

जिला खनन कार्यालय, मुजफ्फरपुर

पत्रांक: 595 / एम0, दिनांक: 08/05/2024

सेवा में,

मेसर्स ब्रॉडवे लिंक प्राइवेट लिमिटेड
श्री कृष्णा नगर
बेगूसराय, बिहार - 851101

विषय:- खनन योजना (Mining Plan) अनुमोदन के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में कहना है कि मुजफ्फरपुर जिलान्तर्गत, सकरा थानान्तर्गत मौजा/ग्राम- सकरा वाजिद, थाना संख्या -863 खाता नं0- 520 खेसरा नं0- 40,36,62,188,44,48 रकबा 2.740 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 पटना दिनांक- 27.12.16 के आलोक में निम्न शर्तों के साथ अनुमोदन किया जा रहा है।

1. खनन योजना का अनुमोदन 20,940 घन मीटर साधारण मिट्टी के उत्पादन हेतु अनुमान्य किया गया है।
2. साधारण मिट्टी खनन की गहराई सतह से 2.0 मी0 से अधिक नहीं होगा।
3. खनन कार्य ग्राउन्ड वाटर लेवल से कम से कम 2.0 मी0 उपर तक ही सीमित रखा जाएगा।
4. प्रस्तावित उत्खनन की गहराई के कम से कम आधे के बराबर चौड़ाई रखने वाले सटे मैदानों की सीमा से पटरी छोड़ दी जाएगी।
5. ईंट निर्माण, मिट्टी भराई, पथनिर्माण, तटबंध निर्माण आदि के प्रयोजनार्थ ईंट मिट्टी और साधारण मिट्टी के खनन/उत्खनन से संबंधित क्रिया कलाप में विस्फोटक का प्रयोग नहीं होगा।
6. खनन/उत्खनन संबंधी क्रिया-कलाप कार्य क्षेत्र के सामान्य जल निकासी के प्रतिरूप (पैटर्न) को परिवर्तित नहीं करेगा।
7. खोदे गए/उत्खनित गड्ढा (पिट) को परियोजना प्रस्तावक द्वारा उपयोगी प्रयोजन (प्रयोजनों) के लिए पुनः स्थापित किया जाएगा।
8. खोदे गए/उत्खनित गड्ढा के चारों ओर समुचित घेराबंदी कर दी जाएगी, ताकि किसी दुर्घटना से बचा जा सके।
9. ढुलाई के दौरान खोदी गई/उत्खनित मिट्टी के फैलने से धूल उत्सर्जन को रोकने के लिए उपाय किए जाएंगे।
10. मिट्टी के खनन/उत्खनन के कारण सृजित जल निकायों में रोग वाहकों (वेक्टर) के प्रजनन के कारण स्वास्थ्य खतरों के विरुद्ध सुरक्षा मानक अपनाये जाएंगे।
11. कामगारों/मजदूरों को पेयजल और सफाई संबंधी सुविधाएँ प्रदान की जाएँगी।

12. किसी उत्खनन क्षेत्र की परिधि से किसी असैनिक संरचना की दूरी कम से कम 15 मीटर रखी जाएगी।
13. राष्ट्रीय पार्को और वन्य प्राणी अभ्यारण्य की सीमा के 1 किलोमीटर के अन्दर उत्खनन के क्षेत्र के मामले में "ईट मिटटी" अथवा साधारण मिट्टी के खनन/उत्खनन की अनुमति नहीं दी जाएगी।
14. खनन योजना में खनन कार्य बेंच बना कर किया जाएगा जिसकी अधिकतम ऊँचाई 1.5 मी० एवं चौड़ाई कम से कम 3.0 मी० होनी चाहिए।
15. 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।
16. खनन योजना में चार्जित भूमि के स्वामिस्व तथा भूस्वामियों की सहमती से संबंधित अभिलेखों की पुष्टि करा लिया जाना अपेक्षित होगा।
17. भविष्य में किसी प्रकार की कोई भी गलती खनन योजना अथवा कार्य में पाई जाएगी तो खनन योजना स्वतः निरस्त माना जाएगा।
18. खनन कार्य से पूर्व सख्त प्राधिकार से पर्यावरणीय स्वीकृति की प्राप्ति एवं संबंधित जिला खनन कार्यालय मुजफ्फरपुर में खनन एप्लिकेशन, मालिकाना शुल्क एवं अन्य देय राशि जमा कर खनन की अनुमति संबंधित अनुज्ञा पत्र लेना अनिवार्य होगा।



खनन विकास पदाधिकारी
जिला खनन कार्यालय,
मुजफ्फरपुर

SOIL/ORDINARY EARTH MINING

खान निरीक्षक
जिला खनन कार्यालय

OF

APPROVED
Mineral Development Officer
Muzaffarpur
Letter No. _____ Date _____

M/S BROADWAY LINKS PVT. LTD.

ADDRESS- Sri Krishna Nagar, Begusarai

851101, Begusarai, Bihar

PROPONENT- MR. SANJAY KUMAR SINGH

S. No.	Thana Number	Khata Number	Khasra Number	Mining Address	Area	
					Acre	Hectare
1	863	520	40, 36, 62, 188, 44, 48	MAUZA: -SAKRA WAZID, P.S: SAKRA DIST: - MUZZAFARPUR, BIHAR	2.740	1.108
Total					2.740	1.108

MINING PLAN CUM PROGRESSIVE MINE CLOSURE PLAN

The Bihar Minor Mineral Concession Rules, 1972 and It's consecutive amendments.

PREPARED BY

DR. ASHISH SHARMA (RQP)

(APPROVED RQP BY MINES & GEOLOGY DEPARTMENT, BIHAR)

SERIAL NO - 09 (RQP EMPANELMENT LIST, BIHAR)

For Broadway Links Private Limited

Director

Ashish Sharma
Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No.-9

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For Broadway Links Private Limited



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INTRODUCTION

The Proposed soil/clay mining project of "BROADWAY LINKS PVT LTD" at Thana Number-863, Khata No. 520, Khasra No. 40, 36, 62, 188, 44 ,48 at, Mauza: -Sakra Wazid, P.S: - Sakra Dist.: -Muzaffarpur, Bihar. The total mine lease area of the proposed soil mining project is 2.740Acre and 1.108Ha.

Table 1: DETAILS OF CLAY EARTH MINING AND MINING LOCATION

DESCRIPTION		LOCATION
Thana Number	863	A N25° 59' 31.508" E85° 33' 31.210"
Khata Number	520	B N25° 59' 31.744" E85° 33' 37.613"
Khasra Number	40, 36, 62, 188, 44 ,48	C N25° 59' 31.415" E85° 33' 41.020"
Address of mining	Mauza: -Sakra Wazid, P.S: - Sakra Dist.: - Muzzafarpur, Bihar	D N25° 59' 28.598" E85° 33' 42.918"
Area (Acres)	2.740	E N25° 59' 29.573" E85° 33' 34.914"
Area (Hectares)	1.108	F N25° 59' 30.296" E85° 33' 31.086"
		G N25° 59' 28.264" E85° 33' 40.566"
		H N25° 59' 27.318" E85° 33' 42.872"

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

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opportunities, improving socio-economic conditions of the local inhabitants and all-around status of life, achieving thereby a sustainable development.

The history of lease area grant, ownership etc. is as below:

**Table 2: OWNERSHIP, LEASE PERIOD AND MINING STATUS DETAILS OF LAND
LEASED**

S. NO.	PARTICULAR	DETAILS
1.	Letter no/date of execution & agreement period	As per Land agreement made with owners/owners of the Land for a period of One Years from the date of agreement, whichat Thana Number-863, Khata No. 520, Khasra No. 40, 36, 62, 188, 44 ,48 at, Mauza: -Sakra Wazid, P.S: - Sakra Dist.: - Muzzafarpur, Bihar. The total mine lease area of the proposed soil mining project is 2.740 Acre and 1.108 Ha.
2.	Date of first opening	YET TO OPEN (After environment clearance from concerned authority)
3.	Status of Environmental clearance	NEW APPLICATION As per EIA Notification 2006 and its amendments. The proponent will submit the application to concerned authority for environment clearance after the approval of Mining Plan with Progressive Mine Closure Plan.

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CHAPTER 1: GENERAL

I. NAME OF THE PROPONENT WITH COMPLETE ADDRESS:

M/s Broadway Links Pvt Ltd
Mr. Sanjay Kumar Singh
Sri Krishna Nagar, Begusarai
851101, Begusarai, Bihar

II. STATUS OF PROPONENT: Private Limited

III. MINERAL WHICH ARE OCCURRING IN THE AREA & WHICH PROPONENT INTENDS TO MINE: Ordinary Clay/Soil

IV. Period for which the mining lease is granted: One Year.

V. Name of R.Q.P. preparing the Mining Plan:

Name of RQP: DR. ASHISH SHARMA

Address: Hasib Villa Naya Tola Line Bazar, Purnea Bihar-854301

Mobile: 9753385659

Serial No. – 09 Notification No. 3825/M Patna, dated 07/11/19 by Department of Mines & Geology, Government of Bihar

VI. Name of prospecting agency: Proponent / land owner has given the consent for extraction of mineral.

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CHAPTER 2: LOCATION AND ACCESSIBILITY

A. Details of area (with location map):

The Lease which at Thana Number-863, Khata No. 520, Khasra No. 40, 36, 62, 188, 44, 48 at, Mauza: -Sakra Wazid, P.S: - Sakra Dist.: - Muzaffarpur, Bihar. The total mine lease area of the proposed soil mining project is 2.740 Acre and 1.108 Ha. have well access Sakra- Dholi Road by connectivity with local roads, running at a distance of approx. 1.5 km towards North & further leads to the applied area through metaled road.

B. Lease Area (Ha.):1.108Hectare

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

The land is owned by private landowners& has given their consent for the exploitation soil. The area is free from forest land.

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

Lease area is connected to Sakra- Dholi main Road by connectivity with local roads, running at a distance of approx. 1.5 km towards North& further leads to the applied area through metalled road.

Nearest railway station Muzzafarpur Station -20 Km North East.

E. Toposheet No. with latitude and longitude:

The Toposheet Number and GPS reading of all plots with its extent is given below:

Table 3: TOPOSHEET NUMBER AND GPS READING OF ALL PLOTS

TOPOSHEET NO.	KHASRA NUMBER	GPS CO-ORDINATES
	40, 36, 62, 188, 44, 48	A N25° 59' 31.508"
		E85° 33' 31.210"
		B N25° 59' 31.744"
		E85° 33' 37.613"
		C N25° 59' 31.415"
		E85° 33' 41.020"
		D N25° 59' 28.598"
		E85° 33' 42.918"

		E	N25° 59' 29.573"
			E85° 33' 34.914"
		F	N25° 59' 30.296"
			E85° 33' 31.086"
		G	N25° 59' 28.264"
			E85° 33' 40.566"
		H	N25° 59' 27.318"
			E85° 33' 42.872"

Table IV: LAND USE PATTERN

Sr. No.	Land use Pattern	The existing land use pattern is tabulated as below		
	Land use	Agriland (Ha.)	Forest Land (Ha.)	Barren land (Ha.)
1	Mining pits Quarry	-	-	Nil
2	Approach Road	-	-	-
3	Dumps	-	-	Nil
4	Office, Rest Shelter etc.	-	-	Nil
5	Balance undisturbed land	-	-	1.108
	Total	-	-	1.108

Attach a general location map and vicinity map showing area boundaries and existing proposed routes. It is preferred that the area be marked on a Survey of India topographical map or a cadastral map or forest map as the case may be. However, if none of these are available the area should show on an accurate sketch map on a scale of 1:5000: Location map attached showing lease :

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INFRASTRUCTURAL - FACILITIES

Roads: Lease area is connected to Sakra- Dholi main Road by connectivity with local roads, running at a distance of approx. 1.5 Km m towards South & further leads to the applied area through metaled road.

Power: Surrounding villages already receiving electricity power. About 100% villages in 5 Km. buffer zone are electrified.

Land Use: The land use of the mine area is agricultural and there will be no change in land use after operation. The ultimate land use of the mine lease area will not be change. This cultivation is rain fed and other source of irrigation is tube wells & canals are available in the area.

Health Facilities: Primary health centre (PHC), Medical shops and private clinics are available at, Muzaffarpur approx. 22 Km towards North from the lease area.

Education facilities: Education facility is up to Sakra Wazid Middle School approx. 1 km west from the lease area.

DakBungalow: The nearest District Guest House is situated in Muzaffarpur, approx. 21 Km towards North.

Rail head: Nearest railway station Muzaffarpur Station - 22 km North.

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CHAPTER 3: GEOLOGY AND EXPLORATION

a) Briefly describe the physiography & general geology & local mine geology of the mineral deposit including draining pattern.

GEOMORPHOLOGY

Bihar, nestled in the eastern part of India, showcases a rich tapestry of geomorphological features molded over millennia by intricate geological processes. Dominating its landscape are the expansive Gangetic Plains, testament to the relentless deposition of sediment carried by the Ganges River and its tributaries. These plains, renowned for their fertility, serve as the agricultural heartland of the state, sustaining its economy and livelihoods.

The river systems of Bihar, including the mighty Ganges, Gandak, Sone, and Kosi, crisscross the terrain, sculpting it through erosion, deposition, and meandering. Along their banks lie extensive floodplains, periodically inundated during monsoon seasons, enriching the soil with fertile alluvium and supporting bountiful agriculture.

Rising from the northern horizon, the Himalayan foothills bestow Bihar with rugged terrain, hills, valleys, and plateaus. Here, the bhabar and tarai regions unfurl—a narrow belt of gravelly soil at the foothills' base, transitioning into marshy, fertile plains further downstream.

Southern Bihar offers a different landscape, adorned with plateaus and uplands, cloaked in verdant forests and dotted with lakes, providing habitats for diverse flora and fauna. Man-made reservoirs like the Ghora Katora Lake and natural sanctuaries like the Kanwar Lake Bird Sanctuary add to the state's ecological wealth.

Throughout Bihar's geomorphology, the marks of time are etched—terraces along riverbanks narrate ancient floodplains, while tectonic activity leaves subtle imprints on its topography. It's a story of resilience and adaptation, where nature's forces have shaped a land of immense beauty and bounty, defining the lives and aspirations of its people for generations.

REGIONAL GEOLOGY

Bihar's regional geology showcases a diverse landscape shaped by ancient crystalline rocks in the south, such as granite and gneiss from the Pre-Cambrian era. The Gondwana Formation in the southern regions reveals Permian and Triassic sedimentary rocks like sandstone and coal deposits. The Gangetic Alluvial Plains dominate the majority of Bihar, featuring fertile layers of Quaternary alluvium brought down by rivers

like the Ganges. Along these rivers, Quaternary deposits, including floodplain sediments and river terraces, illustrate ongoing fluvial processes. In the northwest, Tertiary sedimentary rocks like sandstone and limestone indicate past marine and terrestrial environments. The Himalayan foothills in the north bordering Nepal exhibit folded sedimentary rocks and active tectonic activity, with associated mineral resources like coal and limestone contributing to Bihar's industrial growth. Understanding Bihar's regional geology is pivotal for sustainable development and resource management in the state.

SOIL

Bihar's soils are a testament to its diverse geography and geological history, offering a mosaic of fertility and challenges for agriculture. Predominantly, the Gangetic Plains are adorned with alluvial soils, crafted by the gentle caress of rivers like the Ganges, Gandak, and Kosi. These soils, rich in nutrients and well-drained, form the agricultural heartland of the state, fostering abundant crops year after year.

Venturing southward, one encounters the reddish hues of red soils and the dark allure of black soils, remnants of ancient crystalline rocks and basaltic formations. While not as inherently fertile as their alluvial counterparts, these soils still provide sustenance to pulses, oilseeds, and cotton, adding diversity to Bihar's agricultural tapestry.

In the eastern reaches, laterite soils emerge, shaped by the relentless forces of rainfall and weathering. With their characteristic acidity and iron-rich composition, these soils offer opportunities for select crops amidst the challenges posed by their unique properties.

Along the rivers' embrace, marshy and deltaic soils thrive, nurturing wetland agriculture and paddy cultivation amidst their moist embrace. However, in certain pockets, saline and alkaline soils pose obstacles, demanding innovative approaches to land reclamation and management.

Understanding Bihar's soils is paramount for optimizing agricultural productivity and resilience in the face of environmental dynamics, ensuring a sustainable future for the state's agrarian communities.

RESERVE ESTIMATION

Parameters of Reserve Estimation:

The geological reserves have been estimated as per UNFC guidelines in the entire three axis.

Economic Axis (E-1): The Clay/Soil is existing within the entire Area. The road is near to the excavation site. The landowner consent for the exploitation of Clay on their own land as per agreement. On the feasibility study, economic viability of

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deposit has been established Clay in economic viable, therefore economic axis has been considered as E-1.

Feasibility Status (F-1): Feasibility study has been carried out & is considered to be feasibility status. A feasibility study provides a preliminary assessment with a level of confidence as compared to that of feasibility study. It has been revealed that exploitation of Clay is feasible & economic viable & feasibility axis under UNFC code has been considered as F-1:

Geological Axis: The exposure of Clay is seen in the entire Area. Therefore geological axis has been considered as G-1.

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.

- i) **Proved Mineral Reserves (111):** All quantities of Clay occurring up to depth of 2.0 m from surface has been considered as proved reserves.
- ii) **Feasibility Mineral Reserves (211):** All the quantities of Clay blocked in barrier ultimate pit limit under proved reserves has been considered as 211.

Table 5: UNFC CLASSIFICATION AND CODE

Classification	UNFC Code	Volume (Cum)	Volume (MT)
A) Soil/Clay Reserves			
Mineable Reserve	111	20940	37692
Feasibility Resource (Blocked in Berm and Topsoil) *	211	1220	2196
TOTAL (Geological Reserve)		22160	39888

* Consider 10% of the geological reserved.

Basis of estimation of reserves

- a) The average bulk density of soil has been taken 1.8 for tonnage factor.
- b) The geological reserves have been computed up to 2.0 m depth for each Khasra.
- c) 20 cm top soil layer on the top of Clay Earth Mining have been excluded as it shall be removed.
- d) Stacked separately for back filling on the bottom of excavated pits.

Since the proposed mining lease area is 1.108 ha with the proposed depth of 1.80 m bgl, estimated mineable reserve comes out to be 20940 cum and geological reserve comes out to be 22160 cum.

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Table 6: LIFE OF MINE

PERIOD/VOLUME	PLAN PERIOD	CONCEPTUAL PERIOD
Period	1 Year	Nil
Volume	20940	Nil

The One Years production will be 20940 cubic meters. The detailed breakup has been given in separate Table 7.

MINEABLE RESERVE

Bench height and width 1.0m has been proposed to calculate the mineable reserves. The area of each bench level has been calculated & multiplied by its bench height to get the volume. Density of clay has been taken as 1.8 for tonnage factor. The mineable reserve is given in Table above (Table V) as per Plot wise area in (Ha.), depth as per agreement, proposed depth of mining, area of berm left around the Plot, volume of topsoil, Total available quantity of soil after leaving berm, volume of blockage maintaining 36-degree slope between next level & finally Mineable quantity of soil. Since the proposed mining lease area is 1.108ha and with the proposed depth of 1.80 m bgl, estimated reserve comes out to be 20940 cum. The detailed breakup has been given in Table 7.

CHAPTER 4: MINING

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

Methodology of Mining:/Proposed Mining Method

The proposed project is to mine Clay/Soil from Khasra(s) under agreement sustainably and scientifically. Mining will be opencast manual mining using hand tools like shovel, spade, sieve etc. only in the allotted Khasra keeping the nearby plot(s) unaffected.

Following geo-scientific methods are proposed to carry out the activity:

- Mining will be confined to the allotted Khasra(s) only up to a maximum depth of 2.0 m from the surface in 1m. High and > 10m wide working bench parameters & provision of MCR-1972 and MMR 1972 will be followed strictly.
- The mining shall be done during daytime only in order to avoid environmental pollution or any accidental hazards.
- No mining activity will be undertaken during the monsoon season.
- Only 225 working days in a year have been assumed for calculation purpose.
- Topsoil up to 20-centimetre depth shall be scraped & preserved to spread it after mining activity is completed to restore the fertility of land.
- The width and height of final benches shall be 1m x 1m.
- 3m wide haul road shall be made at 1:16 gradient to the next level.
- No drilling and blasting is proposed.
- The operation will remain manual, using tools like shovel, spade, sieve etc.
- During the agreement period, the deposit will be worked from the top surface up to a maximum depth 1.80 m.
- Total reserve is estimated 22160m³ from all the Khasras whereas; minable reserve is calculated 20940 m³ for the period of One Years.
- 15labourers will be required for the proposed project; the total water requirement will be 2.00 KLD, which include 1.80 KLD for sprinkling & plantation and 0.20 KLD for drinking purpose.
- In order to avoid environmental pollution or any accidental hazards, the mining activity will be restricted to daytime only.
- Soil mining shall strictly be undertaken as per rules & regulation/ permissions obtained from District Administration/ Mining Department.

The project proponent is also required to comply with following stipulations as Office Memorandum No. L-11011/47/2011-IA.II (M) dated: 24th June 2013, MoEFCC, New Delhi, India says that following:-

- The recommendations of the Committee have been examined by MoEFCC and the following has been decided:
- The activities of borrowing / excavation of 'Clay Earth Mining' and 'ordinary earth', up to an area less than 5 ha, may be categorized under 'B2' Category subject to the following guidelines in terms of the provisions under '7.1 Stage (1)-Screening' of EIA Notification, 2006:
- The activity associated with borrowing/excavation of 'Clay Earth Mining' and 'ordinary earth' for purpose of Clay Earth Mining manufacturing, construction of roads, embankments etc. shall not involve blasting.
- The borrowing/excavation activity shall be restricted to a maximum depth of 2.0 m below general ground level at the site.
- The borrowing/excavation activity shall be restricted to 2.0 m above the ground water table at the site.
- The borrowing/excavation activity shall not alter the natural drainage pattern of the area.
- The borrowed/excavated pit shall be restored by the project proponent for useful purpose(s).
- Appropriate fencing all around the borrowed/excavated pit shall be made to prevent any mishap.
- Measures shall be taken to prevent dust emission by covering of borrowed/excavated earth during transportation.
- Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing/excavation of earth.
- Workers / labourers shall be provided with facilities for drinking water and sanitation.
- A berm shall be left from the boundary of adjoining field having a width equal to at least half the depth of proposed excavation.
- A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.
- The concerned SEIAA while considering granting environmental clearance for such activity for Clay Earth Mining /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.
- Notwithstanding what has been stated at (a) above, the following will apply: -

- No borrowing of earth/excavation of "Clay Earth Mining" 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.

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 operation 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.

YEAR WISE PRODUCTION & DEVELOPMENT

Table 7: PRODUCTION IN FIRST YEAR

TERM	PLOT NO.	OPENING RESERVE (M ³)	DEPTH (M)	EXTRACTED VOLUME M ³	CLOSING BALANCE M ³	EXTRACTED VOLUME MT
1 st Year	40, 36, 62, 188, 44, 48	20940	1.5	20940	0	39888

Attach supporting composite plan & section showing pit layouts, dumps, stacks of sub grade mineral, if any etc.

The composite plan & section showing layout of benches are shown in Plate- I to VII. All the Khasras having ordinary clay/Soil cover with topsoil. The topsoil shall be used shall be scraped & preserved to spread it after mining activity is completed to restore the fertility of land. All quantities of ordinary clay/soil to be exploited & shall be used for manufacturing of clay Clay Earth Minings.

Indicate rate of production when the mine fully developed & expected life of mine & the year from which effected.

It shall be a fresh grant. Total reserve is estimated 22160 m³ from all the Khasras whereas; minable reserve is calculated 20940 m³ which shall be extracted for the period of One Years.

Attached a note furnishing a conceptual mining plan up to life of mine based on geological mining & environmental considerations.

A note furnishing a conceptual mining plan up to life of mine based on geological mining & environmental considerations Attached as Plate- IV.

CONCEPTUAL PLAN

a) Conceptual Development

Mining will be done by opencast manual means confined within ultimate pit limit demarcated of particular Khata. Road, habitation etc. will require diversion from mining area for the safety of workings. Size by the end of conceptual period shall be as same to plan period total 1,108 hectare having 1.80 m depth in b1m high bench formation.

The minor mineral exists within the entire area shall be used in making Clay Earth Minings therefore generation of waste shall be nil. Worked out area will mature for rehabilitation along the berm & plantation shall be done simultaneously whereas, excavated area shall be made arable by spreading topsoil over.

Composite plan/ conceptual plan has been prepared and attached as Plates.

b) Anticipated life of mine

Total reserve is 22160 m³ from all the Khasras whereas; minable reserve is calculated 20940 m³.

CHAPTER 5: BLASTING

No blasting is planned for the proposed Clay Earth Mining clay mining; there will be only manual mining.

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

For Broadway Links Private Limited

Dr. Ashish Sharma
Phd-Geol
Approved RQP Dept. of Mines & Geol.
Govt. of Bihar Approved RQP List, Sl No.

CHAPTER 6: MINE DRAINAGE

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

As per the proposed mining, the working shall be confined up to 2.0 m or above the ground water table whichever comes first. Hence no water is likely to be encountered. So there is no need of any such arrangements.

One dug well is situated at north-east of the mine area, approx. 0.60 Km near village. The top ground level of the surface is 40-42mtr. RL & water table encountered in the well is about 10 m. deep and the expected depth of water table in the region is about 40-42mtr. RL

- I. Working expected to be 8 m above the water table during plan period. During plan period, the mine working will be confined up to 40-42mtr. RL. Water table will not be intersected by the mining operations.
- II. The mining operations will be limited in the upper levels & the lowest bench will be formed at 40-42mtr. RL at plan & conceptual period, hence water table will not be encountered by mining activities during plan & conceptual period.

CHAPTER 7: STACKING OF MINERAL REJECTS AND DISPOSAL OF WASTE

- A. Indicate briefly the nature and quantity of topsoil, overburden/waste and mineral rejects likely to be generated during the next One Years:**

As stated earlier that All the Khasras having Ordinary clay cover with topsoil. The topsoil 1942 M³ shall be scraped & preserved for short period on the berm to spread it after mining activity is completed to restore the fertility of land. All quantities of ordinary clay to be exploited shall be used in filling the soil bed of the Rail line. Therefore, generation of waste shall be nil & no proposal has been envisaged for its separate dumping at mine side. Therefore, waste, sub grade mineral rejects shall not be generated during the course of mining.

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

No waste shall be generated during mining activities; hence, no proposal has been envisaged for its separate dumping at mine side

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

As stated earlier that All the Khasras having Ordinary clay cover with topsoil. The topsoil 1942 M³ shall be scraped & preserved for short period on the berm to spread it after mining activity is completed to restore the fertility of land. All quantities of ordinary clay to be exploited shall be used in filling the soil bed of the Rail line. Therefore, generation of waste shall be nil & no proposal has been envisaged for its separate dumping at mine side. Therefore, waste, sub grade mineral rejects shall not be generated during the course of mining.

CHAPTER 8: USE OF MINERAL

The extracted clay will be used for the moulding of red Clay Earth Mining , and will be used for the infrastructure development.

CHAPTER 9: OTHER

Manpower employment potential

Site Services

The following site services will be provided:

Office	1
Drinking water shed	2
Rest shelter	3
First Aid Centre	1

Thus category-wise employments will be as below:

1 Mines mate	01
Semiskilled	
Time Keeper	01
Un-skilled	
Piece rated worker	13
Total	15

Estimated quantity of Fuel/Diesel Consumption

Name of machinery	Capacity	Fuel Consumption	No. of Machinery
Tractor	10 tonnes	2 Ltr/hr	01
Water Tanker	4000 liter	4 Ltr/hr	01
Other vehicles	As per requirement	4 Ltr/hr	01

S. No	Machine	Details of fuel (Diesel) requirements	Consumption of Diesel (in lits/ day.)
2	Tractors	Number of Tractors =1 Diesel consumption by three tractors (i.e-2 ltr/hr.) Tractor=1*2*10=20	20 liters
3	Water Tanker/Wat	Number of Sprinkler= 1 Diesel consumption by Sprinkler	40 liters

	er Sprinkler	in one shift working (i.e-4tr/hr), $=1*4*10=40$ liters.	
4	Extra	Transport vehicle, super vision vehicle, maintenance vehicle	30 liters
			Total=90

Estimated Number of Tree to Be Uprooted Due To Mining Operation

There will be no destruction/uprooted of tree in the proposed mining project

CHAPTER 10: MINERAL PROCESSING

Indicate quantity (cubic meter per day) of water required for mining and processing and sources of supply of water. Disposal of water and extent of recycling.

No water is required for mining and processing, only water sprinkling on road to suppress the dust in peak hours, hence no disposal of water and extent for recycling is required. About 0.20KLD water for drinking as well as 1.80 KLD water for plantation and dust suppression shall be transported into the tankers to the mine head from nearby villages.

CHAPTER 11: ENVIRONMENTAL MANAGEMENT

Table 8: ENVIRONMENT MANAGEMENT PLAN

1.	Topsoil storage, preservation and utilization	Thin quantities of topsoil to be generated will be stacked separately, preserved and used for purposed of plantation therefore no proposal has been envisage for storage, preservation & utilization.
2.	Waste dump management	No waste is being generated during mining whatever material is collected is transported in its original shape. Hence no waste management is required. Small amount of domestic waste is expected, which will be disposed off in a proper way. No waste will be thrown into the streams or left on the banks.
3.	Plantation programme	Plantation will be done along both sides of roads and civic amenities in consultation with the local authorities. Social forestry programme will also be conducted in the nearby villages
4.	Quality of air	24 hourly samples twice a week for one month in each season except monsoon will be collected at the mine site and nearby villages and analysed.
5.	Noise	Excavators used for mining & transportation vehicles used for dispatch of minerals are source of noise pollution at mine site. Hence periodical noise monitoring will be done. Ear muffs/protective equipment's will also be provided for safety of the workers.

6.	Quality and make of water including surface and ground water	Mining will not have any impact on surface and ground water, however monitoring of parameters will be done once in each season.
7.	Soil	No major impact on soil due to mining operations is expected. Soil parameters will be monitored once in One Years.
8.	Topography & drainage	Mined out area will be replenished every year during monsoon period in each stretches in each block in case of river bed blocks. Hence as such no topographical impact will be seen. A buffer zone will be left on either side of banks as safety measure. There is no stream crossing through the applied area, which would show impact on drainage pattern.

Compensation

The compensation to the employees with sustenance of himself and their family members will be provided as per Labour Law and Mines Act.

Dewatering

During the monsoon, the rain water will collect in the pit. This water will percolate in ground containing Clay Earth Mining. Thus dewatering is not required. Rain water will be used in proposed plantation.

Crops

Rabi Crops Wheat, Barley, Masoor, Gram, Pea, Arhar & Mustard etc.

Kharif Crops Paddy, Jwar, Millet, Maize, Urad, Moong, Til, groundnut etc.

Zaid Crops Paddy, Maize, Urad, Moong, Potato, Onion etc.

Flora and Fauna:

Shrubs of Karaunda are found in with in the area. Vegetation and wild life are quite scanty. Trees of Neem, Mahua, Jamun, Mango & Pipal etc. are found only in and around the villages or in agriculture fields. Cows, horses, donkeys, goats, sheep and buffaloes are kept for

house hold requirements. Wild life comprises of rabbits, Squirrels, foxes, snakes, and lizard. Fishes, turtle, and crabs form aquatic life which occurs within a radius of 5 km. Low shrubs and bushes grow on mining area. No wild life is found within the lease area.

ENVIRONMENT MANAGEMENT PLAN

A berm will be left from the adjoining field having a width equal to half of the depth of proposed excavation

Only temporary labour camps will be established outside the Mining site.

No any other activity apart from proposed mining will be allowed at the mine site.

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.

If any tree is inside the proposed mining site then mining will be not done 3 meter circle around the tree and no tree cutting, chopping, lumbering, uprooting of shrubs and herbs will be allowed.

Collection of air and water samples from mining locations with frequency suggested and by analysing thereof. If the parameters exceed the permissible tolerance limits, corrective regulation measure will be taken.

Collection of soil samples at strategic locations once in every year and analysis thereof with regard to deleterious constituents, if any.

Water level measurement will be done in the nearby ponds, dug wells and bore wells, if fluctuation occurs; corrective regulation measure will be taken.

Afforestation will be done as per discussed in "Green Belt" i.e., along mining lease berm width, Haul Road sides and nearby village with prior permission. Initial 3 year will be involved in plantation and after plantation, the area will be regularly monitored evaluation of success rate. It has been suggested to plan the "Fruit-Tree and Pollution Mitigation trees" but for selection of plant species local people should also be involved.

CHAPTER 12: MINE CLOSURE PLAN

Air Quality Survey

The magnitude of air pollution in mining is machineries with method of mining, type of mineral and level of mechanization. The Clay Earth Mining is loose and thus blasting etc. will not require. The source of air pollution will be excavation and loading of Clay Earth Mining and transportation vehicle. The excavation and loading is totally manual. The transportation of Clay Earth Minings from passed to by one wheel hand operated cart. The following measures will be provided:

1. Water spray will be provided over the Clay Earth Mining before excavating. The spray will be in upper layers. In lower layer the Clay Earth Mining comes across in wet form.
2. Water sprinklers will be provided on the kucha approach road to minimize the dust during vehicular movement.

Waste Management

Negligible waste will be generated which will be managed by the labour itself.

Reclamation/Rehabilitation

The top soil shall be used shall be scraped & preserved to spread it after mining activity is completed to restore the fertility of land.

Post Mining Land use: Land form, land use and land ownership

Land Form: The mine agreement area is agricultural private land.

Land Use: Agricultural Land.

The existing land use pattern of the area is agricultural and the pattern of the area as per requirement during mining will be as tabulated below.

Table 9: LAND UTILIZATION DETAILS

CATEGORY	AREA IN HA
Area Left in Berm and Top soil	0.061
Quarrying	1.047
Total Mining Area	1.108

Land Ownership: Private Land

The proposed activity is to take place in the Plot(s) as per agreement and hence there will be no change in land use.

Budget for Mine Closure

Table 10: BUDGET FOR MINE CLOSURE

S.No	Reclamation Activity	Amount (in thousand/ Ha)
1	Preservation of top Soil.	2000.00
2	Plantation on slope terraces/ benches of soil binding species and past plantation care.	3000.00
3	Levelling and landscaping of flat pit area and making it fit for cultivation.	5000.00
4	Formation of Bund walls around excavation plot and of fencing species along with past plantation care.	2000.00
Total		12000.00

CERTIFICATES

For Broadway Links Private Limited

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
GOVT. OF INDIA

CERTIFICATE

This is to certify that the provisions of Bihar Mineral (Concession, Prevention of Illegal Mining, Transportation and Storage) Rules, 2019 have been observed in this Mining Plan of "M/S BROADWAY LINKS PVT LTD" at Thana Number- 863 Khasra No. 40, 36, 62, 188, 44, 48 at, Mauza: - Sakra Wazid, P.S: - Sakra Dist.: - Muzzafarpur, Bihar. The total mine lease area of the proposed soil mining project is 2.740 Acre and 1.108 H and wherever specific permissions are required, I will approach the respective Collector.

Date:

Place:



(Signature of Lessee)

This is certify that the provision of Mines Act, Rules and Regulations made there under have been observed in the Mining Plan and wherever specific permissions are required, I will approach the Directorate General of Mines safety.

Date:

Place:

For Broadway Links Private Limited



Director

(Signature of Lessee)

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Approved RQP List, SI No.-9

DECLARATION

The information/particulars mentioned in the report are correct to the best of my knowledge and belief and in case of default the approval of Mining Plan would be withdrawn.

Date

Ashish Sharma

DR. ASHISH SHARMA

Place:

**(APPROVED RQP BY MINES &
GEOLOGY DEPARTMENT- BIHAR)
(AT S.NO. -09 IN THE LIST OF APPROVED RQP)**

For Broadway Links Private Limited

[Signature]

Director

Dr. Ashish Sharma
Phd-Geology
in Dept. of Mines & Geology

CONSENT LETTER

The Mining Plan of "M/S BROADWAY LINKS PVT LTD" at Thana Number- 863, Khasra No. 40, 36, 62, 188, 44 ,48 at, Mauza: -Sakra Wazid, P.S: - Sakra Dist.: - Muzaffarpur, Bihar. The total mine lease area of the proposed soil mining project is 2.740 Acre and 1.108 Ha. has been prepared by DR. ASHISH SHARMA (AT S.NO. - 09 IN THE LIST OF APPROVED RQP).

It is requested that, any correspondence regarding of this Mining Plan is required, please send on the following address: -

DR. ASHISH SHARMA

(APPROVED RQP BY MINES & GEOLOGY DEPARTMENT- BIHAR)

(AT S.NO. - 09 IN THE LIST OF APPROVED RQP)

(Address- Hasib Villa Naya Tola Line Bazar, Purnea Bihar-854301)

I hereby undertake that all the modification so made in the Mining Plan by recognized person be deemed to have been made with my acknowledge and consent and shall be acceptable to me and binding on me all respects.

Signature	:
Name	: MR. Sanjay Kumar Singh
Designation	: Director
Organization	: M/S BROADWAY LINKS PVT LTD
Place	:
Date	:

For Broadway Links Private Limited


Director

Dr. Ashish Sharma
Phd-Geolo
Approved RQP Dept. of Mines & Geolo

DECLARATION

The information/particulars mentioned in the Mining Plan is correct to the best of my knowledge and belief and in case of default the approval of Mining Plan granted would be withdrawn.



(Signature of Lessee)

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No-9

CERTIFICATE

This is to certify that the provisions of Bihar Mineral (Concession, Prevention of Illegal Mining, Transportation and Storage) Rules, 2019 have been observed in this Mining Plan of "M/S BROADWAY LINKS PVT LTD" at Thana Number- 863, Khasra No. 40, 36, 62, 188, 44, 48 at Mauza: - Sakra Wazid, P.S: - Sakra Dist.: - Muzaffarpur, Bihar. The total mine lease area of the proposed soil mining project is 2.740 Acre and 1.108 Ha. wherever the specific permissions are required the lessee will approach the concerned authorities of the respective Collector, for granting the permission.

Ashish Sharma

Date

DR. ASHISH SHARMA

Place:

(APPROVED RQP BY MINES & GEOLOGY DEPARTMENT- BIHAR)

(AT S.NO. - 09 IN THE LIST OF APPROVED RQP)

This is certify that the provision of Mines Act, Rules and Regulations made there under have been observed in the Mining Plan and wherever specific permissions are required, the lessee will approach the Directorate General of Mines safety.

Ashish Sharma

Date

DR. ASHISH SHARMA

Place:

(APPROVED RQP BY MINES & GEOLOGY DEPARTMENT- BIHAR)

(AT S.NO. - 09 IN THE LIST OF APPROVED RQP)

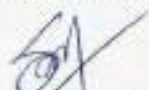
For Broadway Links Private Limited

[Signature]

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Approved RQP List, Sl No-9

WORK ORDER COPY

For Broadway Links Private Limited


Director

Dr. Ashish Sharma
Phd-Ge
Approved RQP Dept. of Mines & G
Govt. of Bihar Approved RQP List, S

Executive Engineer
Tirhut Canal Division,
Motipur Camp, Muzaffarpur

Letter NO, 803

Dated 07.11.2017

LETTER OF ACCEPTANCE

To,
Broadway links Pvt. Ltd.
B-32 Jagat Amrawati Apartment
Baily Road Patna

-Dear sir,

This is to notify you that your Bid 01 SBD/2017-18 dated 07.08.2017 for Construction of Tirhut Main Canal from R.D 806.40 TO 827.70 under Gandak Phase-II for the contract Price of Rupees 69,47,71,963.00 (Rupees Sixty nine crore forty seven lakh seventy one thousand nine hundred sixty three only) is here by accepted and work has been allotted to you vide Chief Engineer Irrigation Creation, water Resource Department Motihari Letter NO. 2443 Dated 03.11.2017.

You are hereby Requested to furnish performance security, in the form detailed in para 34.1 of ITB for an amount equivalent to Rupees 3,99,50,000.00 (Three crore ninety-nine lakh fifty thousand only) within seven days of the Receipt of this Letter of acceptance valid up to twenty eight days (28 days) from the date of Expiry of defect liability create and sign the contract, failing which action as stated in para 34.3 of ITB will be taken.

Your's faithfully,
Executive Engineer
Tirhut Canal Division,
Motipur Camp, Muzaffarpur

For Broadway Links Private Limited

For Broadway Links Private Limited

Director

कार्यपालक अभियन्ता
तिरहुत नहर विभाग, मुजफ्फरपुर
07.11.17

Dr. Ashish Sharma
Phd-Geology
Approved ROP Dept. of Mines & Geology
Govt. of Bihar Approved ROP List, Sl No-9
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कार्यालय
कार्यपालक अभियंता
तिरहुत नहर प्रमंडल, मोतीपुर कैम्प-मुजफ्फरपुर

पत्रांक- 833 गुजफरपुर/दिनांक 16/11/17
सेवा में,

श्री ब्रॉडवे लिंक्स प्रा० लि०,
बी-32, जगत अमरावती एपार्टमेंट,
बेली रोड, पटना/श्री कृष्णनगर, वेगुसराय, विहार 851101

विषय:-तिरहुत मुख्य नहर के वि० दू० 806.40 से 827.70 तक नहर निर्माण कार्य, लाईनिंग एवं संरचना निर्माण कार्य का एकरारनामा के संबंध में।

प्रसंग:- इस प्रमंडल का पत्रांक- 802 दिनांक 07.11.2017
महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र के आलोक में सूचित करना है कि इस कार्यालय पत्रांक- 802 दिनांक 07.11.2017 द्वारा उपरोक्त आवंटित कार्य के एकरारनामा हेतु एक र का समय दिया गया परन्तु अभी तक एकरारनामा के लिए कार्यालय में उपस्थित नहीं हुए, नि एकरारनामा संबंधि कार्रवाई का निष्पादन नहीं हो सका।

अतः पुनः आपको इस पत्र के माध्यम से सूचित किया जाता है कि यह अधोहस्ताक्षरी के कार्यालय में संबंधित वांछित अभिलेख के साथ उपस्थित होकर एकरारनामा कार्रवाई सुनिश्चित करें।

विश्वनाथभाजन

16.11.17

कार्यपालक अभियंता

तिरहुत नहर प्रमंडल, मोतीपुर कैम्प-मुजफ्फरपुर

For Broadway Links Private Limited

Director

कार्यपालक अभियंता
तिरहुत नहर प्रमंडल, मोतीपुर
कैम्प-मुजफ्फरपुर

Dr. Ashish Sharma
Phd-Geology
Approved ROP Dept. of Mines & Geology
Govt. of Bihar
Scanned by CamScanner

कार्यालय
कार्यपालक अभियंता
तिरहुत नहर प्रमंडल, मोतीपुर कैम्प-मुजफ्फरपुर

पत्रांक:- 802 मुजफ्फरपुर/दिनांक 07.11.2017
सेवा में,

श्री ब्रॉडवे लिंक्स प्रा० लि०,
बी-32, जगत अनरायली एपार्टमेंट,
बेली रोड, पटना

विषय-तिरहुत मुख्य नहर के वि० दू० 806.40 से 827.70 तक नहर निर्माण कार्य, लाईनिंग कार्य एवं संरचना निर्माण कार्य का एकरारनामा के संबंध में।

प्रमाण- मुख्य अभियंता, सिंचाई सृजन, जल संसाधन विभाग, मोतीहारी का पत्रांक- 2443 दिनांक 03.11.2017
महोदय,

उपर्युक्त विषयक प्रासंगिक पत्र के आलोक में कहना है कि इस प्रमंडल के अंतर्गत विविध आपूर्ति योजना सं० - 01SBD/2017-18 दिनांक 07.08.2017 में अंकित तिरहुत मुख्य नहर के वि० दू० 806.40 से 827.70 तक नहर निर्माण कार्य लाईनिंग कार्य एवं संरचना निर्माण कार्य का दर, परिमाण विपत्र के सापेक्ष से 10% (दस प्रतिशत) कम की दर पर कुल राशि रु० 69,47,71,693=00 (उन्नहत्तर कड़ोर सैतालिस लाख एखत्तर हजार छः सौ तीरानवे रुपये) मात्र का आपूर्ति कार्य आवंटन आदेश मुख्य अभियंता, सिंचाई सृजन, जल संसाधन विभाग, मोतीहारी के उपरोक्त पत्र द्वारा प्राप्त हुआ है।

इस काम में आपको निर्देश दिया जाता है कि सप्ताह के अन्दर I.T.B के कडिका 34.3 के काम में Performance Security की राशि रु० 2,60,54,000=00 (दो करोड़ साठ लाख चौबन हजार रु०) एवं अतिरिक्त Performance guarantee (due to unbalance rate) जिसकी राशि रुपये 1,38,98,000=00 (एक करोड़ अड़तीस लाख अठ्ठावन हजार रु०) है। कुल राशि रुपये 3,99,52,000=00 (तीन करोड़ नौगानवे लाख पच्चास हजार रु०) मात्र कार्यालय में जमा की जायगी जिसकी कैश का कार्य समाप्ति के पश्चात Defect liability Period के 28वें दिन तक होनी चाहिए। जिसके पूर्ण न होने पर कडिका 34.3 के आलोक में कार्रवाई की जायेगी। साथ ही एक सप्ताह के अन्दर एकरारनामा से संबंधित अभिलेख के साथ ही O.I.S (Over all Implementation Schedule) अनुमोदन हेतु इस कार्यालय में उपस्थित हो राके ताकि एकरारनामा की कार्रवाई की जा सके एकरारनामा के समय कार्य का मदवार कार्यक्रम समर्पित करें।

कार्य आवंटन के क्रम में संलग्न आवश्यक विशेष जो मुख्य अभियंता के उपरोक्त पत्र में उल्लेख किया गया है, वह लागू रहेगी।

दिनांक 7.11.2017
कार्यपालक अभियंता
तिरहुत नहर प्रमंडल, मोतीपुर कैम्प-मुजफ्फरपुर

For Broadway Links Private Limited

Director

22.11.17
कार्यपालक अभियंता

तिरहुत नहर प्रमंडल, मोतीपुर कैम्प-मुजफ्फरपुर

Dr. Ashish Sharma
PhD-Geology

Approved by Dept. of Mines & Geology
Sealed by CamScanner



Government of India
Form GST REG-06
[See Rule 10(1)]

Registration Certificate

Registration Number :10AABCB8948E3ZW

1.	Legal Name	BROADWAY LINKS PRIVATE LIMITED			
2.	Trade Name, if any	BROADWAY LINKS PRIVATE LIMITED			
3.	Constitution of Business	Private Limited Company			
4.	Address of Principal Place of Business	1ST, N.A., N.A., SRI KRISHNA NAGAR, SRI KRISHNA NAGAR, Begusarai, Bihar, 851101			
5.	Date of Liability	01/07/2017			
6.	Period of Validity	From	01/07/2017	To	NA
7.	Type of Registration	Regular			
8.	Particulars of Approving Authority				
Signature					
Name					
Designation					
Jurisdictional Office					
9.	Date of issue of Certificate	20/09/2017			
Note: The registration certificate is required to be prominently displayed at all places of business in the State.					

This is a system generated digitally signed Registration Certificate issued based on the deemed approval of the application for registration

For Broadway Links Private Limited

Director

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No.-8



भारतीय विशिष्ट पहचान प्राधिकरण

भारत सरकार

Unique Identification Authority of India

Government of India

प्रमाणन क्रम / Enrollment No.: 1528/68776/20437

To
संजय कुमार सिंह
Sanjay Kumar Singh
S/O: Bachheshwar Prasad Singh
near subhas chowk ward-23
Begusari
Begusari
Cheria Banwarpur Begusari
Bihar 851101
9431211110

18102014

79910954



MD799109549FH



आपका आधार क्रमांक / Your Aadhaar No. :

9719 6270 7945

मेरा आधार, मेरी पहचान



भारत सरकार

Government of India



संजय कुमार सिंह
Sanjay Kumar Singh
जन्म तिथि / DOB : 25/05/1966
पुरुष / Male



9719 6270 7945

मेरा आधार, मेरी पहचान

For Broadway Links Private Ltd.

Dr. Ashish Sharma
Phd-Geolog
Minist. of Mines & Geolog



सूचना

- आधार पहचान का प्रमाण है, नागरिकता का नहीं।
- पहचान का प्रमाण ऑनलाइन प्रमाणीकरण द्वारा प्राप्त करें।

INFORMATION

- Aadhaar is proof of identity, not of citizenship.
- To establish identity, authenticate online.

- आधार देश भर में मान्य है।
- आधार भविष्य में सरकारी और गैर-सरकारी सेवाओं का लाभ उठाने में उपयोगी होगा।
- Aadhaar is valid throughout the country.
- Aadhaar will be helpful in availing Government and Non-Government services in future.



भारतीय पहचान प्राधिकरण
Unique Identification Authority of India

पता:
S/O: बाबूशंकर प्रसाद सिंह, जिला
हनुमन्त पोस्ट, बॉर्डर-23, बेगूसराय,
बेगूसराय, बिहार, 851101

Address:
S/O: Babushanker Prasad
Singh, near sutthas chack,
ward-23, Begusarai, Begusarai,
Bihar, 851101

9719 6270 7945



181



help@uidai.gov.in



www.uidai.gov.in

For Broadway Links Private Limited

Director

Dr. Ashish Sharma
PhD-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No-9

LEASE AGREEMENT

For Broadway Ltd.



Director

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, Sl No

भारतीय नैऋत्यिक INDIA NON JUDICIAL

एक हजार रुपये

रु.1000



ONE THOUSAND RUPEES

Rs.1000

INDIA



वैद वंशिका चाइवेर निमिटेड, मुजफ्फरपुर, बिहार

368

12/4/24



1000/-

AV 228846

कृष्णा नन्द ठाकुर
मुजफ्फरपुर, बिहार
सकल, मुजफ्फरपुर
सा.नं. 12/91-92

मैं श्रीमान कुमार, वर्ष ००००, पत्नी श्रीमती, ग्राम-बनारस
स्थान, आखोरीवा बाजार चौक, मुजफ्फरपुर, बिहार का
स्थायी निवासी हूँ, मेरा पति श्रीमान श्रीमान श्रीमान
वामन - सुनार, अग्रज - सुनार हूँ, मैं पर मेरा पति
जमीन प्लॉट नं. 520, अग्रज - 40, 36, 62,
188, 44, 48 हैं, जो सुनार अग्रज के अंतर्गत हैं,
मैं यह जमीन अपने सह परिवार के सहमति एवं
लिंकड प्रोडक्ट निमिटेड को लिखित पत्रों में
मिस्टर श्रीमान श्रीमान के लिंक में रखी हूँ।

मैं यह एकरा नाम अपने सह परिवार के सहमति एवं
रखे हुए हूँ।

नाम - श्रीमान कुमार
पता :- श्रीमान श्रीमान श्रीमान
आखोरीवा बाजार चौक
मुजफ्फरपुर, बिहार - 842002

श्रीमान श्रीमान श्रीमान

The Deponent identified
Advocates has Solemny
declared before me.

For Broadway Link

8/27 APR 2024

अग्रज नं. - 520
अग्रज नं. - 40, 36, 62, 188, 44, 48
रकबा :- 2.74 सिसिल
श्रीमान श्रीमान श्रीमान
Dr. Ashish Sharma
Pnd-Geology
Approved RQP List of Mines & Geology
Govt. of Bihar Approved RQP List No. 9

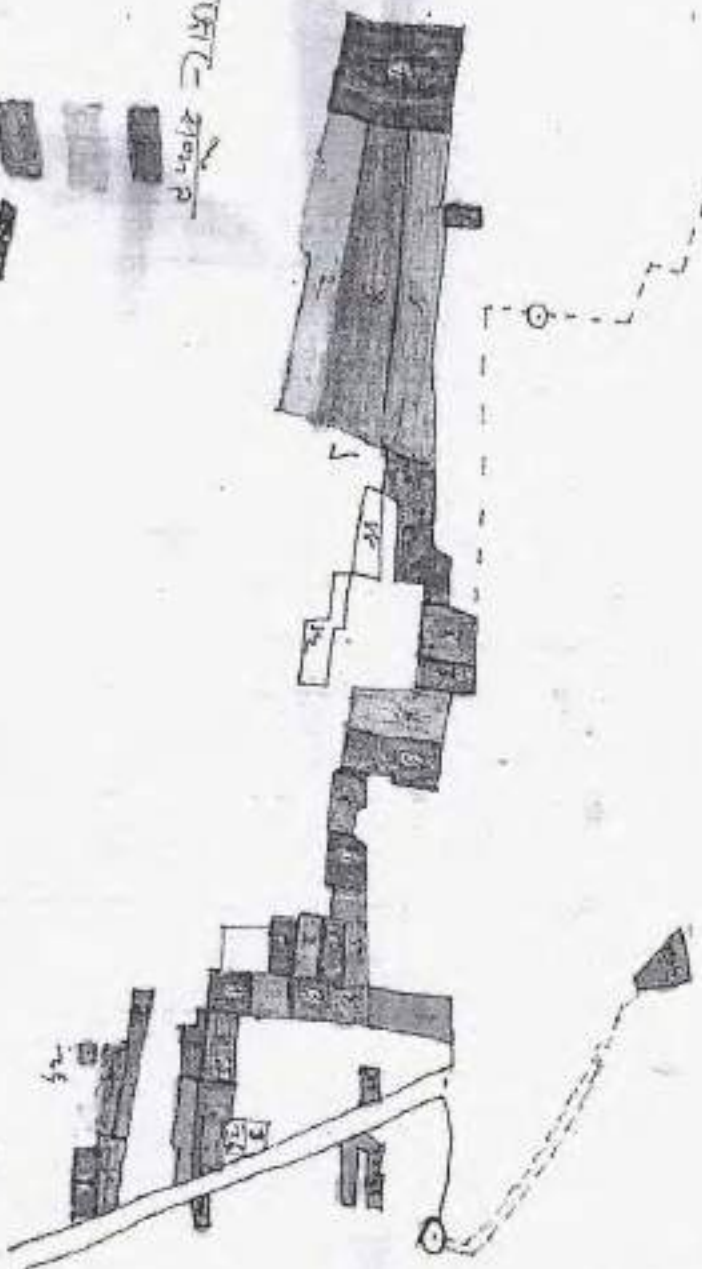
0811/2924039

1



~~2.5.2018~~

Handwritten signature



For Broadway Links Private Limited

Dr. Ashish K. Sharma
PhD-Geology
Assistant ROP Dept. of Mines & Geology
and ROP List, SI No.-9



प्रतिनिधि के लिए आवेदन की तारीख Date of application for the copy.	स्वयं और कोटिओ की जम्मेदार संख्या सुचित करने की तिथि तारीख Date fixed for settling the requisite number of stamps and folios.	वैधता प्राप्त और कोटिओ देने की तारीख Date of delivery of the requisite stamps and folios.	तारीख, जबकि देने के लिए प्रतिनिधि तैयार हो Date on which the copy was ready for delivery.	आवेदन को प्रतिनिधि देने की तारीख Date of making over the copy to the applicant.
25 20.8.98	20.8.98	25 25	27.9.98	7.9.98

ग्राम २०० वानागाठ
सकुरा वाजिद
863

रवाता	चक्र २००	रकबा
520 —	97 —	0.12 1/2
" —	62 —	0.12 1/4
" —	188 —	0.02 1/4
194 —	44 —	0.01
" —	48 —	0.01

सिद्धलाल (रा) रामजी द्वे पिता २०० सरगुना गाठ द्वे ।

ग्राम २०० वानागाठ सकुरा वाजिद 863	रवाता	चक्र २००	रकबा
	520 —	40 —	0.33
	" —	" —	0.41
	" —	" —	0.20
	" —	" —	1.43
	" —	36 —	0.16 1/2
	" —	62 —	0.16 1/4
	" —	188 —	0.02 1/4
	" —	44 —	0.01
	" —	48 —	0.01

सिद्धलाल (रा) अरविन्द द्वे पिता २०० सरगुना गाठ द्वे ।

ग्राम २०० वानागाठ सकुरा वाजिद 863	रवाता	चक्र २००	रकबा
	520 —	40 —	0.33
	" —	" —	0.41
	" —	" —	0.20
	" —	" —	1.43
	" —	" —	0.06
	" —	" —	0.10 1/2

 बिहार सरकार
 राजस्व एवं भूमि सुधार विभाग
 जमाबंदी खंडी प्रति

08/04/2024

भाग वर्तमान : 03		पृष्ठ संख्या : 804		जमाबंदी संख्या : 1148		कंप्यूटरीकृत जमाबंदी संख्या : 208121400087537	
जिला का नाम : Muzaffarpur		सब-डिवीजन का नाम : Sub-Division East		खेत का नाम : Sakra		इसका नाम : सकल खजिद	
मौजा का नाम : खजुरा खजिद		हजिदिंग संख्या : N/A		होली संख्या : 0		पाना नंबर : 863	
समझौते, पितृ/माता/पुत्र, समूह वारस, दुले, जति: N/A							
खजाना सं०	पट्टा/खेसरा सं०	एकड़	जमीनी	परिवर्तन के लिए प्राधिकार	समान	सेल	
0	0	0 ५ 0 डि 0 हे	क- अ- मिड		9	0	
कुल परिमाण		2 ५ 89.20 डि 0 हे					
अंतिम समान का विवरण							
वर्ष	प्राप्ति सं०	साल के	साल तक	समान बकाया			
1990-01-01		2012	2013	0			

उपरोक्त जमाबंदी के विरुद्ध दाखिल खारिज का विवरण	Mutation Cases Not Found !!
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उपरोक्त जमाबंदी के विरुद्ध भूमि बंधक (Land Mortgage) से सम्बंधित विवरण देखने के लिए यहाँ क्लिक करें

जमाबंदी में किये गए बदलाव का विवरण देखने के लिए यहाँ क्लिक करें

उपरोक्त जमाबंदी के विरुद्ध विभिन्न राजस्व कोर्ट में दायर मुकदमों का विवरण देखने के लिए यहाँ क्लिक करें

यह एक कंप्यूटर जनित प्रति है
 किसी भी प्रकार की असुविधा के लिए सम्बंधित अधिकारी से संपर्क करें

RQP CERTIFICATE

For Broadway Links Private Limited



Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
with Approved RQP List, SI No.-9

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

NOTIFICATION

New Delhi, the 28th March, 2020

S.O. 1224(E).—WHEREAS, vide the Mineral Laws (Amendment) Act, 2020 (2 of 2020), the Mines and Minerals (Development and Regulation) Act, 1957 (67 of 1957) (hereinafter referred to as MMDR Act) has been amended with effect from the 19th day of January, 2020 and, *inter alia*, new section 8B relating to the provisions for transfer of statutory clearances has been inserted;

AND WHEREAS, sub-section (2) of section 8B of the MMDR Act provides that notwithstanding anything contained in this Act or any other law for the time being in force, the successful bidder of mining leases expiring under the provisions of sub-sections (5) and (6) of section 8A and selected through auction as per the procedure provided under this Act and the rules made thereunder, shall be deemed to have acquired all valid rights, approvals, clearances, licences and the like vested with the previous lessee for a period of two years;

AND WHEREAS, sub-section (3) of section 8B of the MMDR Act provides that notwithstanding anything contained in any other law for the time being in force, it shall be lawful for the new lessee to continue mining operations on the land, in which mining operations were being carried out by the previous lessee, for a period of two years from the date of commencement of the new lease;

AND WHEREAS, in pursuance of the aforesaid amendment to the MMDR Act, the Central Government deems it necessary to align the relevant provisions of the notification of the Government of India in the erstwhile Ministry of Environment and Forests number S.O. 1533 (E), dated the 14th September, 2006 (hereinafter referred to as the EIA Notification, 2006);

AND WHEREAS, the Ministry of Environment, Forest and Climate Change is in the receipt of representations for waiver of requirement of prior environmental clearance for borrowing of ordinary earth for roads and manual extraction of lime shells (dead shell), shrimps, etc., within inter tidal zone by the traditional community;

Now, therefore, in exercise of the powers conferred by sub-section (1) and clause (v) of sub-section (2) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986), read with sub-rule (4) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government, after having dispensed with the requirement of notice under clause (a) of sub-rule (3) of the rule 5 of the said rules, in public interest, and in supersession of the notification number S.O. 4307(E), dated the 29th November, 2019, hereby makes the following further amendments in the EIA Notification, 2006, namely:-

In the said notification, -

- (i) in paragraph 11, after sub-paragraph (2), the following sub-paragraph shall be inserted, namely:-

"(3) The successful bidder of the mining leases, expiring under the provisions of sub-sections (5) and (6) of section 8A of the Mines and Minerals (Development and Regulation) Act, 1957 (67 of 1957) and selected through auction as per the procedure provided under that Act and the rules made thereunder, shall be deemed to have acquired valid prior environmental clearance vested with the previous lessee for a period of two years, from the date of commencement of new lease and it shall be lawful for the new lessee to continue mining operations as per the same terms and conditions of environmental clearance granted to the previous lessee on the said lease area for a period of two years from the date of commencement of new lease or till the new lessee obtains a fresh environmental clearance with the terms and conditions mentioned therein, whichever is earlier.

Provided that the successful bidder shall apply and obtain prior environmental clearance from the regulatory authority within a period of two years from the date of grant of new lease."

- (ii) in the Schedule, against the item 1(a), in the column (3), after clause (2) of the Note, the following clause shall be inserted, namely:-

"(3) The evacuation or removal and transportation of already mined out material lying within the mining leases expiring under the provisions of the Mines and Minerals (Development and Regulation) Act, 1957 (67 of 1957), by the previous lessee, after the expiry of the said lease, shall not form the part of the mining capacity so permitted to the successful bidder, selected through auction as per the procedure provided under that Act and the rules made thereunder."

- (iii) for Appendix-IX, the following Appendix shall be substituted, namely:-

"APPENDIX IX**EXEMPTION OF CERTAIN CASES FROM REQUIREMENT OF ENVIRONMENTAL CLEARANCE**

The following cases shall not require Prior Environmental Clearance, namely:-

1. Extraction of ordinary clay or sand by manual mining, by the Kumbhars (Potter) to prepare earthen pots, lamp, toys, etc. as per their customs.
2. Extraction of ordinary clay or sand by manual mining, by earthen tile makers who prepare earthen tiles.
3. Removal of sand deposits on agricultural field after flood by farmers.
4. Customary extraction of sand and ordinary earth from sources situated in Gram Panchayat for personal use or community work in village.
5. Community works, like, de-silting of village ponds or tanks, construction of village roads, ponds or bunds undertaken in Mahatma Gandhi National Rural Employment and Guarantee Schemes, other Government sponsored schemes and community efforts.
6. Extraction or sourcing or borrowing of ordinary earth for the linear projects such as roads, pipelines, etc.
7. Dredging and de-silting of dams, reservoirs, weirs, barrages, river and canals for the purpose of their maintenance, upkeep and disaster management.
8. Traditional occupational work of sand by Vanjars and Oads in Gujarat vide notification number GU/90/16/MCR-2189(68)/3-CHEE dated the 14th February, 1990 of the Government of Gujarat.
9. Manual extraction of lime shells (dead shell), shrimps, etc., within inter-tidal zone by the traditional community.
10. Digging of wells for irrigation or drinking water purpose.
11. Digging of foundation for buildings, not requiring prior environmental clearance, as the case may be.
12. Excavation of ordinary earth or clay for plugging of any breach caused in canal, nullah, drain, water body, etc., to deal with any disaster or flood like situation upon orders of the District Collector or District Magistrate or any other Competent Authority.
13. Activities declared by the State Government under legislations or rules as non-mining activity."

[F. No. Z-11013/47/2018-IA.II (M)]

GEETA MENON, Jr. Secy.

Note: The principal notification was published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii) vide number S.O. 1533 (E), dated the 14th September, 2006 and subsequently amended vide the following numbers:-

1. S.O. 1949 (E), dated the 13th November, 2006;
2. S.O. 1737 (E), dated the 11th October, 2007;
3. S.O. 3067 (E), dated the 1st December, 2009;
4. S.O. 695 (E), dated the 4th April, 2011;
5. S.O. 156 (E), dated the 25th January, 2012;
6. S.O. 2896 (E), dated the 13th December, 2012;
7. S.O. 674 (E), dated the 13th March, 2013;
8. S.O. 2204 (E), dated the 19th July, 2013;
9. S.O. 2555 (E), dated the 21st August, 2013;
10. S.O. 3559 (E), dated the 22nd August, 2013;
11. S.O. 2731 (E), dated the 9th September, 2013;
12. S.O. 562 (E), dated the 26th February, 2014;
13. S.O. 637 (E), dated the 26th February, 2014;

14. S.O. 1599 (E), dated the 25th June, 2014;
15. S.O. 2601 (E), dated the 7th October, 2014;
16. S.O. 2600 (E), dated the 9th October, 2014;
17. S.O. 3252 (E), dated the 22nd December, 2014;
18. S.O. 382 (E), dated the 3rd February, 2015;
19. S.O. 811 (E), dated the 23rd March, 2015;
20. S.O. 996 (E), dated the 10th April, 2015;
21. S.O. 1142 (E), dated the 17th April, 2015;
22. S.O. 1141 (E), dated the 29th April, 2015;
23. S.O. 1834 (E), dated the 6th July, 2015;
24. S.O. 2571 (E), dated the 31st August, 2015;
25. S.O. 2572 (E), dated the 14th September, 2015;
26. S.O. 141 (E), dated the 15th January, 2016;
27. S.O. 648 (E), dated the 3rd March, 2016;
28. S.O. 2269(E), dated the 1st July, 2016;
29. S.O. 2944(E), dated the 14th September, 2016;
30. S.O. 3518 (E), dated 25th November 2016;
31. S.O. 3999 (E), dated the 9th December, 2016;
32. S.O. 4241(E), dated the 30th December, 2016;
33. S.O. 3611(E), dated the 25th July, 2018;
34. S.O. 3977 (E), dated the 14th August, 2018;
35. S.O. 5733 (E), dated the 14th November, 2018;
36. S.O. 5736 (E), dated the 15th November, 2018;
37. S.O. 5845(E), dated the 26th November, 2018;
38. S.O. 343(E), dated the 17th January, 2019;
39. S.O. 1960(E), dated the 13th June, 2019;
40. S.O. 236(E), dated the 16th January, 2020;
41. S.O. 751(E), dated the 17th February, 2020; and
42. S.O. 1223(E), dated the 27th March, 2020.

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 activity 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 borrow pits. 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.

Page 1 of 3

(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(P)
4. PPS to ADG(WL)
5. PPS to JS(A)
6. PPS to IG(FC)
7. Website, MoEF
8. Guard File

Page 3 of 3

For Broadway Lr...



Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
No. 9

बिहार राज्यांतर्गत लघु खनिजों के खनन योजना तैयार करने हेतु एजेंसी 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 राज्यांतर्गत 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 कड़िका-14 में उल्लेखित प्रतिष्ठान भूमि इन्वायरटेक प्रा0 लि0 को योग्यता संबंधी प्रमाण पत्र नहीं संलग्न करने के कारण तथा कड़िका-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	Qualification	Rate for preparation of Mining Plan (per Ha)	Rate of Bid	Address
1	Dr. Rishi Nand Singh	9439253322 9340280322	M.Sc. Geology	Rs. 15,000/- (including of Tax & GST)		Dr. R.N. Singh, 7HF-6-25, Sector 7, Block B, Flat 30, HSG Flat, Bahadurpur Housing Colony, Patna - 800026
2	Shree Teel Houri	7903157774	M.Sc. Geology	Rate \$60 attached	Rs. 10,000/- each Ha. Rs. 8,000/- for each subsequent additional Ha. (above rates are inclusive of 18% GST)	112 C, Anchar, Road No. 5 A, Pailauna Colony, Patna - 800013
3	Dr. Anand Kumar Singh	9431100336	M.Sc. Geology	Rs. 20,000/- GST will be charged as per Government rules		S/O-Udho Singh, C/O-Siddhant Kumar Singh, A-10, Model District-Swara, Bihar-841245
4	Rajesh Kumar	9008852447	B.E. (Mining Engineer)	Rate \$16 attached	Minimum INR 25,000/- per mining plan upto 3 Hectares. For more than 3 Hectares the rate shall be increase @ INR 30,000/- per Hectare.	Plot No. 87 Rajwade Building, Sihar More, Near Mahua Petrol Pump, Manager, Gaya-823003
5	Dr. Abdul Rahman	7800627271	Ph.D in Geology	Rs. 5,000/- (inclusive of Taxes)		B-75, P.C. Colony, Jankibagh, Patna - 800009
6	Purvi Lata Mahto	9911537948 9709025622	M.Sc. (Geology)	Rs. 11,800/-	Rate per Hectare @ 10,000/- + GST @ 18% (Rs. 1800) = Rs. 11,800/-	House No. 121, Jagdish Ashwari, Kishor, Sakinagar, Ghagwalpur - 840005
7	Sanjay Kumar	942102886	M.Sc. (Geology)	Rs. 25,000/-	Negotiable	Vasta-Saria Colony, Jankibagh, Near St. Xavier's School, Gola Road, Bhagalpur, Patna
8	Dr. Ravin Kumar Sinha	799979515	B.T. (Mining)	Rs. 10,000/-		Dr. Ravin Kumar Sinha, A-112, Sanjay Ganesh Nagar, Kailashpur, Road No.-B, Patna, Bihar

9	Dr. Ashish Sharma	9753385888	Ph.D(Geology)	As per approved rate of Govt. of Bihar		Block V R/o Naya Tola Line Gate, Purnea, Bihar-854101									
10	Mr. Sadkash Alam	7003550990	M.Tech (Environmental Science & Engineering)	As per approved rate of Govt. of Bihar		Plot No-01 Ground Floor, Kashi Vihar, Naya Tola Near Shiv Mandir, Line Road Patna-854101									
11	Dr. Rakesh Kumar Singh	8086279660	Ph. D. (Coal Geology) M. Sc (Geology)	As per approved rate of Govt. of Bihar		Village- Chhapra, P.O. - Deoria (Patna), District- verma, (J.D.R.), 721206									
12	Dr. Rakesh Kumar Singh	9431490008	M.Sc./Applied Geology) M.Sc. Tech (Resource Sourcing)	Rs. 15,000/-		B-8, Prachi-Kamthika Apartment, Bazar Sambar Road, P.O.- Rajendra Nagar, District- Patna, Bihar-85									
13	Aravind Lab Pvt. Ltd.	9372609424	B.Sc. Computer Science & Engineering	Rs. 11,800/-	Rate per Hectare (927,000/- + GST @18% (Rs. 4850) +Rs. 11,800/-	68, Rajwaha Nagar, Patna-850033									
14	Bhoomi Investech Pvt. Ltd.	9595773276	Required qualification not attached	Rate provided as per job	a. For 0 to 2 Ha - Rs. 20,000/- b. For above 2.0 Ha to 5.0 Ha - Rs. 38,000/- c. Above 5.0 Ha - Rs. 38,000/- *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. 180, Plot No. 529, Golchoudi, Newwood Road, Near Rail Club, Arranged Bihar-854101									
15	Sera Geomint Consultancy Pvt. Ltd.	8335819605	M. Sc (Geology)	Rs. 15,000/- (exclusive of all GST & Taxes)		611 Mandi Road, Opposite Paja Tent Service, Panchs Devanda, Ranchi-834003, Jharkhand									
16	Nikhil S. Singh	9828640649	M.Sc.Tech(Appl ed Geology)	Rs. 30,600/-	Rate per Hectare (95,000/- + GST @18% (Rs. 1620) +Rs. 30,600/-	Mahavir Sadak, Opposite Sera Vihar, South Vihar Colony, Naya Tola, Buxar-850006									
17	Empis India Pvt. Ltd.	7578625556	Required Qualification of the employees attached	Rate as per the slab provided	<table><tr><td></td><td>Per Ha. Rate (upto 5 Ha)</td><td>Per Ha. Rate (above 5 Ha)</td></tr><tr><td>Rate upto 5 Ha</td><td>Rs. 10,000/-</td><td>Rs. 30,000/-</td></tr><tr><td>Rate more than 5 Ha</td><td>NA</td><td>Rs. 5,000/-</td></tr></table> * Rate is inclusive of GST and other applicable Taxes		Per Ha. Rate (upto 5 Ha)	Per Ha. Rate (above 5 Ha)	Rate upto 5 Ha	Rs. 10,000/-	Rs. 30,000/-	Rate more than 5 Ha	NA	Rs. 5,000/-	C/O Kapilendra Patra, Shikarpur Road-2, Buxar, Patna - 800014
	Per Ha. Rate (upto 5 Ha)	Per Ha. Rate (above 5 Ha)													
Rate upto 5 Ha	Rs. 10,000/-	Rs. 30,000/-													
Rate more than 5 Ha	NA	Rs. 5,000/-													
18	Ravi Shankar	7083890640	B.E. (Mining)	Rate as per the slab provided	(a) Rs. 30,000/- per mining plan upto 5 Ha (b) For above 5 Ha area rate will be charged 6000/- per Ha additionally extra and above 5 Ha upto 25 Ha (c) Rs. 2,00,000/- per mining plan for area of 25 Ha and will be charged additionally Rs. 2000/- per Ha extra and above 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 50 Ha upto 90 Ha.	Village- Nagin, P.O.- Deoria, P.S.- Gola, Dist.- Arranged (Bihar)- 824116									
19	IMOU Mining & Environment al Consultancy	7592949027	B.E.(Mining)	Rs. 1,000/- per Hectare (Each Block Mining Plan - Rs. 30,000/-)		Inner Mining And Environmental Consultancy, 201, 2nd Floor, Mangal Market, Raja Bazar, Bally Road, Patna-85									

30	Arushi Karmar Disha	7542940027	R.E (Mining)	Rs. 2,000/- per Hectare (Each Block Mining Plan - Rs. 50,000/-)	305, 2nd Floor, Mangal Market, Raju Nagar, Bailey Road, Patna-14
31	Mt. Tansol World Greenery Mining & Enrichment Pvt. Ltd.	9534027112	M.Sc. (Geology)	Rs. 5,000/- (Including GST)	Greenery Mining & Enrichment Pvt Ltd, 305 Mangal Market, Raju Road, Bailey Road, Patna-800014
32	Prabhat Karmar Swastika	8827477206	B.TD (Mining)	Rs. 3,000/-	Flat No-101, Road No-01, Boudh Nagar, Chakritya Tani, Postal Park, Patna-800001
33	Asish Karmar Singh	8799255004	Mining Engineer	Rs. 4,000/-	C/O Shri Ram Prasad Singh, Mohalla - Mangal Market, P.O. - Schwana, Dist - Nalanda, Bihar- 800118
34	Sandeep Karmar	8126050130	M.Sc. (Applied Geology)	Rs. 30,000/-	Angana Bhawan, C/O Ravi Kumar, Sundar Nagar, Lohia Park, Jagdeo Park, Patna-800014 (Bihar)
35	United Exploration India Pvt. Ltd.	9431108062 9994304885	Required Qualification of the employees attached	Rs. 5,000/- (Inclusive of all Taxes)	301, 2nd Floor, 'Sudha' Rajendra Singh Complex, Anshabad, Patna-800002
36	Ran Enrich Pvt. Ltd.	9421285678	Required Qualification of the employees attached	Rs. 5,000/- (Inclusive of all Taxes)	302, 2nd Floor, Mangal Market, Raju Road, Shakti Park, Patna-800014
37	Aspanso Enrich Pvt. Ltd.	9204079930	Required Qualification of the employees attached	Rs. 4,750/- (Inclusive of all Taxes)	401, 4th Floor, Mangal Market, Raju Road, Shakti Park, Patna-800014
38	M/s Baghel Environment & Waste Management Pvt. Ltd.	9431043532	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, Garu Sahay Lal Nagar, Road No. 2, Angkorana Colony, Anshabad, Patna-800015, Bihar
39	Broadway Link Sona	9934462714	Qualifications of candidates are attached	Rs. 3,000/-	Note - 1. Minimum rate for a Sand Block - INR 25,000/- 2. Maximum rate for a Sand Block - INR 50,000/- OR As decided by the Department of Mines & Geology, Govt. of Bihar Remarks - Fee should not be less than 20,000 or more than 50,000 depending on single block. (Including GST) OR As decided by the Department of Mines & Geology, Govt. of Bihar
40	Prasanna Environment & Management Pvt. Ltd.	9788233334	Qualifications of candidates are attached	Rs. 10,000/- (Including GST @18%)	353, Shagunil Apartment, Road No.-50, Anand Vihar Colony, Buxar, Bihar-800034
41	Institute of Environment and Geo Development	7094600817	Details Of Qualification Attached	Rs. 40,000/- (Including GST)	Admin. Office - Ground floor, Shyam Nagar Colony, Manjara Park, Bailey Road, P.O.-V. College, Patna-800014
42	Dev Development and Assistance Systems (India) Pvt. Ltd.	9234087470 9335931191	Details Of Qualification Attached	Rs. 2,700/- (Inclusive of all Taxes)	Prabha Niketan, Road No.-53, Patel Nagar, Near Patel Park, Patna-800029

23	Inchline Pvt. Ltd.	9543040219	Bachelor of Engineering (Mining)	Rate for each Diploma is enclosed	Enclosure A	H.No-21, First Floor, 1st Colony, D.E. Nagar, Patna-800021
24	M/S Sanyal Infra	7256060068	Bachelor of Architecture	Rs. 1,500/-		South of Madhuban Housing complex, Model 1 Park, Kankarbagh-800022
25	Seethi Planners Pvt. Ltd.	9835677778	Details of qualification attached	Rs. 12,000/-		C/O Mr. Ash Kumar, Plot No. 1-371, Road No. 25 Near Muly Nigam, 1st Krishna Nagar, Patna-800001
26	Overseas Min-Tech Consultants	9403221044	Details of qualification attached	Rs. 15,000/-		501, 5th Floor, Axis Tower, Tonk Road, Jodhpur-342005, Tel: 0146-2744523

3. प्राप्त सभी EOI की समीक्षा के उपरान्त विभागीय समिति द्वारा सर्वसम्मति से खनन योजना हेतु देय शक्ति प्रति खनन योजना अधिकतम ₹30,000/- (तीस हजार) रु 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 आमंत्रण में शामिल वैसे प्रतिष्ठान, जो वांछित योग्यता को पूरा करते हो तथा जिनका वर्तमान में पटना या बिहार राज्यान्तर्गत अन्य जिलों में कार्यालय संचालित है ऐसे प्रतिष्ठान को तत्काल प्रभाव से empanelled करने की अनुशंसा की जाती है।

शेष अन्य एजेंसी/व्यक्ति अगर भविष्य में बिहार राज्यान्तर्गत कार्यालय खोलने संबंधी साक्ष्य/दस्तावेज प्रस्तुत करते 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 करना आवश्यक होगा।

ह/— सहायक निदेशक, सचिव
ह/— सहायक निदेशक (मुद्र), सचिव
ह/— अवर सचिव, सचिव
ह/— उप निदेशक, पटना अंचल, पटना सचिव
ह/— उप निदेशक (मुद्र), सचिव
ह/— अवर सचिव-सहायक निदेशक, अंचल

ह/—
सरकार के अवर सचिव

ज्ञापक:—/एम०, दिनांक—

प्रतिलिपि—सभी समाहर्ता को सूचनार्थ एवं आवश्यक कार्यवाई हेतु प्रेषित।

ह/—
सरकार के अवर सचिव

ज्ञापक:—/एम०, दिनांक—

प्रतिलिपि—सभी उप निदेशक/सभी सहायक निदेशक/सभी खनिज विकास पदाधिकारी/सभी खान निरीक्षक को सूचनार्थ एवं आवश्यक कार्यवाई हेतु प्रेषित।

ह/—
सरकार के अवर सचिव

P.T.O.

आपका- 3825 / एम० दिनांक- 07/11/19

प्रतिलिपि- माननीय मंत्री के आप्त सचिव/प्रधान सचिव के प्रधान आप्त सचिव/निदेशक
कोषांग/उप निदेशक (मु०)/सहायक निदेशक (मु०)/खनिज विकास
पदाधिकारी (मु०) को सूचनाार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

सचिव
9/11/19

सचिव
सरकार के अवर सचिव

PLATES



Road Map of Muzaffarpur

Click here for Customized Maps →



LOCATION MAP

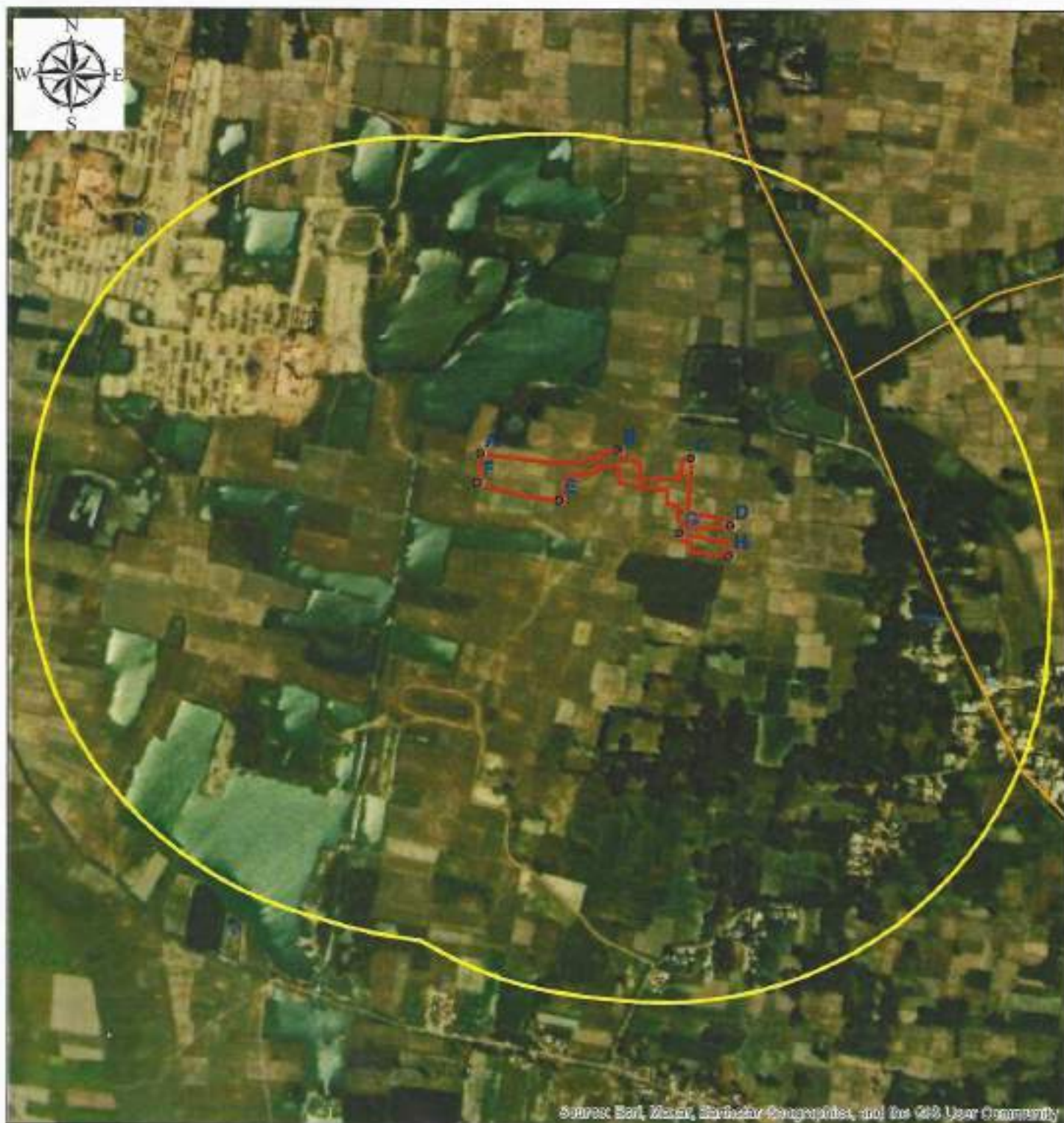
M/s Broadway Links Pvt. Ltd.	
NAME OF PROJECT - PROPOSED SOIL MINING FOR SOIL FILLING (Sakra Wazid Borrow Area)	RQP
Khata No- 520	
Khasra No- 40, 36, 62, 188, 44, 48	
Area- 2.74 Acre or 1.108 Ha	
VILLAGE- Sakra Wazid, ANCHAL -Sakra, DISTRICT- Muzaffarpur, Bihar	
APPLICANT - Mr. Sanjay Kumar Singh, Sri Krishna Nagar,	Dr. ASHISH SHARMA RQP

For Broadway Links Private Limited

(Signature)

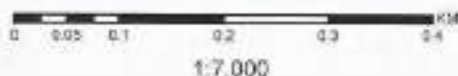
Director

Dr. Ashish Sharma
Phd-Geology
of Mines & Geology



Source: Soil, Water, and Air Geographies, and the GSS User Community

HAUL ROAD MAP



Legend

- BOUNDARY PILLAR
- Kachha Road
- Ethen Road
- Rail Line
- Unmetalled Road
- Drain Bunker
- PROPOSED SITE LEASE AREA

M/s Broadway Links Pvt. Ltd.

NAME OF PROJECT - PROPOSED SOIL MINING FOR SOIL FILLING (Sakra Wazid Borrow Area)

Khata No- 520

Khasra No- 40, 36, 62, 188, 44, 48

Area- 2.74 Acre or 1.108 Ha

VILLAGE- Sakra Wazid, ANCHAL -Sakra, DISTRICT- Muzzafarpur, Bihar

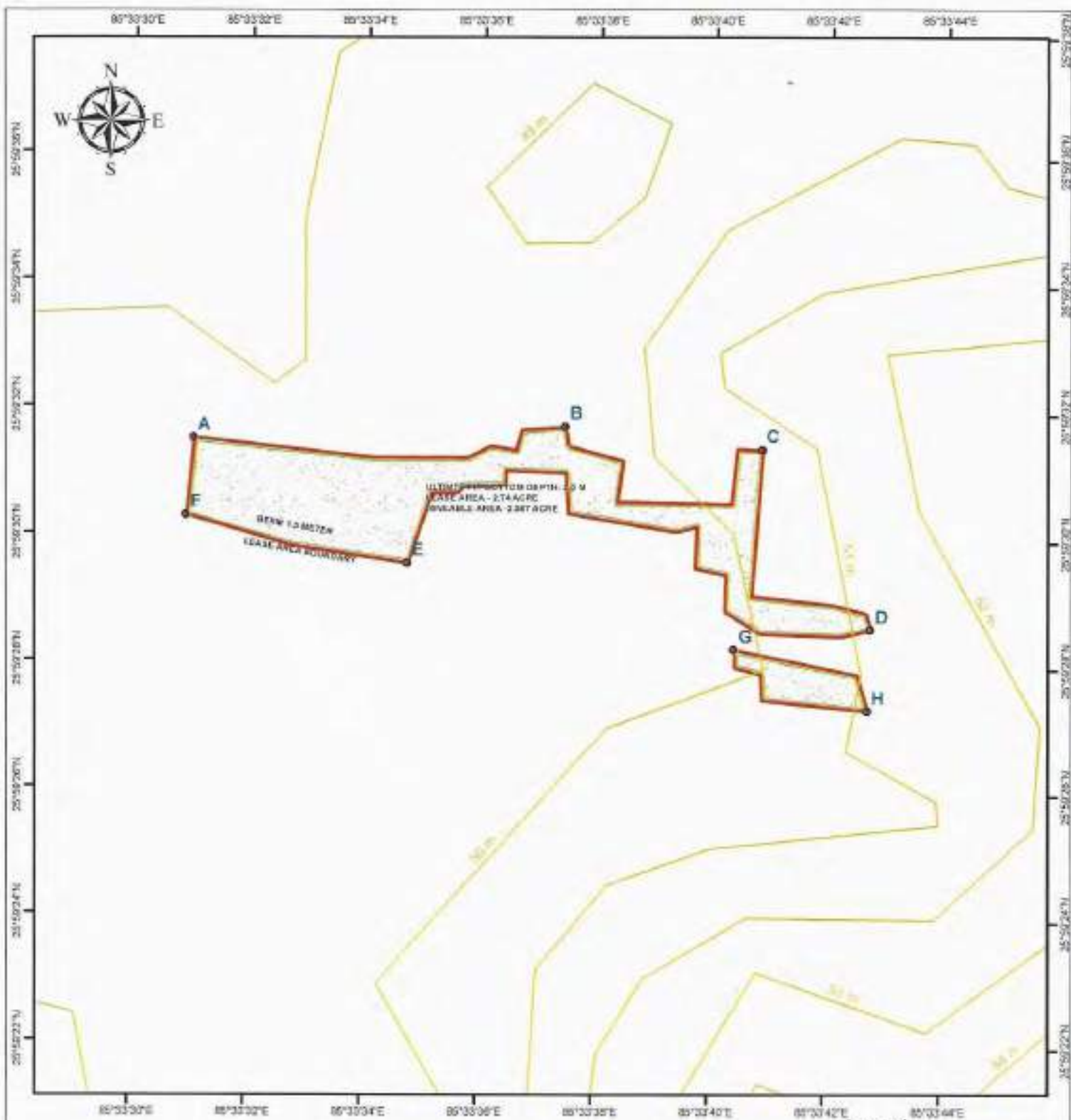
APPLICANT - Mr.Sanjay Kumar Singh, Sri Krishna Nagar,

RQP

PILLAR COORDINATES

Pillar No	Latitude	Longitude
A	N25° 59' 31.508"	E85° 33' 31.210"
B	N25° 59' 31.744"	E85° 33' 37.613"
C	N25° 59' 31.415"	E85° 33' 41.020"
	N25° 59' 28.598"	E85° 33' 42.918"
	N25° 59' 29.573"	E85° 33' 34.914"
	N25° 59' 30.296"	E85° 33' 31.086"

Dr. Ashish Sharma
Dr. ASHISH SHARMA
PhD Geology
RQP



SURFACE PLAN MAP



M/s Broadway Links Pvt. Ltd.

NAME OF PROJECT - PROPOSED SOIL MINING FOR SOIL FILLING (Sakra Wazid Borrow Area)

Khata No- 520

Khasra No- 40, 36, 62, 188, 44, 48

Area- 2.74 Acre or 1.108 Ha

VILLAGE- Sakra Wazid, ANCHAL -Sakra, DISTRICT- Muzzafarpur, Bihar

APPLICANT - Mr.Sanjay Kumar Singh, Sri Krishna Nagar,

RQP

Dr. Ashish Sharma
Dr. ASHISH SHARMA
Phd-Geology

PILLAR COORDINATES

Pillar No	Latitude	Longitude
A	N25° 59' 31.508"	E85° 33' 31.210"
B	N25° 59' 31.744"	E85° 33' 37.613"
C	N25° 59' 31.415"	E85° 33' 41.020"
	N25° 59' 28.598"	E85° 33' 42.918"
	N25° 59' 29.573"	E85° 33' 34.914"
	N25° 59' 30.296"	E85° 33' 31.086"



M/s Broadway Links Pvt. Ltd.

NAME OF PROJECT - PROPOSED SOIL MINING FOR SOIL FILLING (Sakra Wazid Borrow Area)

Khata No- 520

Khasra No- 40, 36, 62, 188, 44 ,48

Area- 2.74 Acre or 1.108 Ha

VILLAGE- Sakra Wazid, ANCHAL -Sakra, DISTRICT- Muzzafarpur, Bihar

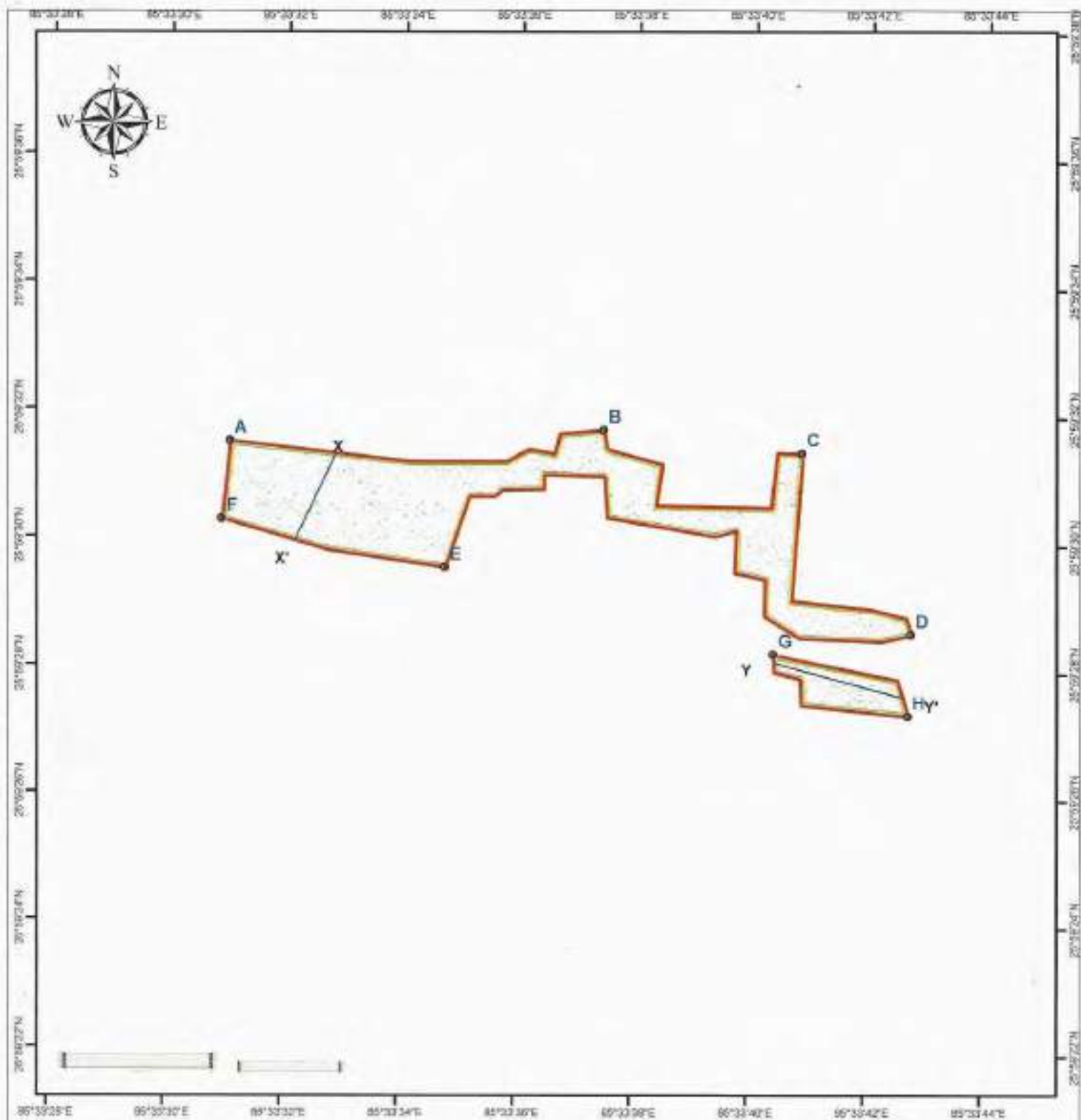
APPLICANT - Mr.Sanjay Kumar Singh, Sri Krishna Nagar,

RQP

Dr. Ashish Sharma
Phd-Geology
Approved RQP Dept. of Mines & Geology
RQP

PILLAR COORDINATES

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	N25° 59' 30.296"	E85° 33' 31.086"



SURFACE PLAN & CROSS SECTION



M/s Broadway Links Pvt. Ltd.

NAME OF PROJECT - PROPOSED SOIL MINING FOR SOIL FILLING (Sakra Wazid Borrow Area)

Khata No- 520

Khasra No- 40, 36, 62, 188, 44, 48

Area- 2.74 Acre or 1.108 Ha

VILLAGE- Sakra Wazid, ANCHAL -Sakra, DISTRICT- Muzzafarpur, Bihar

APPLICANT - Mr.Sanjay Kumar Singh, Sri Krishna Nagar,

RQP

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CADASTRAL PLAN MAP

For Broadway Links Private Limited

(Signature)

Director

Dr. Ashish Sharma
PhD-Geology

Approved RQP Dept. of Mines & Geology
Govt. of Bihar Approved RQP List, SI No. 9

M/s Broadway Links Pvt. Ltd.	
NAME OF PROJECT - PROPOSED SOIL MINING FOR SOIL FILLING (Sakra Wazid Borrow Area)	RQP
Khata No- 520	
Khasra No- 40, 36, 62, 188, 44, 48	
Area- 2.74 Acre or 1.108 Ha	
VILLAGE- Sakra Wazid, ANCHAL- Sakra, DISTRICT- Muzzafarpur, Bihar	
APPLICANT - Mr. Sanjay Kumar Singh, Sri Krishna Nagar,	Dr. ASHISH SHARMA RQP



Geological Cross Section of Proposed Soil Mining

Legend

— Pit_Bottom_limit

▨ Berm 2.0 Meter

● Soil

NAME OF PROJECT - PROPOSED SOIL MINING FOR SOIL FILLING

Kharis No-518

Kharis No-49, 50, 52, 108, 44, 48

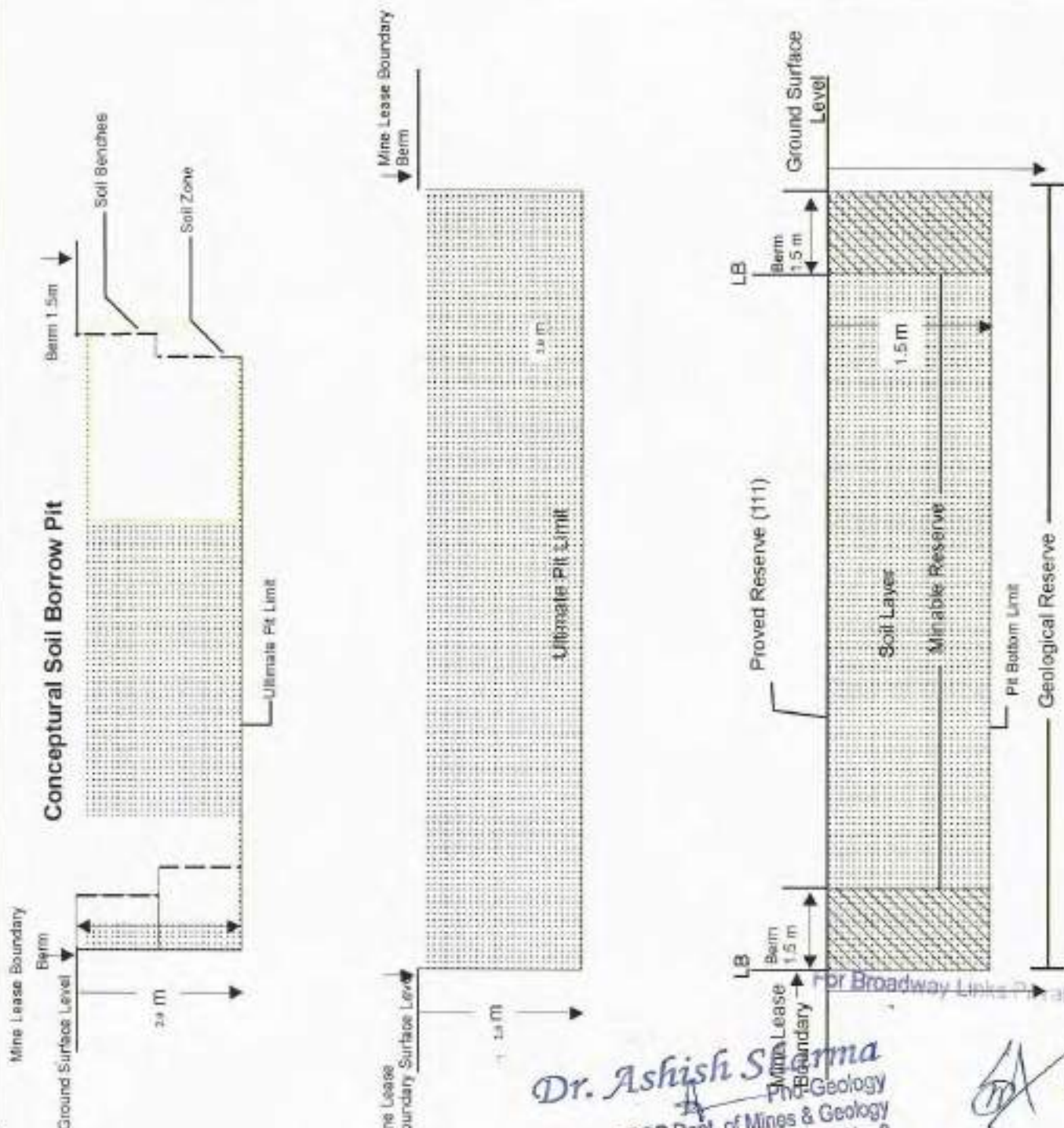
Area: 1.71 Acres at 1:100 Scale

VILLAGE: Sadra Wada, ANURBAL Sadra, DISTRICT: Medinipur, Bihar

APPLICANT - Mr. Sanjay Kumar Singh, 501 Krishna Nagar, Anand Nagar, P.O. 851001, District-Bhagalpur, Bihar

Dr. ASHISH SHARMA
RQP

Scale: Not to Scale



Dr. Ashish Sharma
Ph.D. Geology
Department of Mines & Geology

Director