जिला खनन कार्यालय, शिवहर

"जिनसे संबंधित हो"

प्रमाणित किया जाता है कि मेसर्स अहलूवालिया कॉन्ट्रैक्ट्स इंडिया लिमिटेड, अधिकृत हस्ताक्षरकर्ता– श्री आशुतोष झा, पता फ्लैट नं0– 301, राम निकेतन अपार्टमेंट, सहदेव पथ, वेस्ट पटेल नगर, एल0बी0एस0 नगर, जिला– पटना, बिहार– 800023 द्वारा मौजा– अदौरी, अंचल– पुरनहिया, जिला– शिवहर, थाना नं0– 89, खाता सं0– 271 एवं 1024 प्लॉट सं0– 4279 एवं 4494 रकवा– 0.80 हेक्टेयर क्षेत्र पर साधारण मिट्टी उत्खनन हेतु पर्यावरणीय सहमति प्राप्त करने के लिए आवेदन पत्र दाखिल करना चाहते है।

साधारण मिट्टी खनन किये जाने वाले उपरोक्त क्षेत्र कलस्टर में नहीं है। इस क्षेत्र के अतिरिक्त 500 मी0 के अंदर में कोई अन्य खनन पट्टा स्वीकृति हेतु आवेदन पत्र आवेदित नहीं है।

यह प्रमाण पत्र केवल पर्यावरणीय स्वीकृति के लिए मान्य है।

ह0/-

खनिज विकास पदाधिकारी
जिला खनन कार्यालय
शिवहर।

ज्ञापांक 243 /एम0, दिनांक 18/3/2026

प्रतिलिपि: मेसर्स अहलूवालिया कॉन्ट्रैक्ट्स इंडिया लिमिटेड, अधिकृत हस्ताक्षरकर्ता– श्री आशुतोष झा, पता फ्लैट नं0– 301, राम निकेतन अपार्टमेंट, सहदेव पथ, वेस्ट पटेल नगर, एल0बी0एस0 नगर, जिला– पटना, बिहार– 800023 को सूचनार्थ।

18/3/26

खनिज विकास पदाधिकारी
जिला खनन कार्यालय
शिवहर।

जिला खनन कार्यालय, शिवहर

पत्रांक..... /एम0, दिनांक.....

सेवा में,

M/s Ahluwalia Contracts India Ltd.
Authorized Signatory
Shri Ashutosh Jha
Flat No.- 301, Ram Niketan Apartment,
Sahdeo Path, West Patel Nagar,
LBS Nagar, Patna, Bihar- 800023

विषयः– खनन योजना **(Mining Plan)** अनुमोदन के संबंध में।

महाशय,

उपर्युक्त विषय के आलोक में कहना है कि शिवहर जिलान्तर्गत पुरनहिया अंचल के मौजा– अदौरी थाना संख्या– 89 खाता संख्या– 271 एवं 1024 खेसरा संख्या– 4279 एवं 4494 रकबा– 0.80 हेक्टेयर में लघु खनिज साधारण मिट्टी के खनन हेतु प्रस्तुत खनन योजना का अनुमोदन संयुक्त सचिव, खान एवं भूतत्व विभाग, बिहार, पटना के पत्रांक– 4156/एम0, दिनांक 27.12.2016 के आलोक में निम्न शर्तों के साथ अनुमोदन किया जा रहा है।

1. खनन योजना का अनुमोदन 13,320 घन मी0 एक वर्ष तक साधारण मिट्टी के उत्पादन हेतु अनुमान्य किया गया है।
2. खनन कार्य से पूर्व सक्षम प्राधिकार से पर्यावरणीय स्वीकृति लेना अनिवार्य है।
3. खनन कार्य से पूर्व संबंधित जिला खनन कार्यालय में रॉयल्टी जमा कर खनन की अनुमति लेना अनिवार्य है।
4. खनन कार्य हेतु सम्बंधित विभागों/संस्थाओं से अनापत्ति पत्र आवश्यक होगा।
5. साधारण मिट्टी खनन की गहराई सतह से 2 मीटर से अधिक नही होगा।
6. खनन कार्य ग्राउण्ड वाटर लेवल से कम से कम 2 मीटर उपर तक ही सीमित रखा जाएगा।
7. प्रस्तावित उत्खनन की गइराई के कम से कम आधे के बराबर चौड़ाई रखने वाले सटे मैदानों की सीमा से पटरी छोड़ दी जाएगी।
8. ईट निर्माण, पथ निर्माण, तटबंध निर्माण आदि के प्रायोजनार्थ ईंट मिट्टी और साधारण मिट्टी के खनन/ उत्खनन से संबंधित किया–कलाप में विस्फोटक का प्रयोग नहीं होगा।
9. खनन/ उत्खनन संबंधी किया–कलाप कार्य क्षेत्र के सामान्य जल निकासी के प्रतिरूप (पैटर्न) को परिवर्तित नही करेगा।
10. खोदे गए/ उत्खनित गड्ढा (पिट) को परियोजना प्रस्तावक द्वारा उपयोगी प्रयोजन (प्रयोजनों) के लिए पुनः स्थापित किया जाएगा।
11. खोदे गए/ उत्खनित गड्ढा के चारों ओर समुचित घेराबंदी कर दी जाएगी, ताकि किसी दुर्घटना से बचा जा सके।
12. ढुलाई के दौरान खोदी गई/ उत्खनित मिट्टी के फैलने से धूल उत्सर्जन को रोकने के लिए उपाय किए जाएगें।

13. मिट्टी के खनन/ उत्खनन के कारण सृजित जल निकायों में रोग वाहकों (वैक्टर) के प्रजनन के कारण स्वास्थ्य खतरों के विरूद्ध सुरक्षा मानक अपनाये जाएंगे।

14. कामगारों/ मजदूरों को पेयजल और सफाई संबंधी सुविधाएँ प्रदान की जाएँगी।

15. किसी उत्खनन क्षेत्र की परिधि से किसी आर्सेनिक संरचना की दूरी कम से कम 15 मीटर रखी जाएगी।

16. राष्ट्रीय पार्कों और वन्य प्राणी अभ्यारण्य की सीमा के 1 किलोमीटर के अन्दर उत्खनन के क्षेत्र के मामले में ईंट मिट्टी अथवा साधारण मिट्टी के खनन/ उत्खनन की अनुमति नहीं दी जाएगी।

17. खनन योजना मे खनन कार्य बेंच बना कर किया जाएगा जिसकी अधिकतम उँचाई 2 मी0 एवं चौडाई कम से कम 3 मीटर होनी चाहिए।

18. खनन कार्य के दौरान निकाले गये टॉप स्वायल को व्यवस्थित रूप से एकत्रित कर रखा जाएगा, जिसे खनन कार्य समाप्त होने के उपरान्त उसी क्षेत्र में फैला दिया जाएगा।

19. खनन योजना में वर्णित भूमि के स्वामित्व तथा भूस्वामियों की सहमती से संबंधित अभिलेखों की पूष्टि करा लिया जाना अपेक्षित होगा।

20 भविष्य में किसी प्रकार की कोई भी गलती खनन योजना अथवा कार्य में पायी जाएगी तो खनन योजना स्वतः निरस्त माना जाएगा।

ह०

खनिज विकास पदाधिकारी,
जिला खनन कार्यालय,
शिवहर।

ज्ञापांक 243 /एम0, दिनांक 18/3/20

प्रतिलिपिः– M/S PRANEJA ENVIROCARE & MANAGEMENT PVT. LTD., ASHIYANA, KHAJPURA, PATNA-800014 को सूचनार्थ प्रेषित।

18/3/20

खनिज विकास पदाधिकारी,
जिला खनन कार्यालय,
18/3/20 शिवहर।

Mining Plan

&

Mine Closure Plan

Minor Mineral- Ordinary Earth

Submitted under rule (17) of Bihar Minerals (Concession, Prevention of Illegal Transportation & Storage) Rules, 2019 amended till date

(Category-B2 as per EIA notification 2006 amended till date)

MAUZA- ADAURI, BLOCK- PURNAHIYA,
DISTRICT- SHEOHAR (BIHAR)

Total Lease Area: 0.80 Ha. (1.99 Acres)

Plan Period: 01 Year

Applicant

M/s Ahluwalia Contracts India Ltd.
Sri Ashutosh Jha
(Authorized Signatory)
Flat No.- 301, Ram Niketan Apartment,
Sahdeo Path, West Patel Nagar,
LBS Nagar, Patna, Bihar
Mob: +91-7004286373

Prepared by

M/s Praneja Envirocare & Management Pvt. Ltd.
Ground, Opp. Vamika Apartment,
Near Passport Office, Ashiyana,
Khajpura, Patna-800014 (Bihar)
Ph. 0612-2581824, 9708251824
email: - pemanagementindia@gmail.com
RQP: Sl. No.-30/ M.No. - 3825 DT. 07.11.2019

APPROVED
District Mining Officer
Sheohar
8/3/26

CERTIFICATE

I **Ashutosh Jha** (Authorized Signatory) of **M/s Ahluwalia Contracts India Limited** resident Flat No.- 301, Ram Niketan Apartment, Sahdeo Path, West Patel Nagar, LBS Nagar, Patna, Bihar- 800023, the lease/land holder of Soil Mining project for Soil (Mineral) over **0.80 Hectares, in Adauri mauza in Purnahiya block of Sheohar district** hereby solemnly affirm that the plans and programs in this Mining Plan will be scrupulously implemented by me/us and I/We will be strictly held responsible for any deviation thereof. I/We also hereby certify that the provisions of Mines and Minerals (Development and Regulation) Act 1957, and along with the provisions of Bihar Mineral (Concession, Prevention of Illegal Mining, Transportation and Storage) Rules, 2019 and subsequent amendment will be strictly adhered to while implementing this Mining Plan and wherever specific permissions will be required.

I/We will approach the concerned authorities of Director, Mines & Geology, Government of Bihar as the case may be.

Date: 2/2/2026
Place: Patna

Ashutosh Jha

M/s Ahluwalia Contracts India Limited
Authorized Signatory

AUTHORISATION LETTER BY THE APPLICANT

I **Ashutosh Jha** (Authorized Signatory) of **M/s Ahluwalia Contracts India Limited** resident Flat No.- 301, Ram Niketan Apartment, Sahdeo Path, West Patel Nagar, LBS Nagar, Patna, Bihar-800023hereby do authorize **M/s. Praneja Envirocare & Management Pvt. Ltd, RQP** to prepare the Mining Plan submitted under the notification of Ministry of Environment, Forest and Climate Change & Rule No 17 of Bihar Minerals (Concession, Prevention of Illegal Mining, Transportation & storage) Rules 2019 amended till date in respect of ***Mauza- Adauri, Block- Purnahiya, District-Sheohar, Bihar***

I request The Directorate, Mines and Geology, Bihar government to make further correspondence regarding Mining Plan to answer your query and clarification to the RQP. He is also authorized to collect approved mining plan.

Name of RQP: **M/s. Praneja Envirocare & Management Pvt. Ltd, Memo No. – (Sl. No.- 30/ M. No.- 3825 DT. 07.11.2019 of Dept. of Mines & Geology, Govt. of Bihar).**

Praveen Kumar Roy (M.E.)
Mob: 9708251824,
Adress: Ground Floor, Opp. Vamika Apartment,
Near Passport Office, Ashiyana,
Khajpura, Patna-800014 (Bihar
Email ID : pemanagementindia@gmail.com

Date: 2/2/2026
Place: Patna

Ashutosh Jha

M/s Ahluwalia Contracts India Limited
Authorized Signatory

CONTENT

SL.NO.	PARTICULARS
1.	Introduction
2.	Project Description
3.	Location, General and Accessibility
4.	Geology & Exploration Topography
5.	Mines & Mining Method
6.	Drilling and blasting
7.	Mine Drainage System
8.	Stacking of Mineral Rejects and Waste Disposal Arrangements
9.	Anticipated Environmental Impacts, Mitigation Measures and Environmental Management Plan
10.	Mine Closure Plan

LIST OF ANNEXURES

SL. NO.	TITLES
1	Consent & Declaration
2	Notifications & Copy of RQP Certificate
3	I.D. of Applicant
4	Copy of Work Order/ Sanction/LoI
5	Copy Of Land Agreement / Deed/ Revenue Receipt
6	Location Map/Cadastral Map/ Khasra Map
7	Notification of EC exemption for linear project
8	Google Map Map & key Plate Plate

Ashutosh Jha

PRANEJA ENVIROCARE & MANAGEMENT PVT. LTD. ★ RQP ★

CHAPTER-1

1. INTRODUCTION

<table>
<tr><td>1.1</td><td>Applicant Name & Full address

Contact No. & E-mail ID</td><td>M/s Ahluwalia Contracts India Limited
Sri Ashutosh Jha
(Authorized Signatory)
Flat No.- 301, Ram Niketan Apartment,
Sahdeo Path, West Patel Nagar,
LBS Nagar, Patna, Bihar- 800023,
Mob: +91-7004286373, 9934090494</td></tr>
<tr><td>1.2</td><td>Applicant's post/social status</td><td>Proprietorship/Partnership</td></tr>
<tr><td>1.3</td><td>Mineral or Minerals which the applicant intends to mine</td><td>ordinary Earth</td></tr>
<tr><td>1.4</td><td>Applied area for mining lease</td><td>Mauza- Adauri, Block- Purnahiya, District- Sheohar, Bihar
<table>
<tr><td>Thana No.</td><td>Khata No.</td><td>Khesra No.</td><td>Area (Ha.)</td></tr>
<tr><td>89</td><td>271 & 1024</td><td>4279 & 4494</td><td>0.80</td></tr>
<tr><td colspan="3">Total</td><td>0.80</td></tr>
</table></td></tr>
<tr><td>1.5</td><td>Mineral (s) which are occurring in the area and which the applicant intend to mine</td><td>Ordinary Earth</td></tr>
<tr><td>1.6</td><td>Period for which mining lease granted/ renewed/ proposed to be applied</td><td>Validity: 1 Year</td></tr>
<tr><td>1.7.1</td><td>Name of RQP preparing the mining plan</td><td>M/s. Praneja Envirocare & Management Pvt. Ltd, Memo No. – (Sl. No.- 30/ M. No.- 3825 DT. 07.11.2019 of Dept. of Mines & Geology, Govt. of Bihar).
Praveen Kumar Roy (M.E.)
Mob: 9708251824</td></tr>
<tr><td>1.7.2</td><td>Address</td><td>Ground Floor, Opp. Vamika Apartment,
Near Passport Office, Ashiyana,
Khajpura, Patna-800014 (Bihar)</td></tr>
<tr><td>1.17.3</td><td>Mobile Number & E-mail ID</td><td>Mob: 9708251824
Email ID: pemanagementindia@gmail.com</td></tr>
<tr><td>1.8</td><td>Name of the prospecting agency</td><td>The base data and information is collected from various geological report of the department of Mines & Geology and local authorities as well as detailed prospecting of the area is carried out by the RQP</td></tr>
<tr><td>1.9</td><td>Reference No. and date of the grant / communication received from the state Govt.</td><td>RQP certificate copy as Annexed</td></tr>
</table>

Ashutosh Jha

PRANEJA ENVIROCARE & MANAGEMENT PVT. LTD. * RQP *

CHAPTER–2

2. PROJECT DESCRIPTION

2.1. JUSTIFICATION OF PROJECT

The proposed project is a mining of earth/ Soil at ***Mauza- Adauri, Block- Purnahiya, District- Sheohar, Bihar. The proposed project is having lease area of 0.80 Ha*** falls under Category- "B2" as per EIA Notification 14th September 2006 and subsequent amended, of the Ministry of Environment Forests & Climate Change, New Delhi.

The proposed production capacity of soil/ earth is ***13320 cum excavation for 1 Year.*** The proposed area is Rayati property. **(Land documents enclosed)**.

Earth soil shall be excavated and used uder the project "shri Ramjanmbhoomi Tritha Kshetra, Ayodhya at Punauradham, the birth place of mother Sita in sitamarhi district, Bihar". The project fall in category B2 and required environment clearance. (work order enclosed & EC exemption notification attached)

It is for this purpose that 'Mining Plan' is being drawn so that all its aspects are taken care of justifiably, according to law, protecting the environment, removing all adverse impacts, and creating a direct and indirect employment opportunities, improving socio- economic conditions of the local inhabitants and all-around status of life, achieving thereby a sustainable development.

2.2 BACKGROUND OF THE PROJECT

The Department of Mines & Geology, Bihar required under Bihar Minor Mineral (Concession, Prevention of illegal mining, transportation, and storage) Rules, 2019. The general conditions of mining lease for minor minerals are mentioned here below:

- ✓ Under rule 17(4) Approval and submission of mining plan- All mineral concession holder or the government/corporation as the case may be shall submit a mining plan duly prepared by an RQP and approved by the Director or any officer/ person/ academic institution/govt. agency authorized by the dept. in this regard within a period of three months from the date on which communication regarding grant of mineral concession is received or such other period as my be decided/ allowed by the dept. for the submission of the approved Mining Plan.
- ✓ While preparing the Mining Plan, proper attention has been paid to ensure that the relevant provisions under MMDR Act-1957, MMR-1961, and Mines Act-1952 & Mines Rule- 1955 have been followed. All safety measures, provided in the statue, will be taken into consideration. On 17-09-2019 Bihar govt. took its policy decisions vides notification no -4/v. Mu-20-93/ 18-3174/M. That all Mining Lease/Settle under rule 17 of the said rules, the Lessee shall submit a Mining Plan with Progressive Mine Closure Plan for approval to the competent officer, Department of Mines & Geology, Bihar.
- ✓ Mining operation to be in accordance with Environmental Clearance.
- ✓ For baseline data assistance has been taken from the data, available from local authority.

2.3 RESTRICTED AREAS FOR EARTH QUARRYING

I. The activity associated with mining / excavation of brick earth and ordinary Soil / earth for purpose of brick manufacturing, construction of roads, embankments etc. shall not involve blasting.
II. The mining / excavation activity shall be restricted to a maximum depth of 2m below normal ground level at the site.
III. The mining / excavation activity shall be kept above the ground water table at the site.
IV. The mining / excavation activity should not alter the natural drainage pattern of the area.
V. The mined/ excavated pit shall be restored by the project proponent for useful purpose(s).
VI. Appropriate fencing all around the mined / excavated pit shall be made to prevent any mishap.
VII. Measures shall be taken to prevent dust emission by covering of mined /excavated earth during transportation.
VIII. Safeguard shall be adopted against health risks on account of breeding of vectors in the water bodies created due to mining/ excavation of earth.

Ashutosh Jha

PRANEJA ENVIRO CARE & MANAGEMENT PVT. LTD. ★ RQP ★

IX. Workers / laborers shall be provided with facilities for drinking water and sanitation.

X. A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.

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

XII. No mining of earth / excavation of brick earth or ordinary earth shall be permitted in case the area of mining excavation is within 1km of boundary of national parks and wild life sanctuaries:

Ashutosh Jha

PRANEJA ENVIROCARE & MANAGEMENT PVT. LTD.
★ RQP ★

CHAPTER–3

3. LOCATION, GENERAL AND ACCESSIBILITY

3.1 LOCATION

(a) Details of the area

<table>
<tr><td>(i)</td><td>Lease-hold area</td><td></td></tr>
<tr><td></td><td>Location</td><td>Mauza- Adauri, Block- Purnahiya, District- Sheohar, Bihar
<table>
<tr><th>Thana No.</th><th>Khata No.</th><th>Khesra No.</th><th>Area (Ha.)</th></tr>
<tr><td>89</td><td>271 & 1024</td><td>4279 & 4494</td><td>0.80</td></tr>
<tr><td colspan="3">Total</td><td>0.80</td></tr>
</table>
Geo-Coordinates of the project sites
<table>
<tr><th>Block</th><th>Khesra</th><th>Point</th><th>Latitude</th><th>Longitude</th><th>Area (Ha.)</th></tr>
<tr><td rowspan="8">Block- 1</td><td rowspan="8"></td><td>A</td><td>26°37'44.55"N</td><td>85°17'3.18"E</td><td rowspan="8">0.80</td></tr>
<tr><td>B</td><td>26°37'47.93"N</td><td>85°17'3.78"E</td></tr>
<tr><td>C</td><td>26°37'47.42"N</td><td>85°17'5.04"E</td></tr>
<tr><td>D</td><td>26°37'47.87"N</td><td>85°17'5.31"E</td></tr>
<tr><td>E</td><td>26°37'47.09"N</td><td>85°17'7.16"E</td></tr>
<tr><td>F</td><td>26°37'46.32"N</td><td>85°17'6.83"E</td></tr>
<tr><td>G</td><td>26°37'46.33"N</td><td>85°17'6.27"E</td></tr>
<tr><td>H</td><td>26°37'44.07"N</td><td>85°17'5.31"E</td></tr>
<tr><td colspan="3"></td><td>Total</td><td>0.80 Ha.</td></tr>
</table>
</td></tr>
<tr><td>(ii)</td><td>Mining Lease Map</td><td>Mining lease Google Map is attached</td></tr>
<tr><td>(iii)</td><td>District & State</td><td>Sheohar district of Bihar</td></tr>
</table>

(b) Key plan of area: -

Key plan of the site.

Total mining area is completely outside of any restricted or protected area by any state or central government.

3.2 GENERAL

(a) Mineral being worked	Soil/Earth
(b) Period of Mining Lease	1 Year from the date of execution
(c) Category of Land used	Raiyati Land
(d) Range of Block Proposed area	**Area 0.80 Ha**
(e) Existing pits	There is no pit available in the proposed Applied Area.

3.3 ACCESSIBILITY

The district of Sheohar was carved out of Sitamarhi district on October 6, 1994 by the efforts of Sh. Raghunath Jha, a popular leader from this region. The district headquarters are located at Sheohar, and the district is a part of Tirhut Division. The district occupies an area of 443 km² with a population of 656,916 (as of 2011). Eminent Hindi Novelist, Dr. Bhagwati Sharan Mishra was the first District magistrate of Sheohar. Sheohar is the smallest district of the state of Bihar in terms of its geographical area (443 Sq. km). As per census of 2011, it is the second least populous district of Bihar after Sheikhpura. The district is in the

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northwestern part of North Bihar plains, with highly fertile land and abundant groundwater repositories. The economy of the district is mainly agricultural in nature. It is one of the most flood affected districts of Bihar. Dekuli is a holy place popular for ancient temple of lord Shiva.

TRANSPORT FACILITIES

National Highway 122 & SH-54 connect the district to the Muzaffarpur, Sitamarhi & Motihari districts. Shoehar has road connections to adjoining districts,

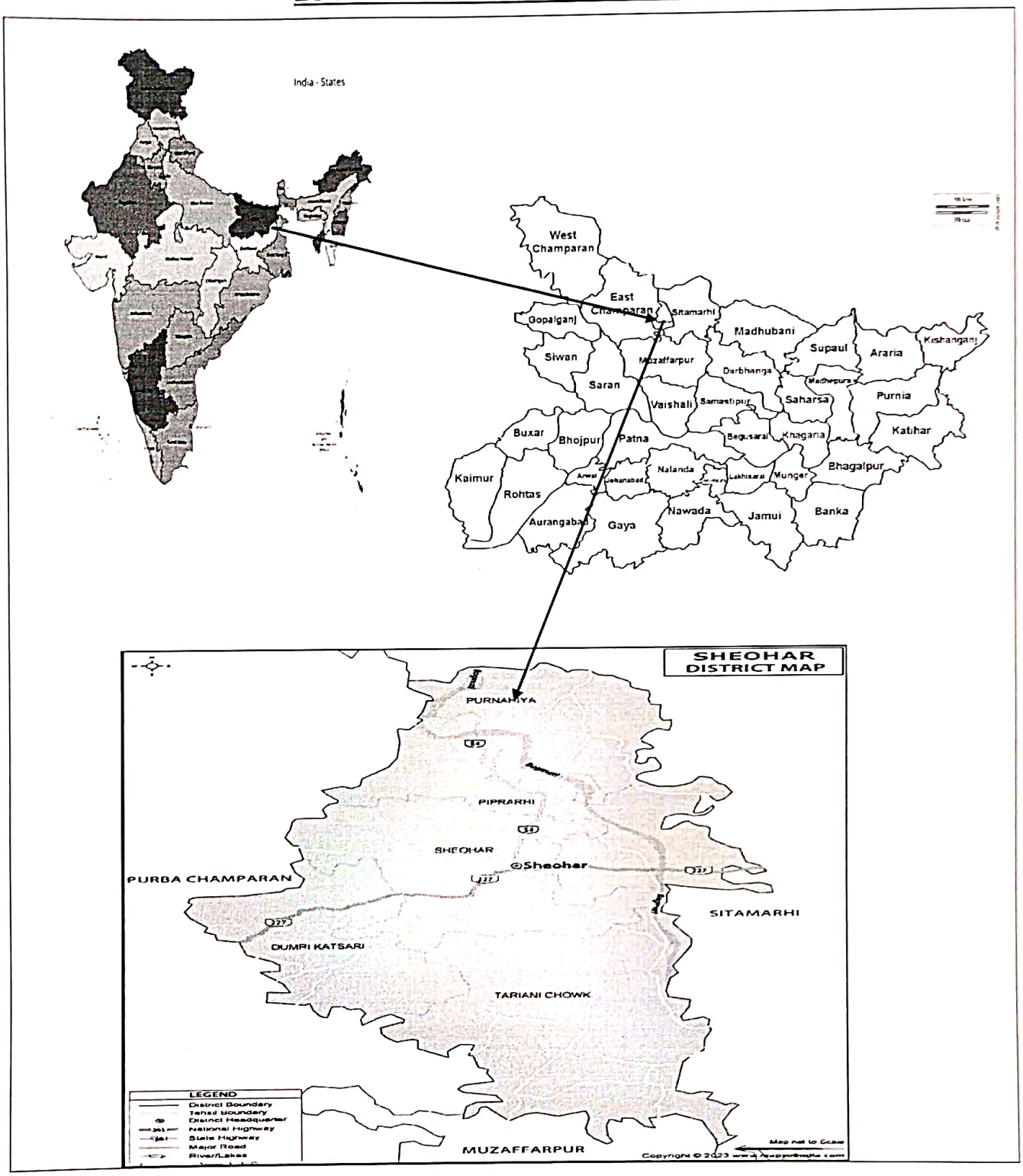
Sheohar currently lacks a direct railway station, so train travel involves reaching nearby major stations like Muzaffarpur (MFP), Sitamarhi, or Hajipur (for Patna access) by train, then taking a bus or taxi to Sheohar, with Muzaffarpur being a common hub. A new railway line connecting Sheohar to Sitamarhi is under progress.

The nearest airport to Sheohar is Darbhanga Airport 90 Km & Jaiprakash Narayan International Airport which is about 125 kilometres. Sheohar is connected to cities in and around Bihar by state-owned transport services. Some private buses also operate between Patna and Sheohar.

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LOCATION MAP OF THE MINE AREA



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CHAPTER-4

4. GEOLOGY & EXPLORATION TOPOGRAPHY

4.1 GEOLOGY

Local Geology: The district of Sheohar is one of the prolific aquifer system in the Gangetic alluvium of north Bihar plains. Quaternary unconsolidated sediments of the area consist of sand, gravel, pebbles constituting potential aquifer. The aquifer is found to be extensive regionally and occurs in the form of layers down below. Rainfall is the main source of ground water recharge. The sandy layer at the top acts as an unconfined aquifer upto a depth of 100m whereas the deeper aquifers are confined aquifers. The aquifers from the area are of very high potential. The regional slope of the water table is towards south-east.

REGIONAL GEOLOGY

Regionally, the area constitutes a part of the Ganga River Basin. The north-eastern part is predominantly characterized by sedimentary lithology in the Sub-Himalayan zone comprising Subathus, Dagshais, Kasaulis and Siwaliks. A general Regional stratigraphic sequence of the area is given below.

Geologically, it represents nearly two third of Bihar is under cover of Ganga basin composed of alluvium and masks the nature of basement rocks.

Geological succession and their Geographic distribution

Age	Geology	Geography
Quarternary	Alluvial deposits (Sand/ Clay, Silt, fragments)	North Bihar plain & Centre Bihar Plan
Tertiary	Sand, Stones and Clay stones	North Champaran Hills
Gondwana	Coal Measures forming a series of small outlier basins	Banka district
Vindhyans	Sand, stones shales, Limestone etc.	Geography part of Bhabhua and Rohtas district
Satpura	Schist, Phyllite, Quartzite	Part of Aurangabad, gaya, Nawada, Nalanda, Sheikhpura and Munger districts of Bihar
Proterozoic	Mica Schist, amphi-Bolitr, quartzite, Granite, dolerite and pegmatite	Nawada Jamui & Banka
Achaean	Gneisses, Granite, Schist, phyllite, amphibolite, quartzite and intrusive all metamorphosed Sedimentary and Igneous rocks	Parts of Aurangabad, Gaya, Nawada, Jamui, Banka and Bhagalpur

Nearly two third of Bihar is under cover of Ganga herein compared of alluvium and marks the nature of basement rocks.

4.2 PHYSIOGRAPHY

Sheohar district, located in the northern part Trihut division of Bihar State was carved out the old Sitamarhi in the year 1994 It is surrounded in the north and east by the district of Sitamarhi, in south by the district of Muzaffarpur and in west by the district of East Champaran. It is the smallest district in the states of Bihar both in terms of size of population and total area of the district. The district has only one subdivision viz. Sheohar and five C.D. Blocks viz., Sheohar, Piprarhi, Purnahiya, Dumri Katsari and Tariyani. Sheohar is the only town in the district. There are altogether 53 panchayats 203 villages in the district.

The district of Sheohar lies between N 26° 20' 50" and 26° 39' 45" and E 85° 10' 50" to 85° 23' 20" covering an area of 443 Sq. Kms It has an average elevation of 53 metres. The area falls in the Survey of India degree sheets 72F and toposheet nos. 72F/2, 3, 6 and 7.

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4.3 GEOMORPHOLOGY

The area has flat monotonous topography having regional slope (varying from 0.2 m/km to 0.08 m/km) towards South-East. The landform relief varies from 43.2 m amsl, near Bausi in north, to 35.1 m, near Hardi in south. Regionally, the area is flat with series of undulations present in the area. These minor undulations present in the area are outcomes of shifting of river Bagmati towards west along with the natural processes of degradation and aggradation. Some relief features such as paleo-channels, natural levees, back-swamps/flood plains of varying shape and sizes can be found in the area.

The area of Sheohar falls under the catchment area of Bagmati river which is known for its flood every year in her catchments. Other streams passing through the district are Kola Nadi, Balsundar Nala and Purani Dhar which are mainly avulsed channels of the river Bagmati. The drainage pattern is sub-parallel in the district. The area of Sheohar is underlain by thick sequence of unconsolidated sediments deposited during Quaternary period. These unconsolidated sediments mostly comprised of sands of various grades with occasional pebble beds.

In the exploratory drilling done by CGWB, in the Sitamarhi district where the same morpho stratigraphic unit is extending (as described above), many clay and sand sequences have been observed which may be due to multi-cyclic nature of deposition.

4.5 FOREST

Forest cover Area of Sheohar District is 20.58 (%)

4.6 VEGETATION:

There is no vegetation in the proposed area.

4.7 SOILS

Main soil type in the area is Udifluvent. Soil in the district has been grouped as soil of:

a.) Active alluvial plain- soils in this group are very deep, coarse to fine loamy, calcareous at places and with slight to moderate erosion. Taxonomically, this type of soil comes under Udifluvent soil and they occupy the central part of the district.

b.) Recent flood plain- soils in this group are very deep, fine loamy, calcareous, with slight erosion and severe flooding and surface texture is loamy. This soil is present in eastern and southern part of the district.

4.8 MINERAL RESERVES

Earth reserves have been estimated as per the standard procedures. The area of mining land and the average thickness of mineral are multiplied to get the volume. 10% area wise left for 1 m wide berm all along the periphery of mining land to get the available for actual mining. About 10% mining losses reserves blocked due to slope has been considered to get the mineable quantity. Detail of calculation is given ahead:

Mauza	Area in Ha	Area in Sq. m	Max^{m} depth (m)	Area of Berm left (10%)	Area Considered for Mining in Sq. m	Top soil in cubic meter	Reserves In cubic meter	
							Geological reserve	Mineable reserve
Block-1	0.8	8000	2	800	7200	1200	16000	13320
Total	**0.8**	**8000**	**2**	**800**	**7200**	**1200**	**16000**	**13320**

4.9 CLASSIFICATION OF RESERVES

All the quantity estimated as above is considered under proved (111 categories under UNFC classification) category

UNFC is a three-digit code-based system, the Economic viability axis representing the first digit, the Feasibility axis the second digit and the Geologic axis the third digit. The three categories of Economic viability have codes 1, 2 and 3 in decreasing order; similarly, the three categories of Feasibility viability have also codes 1, 2 and 3 while the four stages of geological assessment are represented by four codes i.e., 1 (detailed exploration), 2 (general exploration), 3 (prospecting) and 4 (reconnaissance). Thus, the highest category of resources under UNFC system has the code (111) and for lowest category the code is (334).

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40. GEOLOGICAL RESERVES

Particulars	Unit	
Total Area available for mining (As per document)	8000	Sq.m
Average Thickness considered	2	M
Total Volume of Mineral (Earth)	16000	Cum
Total Geological Reserves (Earth)	**16000**	Cum

4.11 MINEABLE RESERVES

Particulars	Unit	
Total Area available for mining (As per document)	8000	Sq.m
Peripheral Strip Area (Area wise 10% of total area)	800	Sq. m
Minable area	7200	Sq. m
Thickness of topsoil	0.15	M
Total topsoil	1200	Cum
Average Thickness considered for mining	1.85	M
Total Mineable Reserves	13320	Cum
Maximum production proposed for 1 Years	**13320**	**Cum**

The geological reserves have been for individual block. Geological reserves have been completed through cross sectional area method. The area of each section line is multiplied by strike influence to get the volume.

4.12 LIFE OF MINE

Life of mine is up to **1 Year**. During this period 13320 **cum** of earth shall be excavated and use for land filling work (Commercial) which does not require prior environment clearance.

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CHAPTER – 5

MINES & MINING METHOD

5.0 MINING

Mining will be done as per the guideline of **Bihar Mineral (Concession, prevention of illegal mining, Transportation & Storage) Rules, 2019**

- → This is an open-cast mining project. The operation will be carried semi- mechanized. The earth/soil will be collected in its existing form.
- → Mining will be carried out only up to depth of **2.0** bgl of above ground water level (whatever is less).
- → No drilling/ blasting is required as the material is loose in nature
- → Proper benching of 1 m height and 6-meter width will be maintained for mining block as per guideline M.M.R.-1961, under rule, 106.
- → Mining will be done only during the day time and completely stopped during the monsoon period.

5.1 RESTRICTION ON MINING

I. The activity associated with mining / excavation of brick earth and ordinary clay / earth for purpose of brick manufacturing, construction of roads, embankments etc. shall not involve blasting.

II. The mining / excavation activity shall be restricted to a maximum depth of 3m below normal ground level at the site.

III. The mining / excavation activity shall be kept above the ground water table at the site.

IV. The mining / excavation activity should not alter the natural drainage pattern of the area.

V. The mined/ excavated pit shall be restored by the project proponent for useful purpose(s).

VI. Appropriate fencing all around the mined / excavated pit shall be made to prevent any mishap.

VII. Measures shall be taken to prevent dust emission by covering of mined /excavated earth during transportation.

VIII. Safeguard shall be adopted against health risks on account of breeding of vectors in the water bodies created due to mining/ excavation of earth.

IX. Workers / laborers shall be provided with facilities for drinking water and sanitation.

X. A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.

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

XII. No mining of earth / excavation of 'brick earth' or ordinary earth shall be permitted in case the area of mining excavation is within 1km of boundary of national parks and wild life sanctuaries:

5.2 PROPOSEED METHOD OF MINING

The Mining will be carried out as per new minor mineral policy by Bihar Government. Only dry soil will be transported.

- → Excavation of soil/ earth will be done open cast semi- mechanized method.
- → No OB/ waste material will be produced at the mining site. The earth shall be exploited up to depth of 2.0eter only through the formation of bench height 1 meter & width 6 meters. An approach road having width 6 meters and gradient 1:12 shall be provided for the movement of loaded machineries & transportation of earth. Earth/Soil shall be exploited through semi-mechanized tool & filled into tractors /Trucks and transported to road development site.
- → No drilling/ blasting are required as the material is loose in nature.
- → Proper benching of 1 m height will be maintained.
- → Roads will be properly made and sprayed by water for suppression of dust.
- → Roads in the lease area for the movement of loaded trippers/ trucks will not have slopes more than 1 in 16.

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5.3 TRANSPORTATION PLAN

Dumper/Truck: -

- ✓ Every dumper /tractor will be provided with efficient brakes.
- ✓ Efficient audible warning devices will be provided with the vehicle.
- ✓ Every dumper /tractor will be under the charge of a competent person, authorized in writing by the manager.
- ✓ No person, other than the driver or his helper, if any, will ride on a dumper /tractor.
- ✓ No person will be permitted to ride in the running board of a dumper /tractor.
- ✓ The loaded dumpers /tractors will not be reversed on gradients.
- ✓ Sufficient stop blocks will be provided at every tipping point and these will be used on every occasion when material is dumped.
- ✓ Standard traffic rules shall be adopted and followed during movement of all dumpers /tractors.
- ✓ They shall be prominently displayed at relevant places in the opencast workings.
- ✓ When not in use, every dumper will be moved to and stood on proper parking places.
- ✓ No person will be permitted to work on a chassis of a dumpers /tractors, with the body in rest position, until after the dumpers /tractors body has been securely blocked-in position.
- ✓ No unauthorized person will be permitted to enter or remain in any turning points.
- ✓ While inflating tyres, suitable protective cages shall be used.
- ✓ Tyres will never be inflated by sitting either in the front or on the top of the same.
- ✓ While the vehicle is being loaded / unloaded on gradient, the same will be secured stationary by the parking brake, and other means suitably designed stopper block, which could be placed below the tyres.
- ✓ At least once in every two weeks the brakes of every dumper will be tested as below: -

Service Brake test: - The brake will be tested on a specified gradient and speed when the vehicle is fully loaded. The vehicle should stop within the specified distance when the brake is applied.

Parking brake test: - The parking brake shall be capable to hold the vehicle when it is fully loaded and placed at the maximum gradient. Maximum gradient of the roadway which is permitted only for a period of at least 10 minutes.

A record of such test will be maintained in a bound paged book and will be signed by the competent person carrying out the test. These records will be countered signed by the engineer and manager.

All vehicles shall be tested and examined once at least in every 6 months.

A notice shall be displayed outside every vehicle that "No Unauthorized Travelling Allowed".

Duties of dumpers /tractors operators: -

At the commencement of every shift, the operator shall personally inspect and test the machine, paying special attention to the following details: -

i. Tyre pressure, brakes, horn and the Lights are in working order.

ii. The driver will neither take out the machine for work nor will he work the machine unless he is satisfied that it is mechanically shown and in efficient working order.

iii. The driver will maintain a record of every inspection made in a bound paged book, kept for the purpose and shall sign every entry made their in.

iv. The driver will keep the cab window clean so to ensure clear vision at all times.

v. Driver will ensure that the gear is in neutral position before stopping the engine. He will park the vehicle

vi. In reverse gear, on level roads and down gradients.

vii. In low gear, on up gradients.

viii. The driver will negotiate downhill gradients in low gear, so that minimum of braking is required.

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ix. The driver will not drive too fast, avoid distractions and drive defensively.

x. Before crossing a road / railway line he will reduce his speed looking both directions along the road or railway line and will proceed across the road or line only if it is safe to do so.

xi. The driver will not operate the dumper in reverse unless he has a clear view of the area behind the vehicle.

xii. The driver will see that the vehicle is not overloaded.

xiii. The material is not loaded in a dumper so as to project horizontally beyond the sides of its body.

xiv. The driver will not allow any unauthorized person to ride on the vehicle.

xv. When there is a poor visibility, the speed of a vehicle will be restricted in a manner that the braking distance is maintained shorter the distance of visibility.

xvi. The driver will not leave his machine during the shift. When he finishes his work, he will hand over the machine to his reliever or lock the excavator's cab.

Model traffic rules: -

Rule 1: Procedure

a. No person will drive or operate a vehicle in or about the mine unless authorized to do so for that vehicle or class of vehicle by mines manager.

b. A private vehicle will not be driven within the mine premises, unless authorized by mines manager.

c. Any driver, not regularly working in or about the mine, will get permission to enter the mine premises from the mine manager, or an official of the mine authorized for the purpose, prior to driving a vehicle within the mine premises, which will be prominently delineated.

Rule 2: Speed Limits

a. Permanent or temporary speed limits, set by the mine manager, for any area of the mine or any vehicle or class of a vehicle will be adhered to.

b. Where visibility or road conditions are poor, a driver shall reduce the speed of his vehicle to the extent necessary to maintain effective control.

Rule 3: Right of Way (Traffic Management)

a. At intersections, which are not controlled by traffic signs, all drivers should give way to the vehicle on the right, except as stated below: -

   i. All drivers will give way to emergency vehicles showing a **flashing red light.**

   ii. Vehicles being used for grading, rolling, watering and repair of roads have right of way over all vehicles except emergency vehicles. These vehicles will show an **amber flashing light.**

b. The driver of a vehicle, having right of way over another vehicle, will not endanger himself or others through insistence on that right, if this is likely to cause a collision.

Rule 4: Parking and Standing

a. A driver will not park or stand his vehicle in a position that will endanger other traffic on the mine premises.

b. A driver will not park or stand a vehicle opposite another vehicle on haul road.

c. A driver will not park or stand his vehicle within 30 meters of the working area of the mobile equipment, or where his vehicle cannot be clearly observed.

d. A driver will not park or stand his vehicle within the area of swing of the dragline without first obtaining permission from the operator.

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e. A driver, before leaving his vehicle, shall ensure that the vehicle is secure, that parking brakes have been applied, and that all implements have been lowered. If circumstances dictate that a heavy vehicle must be parked on a grade, then the wheels should be chocked, and the steering turned off centre.

f. A driver of a vehicle will. Before moving from a parked position, ensure that its path is free of any obstruction and/ or personnel.

g. A driver of a light vehicle will observe the following rules while parking his vehicle: -

- ✓ Stop engine;
- ✓ Leave vehicle in first or reverse gear;
- ✓ Apply hand brake;
- ✓ Not Park in front of or behind a heavy vehicle;
- ✓ Not Park within 30 meters radius of a Shovel/ excavator;
- ✓ Chock the wheels, if parked fencing is up or down a slope.

Rule 5: General

(a) Vehicles will not be driven over electric cables, air hoses or water lines unless these are properly protected.
(b) Seat belt will be provided for the operators' personnel safety. They are to be worn at all times while the vehicle is operating.
(c) Passenger will not be carried on any vehicle, unless seated in approved seating, or where authorized for training purposes by the mine manager.
(d) A caution signed or hazard lights are to be placed at the front and rear or any vehicle which is being towed, or which has been broken down and is obstructing the roadway.
(e) Operators and drivers are responsible for cleanliness, oil and water checks, tyres, and fuel, for the machines and vehicles under their control.
(f) Operators and drivers are responsible for ensuring that their vehicle is correctly illuminated during hours of darkness.
(g) Headlights are to be dipped when approaching other traffic or mobile equipment in working areas.
(h) All earth moving equipment will sound blast horn before moving off from parked position.
(i) No smoking or naked lights are permitted during re- fuelling and the checking of batteries.
(j) Dumpers are to be loaded in such a manner that spillage is minimized. Loads should be centralized to maximize stability. Loads, which have an excess of 1.2 meters, shall be clearly marked by a red flag during day and red light at night. All loads will be made secure for travel.
(k) The driver will make sure that the vehicle has adequate clearance, particularly when reversing, parking, passing other vehicles and units, or passing stationary and static equipment.

Rule 6: Overtaking

a. The driver of the vehicle may overtake any other vehicle with due caution, provided that
   i. The speed limit is not exceeded.
   ii. There is sufficient visibility of the road ahead.
   iii. The vehicles are the clear of any road intersection or junction.
b. No overtaking will be permitted in the vicinity of road dividers.
c. While driving behind the haul truck the driver will ensure that he is visible in the rear-view mirror until he puts off or overtake.

Rule 7: Signs

a. All signs are to be obeyed.
b. Temporary signs will be removed immediately after their need is over.

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c. Warning signs are to be noted at all times.

Rule 8: Mechanical condition of vehicles

a. The drivers of each heavy vehicle in use will at least, daily examined his machine to ensure that it is in safe working order and make a written record of his observations of such examinations.

b. The driver of any vehicle will report, to his supervisor, any defect in the vehicle as well as any damage to the vehicle are injury to himself arising out of a vehicle incident of the mine.

Traffic Study: -

The loaded & unloaded dumpers /tractors will move on the National Highway, SH or approach road for the further transportation of minerals from the lease area to other places of road development project.

Keeping in view that, the movement of dumpers /tractors may increase the traffic density of the nearest highway. A traffic Study on the present traffic scenario have been made to measure the increase PCU/hr.

5.6 EXTENTION OF MECHANIZATION

Machinery Requirement:

Machinery required for earth mining will be Back Hoe Loader and Tractor. Proposed Production of earth is 13320 cubic meter in 45 days i.e. **296** cum/day.

1. Excavator & Back Hoe loader -1 for cutting and loading soil in tractor trollies
2. Tracrtor-2 for transportation of soil to the dumping site(s).
3. Dumpers-3, 9 CUM Capacity
4. Water Tanker – 1 of capacity 2000 Lt. for sprinkling of water on approach road & irrigation of plants

Type of Machinery

SL NO	MACHINERY	NUMER OF MACHINERY
1	Excavator & Back Hoe Loader	1
2	Dumpers	3
3	Tractor	2
4	Water Tanker	1

Manpower Requirement:

Manpower required is as below table:

SL NO	DESIGNATION	NO OF PERSONS
1	Administrator cum supervisor	1
2	Back Hoe Loader Operator	1
3	Dumper Driver	3
4	Tractor Driver	3
5	General helper	7
TOTAL		**15**

Output Per Man Per Shift (OMS)

Total production in a day = 296M^3

Total Manpower = 15

Hence, output per man/shift (OMS) = **296**/15= 19.73 M^3/Man or says 20 M^3/Man.

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Diesel Consumption:

Sl. No	Machinery	Number of Machinery	Average Fuel Required/ Hour	Effective Production Hr./ Day	Total Fuel Consumption (Lt.)
1	Excavator & Back Hoe Loader	1	6	6	36
	Dumper	3	3	6	54
2	Tractor	3	1.5	6	27
3	Water Tanker	1	1.5	4	6
Total					**123**

So, Diesel consumption factor = 123 Lt./ 296= 0.41Lt.
Hence Total Diesel Requirement for Project = 0.41 x 13320= **5461.2** LT or say **5461** LT.
Daily Diesel requirement = 123 Lt.

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CHAPTER –6

6.1 DRILLING AND BLASTING

No drilling and blasting are required in excavation of earth.

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CHAPTER-7

7.0 MINE DRAINAGE SYSTEM

7.1 BASIN/SUB-BASIN, DRAINAGE: -

The river Bagmati is the main river flowing through the district of Sheohar. The area falls under the catchment areas of Bagmati river. Bagmati is a perennial river originating in Shivpur range of hills in Nepal. In India, the river comes into existence at 2.5 km north of Dheng railway station in Sitamarhi district thereby entering into Sheohar district at Khoripakar and is joined by Lalbakeya river. The river Bagmati has changed its course several times in past. Other streams present in the district are Kola Nadi, Balsundar Nala and Purani Dhar which are considered to be avulsed channels of the river Bagmati. The drainage pattern is sub-parallel in the district. On its left bank, the river merges with Kola Nadi. The river from this point upto confluence of Manusmara river downwards, flows along the course of Kola Nadi. The district is exposed to floods every year, especially during the monsoon season, thereby causing damages to the standing crops. The area of Sheohar is underlain by thick sequence of unconsolidated sediments deposited during Quaternary period. These unconsolidated sediments mostly comprised of sands of various grades with occasional pebble beds.

7.2 CLIMATE AND RAINFALL

The climate in the district is hot sub-humid. As per the climatic data, the area is categorized under agro-climatic zones of hot sub-humid with deposits of alluvial origin.

The maximum temperatures (25 – 40°C) are noticed from May to July and lowest temperatures (12 - 26° C) from December to January months. The relative humidity is reported to be very high in the district i.e. 44% in April to 81% in August. For the rest six months, the average relative humidity remains more than 70%. Month wise rainfall in the district of June to September. Scanty rainfall is observed in winters.

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CHAPTER-8

8.0 STACKING OF MINERAL REJECTS AND WASTE DISPOSAL ARANGEMENTS

Brief description of the arrangements made for top soil mineral rejects and waste disposal including precautions taken in selection of disposal site (s) along with their respective quantity likely to be generated.

The mining activity is being carried out in leased location. Upper 0.15m thick layer of soil has been considered as top soil which will be kept on the berm safely.

This will be dumped temporarily on the berm or earmarked place near mine working and after removing Earth the top soil will be spread over the mined-out area to restore the proposed fields or used beside the place where plantation is to be done.

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CHAPTER-9

9.0 ANTICIPATED ENVIRONMENTAL IMPACTS, MITIGATION MEASURES AND ENVIRONMENTAL MANAGEMENT PLAN

The pollution potential of the proposed project, it's possible impacts on the surrounding environment during pre-operational and operational phases and the necessary management actions proposed for control and abatement of pollution are furnished hereunder.

9.1 AIR ENVIRONMENT

Mitigation Measures for Fugitive Dust Emission:

- Tractors will be covered by tarpaulin sheet to prevent dust emission.
- Water will be sprayed after loading activity (if soil would be in dry condition).
- The dust suppression measures like water spraying will be done on the haul roads and working areas.

For Vehicular Emission

- Overloading of tractors and trolleys will be prevented.
- Vehicular emission can pose serious health hazard. During the clay/soil mining extraction, tractor would be used for transportation. Tractor comprises of diesel engine produce particles are dangerously fine of PM_{10} & $PM_{2.5}$ it is known fact that combustion of diesel generates small particulate matter, nitrogen oxides and sulphur dioxide.
- Ultra low sulphur diesel would be used in vehicle. CPCB prescribed emission Standards for the vehicle would be followed

9.2 WATER ENVIRONMENT

Mitigation measure

- Safeguards will be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth by sprinkling of pesticides.
- Labourers would not be allowed to through trashes in water bodies.
- Utmost care will be taken to minimize or control oil spills or leakage from vehicles used for earth transportation.
- The washing of tractors and trolleys on the land will be avoided.
- Water Quality Monitoring for the, ground water shall be carried out seasonally to ensure that the water quality is not affected by the project activities.
- The contractor will add here all guidelines and rules for proper and scientific method of mining during the period of extracting earth/clay. Thus, the project activities shall not have any adverse effect on the physical components of the environment and therefore may not have less effect on the recharge of ground waters or affect the water quality.

9.3 LAND ENVIRONMENT

Anticipated impact

The major impact of earth/ clay mining on land is changes in landscape, land stability and soil loss. Due to continued and unscientific clay mining, pits of different dimensions would be formed in the affected areas. Some of the pits may later be covered with water to form artificial ponds. The artificial ponds created in random location due to indiscriminate clay mining may lead to land stability problems in the adjoining areas. The problem of subsidence will be aggravated in areas where the subsurface geology is with sand and clay alternations. Other impacts on land include:

- Disposal of packing materials, carried by the workers. This packing material would include used sachet / gutka /pan masala pouches. Polythene/plastic bag are by used by the workers to bring their foods etc.

Mitigation measures

- ***Top soil (0.15 m)*** will be scooped first and stored for further reclamation of mine area. soil/earth mining will be limited to 2.0 only from the surface.

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- ❖ No foreign material like polythene/plastic bag, jute bag and useless articles should be allowed to remain / spill on the land, or no pits/pockets will be allowed to be filled with such material.
- ❖ Mining will not exceed beyond the agreed extraction depth.

9.4 NOISE ENVIRONMENT

Anticipated impacts

As far as noise pollution is concerned, clay mining does not contribute much to noise pollution, 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 standards 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.

Mitigation measures

- ❖ Well maintained vehicles will be used in order to reduce the noise during movement of vehicles.
- ❖ Regular and proper maintenance of transportation vehicles tractor will be ensured.
- ❖ There would be restriction on vehicular movement during night time.

9.5 BILOGICAL ENVIRONMENT

9.5.1 Impact on ecological factors

The area where earth /clay mining is practiced is usually barren and waste lands which are generally devoid of any natural vegetation. There will not be any impact on the biological environment in the surrounding area. There will not be any impact on the biological environment in the surrounding area.

9.6 GREENBELT DEVELOPMENT

It is proposed to have plantation on un-worked areas (lease periphery or berm of about 1m width) and along haul roads to provides 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.

The proponent will plant minimum **50 saplings** on the boundary/ berm/along with approach road/main roads.

9.7 TRHEES PROPOSED FOR AVENUE PLANTATION FOR GREEN BELT DEVELOMENT

SI. No.	Agro climatic zone & Sub zone	Middle Genetic Plains, north west alluvial sub zone	
	Scientific name	Common Name	Pollution control feature
1	Acacia nilotica	Babul	Tolerant to SO_2
2	Azadirachtaindica	Neem	Tolerant to SO_2
3	Pithecolibiumducle	Jungle jalebi	Tolerant to SO_2 and Dust control
4	Mangiferaindica	Aam	Tolerant to Dust control
5	Tectonagrandis	Sagon	Tolerant to Dust control
6	Ficusbenghalensis	Bargad	Tolerant to Dust control
7	Scigiumcumuni	Jamun	To stop soil erosion
8	Terminaliaarjuna	Arjun	To stop soil erosion
9	Populus cliate	Popular	Fast growing
10	Ficustreligiosa	Peepal	Dust particles absorbance

9.8 SOCIO-ECONOMIC ENVIRONMENT

In the trade-off between the socio-economic needs and environmental conservation, generally cannot be takes the upper hand socio-economic condition of the project area, the activities cannot be ignored. As regard socio-economic condition of the project area, the earth/clay mining activity provides employment opportunities to various people. The economic base of the region will also be enhanced, if the mining is allowed. In the case of land use, it is clear that any type of quarrying would drastically change the existing land use.

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The proponent will take care of all the facilities for workers at the mining site area.

- For sanitation purpose portable/mobile toilets will be provided by the proponent.
- Provision of drinking water: Water required for drinking purpose will be obtained through tankers/nearby sources with proper permission.

9.9 ENVIRONMENT MANAGEMENT PLAN

To mitigate the adverse impacts which are likely to be caused due to the mining operation and overall scientific development of local habitat, environmental management plan (EMP) has been formulated and integrated with the mine planning. Proper environmental management plan is proposed for 'Sandy Soil/Earth'' mining project to initiate the impact during the mining operations.

i. A berm will be left from the adjoining field having a width 1.0 meter (equal to at least half the depth of proposed excavation). Further plantation will be done above the berm.
ii. No labour camps will be established on Mining site.
iii. No cooking, or burning of wood will be allowed at the mine site.
iv. Prior to commencement of mining, a short awareness program will be conducted for labours to make them aware of way of working and various precautions to be taken while at work. Such program will be repeated occasionally.
v. No tree cutting, chopping, lumbering, uprooting of shrubs and herbs will be allowed.
vi. Collection of air and water samples at strategic locations with frequency suggested and by analyzing thereof. If the parameters exceed the permissible tolerance limits, corrective regulation measure will be taken.
vii. Collection of earth/ clay samples at strategic locations once in every year and analysis thereof with regard to deleterious constituents, if any.
viii. Measurement of water level fluctuations in the nearby ponds dug wells and bore wells.
ix. Plantation/a forestation will be done as program i.e. along mining lease, road sides and near civic amenities, which will be allotted by Government bodies. Post plantation, the area will be regularly monitored in every two years for evaluation of success rate. For selection of plant species local people should also be involved

9.10 RISK & HAZARDS MANAGEMENT

As it is soil/ earth mining project, so there are no major risk and hazard activities associated with the proposed activities. But the project proponent will must take care the site location by:

- Proper fencing all around the mining site so that it can prevent any mishap or accident in future.
- The materials being transported after excavation will be properly covered with tarpaulin sheet.
- Periodic water sprinkling will be done to arrest dust.

9.11 LAND RECLAMTION PLAN

Brief description of the reclamation plan giving the proposed plantation programme, scope of backfilling worked out pits.

As stated earlier that the total generated top soil will be kept safety on the berm of mining site. After removal of all the proposed quantity of Earth/clay, the top soil will be spread over the mined-out pit so that the fields can be used for agricultural activity.

9.12 STRATEGY FOR PROTECTION OF RIVER COURES, NALAS, WATER TANKS, VILLAGES, IMPORTANT MONUMENTS:

Briefly outlined the proposed strategies for protection of the following:

a) River courses
b) Nalas
c) Water tanks
d) Villages / houses / hutments / agricultural land

No nala or drainage passes within or near mining area. There are no important monuments and waters tanks nearby the mining area. Mining is confined in very small scale. Earth from proposed field will be mined out.

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Upper top fertile of proposed field will be kept safely. After removal of earth from the area, safely kept top soil will be spread back on the mined-out field. Thus, the mined-out area will be used for agricultural activities in future.

9.13 SITE SERVICES

Working Office: Temporary working office will be maintained at site. This will be a temporary structure and can be easily shifted one side to another site as & when required. Safe drinking water will be kept in covered buckets / clay pitcher and will be provided to mine workers.

Rest Shelter: A temporary structure as a rest shelter to labours will be provided to the workers near mine site.

Primary Health/First Aid: First aid box with principal medicine will be kept at mine site to facilitate the first aid treatment to the workers.

Water arrangement: Water for drinking is required. Project Manager/authored leader will arrange a water tanker for the purpose. Separate arrangements for drinking water for the labours will be made in the working office.

Socio-Economic Benefits

Mining industry play an important role in economic sector in India. The region, where the project is situated, mostly people depend on agriculture. The important benefits accruing from the project to the state in the form of royalty can thus be stated as-boost to 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.

9.14 WATER REQUIREMENT

Total water requirement for the project is **4.0 KLD**. Breakup details are as below-

Sl. No.	Purpose	Water requirement (KLD)
1.	Domestic Use	0.5
2.	Water Sprinkling	3.0
3.	Plantation	0.5

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CHAPTER-10
MINE CLOSURE PLAN

10.0 Introduction:

Applicant Name & Full address Contact No. & E-mail ID	**M/s Ahluwalia Contracts India Limited** **Sri Ashutosh Jha** (Authorized Signatory) Flat No.- 301, Ram Niketan Apartment, Sahdeo Path, West Patel Nagar, LBS Nagar, Patna, Bihar- 800023, Mob: +91-7004286373, 9934090494
Status of Lessee:	Proprietorship/Partenership
Location:	**Mauza- Adauri, Block- Purnahiya, District- Sheohar, Bihar**
Extent of Lease area	**0.80 hectare**
Type of Lease	Non- Forest Land
Present Land use pattern	Non-Forest Land
Present method of Mining and mineral processing	refer Chapter No.- 5

Thana No.	Khata No.	Khesra No.	Area (Ha.)
89	271 & 1024	4279 & 4494	0.80
Total			**0.80**

10.1. Reasons for Closure:

The mineral soil/ earth will be excavated for use of land filling at road development project site. After completion of excavation of mineral up to depth of 2.0, the mine will be closed as per rules, regulations and orders. No premature closure is anticipated.

10.2. Statutory Obligations:

As per rule 17 (7) of Bihar Minerals (Concession, Prevention of Illegal Mining, Transportation & Storage) Rules, 2019, 22 of amended rules of BMMC Rules 2014 & 23 B of MCDR 1988 for every fresh grant of mining lease a progressive mine closure plan is required to be submitted in compliance of the aforesaid rule of MCDR 1988, the mine closure plan is being in accordance with the guidelines issued by Chief Controller of Mines (CCOM) vide circular no. 14/2003.

10.3. Closure plan preparation:

a). Name and address of the Applicant:

M/s Ahluwalia Contracts India Limited
Sri Ashutosh Jha
(Authorized Signatory)
Flat No.- 301, Ram Niketan Apartment,
Sahdeo Path, West Patel Nagar,
LBS Nagar, Patna, Bihar- 800023

b). Name & address of R.Q.P.:

M/s Praneja Envirocare & Management Private Limited
Admn Off: Ground Floor, Opp. Vamika Apartment,
Near Passport Office, Ashiyana, Khajpura,
Patna-800014 (Bihar)
Mob: +91-9708251824, 9308014108
Email Id: pemanagementindia@gmail.com

c). Name of the executing agency:

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

10.4	**Mine Description:**	
10.4.1	Geology and Exploration	***Given at Chapter -4***
10.4.2	Physiography	
10.4.3	Regional Geology	
10.4.4	Local Geology	
10.4.5	Exploration	
10.4.6	Estimation of Reserves	
10.4.7	Proposed Mining Method	***Given at Chapter -5***

10.5. Review of implementation of Mining Plan/scheme of mining including mine closure plan up to the final closure of mine:

Not applicable.

10.6. CLOSURE PLAN:

10.6.1 Mined out land:

In general, the environmental impact will always be adverse, due to mining operations if proper abatement measures will not be taken. The magnitude and significance of the environmental pollution caused by mining depends on type of mineral, method of mining and beneficiation etc. As a result of mining operation, the original ground profile will be altered. No proposal can be given for concurrent back-filling. Top soil is proposed to be spread over mined out areas so that it can be reused for agriculture proposes.

Land Use Pattern

Non-Forest Land

10.6.2. Water Quality Management:

Activity is limited up to 2.0 below the ground level only and above the Water table. Thus, change in Ground water quality does not anticipate.

10.6.3. Air Quality Management:

Activity is limited. Any change in air quality does not anticipate. If required water sprinkling will be done regularly on haul roads. Vehicles are covered with tarpaulin sheets during transportation.

10.6.4. Waste Management:

For sanitation purpose portable/mobile toilets will be provided by the proponent. No cooking, or burning of wood will be allowed at the mine site and Labourers would not be allowed to through trashes in water bodies. Details are in **Chapter-9**

10.6.5. Tailing Dam Management:

Not applicable.

10.6.6. Infrastructure:

The proposed area is well connected with tehsil and district head quarter by all weather roads where all facilities are available. The proponent will have his own facility soon after start of excavation.

10.6.7. Disposal of Mining Machinery:

No specific immovable mining machinery is used in the excavation of soil/earth. It will be a semi-mechanized mine.

10.6.8. Safety and Security:

The proponent will follow all the rules and regulations as per provision of DGMS for safety and security of the proposed mine. To prevent access to the surface opening or excavated area from cattle's

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and local people the proponent will arrange security both by fencing or any other manner round the clock.

10.07. Disaster Management and Risk Assessment:

The proposed area is small. Activity is limited up to 2.0 depth below ground level and final pit slops will be kept 45°, hence chances of land slide, subsidence etc. is nil. **The proposed site falls in Seismic zone-IV.**

10.08. Care and Maintenance during Temporary Discontinuance:

During such time the time will be protectively fenced and staff will be employed for care and maintenance. As well as all the precaution laid down in the statute during temporary discontinuance will be maintained and followed.

10.09. Economic Repercussions of Closure of mine and manpower retrenchments:

It is not inferred to discuss economic repercussions of closure of mine and manpower retrenchment at this stage.

10.10. Time Scheduling for abandonment:

There is no proposal for abandonment of mine or initiating closure operations during the mine plan period, so question of abandonment does not arise. The time scheduling for abandonment in mining of earth will be after completion of excavation of mineral up to depth of 2.0 only.

10.11. Abandonment Cost:

It is very difficult to estimate the actual abandonment cost at this stage. The applicant / Proponent is bound to comply the provision laid down under rules, regulations, acts, and order made by the centre or state government, statutory organization, court etc.

10.12. Any other information:

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

10.13. Financial Assurance:

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

12.14. Certificate:

The required Certificates are annexed separately and enclosed with the Mining Plan.

12.15. Plans, Sections etc.:

All the plans and sections are enclosed with the Mining Plan.

Date: 02/03/26
Place:

Authorized Signatory/RQP
Praneja Envirocare & Management Pvt. Ltd.

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RULES & NOTIFICATION

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

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

Dated: 24th June, 2013

OFFICE MEMORANDUM

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

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

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

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

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

(a) The activities of borrowing / excavation of 'brick earth' and 'ordinary earth', upto an area less than 5 ha, may be categorized under 'B2' Category subject to the following guidelines in terms of the provisions under '7.I Stage(1)-Screening' of EIA Notification, 2006:

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

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

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

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

(i) No borrowing of earth / excavation of 'brick earth' or 'ordinary earth' shall be permitted in case the area of borrowing/ excavation is within 1 km of boundary of national parks and wild life sanctuaries.

(ii) In case the area of borrowing / excavation is likely to result into a cluster situation i.e. if the periphery of one borrow area is less than 500 m from the periphery of another borrow area and the total borrow area equals or exceeds 5 ha. the activity shall become Category 'B1' Project under the EIA Notification, 2006. In such a case, mining operations in any of the borrow areas in the cluster will be allowed only if the environmental clearance has been obtained in respect of the cluster.

This issues with the approval of the Competent Authority.

(Dr. Saroj)
Director
Telefax : 24364067

To

1. All the Officers of IA Division
2. Chairpersons/Member Secretaries of all the SEIAAs/SEACs
3. Chairman, CPCB
4. Chairpersons / Member Secretaries of all the SPCBs/UTPCCs

Copy to:-

1. PS to MEF
2. PPS to Secretary(E&F)
3. PPS to ADG(F)
4. PPS to ADG(WL)
5. PPS to JS(AT)
6. PPS to IG(FC)
7. Website, MoEF
6. Guard File

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

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

2. आमंत्रित Expression of Interest के तहत कुल 36 आवेदन विभाग को प्राप्त हुए, जिसमें से कंडिका–14 में उल्लेखित प्रतिष्ठान भूमि इन्वायरटेक प्रा0 लि0 को योग्यता संबंधी प्रमाण पत्र नहीं संलग्न करने के कारण तथा कंडिका–34 में उल्लेखित मेसर्स संयुक्त इन्फ्रा को संबंधित योग्यता प्रमाण पत्र संलग्न नहीं होने के कारण अयोग्य घोषित करने का निर्णय लिया गया तथा शेष 34 को Empanelled करने का निर्णय लिया गया, विवरणी निम्नवत है :–

Sl. No.	Name	Contact Number	Qualifications	Rate for preparation of Mining Plan (per Ha)	Rate details	Address
1	Dr. Radha Nand Singh	9430252322 8340280122	M.Sc. Geology	Rs. 15,000/- (Including of Tax & GST)		Dr. R.N Singh, 7HF- 6-20, Sector 7, Block 6, Flat 20, HIG Flat, Bahardurpur Housing Colony, Patna -800026
2	Shiva Test House	7903157774	M.Sc.Geology	Rate Slab attached	Rs. 10,000/- each Ha. Rs. 8,000/- for each subsequent additional Ha. (above rates are inclusive of 18% GST)	122 C, Aastha , Road No. 5 A, Patliputra Colony, Patna - 800013
3	Dr. Amarjeet Kumar Singh	9431508228	Ph.D(Geology)	Rs. 20,000/- GST will be charged as per Government rules		S/0–Udho Singh,C/O–- Srl Indrajit Kumar Singh,At & Po Jiradei; District-Siwan, Bihar--841245
4	Rajesh Kumar	8008802447	B.E. (Mining Engineer)	Rate Slab attached	Minimum INR 25,000/- per mining plan upto 3 Hectare. For more than 3 Hectare the rate shall be increase @INR 10,000/- per Hectare.	Plot No.87,Rajwara Building,Sikhar More ,Near Mehta Petrol Pump,Manpur,Gaya-823003
5	Dr. Abdul Rahman	7870527271	Ph.D In Geology	Rs. 8,000/- (inclusive of Taxes)		B-78,P.C. Colony,kankarbagh,Patna-800020
6	Punit Lala Mahto	9911537948 8709005622	M.Sc. (Geology)	Rs. 11,800/-	Rate per Hectare @10,000/- + GST @18% (Rs. 1800) =Rs. 11,800/-	House No.- 121, raghav Bhawan, kobibari, Sikandarpur, Bhagalpur - 812005
7	Sanjay Kumar	943106886	M.Sc. (Geology)	Rs. 25,000/-	Negotiable	Vastu-Sarita Colony, Janakpuri, Near -St. Karen's School, Gola Road, Danapur, Patna
8	Er. Navin Kumar Sinha	7366973516	B.E. (Mining)	Rs. 10,000/-		Er. Navin Kumar sinha, A-112, Sanjay gandhi Nagar, Kali Mandir, Road No.-9, Patna, Bihar

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9	Dr. Ashish Sharma	9753385659	Ph.D(Geology)	As per approved rate of Govt. of Bihar				Hasib Villa Naya Tola Line Bazar, Purnea, Bihar--854301
10	Md. Sadique Alam	7091510996	M.Tech (Environmental Science & Engineering)	As per approved rate of Govt. of Bihar				Flat No--01 Ground Floor, hasib villa,Naya Tola Near Shiv Mandir,Line Bazar Purnea--854301
11	Dr. Rakesh Kumar Singh	8085379660	Ph. D. (Coal Geology) M. Sc (Geology)	As per approved rate of Govt. of Bihar				Village- Chuppepur, P.O. - Belawa (Pindra), District- varanasi, (U.P), 221206
12	Shailesh Kumar Singh	9431496906	M.Sc.(Applied Geology) M.Sc. Tech (Remote Sensing)	Rs. 25,000/-				B-8, Prachi-Vanishka Apartment, bazzar Samitee Road, PO-Rajendra Nagar, District-Patna,Bihar-16
13	Anecon Lab Pvt. Ltd.	9372404924	B.E. Computer Science & Engineering	Rs. 31,860/-	Rate per Hectare @27,000/- + GST @18% (Rs. 4860) =Rs. 31,860/-			60,Bajiprabhu Nagar,Nagpur--440033
14	Bhoomi Envirotech Pvt. Ltd.	9595773278	Required qualification not attached	Rate provided as per slab	a. For 0 to 2 Ha - Rs. 38,000/- b. For above 2.0 Ha to 5.0 Ha - Rs. 38,000/- c. Above 5.0 Ha - Rs. 28,000/- *All rates are per Hectare or part thereof. (Example - rate of 1.50 Ha shall be considered as 2.0 Ha			C/O Veena Gupta W/F Upendra Gupta, Shop No. 191, Plot No. 529,Golabazar,Nawadih Road,Near Vali Club, Aurangabad bihar-824101
15	Sens Geomine Consultancy Pvt. Ltd.	8235816865	M. Sc (Geology)	Rs. 15,000/- (exclusive of all GST & Taxes)				Kali Mandir Road , Opposite Puja Tent Service, Po+PS-Doranda, Ranchi-834002, Jharkhand
16	Mohan S. Bhagwat	9868840983	M.Sc.Tech(Applied Geology)	Rs. 10,620/-	Rate per Hectare @9,000/- + GST @18% (Rs. 1620) =Rs. 10,620/-			Mahavir Sadan,Opposite Jitera Valley, Bauch Vihar Colony, Naya Tola, Kumhrar--800025
17	Eclipto India Pvt. Ltd.	7678639396	Required Qualification of the employees attached	Rate as per the slab provided		Per Ha. Rate (upto 5 Ha)	Per Ha. Rate (more than 10 Ha)	C/O Kapilmuni Pathak,Shivapuram Road -2 ,Pukanpura ,Bailey Road,Patna - 800014
					Rate upto 5 Ha	Rs. 10,000/-	Rs. 10,000/-	
					Rate more than 5 Ha	NA	Rs. 5,000/-	
					* Rate is inclusive of GST and other applicable Taxes			
18	Ravi -Shankar	7485090640	B.E. (Mining)	Rate as per the slab provided	(a) Rs. 50,000/- per mining plan upto 5 Ha (b) For above 5 Ha area rate will be charged 6000/- per Ha additionally extra and above to 5 Ha upto 25 Ha (c) Rs. 2,00,000/- per mining plan for area of 25 Ha and will be charged additionally Rs. 3000/- per Ha extra and above to 25 Ha upto 50 Ha. (d) Rs. 3,00,000/- per mining plan for area of 50 Ha and will be charged additionally Rs. 2000/- per Ha extra and above to 50 Ha upto 50 Ha.			Village- Nagain, P.O.- Deohra, P.S.- Goh, Dist.- Aurangabad (Bihar) - 824114
19	Indus Mining & Environment Consultancy	7542949027	B.E.(Mining)	Rs. 2,000/- per Hectare (Each Block Mining Plan - Rs. 30,000/-)				Indus Mining And Environmental Consultancy , 201, 2nd Floor, Mangal Market, Raja Bazar, Baily Road, Patna-14

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PRANEJA ENVIRO CARE & MANAGEMENT PVT. LTD. RQP

20	Pravin Kumar Sinha	7542949027	B.E (Mining)	Rs. 2,000/- per Hectare (Each Block Mining Plan - Rs. 30,000/-)		201,2nd Floor,Mangal Market,Raja Bazaar, bailey Road, Patna-14
21	Md. Tauseef Warsi Greenera Mining & Envirotech Pvt. Ltd.	9534027112	M.Sc. (Geology)	Rs. 5,000/- (Excluding GST)		Greenera Mining & Envirotech Pvt.Ltd.,205 Mangal Market,Raja Bazar,Bailey Road Patna-800014
22	Prabhat Kumar Srivastava	8827477206	B.E(Mining)	Rs. 8,000/-		Flat No-101, Road No.-01, Boodh Nagar, Chiriya Tard, Postal Park , Patna-800001
23	Ashok Kumar Singh	8766859804	Mining Engineer	Rs. 8,000/-		C/o Shri Ram Prasad Singh, Mohalla - Mogal Kuan, P.O. - Sohsarai, P.S. - Sohsarai, Dist.- Nalanda, Bihar- 803118
24	Sandeep Kumar	8126253120	M.Sc. (Applied Geology)	Rs. 10,000/-		Anpurna Bhavan , C/O Ravi Kishan, Sundar Nagar, Lohia Path , Jagdeo Path , Patna - 800014 (Bihar)
25	United Exploration India Pvt. Ltd.	9431208782 9934304369	Required Qualification of the employees attached	Rs. 5,200/- (inclusive all Taxes)		301,2nd Floor ,Sahid Rajendra Singh Complex,Anishabad , Patna-800002
26	Rian Enviro Pvt. Ltd	9431289538	Required Qualification of the employees attached	Rs. 5,000/- (inclusive all Taxes)		202,2nd Floor,Mangal Market,Raja Bazar,Sheikhpura Patna -800014
27	Ascenso Enviro Pvt. Ltd.	9204207920 -	Required Qualification of the employees attached	Rs. 4,750/- (inclusive all Taxes)		401,4th Floor ,Mangal Market,Raja Bazar,Sheikhpura,Patna-800014
28	M/s Baghel Environment & Waste Management Pvt. Ltd.	9431042532	Qualifications of candidates are attached	As decided by the department of Mines & Geology, Govt. of Bihar		Baghel Environment & Waste Management Pvt. Ltd. ,1st Floor, 27, Guru Sahay lal Nagar, Road No. 2, Magistrate Colony, Ashiyana Nagar, Patna - 800025, Bihar
29	Gramin Lok Seva	9934452711	Qualifications of candidates are attached	Rs. 7,000/-	Note - 1. Minimum rate for a Sand Block - INR 25,000/- 2. Maximum rate for a Sand Block - INR 60,000/- OR As decided by the Department of Mines & Geology, Govt. of Bihar	27, Guru Sahay Lal Nagar, Magistrate Colony, Ashiyana nagar, patna- 800025, Bihar
30	Praneja Envirocare & Management Pvt. Ltd.	9708251824	Qualifications of candidates are attached	Rs. 10,000/- (Excluding GST @18%)	Remarks - Fee should not be less than 20,000 or more than 50,000 thousand for single block. (Excluded GST) OR As decided by the Department of Mines & Geology, Govt. of Bihar	103, Bhagwati kunj apartment, Road No. - 3D, Anand vihar Colony, Rukanpura, Patna (Bihar)- 800014
31	Institute of Environment and Eco Development	7004620817	Details Of Qualification Attached	Rs. 10,000/- (Excluding GST)	Rate will be negotiable as per direction from Department of Mines & Geology, Govt. of Bihar	Admin. Office--Ground floor, Shyam Nagar' Colony, Maurya Path, Bailey Road, PO-B.V. College,Patna--800014
32	ENV Developmental Assistance Systems (India) Pvt. Ltd.	5224007470 9335913139	Details Of Qualification Attached	Rs. 2,750/- (inclusive all Taxes)		Prabha Niketan, road No. 13, Patel Nagar, Near Petrol Pump, Patna-800023

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PRANEJA ENVIROCARE & MANAGEMENT PVT. LTD. ★ RQP ★

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

3. प्राप्त सभी EOI की समीक्षा के उपरांत विभागीय समिति द्वारा सर्वसम्मति से खनन योजना हेतु देय राशि प्रति खनन योजना अधिकतम ₹30,000/– (तीस हजार) रू0 GST सहित (चाहे माइनिंग प्लान कितने भी हेक्टेयर का हो) का भुगतान की अनुशंसा की गई।

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

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

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

ह0/– स0आ0वि0स0, सदस्य	ह0/– स0नि0 (मु0), सदस्य	ह0/– अवर सचिव, सदस्य	ह0/– उप निदेशक, पटना अंचल, पटना सदस्य	ह0/– उप निदेशक (मु0), सदस्य	ह0/– अपर सचिव–सह– निदेशक, अध्यक्ष

ह0/–
सरकार के अवर सचिव

ज्ञापांकः–...../एम0, दिनांक–.....
प्रतिलिपिः– सभी समाहर्त्ता को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

ह0/–
सरकार के अवर सचिव

ज्ञापांकः–...../एम0, दिनांक–.....
प्रतिलिपिः– सभी उप निदेशक/सभी सहायक निदेशक/सभी खनिज विकास पदाधिकारी/सभी खान निरीक्षक को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

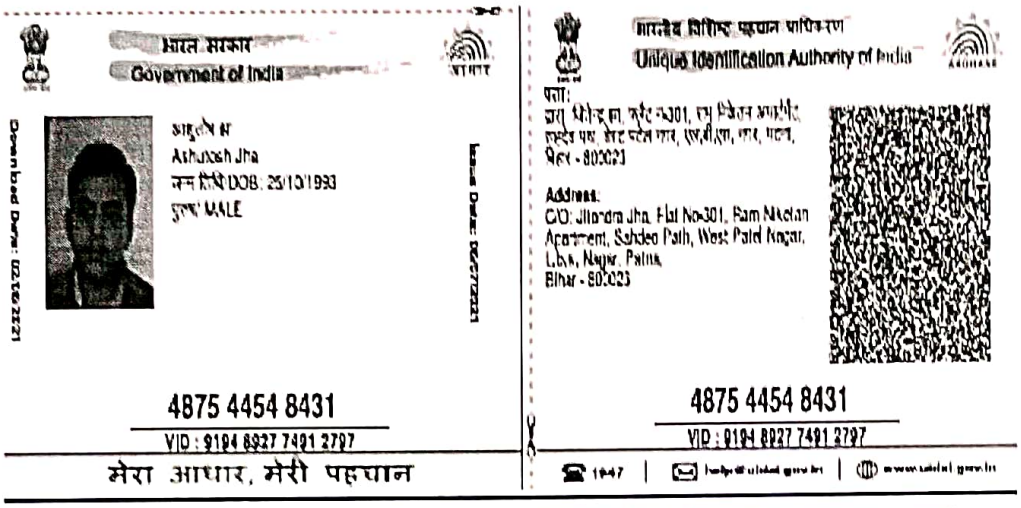
ह0/–
सरकार के अवर सचिव

Ashutosh Jha

PRANEJA ENVIRO CARE & MANAGEMENT PVT. LTD. ★ RQP ★

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ID PROOF OF THE APPLICANT



भारत सरकार
Government of India

आशुतोष झा
Ashutosh Jha
जन्म तिथि/DOB: 25/10/1993
पुरुष/MALE

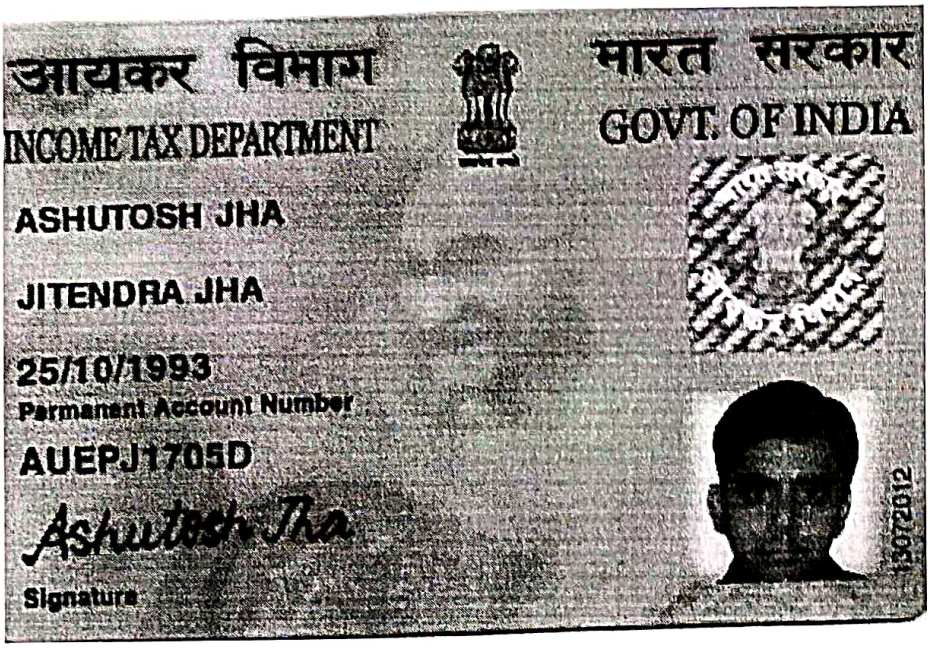
4875 4454 8431
VID : 9194 8927 7491 2797
मेरा आधार, मेरी पहचान

भारतीय विशिष्ट पहचान प्राधिकरण
Unique Identification Authority of India

पता:
Address:
C/O: Jitendra Jha, Flat No-301, Ram Niwas Apartment, Subdeo Path, West Patel Nagar, Lohia Nagar, Patna, Bihar - 800023

4875 4454 8431
VID : 9194 8927 7491 2797

1947 | help@uidai.gov.in | www.uidai.gov.in



आयकर विभाग
INCOME TAX DEPARTMENT
भारत सरकार
GOVT. OF INDIA
ASHUTOSH JHA
JITENDRA JHA
25/10/1993
Permanent Account Number
AUEPJ1705D
Ashutosh Jha
Signature

Ashutosh Jha

ENVIROCARE & MANAGEMENT PVT. LTD.
RQP

COPY OF WORK ORDER/ SANCTION/LOI

बिहार स्टेट टूरिज्म डेवलपमेंट कॉरपोरेशन लि०
Bihar State Tourism Development Corporation Ltd.
Register office: बीरचन्द पटेल पथ / Beerchand Patel Path, पटना / Patna- 800 001
दूरभाष / Phone : - +91-612-2222622 फैक्स नं० / Fax No: - 0612-2506218
CIN U63040BR1980SGC001486 web: www.bstdc.bihar.gov.in E-mail: contactbstdc@gmail.com

BSTDC

Lt. No.-152/Engg/2025/1665/5799/25 Date- 15/12/25

LETTER OF ACCEPTANCE

From

Executive Engineer (North)
Bihar State Tourism Development Corporation Ltd. Patna

To,

M/s Ahluwalia Contracts India Limited
A 177, Okhla Industrial Area, Phase 1
New Delhi. 110020

Subject: Overall Development in Accordance with Shri Ram Janmabhoomi Tirtha Kshetra, Ayodhya at Punauradham, the birthplace of Mother Sita, situated in Sitamarhi District-**regarding Acceptance of Bid (LOA)**

Ref.- NIT No -38/RE-Tender/BSTDC/EPC/25-26. and Department of Tourism, Govt. of Bihar Letter no- 3263, Patna Dated-15.12.2025

Sir,

Your bid dated 03-10-2025 for the above-mentioned work for a contract price of Rs 888,37,62,187(Rupees Eight Hundred Eighty Eight Crore Thirty Seven Lacs Sixty Two Thousand One Hundred Eighty Seven Only), as corrected and modified in accordance with the conditions of the bid, is hereby accepted by BSTDC

As per the tender conditions, Performance Guarantee (PG) for an amount equal to 3% (25,94,65,500.00) of the accepted bid amount of Rs/- 864,71,88,069.00 (Eight Hundred Sixty Four Crore Seventy One Lac Eighty Eight Thousand Sixty Nine Only (excluding O&M cost) is to be submitted by you in the form prescribed format within 15 (fifteen) days of receipt of this letter, as stipulated under Schedule-F of the contract. The Performance Guarantee shall remain valid up to 28 days beyond the expiry of the DLP of 12 months.

As per the tender conditions, a separate Performance Bank Guarantee (PBG) @ 5% of the total quoted amount 23,49,24,118.00 (towards O&M shall be submitted after completion of the project and before commencement of the Defect Liability Period (DLP).

The Defect Liability Period shall be 12 months from the date of completion of the entire project and not from the date of commissioning of

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PRAVIJA CARE & MANAGEMENT PVT. LTD. ROP

individual installations. The DLP shall run concurrently with the Operation & Maintenance period. A separate O&M agreement shall be executed after completion of the work.

The contractor shall submit the work programme, all necessary statutory compliances prior to commencement of work, and also submit the Contractor's All Risk (CAR) Policy as per requirement of NIT.

You shall engage the required vendors / specialized agencies for Civil and Electro-Mechanical equipment for the requisite period, strictly as per the tender condition.

You are further requested to attend this office for completing the formalities and execution of the Contract Agreement within the stipulated time, as mentioned in Schedule-F.

These issues with the approval of the competent authority.

Yours faithfully,

15/2/25

(Chandeshwar Ram)
Executive Engineer
(North)

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PRANEJA ENVIROCARE & MANAGEMENT PVT. LTD.
* RQP *

LAND DEED & REVENUE RECEIPT

Prohibition Excise & Registration Department, Government of Bihar

INDIA NON JUDICIAL

Not Applicable

First Party Name *	: AHLUWALIA CONTRACTS INDIA LIMITED
Second Party Name *	: NA
Purchased By *	: AHLUWALIA CONTRACTS INDIA LIMITED
Certificate Number	: BR03816126177218625550 6
Consideration Price	: ₹0.00/-
Stamp Duty Paid	: ₹1000.00/-
Registration Fee & Other Fees	: ₹0.00/-
LLR & Proc Fee	: ₹0.00/-
Miscellaneous Fees	: ₹0.00/-
Discore SC	: ₹0.00/-
Total Amount	: ₹1000.00/- (One Thousand)

This stamp paper will only be valid if embossed below with special RED ink impression

FEB-27-2026 15:28:58

Sold To/Issued To: AHLUWALIA CONTRAC
For Phoe/ID Proof: AHLUWALIA CONTRAC

D S R OFFICE SITAMARHI 843301

₹ 0001000/-

Not Applicable

3816126 2844

एकरारनामा

प्रथम पक्ष

(1) श्री रामशंकर प्रसाद सिंह पिता– स्व0 गजाधर सिंह (2) श्री रामेश्वर सिंह पिता– राजेन्द्र सिंह (3) श्री नागेश्वर प्रसाद सिंह पिता– स्व0 योगेन्द्र सिंह, सभी ग्राम– अदौरी, अंचल– पुरनहिया, जिला– शिवहर, बिहार, भारत के मुल निवासी हैं।

द्वितीय पक्ष

श्री आशुतोष झा, उम्र लगभग 32 वर्ष, आधार नं0–487544548431, पता– द्वारा जितेन्द्र झा **फ्लैट नं0– 301, राम निकेतन अपार्टमेंट, सहदेव पथ, वेस्ट पटेल नगर, एल0बी0एस0 नगर,** जिला– पटना, बिहार– 800023, भारत के मुल निवासी हैं। जो कि **मेसर्स अहलूवालिया कॉन्ट्रैक्ट्स इंडिया लिमिटेड** के अधिकृत हस्ताक्षरकर्ता हैं। कंपनी को बिहार राज्य पर्यटन विकास निगम लिमिटेड, पटना द्वारा पुनौरा धाम, सीतामढ़ी में श्री राम जन्मभूमि तीर्थ क्षेत्र, अयोध्या के अनुरूप समग्र विकास के कार्यों हेतु कार्य आदेश प्राप्त हुआ है। इस उद्देश्य से कंपनी द्वारा प्रथम पक्ष से संपर्क स्थापित किया गया है। प्रथम पक्ष का **मौजा– अदौरी, थाना सं0– 89, अंचल– पुरनहिया, जिला– शिवहर, बिहार हैं।** जमीन का विवरण निम्न है–

जमीन का किस्म– **परती/खेतिहर**

थाना संख्या	खाता	खेसरा	रकवा (एकड़ में)
89	271 एवं 1024	4279 एवं 4494	1.99

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प्रथम पक्ष द्वितीय पक्ष उपरोक्त जमीन निम्नलिखित शर्तो पर देने को तैयार हुआ–

1. प्रथम पक्ष अनुबंध की तिथि से अगले 1.5 वर्ष अथवा कार्य समाप्ति (जो भी पहले हो) तक के लिए जमीन द्वितीय पक्ष को लीज पर दे रहे हैं। लीज का वार्षिक किराया का भुगतान द्वितीय पक्ष ससमय करेंगें।
2. द्वितीय पक्ष उक्त जमीन से 2 मी0 गिट्टी कटाई कर उराका इस्तेमाल बिहार राज्य पर्यटन विकास निगम लिमिटेड, पटना द्वारा पुनौरा धाम, सीतामढ़ी में श्री राम जन्मभूमि तीर्थ क्षेत्र, अयोध्या के अनुरूप समग्र विकास के कार्यों में कर सकते है।
3. मिट्टी कटाई से संबंधित जरूरी सरकारी अनुमोदन की जिम्मेवारी द्वितीय पक्ष की होगी।
4. मिट्टी की रॉयल्टी, मालिकाना फिस एवं अन्य सरकारी शुल्क (मालगुजारी को छोड़ कर) के भुगतान की जिम्मेवारी द्वितीय पक्ष की होगी।
5. मिट्टी की खनन एवं धुलाई का खर्च द्वितीय पक्ष की जिम्मेवारी होगी।
6. प्रथम पक्ष मुख्य मार्ग से खनन क्षेत्र तक पहुँच पथ उपलब्ध कराऐगी।
7. कार्य समाप्ति के बाद द्वितीय पक्ष उक्त जमीन को समतल बनाकर प्रथम पक्ष को सौंप देगें।

दोनो पक्ष ने उपर्युक्त शर्तो को अच्छी तरह से पढ़कर समझ लिया है, उसके उपरांत गवाहों की उपस्थिति में अपना अपना हस्ताक्षर कर रहें है।

प्रथम पक्ष

1. श्री रामशंकर प्रसाद सिंह रामशंकर प्रसाद सिंह
2. श्री रागेश्वर सिंह रागेश्वर सिंह
3. श्री नागेश्वर प्रसाद सिंह नागेश्वर प्रसाद सिंह

द्वितीय पक्ष

श्री आशुतोष झा. Ashutosh Jha

गवाह–

दिनांक–

स्थान–

Ashutosh Jha

PRANEJA ENVIROCARE & MANAGEMENT PVT. LTD. RQP

बिहार सरकार
राजस्व एवं भूमि सुधार विभाग

जमाबंदी पंजी प्रति

भाग वर्तमान : 1 पृष्ठ संख्या : 56 जमाबन्दी संख्या : 100 कंप्यूटरीकृत जमाबन्दी संख्या : 2201058000029785

जिला का नाम : Dhanbad अनुमंडल नाम : Dhanbad अंचल का नाम : Purnakhya हल्का का नाम : कोरी
थाना का नाम : ADAURI हल्का संख्या : N/A केवी संख्या : 0 थाना नंबर : 0087

रामेश्वर सिंह, पिता पुत्र , पिताश्री स्व.-RAJENDRA SINGH, खतौनी- ADAURI ,

खाता नं०	प्लाटखेसरा नं०	रकबा	धोलटी	परिवर्तन के लिए प्रतिवेदन	हस्ताक्षर	सेस
825	3859	0 ए 17 डि 0 है	कृ: ---- सि: ----	---/--	20	0
824	3805	0 ए 5 डि 0 है	कृ: ---- सि: ----	---/--	20	0
824	3806/3851	0 ए 2.5 डि 0 है	कृ: ---- सि: ----	---/--	20	0
824	3851	0 ए 0 डि 0 है	कृ: ---- सि: ----	---/--	20	0
1127	2856	0 ए 25 डि 0 है	कृ: ---- सि: ----	---/--	20	0
1127	3054	0 ए 0 डि 0 है	कृ: ---- सि: ----	---/--	20	0
1127	3052	0 ए 0 डि 0 है	कृ: ---- सि: ----	---/--	20	0
1127	3053	0 ए 14 डि 0 है	कृ: ---- सि: ----	---/--	20	0
[redacted]	[redacted]	0 ए 29 डि 0 है	कृ: ---- सि: ----	---/--	20	0
1024	4157	0 ए 4 डि 0 है	कृ: ---- सि: ----	---/--	20	0
1025	3459	0 ए 4 डि 0 है	कृ: ---- सि: ----	---/--	20	0
154	3460	0 ए 1 डि 0 है	कृ: ---- सि: ----	---/--	20	0
154	2529	0 ए 1.5 डि 0 है	कृ: ---- सि: ----	---/--	20	0
	कुल परिमाप	1 ए 3 डि 0 है				

Ashutosh Jha

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बिहार सरकार

बिहार सरकार
राजस्व एवं भूमि सुधार विभाग

जमाबंदी पंजी प्रति

भाग वर्तमान : 6	पृष्ठ संख्या : 1455	जमाबन्दी संख्या : 909	कंप्यूटरीकृत जमाबन्दी संख्या : 22010560003114S				
जिला का नाम : Sheohar	अनुमंडल नाम : Sheohar	अंचल का नाम : Purnahiya	हल्का का नाम : कौरी				
थाना का नाम : ADALRI	हॉल्डिंग संख्या : N/A	कैथी संख्या : 0	पत्ता नम्बर : 2089				

रामदेवर पु० सिंह, सिंह पुत्र , पितामाय/बहू -स्व० गंगाधर
सिंह, जाति-N/A, सिंगार- ADALRI ,

खाता सं०	खतियानी सं०	रकबा	चौहद्दी	परिवर्तन के लिए प्रविष्टियां		
400	1756,1757,1758	० ए 61 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
400	1752	० ए 0 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
400	1752	० ए 41 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	4333	० ए 5 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	4306	० ए 2 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	4307	० ए 3 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	4308	० ए 4 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	4309	० ए 10 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	4304	० ए 3 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	4357	० ए 22 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	4238	० ए 5 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	427/4271	० ए 5 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	4279	1 ए 50 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	4318	० ए 1 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	3291	० ए 25 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	3293	० ए 12 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	3296	० ए 4 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	3297	० ए 8 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	3157	० ए 15 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	3158	० ए 40 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
579	2278,2254,2255	० ए 13 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
579	2288,2257,2300	० ए 0 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
1134	4256	० ए 7 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	3159	० ए 14 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	4251	० ए 5 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
271	3292	० ए 15 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0
00	00	० ए 0 डि 0 है	पू० पं० द० प०	अवल अधिकारी पुर्सोहा के आदेशानुसार दिनांक -20.06.2024 एवं अपील अवेदन के स्वत स्वयं प्रविष्टन के आलोक में सुधार किया गया है ।	40	0

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बिहार सरकार
बिहार सरकार
राजस्व एवं भूमि सुधार विभाग

जमाबंदी पंजी प्रति

भाग वर्तमान : 1	पृष्ठ संख्या : 96	जमाबन्दी संख्या : 100	कंप्यूटरीकृत जमाबन्दी संख्या : 220105800029786				
जिला का नाम :	Sheohar	अनुमंडल नाम :	Sheohar	अंचल का नाम :	Purnahiya	हल्का का नाम :	अदौरी
मौजा का नाम :	ADAURI	होल्डिंग संख्या :	N/A	तौजी संख्या :	0	थाना नंबर :	0099

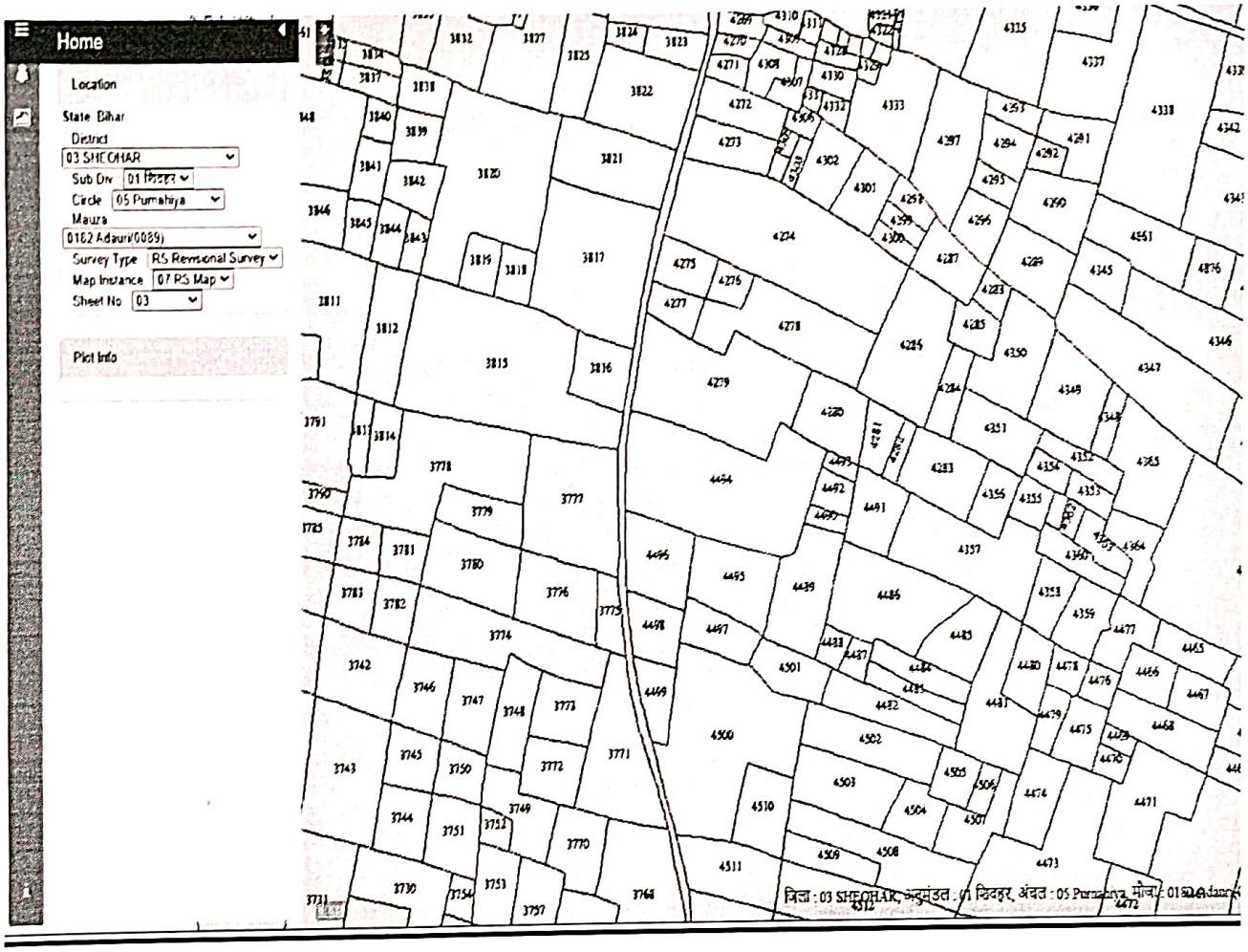
रामेश्वर सिंह, लिंग: पुरुष , पिता/पति/अन्य -RAJENDRA SINGH, जाति-N/A, निवासी- ADAURI .

खाता सं०	प्लाट/खेसरा सं०	रकबा	चौहद्दी	परिवर्तन के लिए प्राधिकार	लगान	सेस
625	3859	0 ए 17 डि 0 हे	पूरब: पश्चिम: उत्तर: दक्षिण:	n/a	20	0
624	3805	0 ए 5 डि 0 हे	पूरब: पश्चिम: उत्तर: दक्षिण:	n/a	20	0
624	3806/3851	0 ए 2.5 डि 0 हे	पूरब: पश्चिम: उत्तर: दक्षिण:	n/a	20	0
624	3851	0 ए 0 डि 0 हे	पूरब: पश्चिम: उत्तर: दक्षिण:	n/a	20	0
1127	2895	0 ए 25 डि 0 हे	पूरब: पश्चिम: उत्तर: दक्षिण:	n/a	20	0
1127	3054	0 ए 0 डि 0 हे	पूरब: पश्चिम: उत्तर: दक्षिण:	n/a	20	0
1127	3062	0 ए 0 डि 0 हे	पूरब: पश्चिम: उत्तर: दक्षिण:	n/a	20	0
1127	3063	0 ए 14 डि 0 हे	पूरब: पश्चिम: उत्तर: दक्षिण:	n/a	20	0
1024	4494	0 ए 29 डि 0 हे	पूरब: पश्चिम: उत्तर: दक्षिण:	n/a	20	0
1024	4187	0 ए 4 डि 0 हे	पूरब: पश्चिम: उत्तर: दक्षिण:	n/a	20	0
325	3459	0 ए 4 डि 0 हे	पूरब: पश्चिम: उत्तर: दक्षिण:	n/a	20	0
154	3499	0 ए 1 डि 0 हे	पूरब: पश्चिम: उत्तर: दक्षिण:	n/a	20	0
154	2529	0 ए 1.5 डि 0 हे	पूरब: पश्चिम: उत्तर: दक्षिण:	n/a	20	0

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PRAKRITI ENVIRO CARE & MANAGEMENT PVT. LTD. RQP

KHASRA MAP



Ashutosh Jha

ANANJAYA ENVIRONCLARE & MANAGEMENT PVT. LTD.
ROP

EC EXEMPTION NOTIFICATION

बिहार सरकार
खान एवं भूतत्व विभाग

सं0सं0–प्र0–I–(मिट्टी)–04 / 24–1803 /एम0, पटना, दिनांक–25/02/25

प्रेषक,

विनोद दूहन, भा0प्र0से0
निदेशक, खान।

सेवा में,

सभी समाहर्त्ता,
बिहार।

विषयः– रैखिक परियोजनाओं में प्रयुक्त होने वाले साधारण मिट्टी को पूर्व पर्यावरणीय स्वीकृति से मुक्त करने के संबंध में।

प्रसंगः– पूर्व मध्य रेलवे का Ref- No.-ECR-HQ-O-CONS(CORS)/211/2020 दिनांक–19.03.2025 एवं पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार की अधिसूचना संख्या S.O.1223 (E) दिनांक–17.03.2025

महाशय,

उपर्युक्त प्रसंगाधीन विषयक संबंध में कहना है कि पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार की प्रासंगिक अधिसूचना द्वारा रैखिक परियोजनाओं (स्लरी पाइपलाइनों, तेल और गैस परिवहन पाइपलाइन, राजमार्गों या रेलवे लाइनों) में प्रयुक्त होने वाले साधारण मिट्टी जिसमें 20,000 घनमीटर से अधिक साधारण मिट्टी के निष्कर्षण/खनन हेतु वैसे परियोजनाओं को पूर्व पर्यावरणीय स्वीकृति प्राप्त करने की आवश्यकता से मुक्त किया गया है।

अतः अनुरोध है कि प्रासंगिक अधिसूचना के साथ संलग्न प्रपत्र के मानक कंडिकाओं के अनुपालन हेतु अधिसूचना में वर्णित पदाधिकारियों की जिला/अनुमंडल स्तरीय समिति का गठन कर रैखिक परियोजनाओं के लिए साधारण मिट्टी के प्राप्त आवेदनों पर नियमानुकूल कारवाई करने की कृपा की जाय।

अनुलग्नकः– प्रासंगिक अधिसूचना एवं पूर्व मध्य रेलवे द्वारा समर्पित आवेदन की छायाप्रति संलग्न।

विश्वासभाजन

25/02/25
निदेशक, खान।

ज्ञापांक–1803 /एम0, पटना, दिनांक–25/02/25
प्रतिलिपिः–सभी सहायक निदेशक/खनिज विकास पदाधिकारी को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

25/02/25
निदेशक, खान।

ज्ञापांक–1803 /एम0, पटना, दिनांक–25/02/25
प्रतिलिपिः–मुख्य अभियंता (निर्माण), पूर्व मध्य रेलवे, महेन्द्रूघाट पटना को उनके पत्रांक–259 दिनांक–19.03.2025 के आलोक में सूचनार्थ प्रेषित।

25/02/25
निदेशक, खान।

Ashutosh Jha

PRANEJA ENVIRO CARE & MANAGEMENT PVT. LTD.
ROP

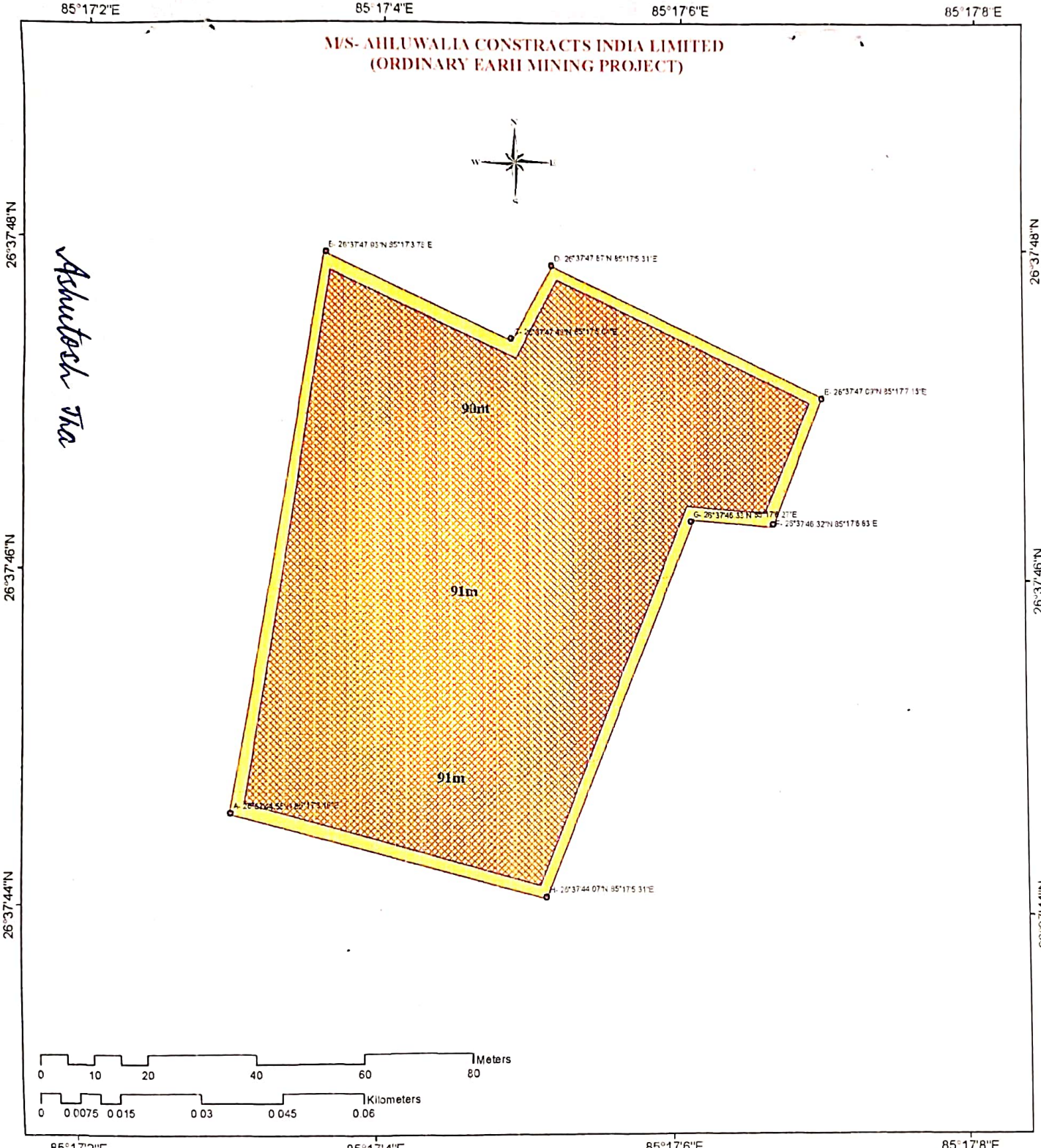
MAPS & PLATES

Ashutosh Jha

PRANEJA ENVIROCARE & MANAGEMENT PVT. LTD. ROP

85°17'2"E 85°17'4"E 85°17'6"E 85°17'8"E

M/S- AHLUWALIA CONSTRACTS INDIA LIMITED
(ORDINARY EARH MINING PROJECT)



Ashutosh Tha

MINING PROJECT AREA:
MAUZA- ADAURI, BLOCK- PURNAHIYA,
DIST- SEOHAR
AREA- 0.80 Ha/ 1.99 Acres

MINING DEPTH- 2 mbgl

Index

- GPS Point
- Contour (1m) interval
- Project Area
- Mining Depth 2.0m
- Geological Plan
- Agriculture Land (LU) Landuse

PLATE NO-1

SURFACE & GEOLOGICAL PLAN

M/S- AHLUWALIA CONSTRACTS INDIA LIMITED

M/S- AHLUWALIA CONSTRACTS INDIA LIMITED
ADD- A 177,OKHLA INDUSTRIAL AREA PHASE 1,
NEW DELHI-110020

DATE OF SURVEY

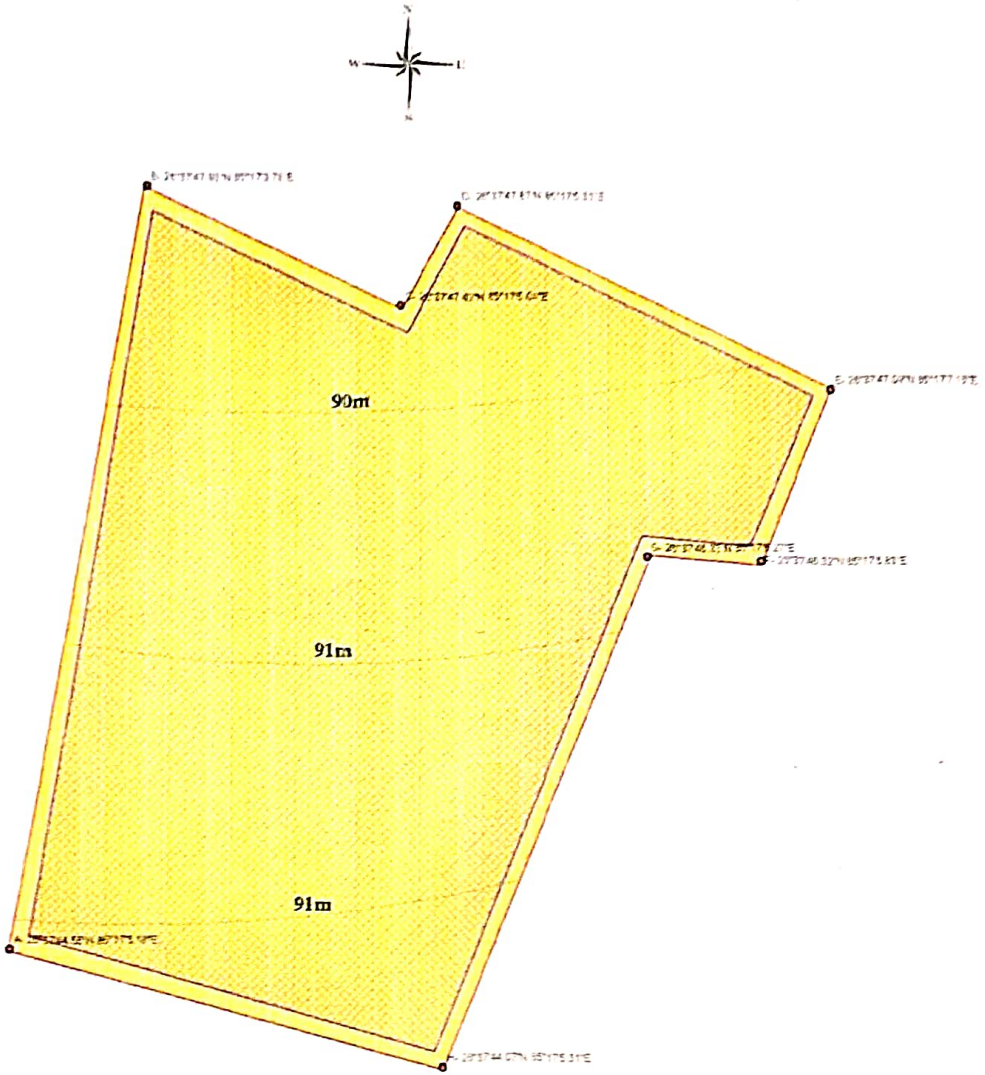
PREPARED BY :-

SIGNATURE

PRANEJA ENVIROCARE & MANAGEMENT PVT. LTD. RQP

85°17'2"E 85°17'4"E 85°17'6"E 85°17'8"E

M/S- AHLUWALIA CONSTRACTS INDIA LIMITED
(ORDINARY EARTH MINING PROJECT)



26°37'48"N
26°37'46"N
26°37'44"N

Achutosh Jha

0 10 20 40 60 80 Meters

0 0.0075 0.015 0.03 0.045 0.06 Kilometers

85°17'2"E 85°17'4"E 85°17'6"E 85°17'8"E

MINING PROJECT AREA:
MAUZA- ADAURI, BLOCK- PURNAHIYA,
DIST- SEOHAR
AREA- 0.80 Ha/ 1.99 Acres

MINING DEPTH- 2 mbgl

Index

- GPS Point
- Contour (1m) interval
- Project Area
- Mining Depth 2.0m
- Geological Plan
- Agriculture Land (Lu/c) Landuse

PLATE NO-2

DEVELOPMENT PLAN

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M/S- AHLUWALIA CONSTRACTS INDIA LIMITED
ADD- A 177,OKHLA INDUSTRIAL AREA, PHASE-1
NEW DELHI-110020

DATE OF SURVEY

PREPARED BY :-

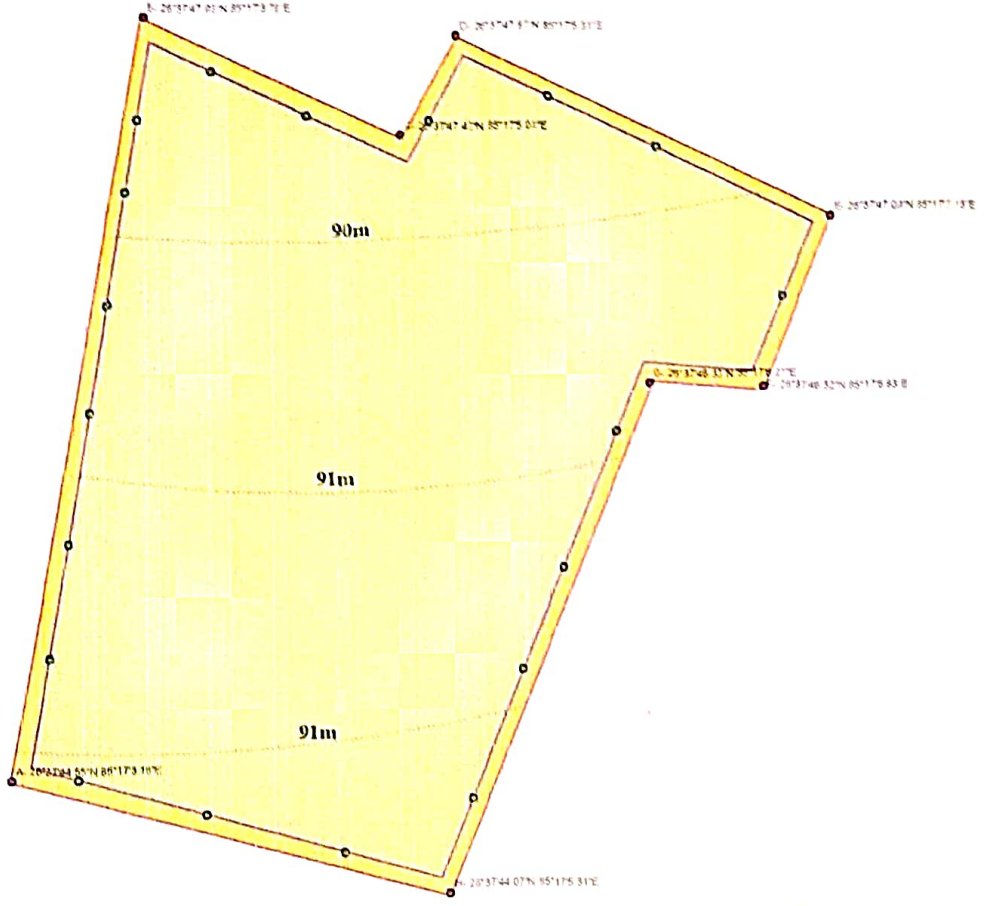
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PRANEJA ENVIRO MANAGEMENT PVT. LTD. ★ RQP ★

85°17'2"E 85°17'4"E 85°17'6"E 85°17'8"E

26°37'48"N
26°37'46"N
26°37'44"N

M/S- AHLUWALIA CONSTRACTS INDIA LIMITED
(ORDINARY EARTH MINING PROJECT)



Ashutosh Jha

0 10 20 40 60 80 Meters

0 0.0075 0.015 0.03 0.045 0.06 Kilometers

MINING PROJECT AREA:
MAUZA- ADAURI, BLOCK- PURNAHIYA,
DIST- SEOHAR
AREA- 0.80 Ha/ 1.99 Acres

MINING DEPTH- 2 mbgl

Index

- EMP
- GPS Point
- Contour (1m) interval
- Project Area
- Mining Depth 2.0m
- Geological Plan
- Agriculture Land (LU) Landuse

PLATE NO-3

EMP PLAN

M/S- AHLUWALIA CONSTRACTS INDIA LIMITED

M/S- AHLUWALIA CONSTRACTS INDIA LIMITED
ADD- A 177,OKHLA INDUSTRIAL AREA PHASE-1
NEW DELHI-110020

DATE OF SURVEY

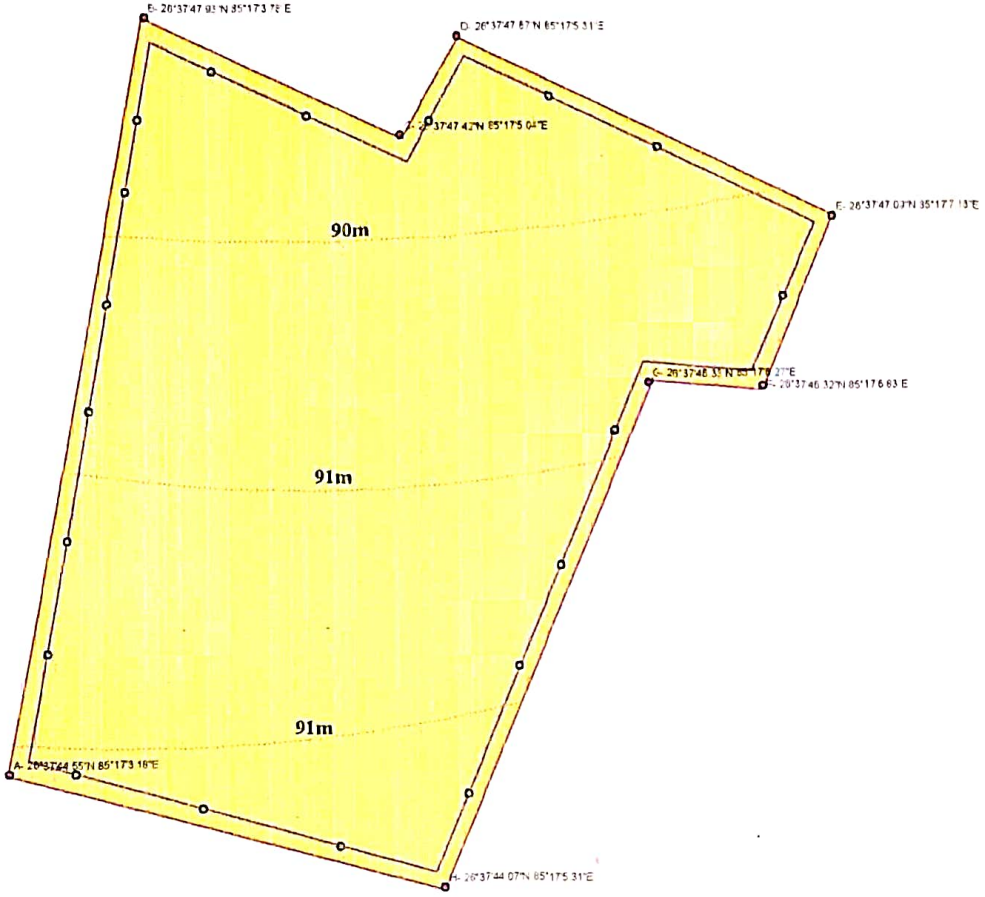
PREPARED BY :-

SIGNATURE

PRANEJA ENVIROCARE & MANAGEMENT PVT. LTD. ★ RQP ★

85°17'2"E 85°17'4"E 85°17'6"E 85°17'8"E

M/S- AHLUWALIA CONSTRACTS INDIA LIMITED
(ORDINARY EARH MINING PROJECT)



26°37'48"N
26°37'46"N
26°37'44"N

Ashutosh Jha

0 10 20 40 60 80 Meters

0 0.0075 0.015 0.03 0.045 0.06 Kilometers

85°17'2"E 85°17'4"E 85°17'6"E 85°17'8"E

MINING PROJECT AREA:
MAUZA- ADAURI, BLOCK- PURNAHIYA,
DIST- SEOHAR
AREA- 0.80 Ha/ 1.99 Acres

MINING DEPTH- 2 mbgl

Index

- EMP
- GPS Point
- Contour (1m) interval
- Project Area
- Mining Depth 2.0m
- Reclamation Plan
- Geological Plan
- Agriculture Land (LU) Landuse

PLATE NO-4

RECLAMATION PLAN

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M/S- AHLUWALIA CONSTRACTS INDIA LIMITED
ADD- A 177,OKHLA INDUSTRIAL AREA PHASE-I
NEW DELHI-110020

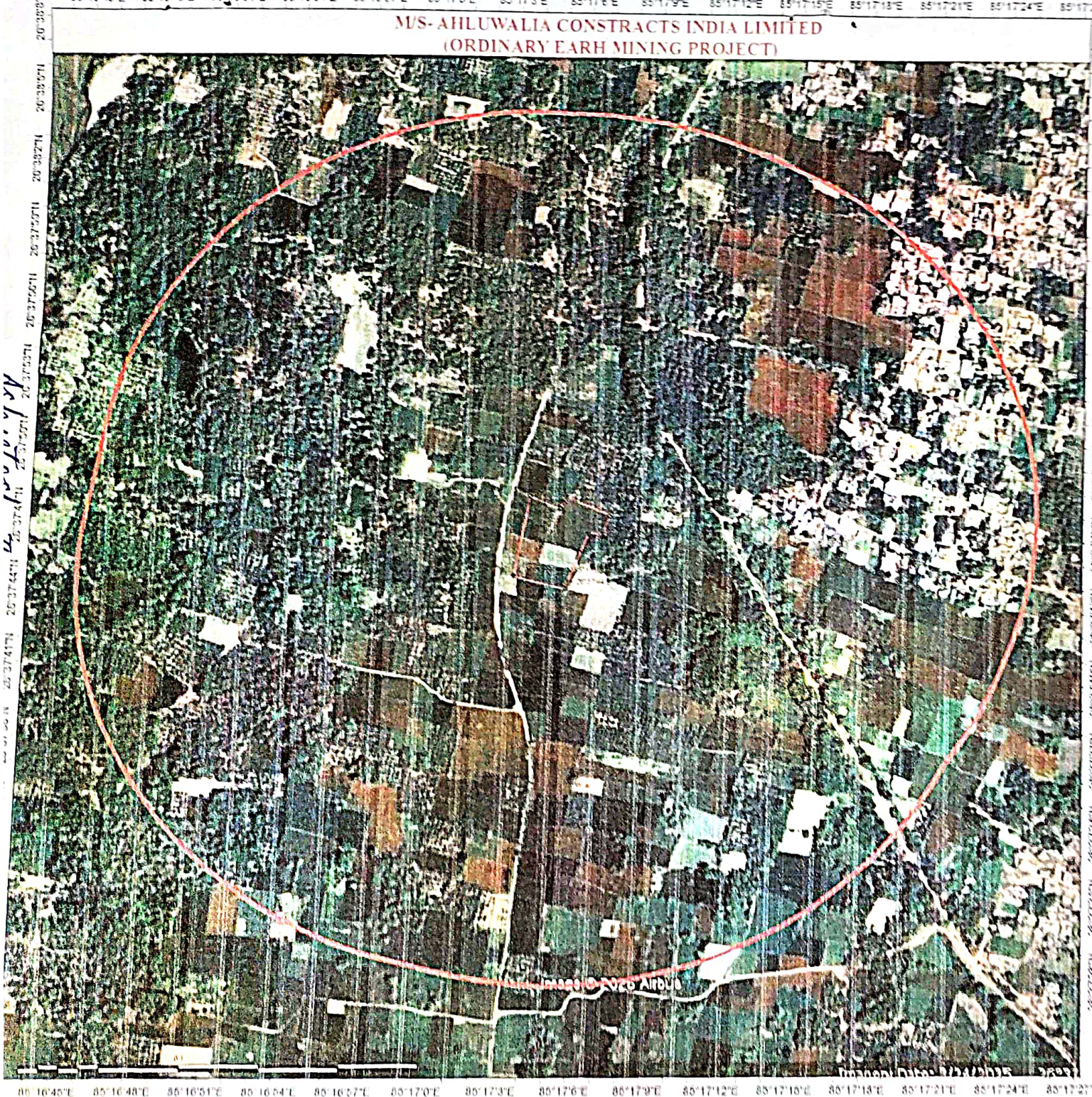
DATE OF SURVEY

PREPARED BY :-

SIGNATURE

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M/S- AHLUWALIA CONSTRACTS INDIA LIMITED
(ORDINARY EARH MINING PROJECT)



500m BUFFER LOCATION MAP
OF THE STUDY AREA

MINING PROJECT AREA:
MAUZA- ADAURI, BLOCK- PURNAHIYA,
DIST- SEOHAR
AREA- 0.80 Ha/ 1.99 Acres

MINING DEPTH- 2 m bgl

Scale 1:3500

SATELLITE VIEW MAP

Legend

GPS Point

Project Area

Buffer_500m

SATELLITE IMAGE1.img

RGB

Red_Layer_1

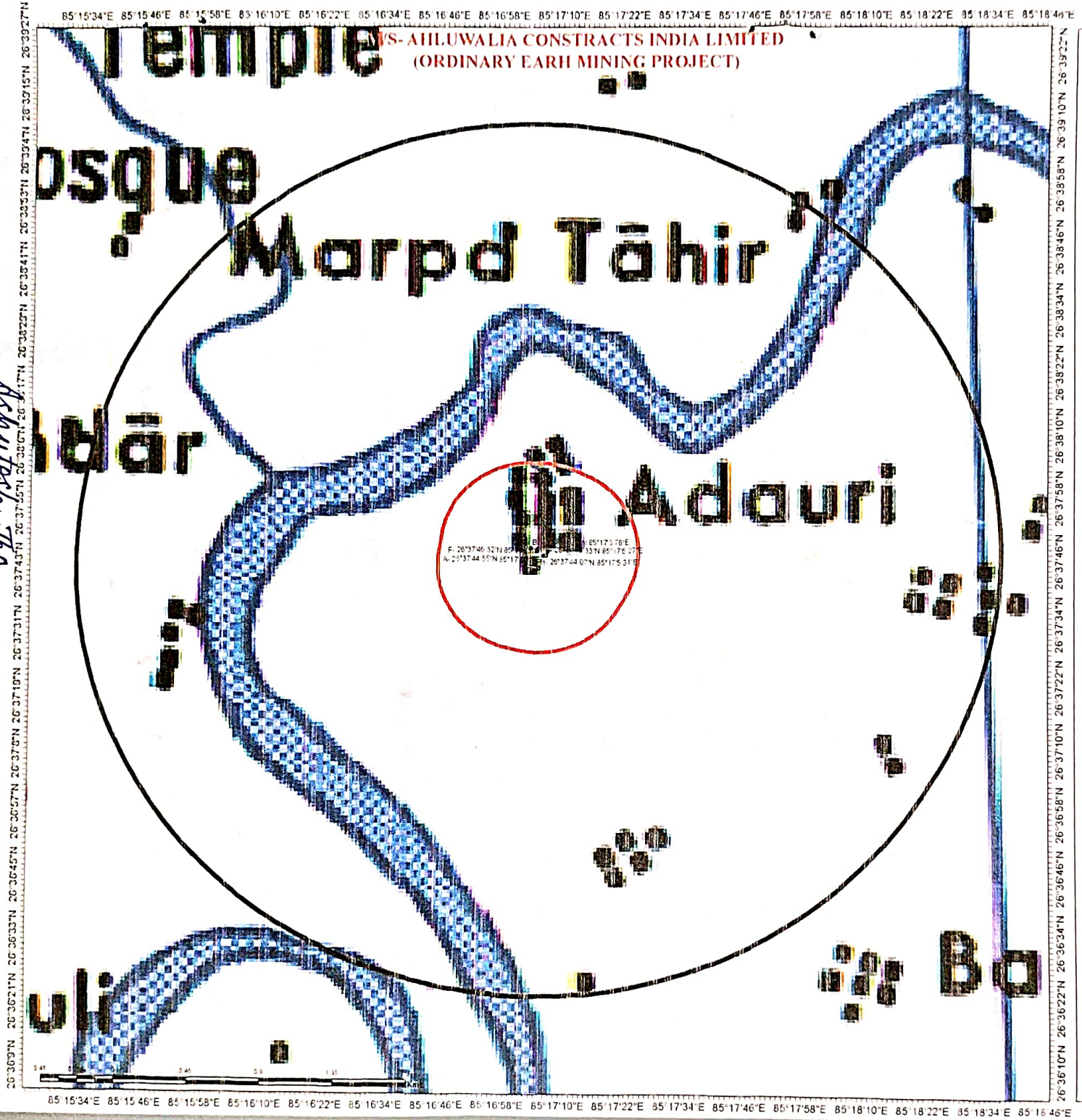
Green_Layer_2

Blue_Layer_3

Source
Airbus/Google Image

PRAMEJA ENVIROCARE & MANAGEMENT PVT. LTD.
RQP

M/S- AHLUWALIA CONSTRACTS INDIA LIMITED
(ORDINARY EARH MINING PROJECT)



2500m BUFFER LOCATION MAP
OF THE STUDY AREA

MINING PROJECT AREA:
MAUZA- ADAURI, BLOCK- PURNAHIYA,
DIST- SEOHAR
AREA- 0.80 Ha/ 1.99 Acres

MINING DEPTH- 2 mbgl

Scale 1:15,476

TOPOGRAPHICAL VIEW MAP

Legend

- GPS Point
- Project Area
- Buffer_500m
- Buffer_2500m

NG-45-5REG-Dar-Seo-Muz.img

RGB

- Red: Band_1
- Green: Band_2
- Blue: Band_3

Source
Old Toposheet/ New 72F/6

PRANEJA ENVIROCARE & MANAGEMENT PVT. LTD.
RQP

Ashutosh Jha