1. Executive summary:

S.No.	Information	Details
1	Project Name	Mining of Yellow/Balui Soil from Gata No 283,286, 285Mi, 288, 192, 31/7,32/7 and 33/2 in Village Manikpur Damotikhera, Tehsil Bindki, District Fatehpur (Mining Area 3.9035)
2	Project Proponent	**M/s Sushil Kumar S/o Hari Kumar**, R/o Paigumburpur, Bindki, Fatehpur
3	Location	Gata No 283,286, 285Mi, 288, 192, 31/7,32/7 and 33/2
4	Village	Manikpur Damotikhera
5	District	Fatehpur
6	State	Uttar Pradesh
7	Name of the Mineral Mined	Yellow / Balui Soil
8	Method of Mining	Semi-mechanised using JCB and Poclain
9	Water requirements and source	5 KLD
10	Lease Period	2 YEARS

2. INTRODUCTION OF THE PROJECT/ BACKGROUND INFORMATION

(i) Identification of project and project proponent. In case of mining project, a copy of mining lease/letter of intent should be given.

Name of project: Yellow Soil mining project

Location of Project: Gata No 283,286, 285Mi, 288, 192, 31/7,32/7 and 33/2
Village – Manikpur Damotikhera, Tehsil - Bindki, District -Fatehpur, U.P.

Soil Mining Details :

Mine Lease area : 3.9035 Ha

Name and address of the project proponent:

Mr. Sushil Kumar
S/o Hari Kumar
R/o Paigumbarpur, Bindki, Fatehpur,U.P.

(ii) Brief description of the nature of project

The project of Soil mining from the Non- Forest agricultural Land within the mining lease area has been proposed by Mr. Sushil Kumar.
Mining Lease of the area is 3.9025 Ha for excavation of Yellow Soil at Gata No. :- 283,286, 285Mi, 288, 192, 31/7,32/7 and 33/2, Village – Manikpur Damotikhera, Tehsil - Bindki, District -Fatehpur, U.P.

Need for the project and its importance to the country and or region:

Building huge infrastructure as being envisaged by Government of India particularly in road, dams and housing sector requires basic building material. The mining activities as proposed are the backbone of all construction and infrastructure projects as the raw material for construction is available only from such mining. The mineral extracted is highly in demand in local market for road construction. The mined out Soil will be used for filling up of pits in local area.

Demand supply Gap:

The demand for soil is ever growing with the growth of the infrastructure sector in our country. The mineral is used in the construction activities like roads, buildings, bridge, etc. The requirement for the mineral is always high in the nearby cities and towns. Therefore there is always a good demand of the mineral in the domestic market.

(iii) Import vs. Indigenous production

No import has been proposed for the Soil as State has enough reserve.

(iv) Export Possibility:

There is no proposal to export the mineral as the minerals extracted cater the indigenous demand and the development is a never ending process.

(v) Domestic / Export Markets:

There is always an ever increasing demand of these minerals in the domestic market. The proposed mining activities are for indigenous consumption only.

(vi) Employment Generation (Direct and indirect) due to project:

Yes, through this project people will get employment. The project directly generates the employment for the local people and indirectly for the others. Also the marketing of the product generates the employment for people. By this project approximately 10 persons employed directly on project site.

3. PROJECT DESCRIPTION:

(i) Type of project including interlinked and interdependent projects, if any:

The mined out Soil will be used for filling up of pits in local area.

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

The proposed project site is strategically located in the Tehsil - Bindki, District -Fatehpur, U.P. The following are the coordinates of the proposed project site:

Gata	Latitude	Longitude
283	26°10'15.228"N	80°35'2.808"E
286	26°10'12.606"N	80°34'58.404"E
285 Mi	26°10'14.406"N	80°34'59.97"E
285 Mi	26°10'15.006"N	80°35'1.044"E
285 Mi	26°10'14.358"N	80°34'55.74"E
288	26°10'13.218"N	80°34'54.678"E
288	26°10'13.806"N	80°34'54.48"E
192	26°10'15.786"N	80°34'54.294"E
31/7	26°10'13.614"N	80°35'3.93"E
32/7	26°10'15.228"N	80°35'2.808"E
33/2	26°10'13.524"N	80°35'3.366"E

The google images of the proposed site are annexed with this report.

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

No other site is considered for the proposed project. The land has been leased out by farmer to the project proponent for soil mining only.

(iv) Size or Magnitude of operation.

The mine lease area is spread over 3.9035 Ha.

(v) Project description with process details (a schematic diagram/ flow chart showing the project layout, components of project etc. should be given)

It will be an opencast semi mechanized mining using JCB and Poclain. Soil excavation will be done at the proposed site. The mined out Soil will be used for filling up of pits in local area. It is also proposed that the excavation would be done maximum up to 2.0 m.

(vi) Raw material required along with estimated quantity, likely source, marketing area, of final product/ s, mode of transport of raw material and finished product.

Soil itself is the raw material and the finished product, which will be excavated and used The mined out Soil will be used for filling up of pits in local area.

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

The entire area consists of Soil. All the quantities to be exploited will be used in making aggregate. Therefore, generation of waste is nil.

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

Water requirement: Water required for the project per day will be around 5 KLD which will be sourced from nearby villages through tankers.

Energy power source: Solar panel will be used for site office.

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

Waste generation and disposal of waste.

Only domestic wastes water in small quantities will be generated from the office toilets, which will be disposed in soak pit.

4. SITE ANALYSIS

(i) Connectivity:

Road:

(ii) NH2 – 3 km, East

(iii)ManikpurShivrajpurVillage Road-66 m, North

Railway Station:

(iv) Aung Railway Station:4.5 KM East
(v) Bindki Road Railway Station – 6.2 Km, South
(vi) Karbigwan Railway Station: 9.5 Km North
(vii) Prempur Railway Station – 15 KM NW

Airport:

(viii) Kanpur Airport –31Km, North
(ix) Lucknow Airport – 71 Km, NE

Land form, land use and land ownership.

Land form & land use: Proposed land form is almost open plain, sloping gently from North to South in the Western side & Northwest to West in the Eastern side. It is used for cultivation of vegetables and fruits as in case of prime agriculture land due to favorable soil quality.

Land ownership: The land/ project site is on agreement which is granted to Mr. Sushil Kumar, Project proponent, R/0 Paigumbarpur, Fatehpur UP.

(x) Topography (along with map)

The proposed mine lease area is slightly undulated. The google maps are annexed with this report.

(xi) Existing land use pattern (agriculture, non agriculture, forest, water bodies (including area under CRZ)), shortest distances from the periphery of the project to periphery of the forests, national park, wild life sanctuary, eco sensitive areas, water bodies (distance from the HFL of the river), CRZ. In case of notified industrial area, a copy of the Gazette notification should be given

It is an agricultural land. There is no forest, National park, Wild life sanctuary, Eco sensitive areas, Water bodies within 5 km radius from the periphery of proposed project area.

(v) Existing infrastructure:

Water Body/River:

Canal – 560 m, North East
Ganga River –2.3 Km, East

Temple/Mosque:

Lord SriKrishna Temple, Shivrajpur: 600 meterEast.

Shiv MandirBadahar –2.5Km,West
Jai Mahamaya Temple, Abhaypur –3.0, Km, South
Santoshi Mata Mandir, Ravatpur – 3.8 KM South
AshrafiMazar: 5.1 KM South
EidgaahBindki – 15 KM South

EDUCATION-
School:
Primary SchoolManikpur :1.1km, North East
Primary School, Thanpur- 1.3Km, North
SSRB Public School- 6.0 Km, East

HEALTH-
Hospital:
Govt Hospital, Bindki– 15 Km, South
Primary Health Centre, Shivrajpur –1 Km, SE

(vi) Climate data from secondary sources:

The climate of the district is characterized by a hot summer and a pleasant winter. The cold season from about middle of November to February is followed by hot season from March to middle of June. The period from mid-June to the end of September is south-west Monsoon season. The average annual rainfall in the district is 906.2mm.(35.68”) The rainfall varies from 870.3mm.(34.26”) at Fatehpur to 926.8mm.(36.49”) at Khaga. The highest rainfall 168% of the normal occurred in 1915 and lowest rainfall 60% of the normal occurred in 1918.

(vii) Social infrastructure available:

Water supply:
Hand pumps, wells &tube wells are the source of water in area. They use agriculture and house hold purpose. The mining staff shall use water from well. This water will be supplied from the nearby area.

Electrification-
Village Manikpuris well connected with electricity while mining area is not connected with electricity.

Education
School:
Primary SchoolManikpur :1.1km, North East
Primary School, Thanpur- 1.3Km, North
SSRB Public School- 6.0 Km, East

Health
Hospital:
Govt Hospital, Bindki– 15 Km, South
Primary Health Centre, Shivrajpur –1 Km, SE

Bus stop
Nearest bus stop – Hajipur Bus Stop – 3.2 Km, West

5. PLANNING BRIEF

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

The present project is of soil mining.

(ii) Population Projection

There will be no increase in population due to the project. The project will employ mostly workers from nearby villages.

(iii) Land use planning (breakup along with green belt etc.)

At present the area comes under the agricultural land. During start of mining operations the top soil will be scrapped and stacked in the berm zone. At the end of mining the mining area will be reclaimed by spreading the top soil. Green belt will be developed in consultation with gram panchayat .

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

Physical

Condition of roads is moderate and needs to upgrade.

Social:

- The good number of educational facilities is available in the study area.
- Medical facilities are lacking.

(v) Amenities/ Facilities

Rest shelters, Mobile Toilets, drinking water facilities, first aid facilities, and regular medical checkup facilities will be provided for labors.

5. PROPOSED INFRASTRUCTURE

(i) Industrial Area (Processing Area).

The project is mining project and hence temporary site office will be constructed.

(ii) **Residential Area (Non Processing Area)**

No residential area is proposed.

(iii) **Green Belt:** Plantation will be done along the village roads in consultation with Gram Panchayat and the mined out area will be reclaimed by spreading the top soil, which will be later on used for farming/plantation.

(iv) Social Infrastructure

CER fund will be utilized for development of infrastructure in the nearby community.

Connectivity (Traffic & Transportation Road/ Rail/ Metro/ Water Ways etc)

Road:

(i) NH2 – 3 km, East
(ii) Manikpur ShivrajpurVillage Road-66 m, North

Railway Station:

(iii)Aung Railway Station:4.5 KM East
(iv)Bindki Road Railway Station – 6.2 Km, South
(v) Karbigwan Railway Station: 9.5 Km North
(vi)Prempur Railway Station – 15 KM NW

Airport:

(vii) Kanpur Airport –31Km, North
(viii) Lucknow Airport – 71 Km, NE

(v) Drinking Water Management (Source & Supply of Water)

Drinking water is available in the nearby area and so through tankers water will be sourced.

(vi) Sewerage System

No sewage waste is expected from the mining process. However, makeshift toilets will be provided to the workers, the small quantity of waste generated will be disposed off via septic tanks.

(vii) Industrial Waste Management

No industrial waste will be generated

(viii) Solid Waste Management

Mining is proposed to carry out by opencast semi - mechanized method in the mining lease area. No as such waste shall be generated during course of mining.

(ix) Power Requirement & Supply/ Source

Mining activities will take place during morning hours. The mining would be of Semi mechanized type. Transportation will be done through the dumpers or tractor/trucks operating on diesel. No power is required.

6. REHABILITATION AND RESETTLEMENT (R & R) PLAN

(i) Policy to be adopted (Central/ State) in respect of the project affected persons including home oustees, land oustees and landless laborers (a brief outline to be given)

It is not applicable for this project, so rehabilitation and resettlement plan is not required.

7. 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).

Mining schedule will be started after the EC is granted. And mining activities will be done as per the mining plan.

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

The project cost estimated to be 3.0 lakhs.

8. 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 project will bring Economical benefits to the state by the way of royalty for mineral and people by the way of direct employment (10 labors) and opportunities. The mine management will be helping nearby village by providing aid to school, conducting medical and social awareness camps, helping in formation of self-help groups etc especially keeping in the view the tribal and economically backward population in the area as part of its corporate social responsibility. Thus project will bring out socio-economic improvement of the area and will prove beneficial to the area.