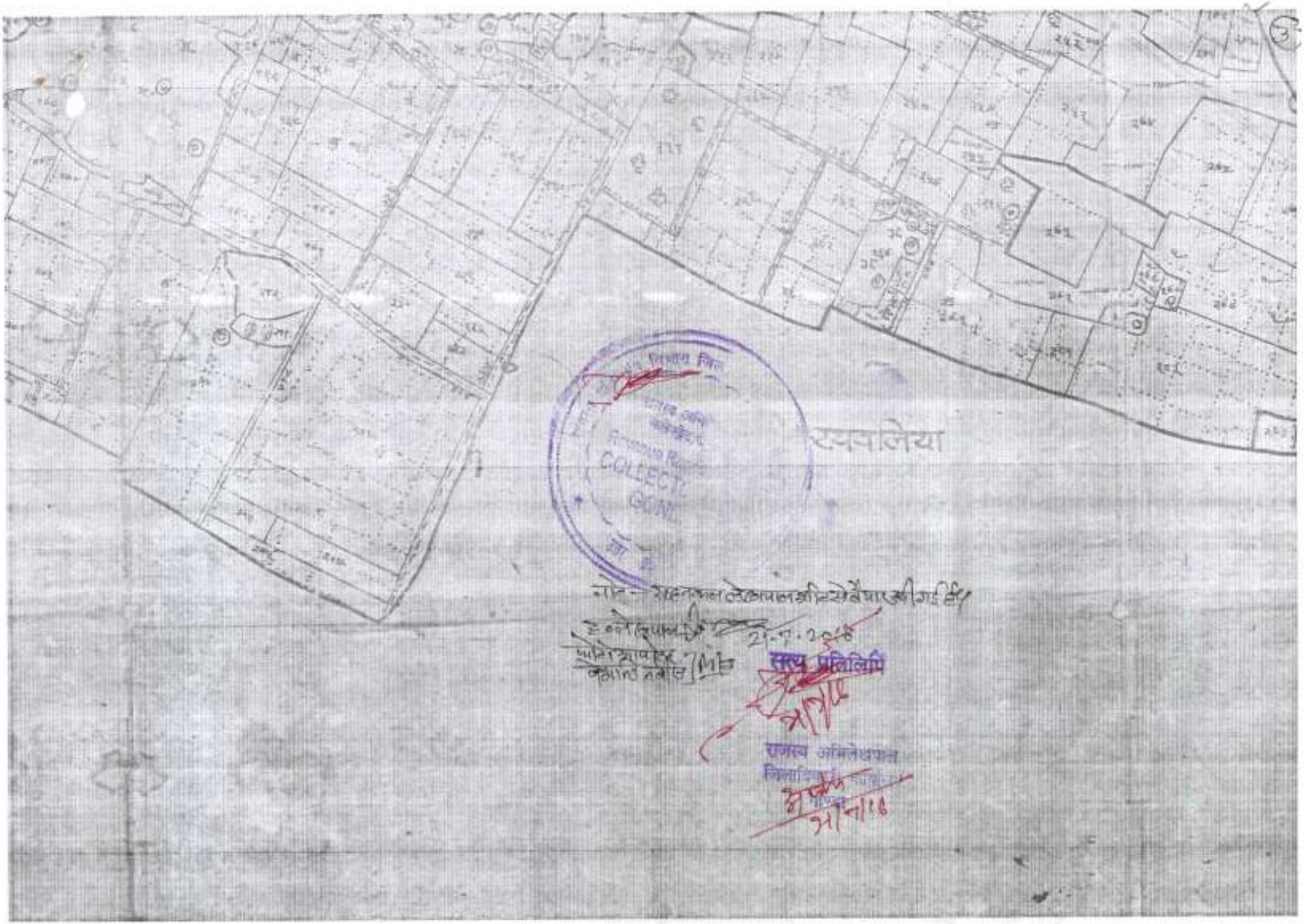
प्रमुख - चित्रकूट
फोटो ले ट्रेस पूर्व प्रस्तावित गाटा संख्या 202, 210, 218 स्थिति ग्राम फिरोजपुर मझरा
व तहसील गोण्डा जिला गोण्डा.
क्षेत्रफल 1373 वर्ग मीटर तदनुसार 0.1965-66 है.

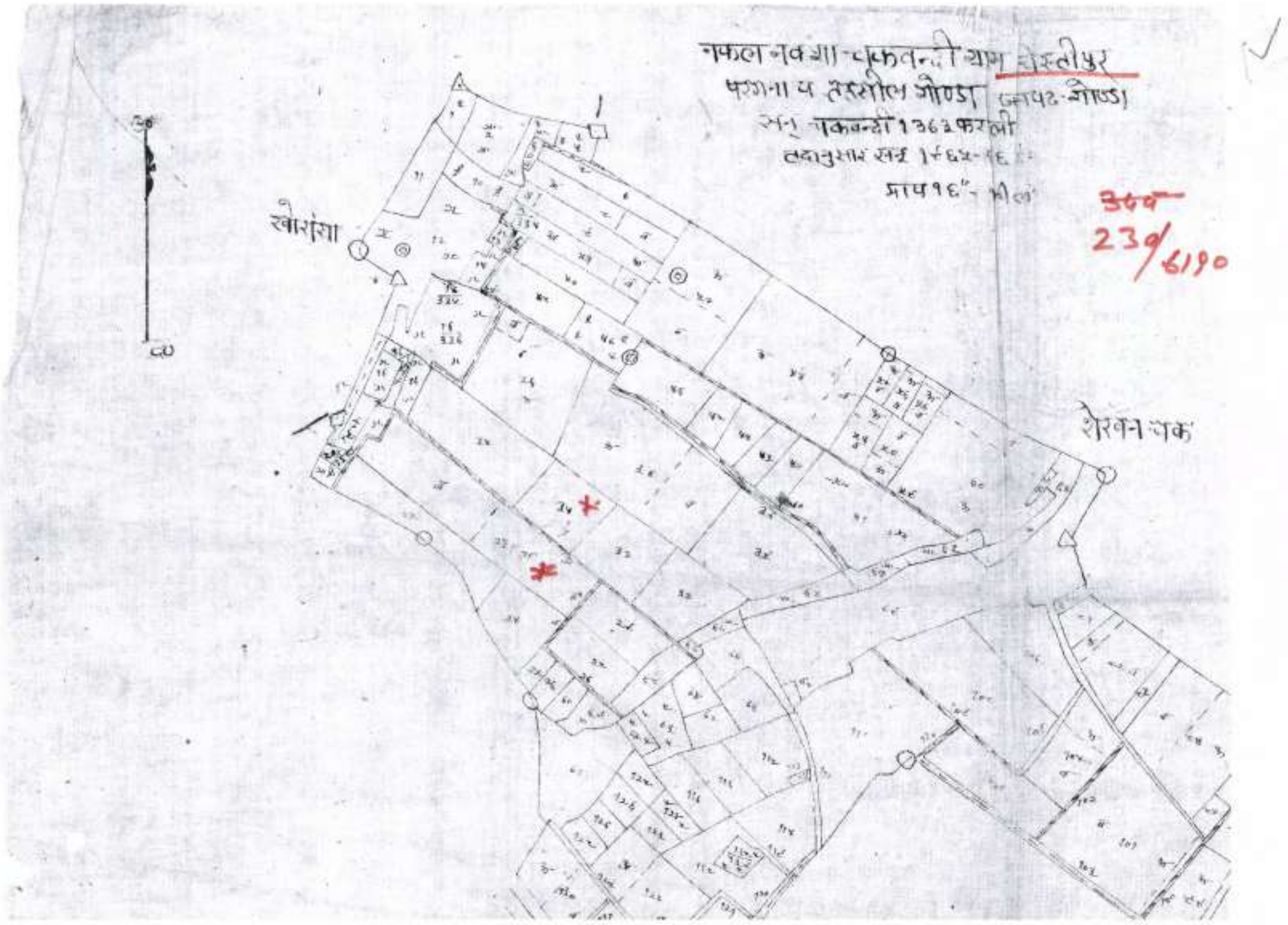
सत्यापित किये
प्रस्तावित

इमिलिया मिश्र

02-3-2017


COLLECTORATE
GONDA




नक्शा नक्शा चकबन्दी ग्राम बस्तीपुर
परगना व तहसील गोण्डा जनपद-गोण्डा
सन् चकबन्दी 1362 फसली
तदनुसार सन् 1964-65
साप 16"- मील
खोरासा
शेरवा चक
239/6190

167/2 · 8410

मानचित्र

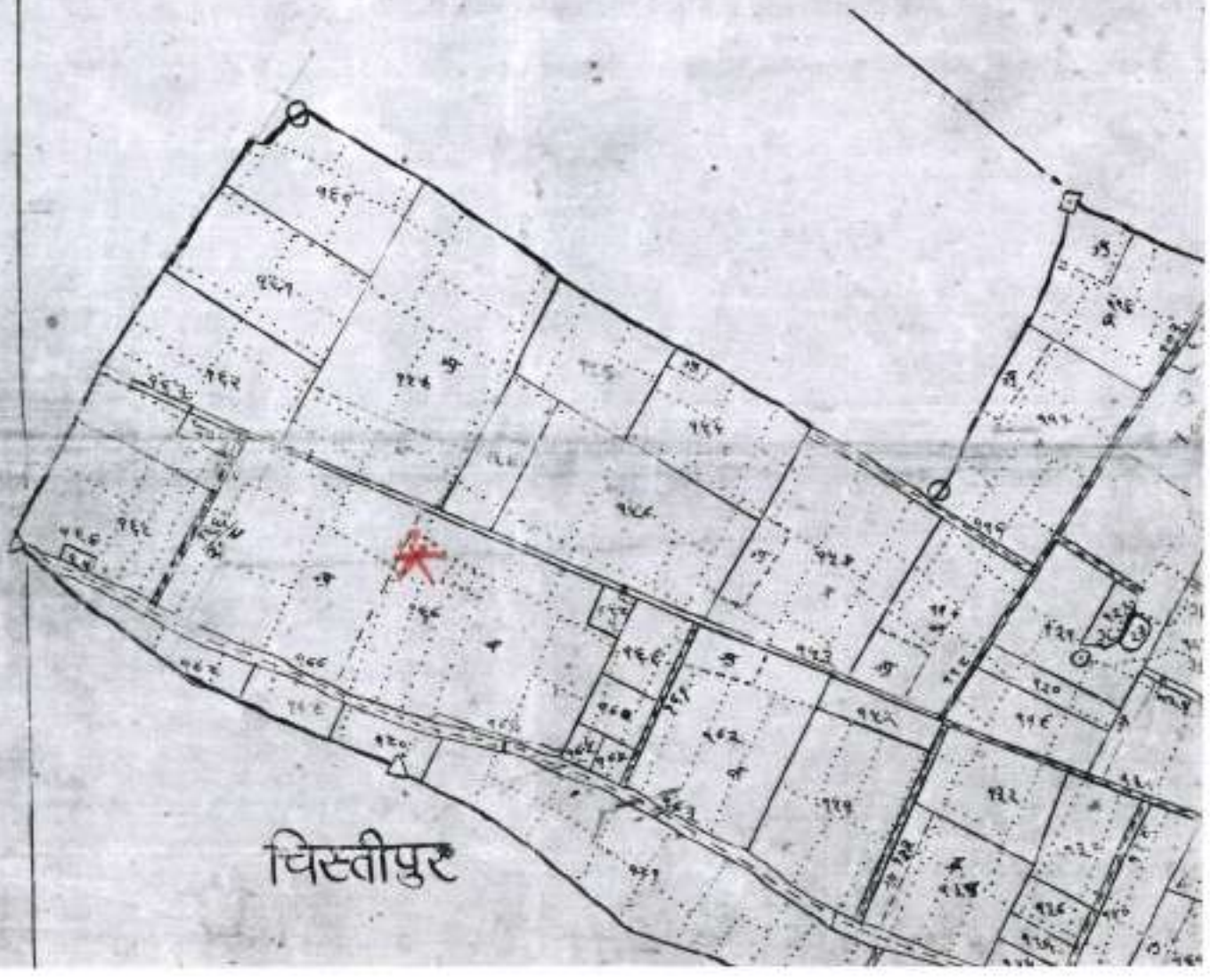
ग्राम विशुनागा

परगना व तहसील • गोंडा

जिला गोंडा

सन् चकबन्दी १३७३ फ०

तदनुसार सन् १९६५-६६ ई०



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

CHISTIPUR, FIROZPUR & VISHUNAGAR SOIL BRICK MINE

VILLAGE- CHISTIPUR, FIROZPUR & VISHUNAGAR,
TEHSIL & DISTRICT- GONDA, UTTAR PRADESH
AREA: 4.5762ha. FOREST LAND: NIL
AGRICULTURAL LAND: 4.5762ha
PLAN PERIOD: 5 YEARS

PROPONENT

M/S LUCKY INT UDYOG
MR. ARSHAD HUSSAIN
S/O- MR. GULAM RASUL
R/O-VILLAGE – CHISTIPUR, KHORHASA
DISTRICT-GONDA (U.P.)

PREPARED BY

PANKAJ PANDE
RQP/DDN/086/95/A

PANKAJ PANDE
Registration No : RPQ/DDN/086/95A
Validity : 14.02.2021

AUTHORISATION LETTER BY THE APPLICANT/LESSEE

I, Arshad Hussain (Prop. of M/s Lucky Int Udyog) hereby authorize Shri Pankaj Pande RQP No.RPQ/DDN/086/95A 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 Chistipur, Firozpur & Vishunagar Soil Brick Mine, Plot No. 23व, 155, 34व, 218, 210, 167, 82, 167 over an area of 4.5762ha situated in Village-Chistipur, Firozpur & Vishunagar, Tehsil-Gonda, District-Gonda (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 : RPQ/DDN/086/95A

Validity : 14.02.2021

Address of RQP

PANKAJ PANDE
RQP/DDN/086/95/A

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: Gonda

Date:

Your's Faithfully

(Arshad Hussain)

Gonda (U.P)

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.

PANKAJ PANDE
RQP/DDN/086/95/A

Place: Lucknow

Date:

Name of – RQP Pankaj Pande

Registration No. – R.Q.P./DDN/086/95A

Validity- 14-02-2021

CONTENT

PANKAJ PANDE
RQP/DDN/086/05/A

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

PANKAJ PANDE
RQP/DDN/086/06/A

INTRODUCTION

Proposed area of **4.5762** hectares, Plot No. 23व, 155, 34व, 218, 210, 167, 82, 167 in Village-Chistipur, Firozpur & Vishunagar, Tehsil & District Gonda (UP) occupied by **M/s Lucky Int Udyog** situated at Vill –Chistipur Khorhasa, District-Gonda (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 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.

PANKAJ PANDE
RQP/DDN/086/05/A

CHAPTER-1

1.0 GENERAL:

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

M/S LUCKY INT UDYOG

Mr. Arshad Hussain (Prop.)

S/o- Mr. Gulam Rasul

R/o-Village & Post- Chistipur Khorhasa ,

District-Gonda (U.P.)

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

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

B) STATUS OF LESSEE: Proprietorship 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)**

PANKAJ PANDE
RQP/DDN/088/05/A

CHAPTER-2

2.0 LOCATION AND ACCESSIBILITY:

(a) **Details of area (with location map):** The site is located in Village–Chistipur, Firozpur & Vishunagar, Tehsil–Gonda, District–Gonda, U.P. The excavation lease area falls in Survey of India. The location plan is enclosed as **Plate No. 1).**

District and State: Gonda, Uttar Pardesh

Taluka/Tehsil: Gonda

Village: Chistipur, Firozpur & Vishunagar

Gata No. 23व, 155, 34व, 218, 210, 167, 82, 167

Copy of Khasra Map is enclosed as **Annexure No. 4**.

Lease Area (Hact.): **4.5762 hectares**

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: About 1.60Km public road connects the State Highway-30 (katra Gonda Road) from Project site. Nearest Railway Station is at Barua Chak & it is about 3.33Kms from Project site.

Latitude and Longitude: The geological coordinates of the area is 27° 5'48.25"N & 82° 2'17.26"E.

S.L NO	Village Name	GATA NO	Area (ha)
1.	Chistipur	23 व	0.3095
2.		155	0.350
3.	Firozpur	34 व	0.2232
4.		218	1.036
5.		210	1.1355
6.		167	0.1700
7.		82	0.405
8.	Vishunagar	167	0.947
Total			**4.5762**

PANKAJ PANDE
RQP/DDN/036/05/A

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	4.5762	-	-	-
	Total	**4.5762**	-	-	-

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 lease hold falls in Village-Chistipur, Firozpur & Vishunagar which is about 8.60km (aerial distance) towards SE direction from Gonda district headquarter on State Highway-30 (Katra-Gonda Road). State Highway-30 passes at distance 1.60Km* towards west direction from project site. The location plan is enclosed as **Plate No. 1).** The 5km Google map showing land use is shown in **Plate No.2.**

PANKAJ PANDE
RQP/DDN/086/05/A

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 latitude of the area is about 106mRL. 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.**

REGIONAL GEOLOGY:

The general geological sequence of Gonda district can be classified broadly into two fold geological sequence viz. Vindhyan and Quaternary (Pleistocene, Recent to Upper Pleistocene). The whole of the district is covered by Pleistocene to sub-recent alluvial deposits of the rivers of the Indo-Gangetic system which have traversed this area. The deposition of the alluvium commenced after the final upheaval of the Himalayas and has continued all through the Pleistocene age upto the present. The alluvium in the district consists of interbeded deposits of sand, silt and clays. At places calcarious concretions (locally known as kankar) are associated with this alluvium. Kankar is very commonly found in the alluvium and quarried.

In simple language, the district is mostly covered by a thick pile of quaternary sediments. Quaternary sediment has been classified into (1) Older Alluvium and 2) Newer Alluvium. The older Alluvium is of Middle to Later Pleistocene age. Newer Alluvium of Holocene age comprises of two units (1) Terrace Alluvium and (2) Channel Alluvium. The district is poor in minerals.`

The general geological sequence of the formation is given below-

Group	Age	Formation	Lithology
Quaternary	Recent to Upper Pleistocene.	Newer Alluvium	Fine Sand, Silt & Clay
	Upper Pleistocene to Lower Pleistocene	Older Alluvium	Clay with Kankar and of different grades
Purana	Pre- Cambrian	Vindhyan	Sand stones & Shale and Lime stone

The sediments of newer alluvium are mainly arenaceous in nature and are found in topographically lower region. These sediments are loose, unconsolidated, flood plain deposits or back swamp deposits and are confined in narrow strips all along the present drainage system i.e Saryu river comprises mainly micaceous minerals while in South-Western part along the bed of the river, the younger alluvium material resembles minerologically to older alluvium. The younger alluvium occupying extreme southern parts of the district differs in composition.

PANKAJ PANDE
RQP/DDN/088/05/A

Local/ Mine Geology -

The facieses of the deposits are sandy, silty, and clayey. The soil of area is loamy type. pH ranges from neutral to slight alkaline with all general characteristic of Indo Gangetic plain viz alluvial in nature, low conductivity and less carbon content suitable for brick making.

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) = 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 **4.11858** hectares area

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

PANKAJ PANDE
RQP/DDN/086/05/A

Table No. 1.

MINEABLE RESERVES

Sl No.	Gata No.	Total Area (ha)	Area Left for Berm (ha)	Area Considered for Mining (ha)	Depth as per Agreement (m)	Top Soil (0.20mtr) (cum)	Extractable Quantity of Soil (cum)	Agreement Period
1.	23 व	0.3095	0.03095	0.27855	1.5	557	3621	5 Years
2.	155	0.350	0.035	0.315	1.5	630	4095	5 Years
3.	34 व	0.2232	0.02232	0.20088	1.5	402	2611	5 Years
4.	218	1.036	0.1036	0.9324	1.5	1865	12121	5 Years
5.	210	1.1355	0.11355	1.02195	1.5	2044	13285	5 Years
6.	167	0.1700	0.017	0.153	1.5	306	1989	5 Years
7.	82	0.405	0.0405	0.3645	1.5	729	4739	5 Years
8.	167	0.947	0.0947	0.8523	1.5	1705	11080	5 Years
Total		**4.5762**	**0.45762**	**4.11858**		**8238**	**53541**	

Soil Brick (Brick making by chimney Bhatta) in tonnes = volume * bulk density

Brick Soil in Tonnes = **53541** × 1.2

= **64249 Tonnes**

PANKAJ PANDE
RQP/DDN/036/05/A

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	10708
2nd	10708
3rd	10708
4th	10708
5th	10708
Total	**53540**

PANKAJ PANDE
RQP/DDN/086/05/A

d) Development proposed for the Project of the Plan:

Ist Year:

From the proposed mine site 10708 cum per annum earth clay will be excavated from the area for achieving a production of 4283200 bricks.

IInd Year:

From the proposed mine site 10708 cum per annum earth clay will be excavated from the area for achieving a production of 4283200 bricks.

IIIrd Year:

From the proposed mine site 10708 cum per annum earth clay will be excavated from the area for achieving a production of 4283200 bricks.

IVth Year:

From the proposed mine site 10708 cum per annum earth clay will be excavated from the area for achieving a production of 4283200 bricks.

Vth Year:

From the proposed mine site 10708 cum per annum earth clay will be excavated from the area for achieving a production of 4283200 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 10% of total area (including all Gatas) has been considered as a barrier zone and remaining 90% of total Gata has been considered as a mineable zone. The Mineable area is 4.11858ha & barrier zone is 0.45762ha. Thus total lease area is 4.5762ha.

Reclamation/Rehabilitation:

Not applicable

4.6 **Post Mining Land use:**

Not applicable

II **Dump area:**

Not applicable

PANKAJ PANDE
RQP/DDN/086/05/A

(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.

PANKAJ PANDE
RQP/DDN/086/05/A

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 106mRL whereas level of ground water table is around 10meters below from general ground level thus ground water table in the area is at around 96mRL. 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.

PANKAJ PANDE
RQP/DDN/086/05/A

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.

PANKAJ PANDE
RQP/DDN/086/05/A

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	:	27
Total:		**29**

PANKAJ PANDE
RQP/DDN/066/05/A

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 **53540cum** 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.

PANKAJ PANDE
RQP/DDN/088/05/A

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	4.5762			
	Total	**4.5762**	-	-	-

(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 10m 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.

PANKAJ PANDE
RQP/DDN/086/05/A

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.

PANKAJ PANDE
RQP/DDN/088/05/A

1.0 PROGRESSIVE MINE CLOSURE PLAN

1. Introduction:

a) Name of Lessee/Applicant: **Mr. Arshad Hussain (Prop.)**

S/o- Mr. Gulam Rasul

R/o-Village & Post- Chistipur Khorhasa ,

District-Gonda (U.P.)

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

b) Status of Lessee: Proprietorship Firm

c) Location: The lease hold falls in Village-Chistipur, Firozpur & Vishunagar which is about 8.60km (aerial distance) towards SE direction from Gonda district headquarter on State Highway-30 (Katra-Gonda Road). State Highway-30 passes at distance 1.60Km* towards west direction from project site. The location plan is enclosed as **Plate No. 1).**

d) Extent of Lease area: **4.5762Ha.**

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	4.5762	-	-	-
	Total	**4.5762**	-	-	-

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
RQP/DDN/086/05/A

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:

Mr. Arshad Hussain (Prop.)

S/o- Mr. Gulam Rasul

R/o-Village & Post- Chistipur Khorhasa ,

District-Gonda (U.P.)

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

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

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

Mr. PankajPande

SahajSahyog Consultants (P) Ltd.,

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

Phone No. 9415102339, 0522-4011565(O)

Registration No. RQP/DDN/086/95A

Valid upto : 14.02.2021

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.

PANKAJ PANDE
RQP/DDN/086/95/A

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 106mRL. 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.

PANKAJ PANDE
RQP/DDN/036/05/A

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 exist 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 10m below the ground level. Water table aquifer in the area is unconfined & is controlled by the joints, fractures and shear zone. Hydro geological studies of the area have 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.

PANKAJ PANDE
RQP/DDN/086/05/A

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 with in 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, bridges are not existing with in the applied area. So question does not arise for their restoration. The approach road passed with in 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 their 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.

PANKAJ PANDE
RQP/DDN/086/05/A

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 2.5m (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 can not 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.

PANKAJ PANDE
RQP/DDN/086/05/A

5.0 Economic Repercussions of Closure of mine and manpower retrenchments:

5.1. About 10 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 became unemployed. However there basic occupation will not effect 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/DDN/036/05/A