



सत्यमेव जयते

## राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण, झारखण्ड

State Level Environment Impact Assessment Authority, Jharkhand

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पत्रांक:- 546

दिनांक:- 29/01/2025

प्रेषक:

सदस्य सचिव,  
राज्य स्तरीय पर्यावरण समाघात निर्धारण  
प्राधिकरण (SEIAA), झारखण्ड।

सेवा में,

उपायुक्त,  
जिला : साहेबगंज,  
झारखण्ड।

विषय : साहेबगंज जिला का पत्थर एवं मिट्टी खनिज से संबंधित DSR के अनुमोदन के संबंध में।

प्रसंग : आपका कार्यालय का पत्रांक-91/एम0, दि0-16.01.2025।

महाशय,

उपर्युक्त विषयक आपके कार्यालय के प्रासंगिक पत्र दिनांक 16.01.2025 द्वारा साहेबगंज जिला का पत्थर एवं मिट्टी खनिज से संबंधित DSR की एक प्रति अनुमोदन हेतु दिनांक 16.01.2025 को SEIAA कार्यालय में समर्पित किया गया।

तदनुसार SEAC, झारखण्ड की 120वीं बैठक दिनांक 20.01.2025 एवं दिनांक 24.01.2025 में संबंधित DSR का आकलन किया गया तथा निम्नवत बिन्दुओं पर आपकी सहमति प्राप्त करते हुए DSR अनुमोदन हेतु SEIAA को अनुशंसा भेजी गयी :

1. The final DSR had been placed in the public domain for 21 days from the 18.10.2024. As per the Sub Divisional Committee no comments / observations were obtained.
2. The DSR has been prepared as per the format provided in the notification no SO 3611 (E), dated-25.07.2018 issued by MoEF & CC Govt. of India. The DSR submitted has been **prepared** by the Sub-Divisional Committee for final approval. All the aspects of the notification dated 25.07.2018 are incorporated in the DSR and found to be satisfactory

तद्आलोक में SEIAA, झारखण्ड की 120वीं बैठक दिनांक 28.01.2025 से दिनांक 29.01.2025 में विचार किया गया तथा सामुहिक निर्णयोंपरांत साहेबगंज जिला का पत्थर एवं मिट्टी खनिज से संबंधित DSR का अनुमोदन निम्न शर्तों के साथ किया गया।

1. As per order dated 23.08.2022 in OA No. 23/2017 EZ with OA No. 776/2018 with OA No. 373/2019 of National Green Tribunal, Principal Bench, New Delhi, the carrying capacity of all existing working mine leases which falls under the Grid number 1, 3, 4 and 7 shall be mentioned strictly and production of that Grid number should kept under the permissible limit as decided by Hon'ble National Green Tribunal (NGT). No further LOI will be granted in Grid number 1, 3, 4 and 7 till the further clarification of National Green Tribunal (NGT).
2. The villages of Rajmahal Block should be strictly prohibited other than existing mining activities.

साहेबगंज जिला का पत्थर एवं मिट्टी खनिज से संबंधित अनुमोदित DSR की एक मूल प्रति अत्र- सह-संलग्न कर आपको अग्रेतर कार्रवाई हेतु भेजा जा रहा है।

अनु० यथोक्त।

विश्वासभाजन,

सदस्य सचिव,

राज्य स्तरीय पर्यावरण समाघात निर्धारण  
प्राधिकरण (SEIAA), झारखण्ड।



# DISTRICT SURVEY REPORT

OF

**MINOR MINERAL – STONE / EARTH WORK**

[OTHER THAN SAND MINING OR RIVER-BED MINING]

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**SAHIBGANJ DISTRICT OF JHARKHAND STATE**

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As per the Gazette Notification No. - S.O. - 3611 (E), 25<sup>th</sup> July 2018

by Ministry of Environment Forest & Climate Change, Govt. of India

Prepared by:

**SUB-DIVISIONAL COMMITTEE**

**SAHIBGANJ DISTRICT, JHARKHAND**





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*(Signature)*  
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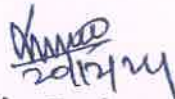
DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE) OTHER THAN SAND  
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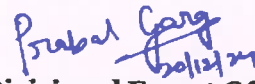


Recommended by Sub-Divisional Committee and Deputy Commissioner, Sahibganj

  
District Mining Officer  
Sahibganj

  
Assistant Director, Geology  
Sahibganj

  
Executive Engineer  
Minor irrigation, Sahibganj

  
Divisional Forest Officer  
Sahibganj

  
Deputy Commissioner  
Sahibganj

Approved by

  
Chairman  
State Level Environment Impact  
Assessment Authority, Jharkhand



  
SEIAA, Jharkhand  
Member Secretary  
State Level Environment  
Impact Assessment Authority  
Jharkhand

  
Member  
State Level Environment Impact  
Assessment Authority, Jharkhand



## PREFACE

The need for District Survey Report (DSR) have been necessitated by Ministry of Environment, Forest and Climate Change (MoEF & CC) vide their Notification No. - 125 (Extraordinary, Part II Section 3, Sub-section ii), S.O. - 141 (E), dated 15th January 2016. The notification was addressed to bring certain amendments with respect to the EIA notification 2006 and in order to have a better control over the legislation, District level committees have been introduced in the system. As a part of this notification, preparation of District Survey Report has been emphasized. Subsequently, MoEF & CC has published Notification No. - 3611 (E), dated 25th July 2018 regarding inclusion of the format of District Survey Report (DSR) for "Minor minerals other than Sand Mining or River-bed Mining". This DSR has been prepared in conformity with the Notification No. - S.O. - 141 (E), S.O. - 3611 (E) and other Sand mining guidelines published by MoEF & CC time to time as well as the requirement specified in Jharkhand Minor Mineral Concession Rules.

The main purpose of DSR is to identify the mineral potential areas to develop the mining activities along with relevant current geological data of the district where mining can be allowed; and also, to distinguish the areas where mining will not be allowed due to proximity to infrastructural structures and installations. The District Survey Report shall guide for systematic and scientific utilization of natural resources, so that present and future generation may be benefitted at large.


The district of Sahibganj lies approximately between 24°42' North and 25°21' North latitude and between 87°25' and 87°54' east longitude. Sahibganj is the administrative headquarter of the district and situated on the bank of the river Ganges at 25°15' north latitude and 87°38' East longitude. The geographical area of the district is 1599.00 sq. km.

The Sahibganj District is surrounded by following districts of Jharkhand Bihar and West Bengal:

- North: River Ganges and district of Katihar (Bihar)
- East: Maldah and Murshidabad (West Bengal)
- South: Godda (Jharkhand)
- West: Bhagalpur and Godda districts. (Jharkhand and Bihar)

A large part of the district is hilly. The vast tract of land enclosed between hill ranges had been assigned a name- Damin-I-koh, which is a Persian word means Skirts of the hills. The region on the bank of the Ganges is fertile and richly cultivated. The district may be divided into two natural divisions on the basis of its geographical location and cultivable land. First region consists of Borio, Mandro, Barhait, Pathna and Taljhari blocks and lies under Damin-I-koh area. The hills and slopes are covered with forests, once dense but scanty now. The valleys have cultivable lands, yielding mostly paddy. The inhabitants of this region are generally Paharias, Mal Paharias and Santhals. The inhabitants on the hill top cultivate Barbatti and maize using rain water.

The second region consists of Sahibganj, Rajmahal, Udhwa and Barharwa blocks. This plain region consists of the uplands, undulation along ridges and depressions. The Ganges, Gumani and Bansloi rivers flow through this region. This area has plenty of fertile lands and is richly cultivated. The inhabitants of this region are mainly middle-class people of different castes, Paharias and Santhals.

  
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### Location and Geographical Area

Sahibganj district is one of the twenty-four districts of Jharkhand state, India, and Sahibganj is the administrative headquarters of this district. The district is located in the north eastern most tip of Jharkhand State. Sahibganj district is bounded by the river Ganges and Katihar district of Bihar in the north on the south Pakur district of Jharkhand, on the east by Maldah and Murshidabad district of West Bengal and on the west by Godda district. The district is situated roughly between 25° 50' 00" North and 24° 42' 52" North latitude and 87° 27' 35" East and 87° 53' 56" East longitude, having an area of 1599 km<sup>2</sup>. The district covers Survey of India toposheets nos. 72 O/ 7, 72 O/ 8, 72 O/ 11, 72 O/ 12, 72 O/ 16, 72 P/5, 72 P/ 9, 72 P/10, 72 P/13 and 72 P/14. The district has a total population of 1,150,567 with a population density of 558/km<sup>2</sup> having sex ratio of 952 (Census 2011).

### Administrative Units:-

The district is divided into two subdivisions: Sahibganj subdivision and Rajmahal subdivision. It is further subdivided into nine Community development blocks: (Sahibganj subdivision) Sahibganj, Mandro, Borio, Barhait; (Rajmahal subdivision) Taljhari, Rajmahal, Udhwa, Pathna and Barharwa. The district has 6 Census Towns and 1,813 Villages (Inhabited-1,349 & Uninhabited-464). Moti Jharna Waterfall, Shivgadi Temple, Udhwa Bird Sanctuary and National Fossil Park are some of the important historical monuments of Sahibganj district.

### Connectivity facilities in Sahibganj District:-

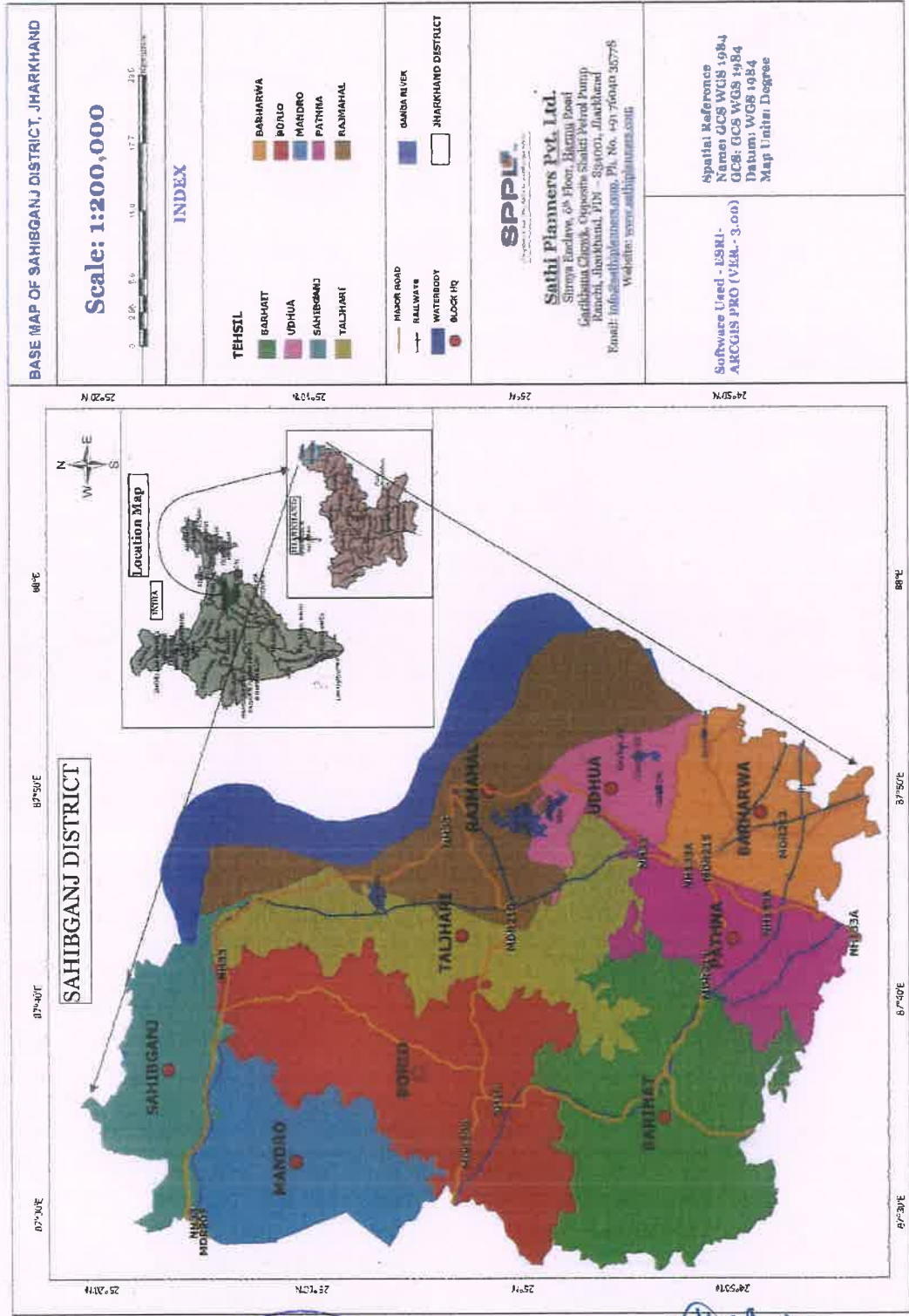
The area is approachable by train from Bhagalpur (Bihar) and Dhanbad (Jharkhand) via West Bengal by north-south running Howrah-Bhagalpur loop of Eastern Railway. The district can be approached from all sides by a network of metaled road. The National Highway 33 passes through the district. Nearest airport is Deoghar Airport (Jharkhand), approximately at a distance of 130 km.

(Source – Sahibganj.nic.in)

  
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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND**



BASE MAP OF SAHIBGANJ DISTRICT, JHARKHAND

Scale: 1:200,000



**INDEX**

<b>TEHSIL</b>	<b>BARHAT</b>	<b>BARHARWA</b>
<b>MANDRO</b>	<b>BOHIG</b>	<b>BOHIG</b>
<b>SAHIBGANJ</b>	<b>MANDRO</b>	<b>MANDRO</b>
<b>TALJHARI</b>	<b>PATNA</b>	<b>PATNA</b>
	<b>RAJMAHAL</b>	<b>RAJMAHAL</b>
<b>MAJOR ROAD</b>	<b>GARDA RIVER</b>	<b>JHARKHAND DISTRICT</b>
<b>RAILWAY</b>		
<b>WATERBODY</b>		
<b>MCCQ HQ</b>		

**SPPL**  
**Sathi Planners Pvt. Ltd.**  
 Shreeya Enclave, 6<sup>th</sup> Floor, Biju Patil  
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 Email: info@sathiplanners.com, Ph. No. +91 76640 36778  
 Website: www.sathiplanners.com

**Software Used - ESRI - ARCGIS PRO (VER.- 3.00)**

**Spatial Reference**  
 Name: GCS WGS 1984  
 GCS: GCS WGS 1984  
 Datum: WGS 1984  
 Map Units: Degree



*(Signature)*  
 जिला स्तरीय पर्यावरण प्रभाव आकलन प्राधिकरण  
 राँची

Base Map of Sahibganj District.





## 1. INTRODUCTION

The District Survey Report of Sahibganj District has been prepared as per the guidelines of Ministry of Environment, Forest & Climate Change (MoEF & CC), Government of India vide Notification S.O. - 1533(E) dated 14th Sept. 2006 and subsequent MoEF & CC Notification S.O. - 141(E) dated 15th Jan. 2016. This report shall guide systematic and scientific utilization of natural resources, so that present and future generation may be benefitted at large. Further, MoEF & CC published a Notification S.O. - 3611(E), dated 25th July, 2018 and recommended the format for District Survey Report for Minor minerals other than Sand Mining or River-bed Mining.

The Objectives of the District Survey Report are as following:

1. Identification and Quantification of mineral resource and its optimal utilization.
2. To regulate the Minor mineral's mining in the District, identification of site specific end-use consumers and reduction in demand & supply gaps.
3. Use of information technology (IT) & latest scientific method of mining for surveillance of the Minor mineral's mining at each step.
4. District Survey Report shall enable Environmental Clearance for cluster of Minor mineral. It shall assist concerned Department during post Environmental Clearance Monitoring.
5. To control the instance of illegal mining.
6. To maintain the livelihood of nearby village's peoples.
7. To keep accumulated data records viz. Details of Mineral Resource, Potential area, Lease, Approved Mining Plan, Co-ordinates of a District at one place.
8. To maintain the records of Royalty/Revenue generation.
9. A concise guideline can be framed considering the point discussed in the DSR for Minor mineral's mining in the district.

The District Survey report (DSR) is comprised of secondary data published and endorsed by various Departments and websites about Geology of the area, Mineral resources, Climate, Topography, Landforms, Forest, Rivers, Soil, Agriculture, Road, Transportation, Irrigation etc. Data on lease and mining activities in the district, revenue etc. are collected from concerned District Mining Office.

- 1) **Bentonite:** Bentonite is a clay consisting mainly of smectite minerals, commonly formed by decomposition of volcanic ash or tuff, or sometimes from other igneous or sedimentary rocks. Bentonite is a very plastic clay that shrinks (or swells) markedly in response to the removal (or addition) of water.  
**Uses:** drilling mud and as a binder, purifier, absorbent, and carrier for fertilizers or pesticides
- 2) **Ordinary Earth:** Ordinary Earth are a type of building material, Roads and other filling. They are generally used to construct walls, pavements and other types of architecture.
- 3) **China Clay:-** China Clay, scientifically known as kaolin, is a soft, white clay mineral that originates from the decomposition of feldspar.
- 4) **Soil:** The soils occurring in different landforms have been characterised during soil resource mapping of the state on 1:250,000 scale (Haldar et al. 1996).
- 5) **Stone mainly as Basalt:** Basalt is a type of extrusive igneous rock that gets its dark color from the composition of its minerals. Some minerals in basalt rocks include plagioclase feldspar, olivine, pyroxene, and more. Basalt rocks are characterized as mafic from their mineral composition, as they are rich in iron and magnesium.



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### 1.1 Statutory Framework:

The below table has mentioned the requirement of District Survey Report and its year wise modification;

Table 1.1: Requirement of District Survey Report & its year wise modification

Year	Particulars
1994	The Ministry of Environment, Forest & Climate Change (MoEF & CC) published Environmental Impact Assessment Notification 1994 which is only applicable for the Major minerals having mining lease area more than 5 Ha.
2006	In order to cover the Minor minerals also into the preview of EIA, the MoEF & CC issued EIA Notification S.O. - 1533 (E), dated 14 <sup>th</sup> September 2006, made mandatory to obtain Environmental Clearance for both Major & Minor mineral having mining lease area more than 5 Ha.
2012	Further, Hon'ble Supreme Court wide order dated 27 <sup>th</sup> February 2012 in I.A. No. - 12-13 of 2011 in Special Leave Petition (C) No. - 19628-19629 of 2009, in the matter of Deepak Kumar etc. Vs. State of Haryana and Others etc., ordered that "leases of Minor minerals including their renewal for an area of less than five hectares be granted by the States/Union Territories only after getting environmental clearance from MoEF & CC"; and Hon'ble National Green Tribunal, order dated 13 <sup>th</sup> January, 2015 in the matter regarding Sand mining has directed for making a policy on Environmental Clearance for mining leases in cluster for Minor minerals.
2016	The MoEF & CC in compliance of above Hon'ble Supreme Court's and NGT's order has prepared "Sustainable Sand Mining Guidelines (SSMG), 2016" in consultation with State Governments, detailing the provisions on Environmental Clearance (EC) for cluster, creation of District Environment Impact Assessment Authority, preparation of District Survey Report and for proper monitoring of Minor minerals thereby issued notification dated 15.01.2016 for making certain amendments in the EIA Notification, 2006, and made mandatory to obtain EC for all Minor minerals. Provisions have been made for the preparation of District Survey Report (DSR) of River-bed material and other Minor minerals.
2018	MoEF & CC published a Notification S.O. - 3611(E) Dated 25 <sup>th</sup> July 2018 and recommended the format for District Survey Report for Minor minerals other than Sand mining or River-bed mining. The notification stated about the objective of DSR, i.e. "identification of the mineral potential areas to develop the mining activities along with relevant current geological data of the District where mining can be allowed; and also to distinguish the areas where mining will not be allowed due to proximity to infrastructural structures and installations."

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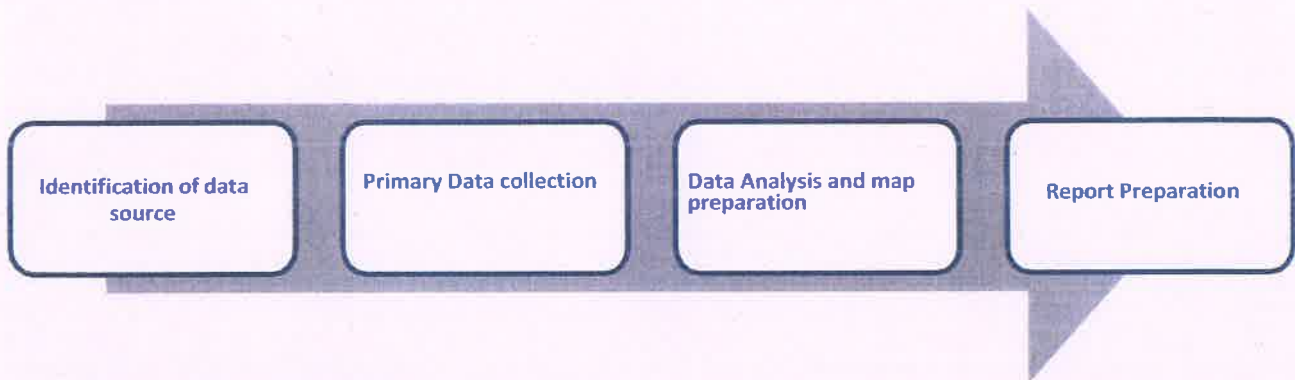
The Ministry of Environment Forest & Climate Change formulated the format of District Survey Report for Minor minerals other than Sand Mining or River-bed Mining which focuses on the management of Minor mineral's mining in the country. But in the recent past, it has been observed that apart from management and systematic mining practices there is an urgent need to have a guideline for effective enforcement of regulatory provision and their monitoring. Section 23 C of MMDR 1957 empowered the State Government to make rules for preventing illegal mining, transportation and storage of minerals but in the recent past, it has been observed that there was large



number of illegal mining cases in the Country and in some cases, many of the officers lost their lives while executing their duties for curbing illegal mining incidence. The illegal and uncontrolled illegal mining leads to loss of revenue to the State and degradation of the environment.

## 1.2 Methodology of DSR Preparation:

The data related to district profile, geology, mineralization, mining activity are sketchy and disjointed. There are multiple data sources, which are in the public domain, as well as in Government website. To prepare District Survey Report, need to collate all the available databases on these regards. A comprehensive and a meaningful interpretable database created, which would be necessary to demonstrate the district overview. Workflow for the DSR job is as follows.



### Data source Identification:

District Survey Report has been prepared based on the primary data base collected from different sources. The data sources which are used in DSR are mostly based on Government published data or the published report in reputed journal. District profile has been prepared based on the District Census 2021. Potential mineral resources have been described based on GSI or any other Govt. agencies work done. Mining lease details and the revenue generated from Minor minerals has been prepared based on available data from District Mining Office of the district. Satellite image has been used for map preparation related to physiography and land utilization pattern of the district.

### Primary Data Collection:

The field data collection is an integral part of DSR preparation. This report has been prepared with the holistic approach and data provided by District Mining Office. The DSR with all updated data has been prepared.

### Data Analysis and Map preparation:

Dataset which are captured during the report preparation, are gone through detail analysis work. District Survey Report involves the analytical implication of captured dataset to prepare relevant maps. Methodology adopted for preparation of relevant maps is explained below.

### Land Use and Land Cover Map:

Land Use and Land Cover classification is a complex process and requires consideration of many factors. The major steps of image classification may include determination of a suitable classification system via Visual Image Interpretation, selection of training samples, Satellite image (False Color Composition) pre-processing, selection of suitable classification approaches, post-classification processing, and accuracy assessment.





Here LISS-III Satellite Imagery has been taken for Supervised Classification as supervised classification can be much more accurate than unsupervised classification, but depends heavily on the training sites, the skill of the individual processing the image, and the spectral distinctness of the classes in broader scale.

According to the Visual Image Interpretation (Tone, Texture, Colour etc.) training set of the pixel has been taken.

<p><b>Agricultural Land</b> - Based on their Geometrical shape, Red and Pink color tone, Agricultural Land has been identified.</p>	<p><b>Vegetation Covered Area</b> - Based on their continuous Red color tone, Vegetation Covered Area has been identified.</p>



Table 1.2: Pictorial Descriptions of Physiographic Classification

  
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Geomorphological Map:

<p><b>Agricultural Fallow Land</b> - Based on their Geometrical shape, Light and dark Cyan with light Pink color tone, Agricultural Fallow Land has been identified.</p>	<p><b>Bad Land Topography</b> - Light Yellowish mixed with Cyan color has been identified as Bad Land Topography.</p>
	
<p><b>Settlement</b> - Area with Cyan color including geometrical shape has been recognized as Settlement Area.</p>	<p><b>Water Bodies</b> - Dark Blue color has been classified as Water Bodies.</p>

The major steps of preparing Geomorphological Map is identifying features like – Alluvial Fan, Alluvial Plain, Hilly region etc. from Satellite imagery (FCC - False Color Composition) via Visual Image Interpretation and then digitization has been taken into the consideration to prepare map including all the Geomorphological features according to their location.

Physiographical Map:

The major step of preparing Physiographical Map is generating contour at a specific interval to show the elevation of the area using CARTOSAT DEM.

Block Map:

- Raw Data collected from **National Informatics Centre (NIC Website)** during March 2022 and October 2022.
- Data has been geo-referenced using GIS software.
- Digitization of Block boundary, District Boundary, State Boundary, International Boundary, and District Headquarter, sub–district Headquarter, Places, Road, Railway, River, Nala etc.
- Road name; River name, Railway name has been filled in attribute table of the Layers.
- Final layout has been prepared by giving scale, legend, north arrow, etc.

Transportation Map:

- Raw Data collected from National Informatics Centre (NIC Website) during March 2022 and October 2022.
- Data has been geo-referenced using GIS software.
- Digitization of Block boundary, District Boundary, State Boundary, International Boundary, and District Headquarter, sub–district Headquarter, Places, Road, Railway, River, Nala etc.
- Road name, River name, Railway name has been filled in attribute table of the Layers.
- Final layout has been prepared by giving scale, legend, north arrow, etc.

Drainage Map:

- Raw Data collected from **National Informatics Centre (NIC Website)** during March 2022 and October 2022.
- Data has been geo-referenced using GIS software.
- Block boundary, District Boundary, State Boundary, International Boundary

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Headquarter, sub-district Headquarter, Places, Road, Railway, River, Nala etc.

- Road name, River name, Railway name has been filled in attribute table of the Layers.
- Final layout has been prepared by giving scale, legend, north arrow, etc.

#### Earthquake Map:

- Raw data collected from Ministry of Earth Science.
- Data has been geo-referenced using GIS software.
- Digitization of Earthquake zone and superimposed it over Block Boundary.
- Zone name has been filled in attribute table of the Layers.
- Final layout has been prepared by giving scale, legend, north arrow, etc.

#### Soil Map:

- Raw data collected from National Bureau of Soil Survey and Land Use Planning.
- Data has been geo-referenced using GIS software.
- Digitization of Soil classification zone and superimposed it over District Boundary.
- Soil classification has been filled in attribute table of the Layers.
- Final layout has been prepared by giving scale, legend, north arrow, etc.

#### Wildlife Sanctuary and National Park Location Map:

- Raw data collected from ENVIS Centre on Wildlife & Protected Areas during August 2022.
- Data has been geo-referenced using GIS software.
- Digitization of Wildlife Sanctuary & National park and superimposed it over Block Boundary.
- Wildlife Sanctuary & National Park name has been filled in attribute table of the Layers.
- Final layout has been prepared by giving scale, legend, north arrow, etc.

#### **Report Preparation:**

District Survey Report has been prepared to fulfil the purpose of identification of mining area for Minor mineral and their impact on environment. Report provides details of the mineral potential zones. Assessing mining prospect with respect to Minor minerals, List of Letter of Intent (LoI) incorporated in this report. Report also provides the socio- environmental study for establishing mines of Minor minerals in the district.

  
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## 2. OVERVIEW OF MINING ACTIVITY IN THE DISTRICT

Mainly the following minerals are found in the district: Coal, China Clay, Bentonite, Black Stone, Sand Stone, Silica Sand, Quartz, Kaolin, Flint Stone.

There are 117 operating stone mines and more than 400 non-operating mines and 1 operative china clay, Silica sand and flint mines presently (June 2024), in the district. The Rajmahal Hills are the source of building and road stones. Most of the quarrying is done by the side of the loop line of the Eastern Railway. Kaolin is found near Mangal Hat in Rajmahal subdivision. Bentonite is also available in some places, used as "Multani Mitti" and has great scope of export to other parts of the state of Jharkhand.

Expire Stone Mines are present in Sahibganj District are 400 Mines, and these areas will never comes under renewal, all will consider as fresh LOIs.

Expire Bentonite Mines are present in Sahibganj District are 6 Mines.


Expired Stone mining leases that are present in Sahibganj District are 320.

Expire Quartz & Feldspar are present in Sahibganj District is 1 Mines.

Existing Non-Working mining leases are present in Sahibganj District are 24 Mines.

Existing Working mining leases are present in Sahibganj District are 107 Mines.

Existing Brick Earth Mines are present in Sahibganj District are 27 Mines.

  
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क्र 0	पट्टेधारी का नाम एवं पता	मौजा	प्लॉट नं०	रक वा	अवधि	अभ्युक्ति
1	में० साँ रक्षा काली स्टोन वर्क्स, प्रो० श्री युधिष्ठिर ठाकुर, पिता- श्री नरेन्द्र चंद्र ठाकुर, ग्राम+पो०- चौकीदाव, जिला साहेबगंज	मालीटोक	149/p,150,151, 153/p	3.00	01.05.07 to 10 year	Expired
2	आकाश अली, पिता- मो० हजरत अली, मु०+पो०- उधवा, थाना- राधानगर, जिला- साहेबगंज	मालीटोक	140/p,145/p, 146	2.57	29.01.06 to 10 year	Expired
3	आकाश अली, पिता- मो० हजरत अली, मु०+पो०- उधवा, थाना- राधानगर, जिला- साहेबगंज	मालीटोक	140/p,141,144, 145/p, 149	4.41	21.09.08 to 5 year	Expired
4	में० हिन्दुस्तान इन्डस्ट्रीज माईनिंग कारपोरेशन, प्रो०- श्री परवेश कुमार लखमानी, पिता- श्री पुरण कुमार लखमानी, ग्राम+पो० बाकुडी, जिला साहेबगंज।	पत्नीबोना	27,28,31,32, 33, & 26/p 39, 49, 50, 51, 166, 170, 171, 172, 174, 175, 177, 176, 178, 179, 181, 180, 182,	38.90	02.09.09 to 10 year	Expired
5	में० जीयल दास एण्ड कंपनी, प्रार्त० श्री सुभाष कुमार, पिता- श्री रामचंद्र साधवानी ग्राम+पो०- बाकुडी, जिला- साहेबगंज	पक्तुरी	43,44,.46,47, &84	2.77	11.01.08 to 10 year	Expired
6	श्री नरसिंह लग्धीर, पिता- लग्धीर ननजी, ग्राम+पो० बाकुडी, जिला साहेबगंज	पत्नीबोना	26	15.04	31.01.10 to 10 year	Expired
7	में० बिहार बेन्दोनाईट सप्लाय कंपनी, प्रो०- श्री नंदलाल भगत, पिता- स्व० रामजीवन चौधरी, ग्राम+पो० बाकुडी, जिला साहेबगंज	पत्नीबोना	5	2.59	26.10.08 to 05 year	Expired

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8	में० अंसार स्टोन वर्क्स, प्रो० श्री अबदुल रसीद, पिता- हारुण रसीद ग्राम+पो० तीनपहाड़, जिला साहेबगंज	धमधमिया	154/p	2.00	10.10.10 to 24.10.12	Expired
9	में० धमधमिया स्टोन वर्क्स, पार्ट०- मो० सरीफ, पिता- मु० खैरुल्ला मियां, ग्राम+पो० तीनपहाड़, जिला साहेबगंज	धमधमिया	117/p, 118p, 119 120/p, 136	4.95	10.12.07 to 10 year	Expired
10	में० बिहार बेन्दोनाईट सप्लाय कंपनी, प्रो० श्री नंद लाल भगत, पिता- श्री स्व० रामजीवन चौधरी, ग्राम+पो० बाकुडी, जिला साहेबगंज।	बड़ा बाना पाड़ा	20,21,23	13.35	04.04.12 to 10 year did is not execu.	Expired
11	में० शंकर एण्ड कंपनी, प्रो० श्री शंभु कुमार गुप्ता, पिता- श्री नंदलाल भगत, ग्राम+पो० बाकुडी, जिला साहेबगंज	बड़ा बाना पाड़ा	27	7.90	13.03.01 to 10 year	Expired
12	में० शंकर एण्ड कंपनी, प्रो० श्री शंभु कुमार गुप्ता, पिता- श्री नंदलाल भगत, ग्राम+पो० बाकुडी, जिला साहेबगंज	बड़ा बाना पाड़ा	40/p,93	2.80	26.06.02 to 10 year	Expired
13	में० शिव शक्ति स्टोन वर्क्स, प्रो० श्री अजय कुमार, पिता- स्व० छबीलाल भगत, ग्राम+पो० बाकुडी, जिला साहेबगंज	केरपान	8,9/p	3.88	24.04.07 to 10 year	Expired
14	श्री उत्तम कुमार दत्ता, पिता- श्री गोबिंद गोपाल दत्ता, ग्राम काशीम बाजार, पो० राजमहल, जिला साहेबगंज	रोडो	43, 44	1.30	29.08.05 to 07year	Expired

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15	में० जीयल दास एण्ड कंपनी, पार्ट० श्री सुभाष कुमार, पिता— श्री रामचंद्र साधवानी ग्राम+पो० बाकुडी, जिला साहेबगंज	चालपहाड	48	1.45	06.01.07 to 10 year	Expired
16	में० अब्बास एण्ड संस, पार्ट०— अनीस, पिता— मो० मो० अब्बास, ग्राम+पो० तीनपहाड़, जिला साहेबगंज	धमधमिया	110p	1.25	10.10.10 to 7 year	Expired
17	में० एस० के० टेकरीवाल, एवं श्री वीर कुमार टेरीवाल, पिता— श्री मोतीलाल टेकरीवाल, ग्राम+पो०— पथरगामा, जिला गोड्डा	धमधमिया	110,115,116, 117, 120,121, 122/p123/p, 124 126, 127, 128,	22.75	31.05.10 to 5 year	Expired
18	में० जय माँ तारा स्टोन वर्क्स, प्रो० श्री धनश्याम ठाकुर, ग्राम चौकी ढाव पो० राधानगर, जिला साहेबगंज	मालीटोक	101/p,102/p, 103/p	2.17	16.03.10 to 5 year	Expired
19	में० डी० एण्ड के० स्टोन, प्रो० श्री दिलीप कुमार सिंह, पिता— स्व० बिनोद बिहारी सिंह, ग्राम जंगलपाड़ा पो० उधवा, जिला साहेबगंज	मालीटोक	32 to 38, 47,49	4.40	13.07.10 to 5 year	Expired
20	श्री आर० पी० सिंह, पिता श्री देवलाल सिंह, ग्राम चैती दुर्गा, जिला साहेबगंज	बांसकोला	448,450 to 453	7.60	07.09.02 to 10 year	Expired
21	श्री किशोर कुमार, पिता श्री बट्टी साहू, ग्राम+पो० सकरीगली, जिला साहेबगंज	गदवा	110/p	4.00	13.05.02 to 10 year	Expired
22	श्री किशोर कुमार, पिता श्री बट्टी साहू, ग्राम+पो० सकरीगली, जिला साहेबगंज	गदवा	42/p	3.20	16.09.05 to 10 year	Expired
23	श्री किशोर कुमार, पिता श्री बट्टी साहू	गदवा	105, 108, 109/p	6.10	11.10.07 to 10 year	Expired

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	ग्राम+पो0 सकरीगली, जिला साहेबगंज					
24	श्री पवन चिरानिया, पिता श्री महाबीर चिरानिया, भरतीया रोड, जिला साहेबगंज हस्तान्तरण बिरबल भगत, महाराजपुर	गदवा	208	2.10	13.06.06 to 10 year	Expir ed
25	में0 प्रसाद एण्ड संस, प्रो0 श्री राजेश्वर प्रसाद सिंह,पिता- श्री देवलाल सिंह, ग्राम चैती दुर्गा, जिला साहेबगंज	अतिचाप I	46/p	4.0 0	02.09.03 to 10 year	Expir ed
26	श्री बिमल कुमार सिंहा, पिता गुंजेश्वर प्रसाद सिंहा, ग्राम एल0 सी0 रोड, जिला साहेबगंज	अतिचाप I	35/p,38/p	3.90	10.07.10 to 5 year	Expir ed
27	श्री नरेन्द्र कुमार यादव, पिता श्री रामजतन यादव, ग्राम+पो0 सकरीगली, जिला साहेबगंज	गदवा	10/p	2.0 0	19.06.01 to 10 year	Expir ed
28	में0 नजीर, पिता मो0 सलूक मिया, ग्राम लालमाडी, पो0 तालझारी, जिला साहेबगंज	भतभंगा	621/p,622/p	3.0 0	30.08.11 to 5 year	Expir ed
29	में0 विद्यार्थी स्टोन वर्क्स, प्रो0 श्री परमानंद पाण्डेय, पिता- श्री मुरलीधर पाण्डेय, ग्राम-एन0 एस0 कालोनी, जिला साहेबगंज	बांस कोला	423 to 427, 432/p,433, 434,436,437	4.19	13.09.06 to 10 year	Expir ed
30	में0 विद्यार्थी स्टोन वर्क्स, प्रो0 श्री परमानंद पाण्डेय, पिता- श्री मुरलीधर पाण्डेय, ग्राम-एन0 एस0 कालोनी, जिला साहेबगंज	गदवा	64/p,67/p,70/p,71/p	9.20	16.06.08 to 10 year	Expir ed

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31	में० कमालउदीन, पिता स्व० तजमूल हूसैन, ग्राम करणपुरातो, जिला साहेबगंज	कचौरी बेडो	41p, 43p, 45p	3.0 0	26.12.09 to 7 year	Expir ed
32	श्री निवास मिश्रा, पिता श्री राम चन्द्रीका मिश्रा, ग्राम हवीपुर, जिला साहेबगंज	गदवा	37/p	2.0 0	26.04.09 to 5year	Expir ed
33	श्री अनिल कुमार, पिता श्री बद्री प्रसाद साह ग्राम सकरीगली, जिला साहेबगंज	गदवा	13/p	2.90	06.02.10 to 7 year	Expir ed
34	श्री राजेश चिरानिया एवं अन्य, पिता श्री महावीर चिरानिया, भरतीया कोलनी, जिला साहेबगंज	कल्याणी	158p	2.51	02.02.08 to 10 year	Expir ed
35	श्री मनोज कुमार यादव, पिता- श्री छेदी यादव, ग्राम सकरीगली, साहेबगंज	गदवा	30/p to 34/p	5.0 0	14.07.10 to 5 year	Expir ed
36	में० एस० के स्टोन, प्रो० श्री सुरेश कुमार, पिता बद्री साह, ग्राम सकरीगली साहेबगंज	गदवा	100/p,101/p, 103/p	13.0 0	24.11.10 to 5 year	Expir ed
37	में० के० जी० एन० स्टोन वर्क्स, पार्ट० मो० खुर्शीद आलम, पिता- स्व० मुस्ताक मियां, एवं श्री जगमोहन सिंह, पिता- स्व० पचकौड़ी सिंह, मो० कलीम अंसारी, ग्राम+पो० तीनपहाड़, जिला साहेबगंज	धमधमि या	176,177,395,	4.0 0	31.08.10 to 5 year	Expir ed
38	में० अंसार स्टोन वर्क्स, प्रो० श्री हारुण रसीद, पिता स्व० रौशन अली, ग्राम+पो० तीनपहाड़, जिला साहेबगंज	धमधमि या	194, 195	4.73	25.10.10 to 5 year	Expir ed

*(Signature)*  
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39	में० शिव शक्ति स्टोन वर्क्स, प्रो० श्री राजीव कुमार उपाध्याय, पिता- श्री कालिका उपाध्याय, ग्राम+पो० बाकुडी, जिला साहेबगंज	गोदाईटुंगी	3,7,9	3.63	10.12.10 to 7year	Expired
40	में० दमयन्ती स्टोन इन्डस्ट्रीज, पिता श्री रामजी चौधरी, ग्राम नया सड़क, साहेबगंज	बडे पडते	4/p,42	3.00	03.2.10 to 5 year	Expired
41	श्री राजकुमार भगत, पिता श्री यमुना प्रसाद भगत, ग्राम+पो० दिग्धी, जिला साहेबगंज	मीठा पहाड़	11/p,12/p,13	6.42	24.10.10 to 5 year	Expired
42	में० नरसिंह लग्धीर, पिता स्व० लग्धीर ननजी, ग्राम+पो० बाकुडी, जिला साहेबगंज	पत्नीबोना	19,23/p,24	4.46	03.11.01 to 10 year	Expired
43	मैसी पहाड़िन, पति- स्व० मंगला पहाड़िया, ग्राम मालीटोक, पो० बाकुडी, जिला साहेबगंज	मालीटोक	41,42,43,57, 59,60,69	7.00	30.06.02 to 10 year	Expired
44	में० बॉबी स्टोन वर्क्स, प्रो० रमीनुल इस्लाम, पिता- मु० यूसूफ, ग्राम काशीम बजार, पो० राजमहल, जिला साहेबगंज	गोदाईटुंगी	129/p	2.75	16.12.05 to 10 year	Expired
45	में० हरिलाल अजय एण्ड कम्पनी, पार्ट० श्री नरसिंह लग्धीर, पिता- स्व० लग्धीर ननजी, ग्राम+पो० बाकुडी, जिला साहेबगंज	पत्नीबोना	20,21	10.40	15.12.05 to 10 year	Expired
46	में० बंसला ग्रेनाईट, प्रो० श्रीमति बीण सिंह, पति- स्व० प्रतापेश्वर सिंह, ग्राम नील कोठी, पो० राजमहल, जिला साहेबगंज	पत्नीबोना एवं चालपहाड़	12,13,14,16, 17,18,37,39, 40	11.53	25.04.06 to 10 year	Expired

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47	श्री अशोक यादव, पिता श्री यमुना प्रसाद यादव, ग्राम समदानाला, पो0 सकरीगली, जिला साहेबगंज	गदवा	7/p	2.0 0	16.11.05 to 10 year	Expir ed
48	श्री अशोक यादव, पिता श्री यमुना प्रसाद यादव, ग्राम समदानाला, पो0 सकरीगली, जिला साहेबगंज	गदवा	114p	1.62	23.07.09 to 07 year	Expir ed
49	में0 घोष एण्ड मंडल, स्टोन वर्क्स, पार्ट0 श्री बिजय कुमार मंडल, पिता- श्री गयानाथ मंडल, एवं अन्य, ग्राम+पो0 बालापोखर, जिला साहेबगंज	बेडो चमदी	115/p,116/p	2.0 0	19.04.06 to 10 year	Expir ed
50	में0 ओम शांति स्टोन वर्क्स, प्रो0- सुरेश ठाकुर, पिता- स्व0 सीताराम ठाकुर, ग्राम+पो0 करणपुरा, साहेबगंज	गम्हरिय I	109/p	1.50	31.05.06 to 10 year	Expir ed
51	में0 नेहाल स्टोन वर्क्स, प्रो0 मो0 नेहाल, पिता मो0 तजमुल हुसैन, ग्राम+पो0 करणपुरा, साहेबगंज	पुसरे	127/p	4.0 0	25.05.06 to 10 year	Expir ed
52	में0 माँ काली स्टोन वर्क्स, पार्ट0 श्री सुनिल कुमार चौरासिया, पिता- शंभु प्र0 चरौसिया, एवं अन्य, ग्राम शोभनपुर, पो0 सरकंडा, जिला साहेबगंज	पुसरे	127/p	3.0 0	19.04.06 to 10 year	Expir ed
53	श्री लखन पंडित, पिता श्री अर्जुन पंडित, ग्राम दुधकोल, पो0 तालझारी, जिला साहेबगंज	पुसरे	127/p	2.0	31.05.06 to 10 year	Expir ed

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54	श्री निवारण चंद्र मंडल, पिता श्री खुदिया मंडल, ग्राम बिहारी टोला, पो० पंचानंदपुर, पं० बंगाल	बेकचुरी	78/p,79	3.00	26.04.06 to 10 year	Expired
55	में० माँ गायत्री स्टोन वर्क्स, पार्ट० श्री संतोष प्रसाद पिता-स्व० बिश्वनाथ प्रसाद, एवं अन्य, ग्राम ईगलिस, पो० मंगलहाट, जिला साहेबगंज	कारो	168/p	3.00	29.06.06 to 10 year	Expired
56	में० माँ शरदा स्टोन वर्क्स, प्रो० श्री बिनोद कुमार सिंह, पिता श्री राम दयाल सिंह, ग्राम+पो० तीनपहाड़, जिला साहेबगंज	धमधमिया	271 to 273, 275	3.50	07.10.05 to 10 year	Expired
57	में० माँ काली स्टोन वर्क्स, पार्ट० श्री सुनिल कुमार चौरासिया, पिता श्री शंकर प्रसाद चौरासिया, ग्राम शोभनपुर, पो० सरकंडा, जिला साहेबगंज	पुसरे	127/p,	2.00	19.04.06 to 10 year	Expired
58	श्री मदन कांत, पिता स्व० दूधनाथ चौधरी, एन० एस० कोलनी, जिला साहेबगंज	किरोकु रिया	18/p,19, 20, 21/p	4.90	19.04.06 to 10 year	Expired
59	में० एस० एस० स्टोन वर्क्स, पार्ट० श्री मुरारी लाल केजरीवाल, पिता स्व० भगवान दास केजरीवाल, मु० महाजनपट्टी, पो०+जिला साहेबगंज	किरोकु रिया	4/p	3.00	29.05.07 to 10 year	Expired
60	में० स्टार स्टोन वर्क्स, पार्ट० मो० मुर्शिद आलम, पिता स्व० यासीन, ग्राम+पो० तीनपहाड़, जिला साहेबगंज	धमधमिया	130,131,134/p	5.70	02.05.08 to 10 year	Expired

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61	श्री बिनोद बिहारी रंजन, पिता श्री योगेन्द्र राम, ग्राम अचलपुर, पो० सोतीहार, जिला सारण (बिहार)	धमधमिया	377/p	2.00	05.12.07 to 10 year	Expired
62	श्री महेश महतो, पिता श्री सरयू महतो, ग्राम नीलकोठी, पो० राजमहल, जिला साहेबगंज	चालपहाड़	43,44,53,54	1.54	08.01.08 to 10 year	Expired
63	में० माँ जगदम्बा स्टोन वर्क्स, प्रो० श्री जवाहर लाल साह, पिता श्री अनंत लाल साह, ग्राम+पो० कटहलबाड़ी, जिला साहेबगंज	मालीटोक	14/p,15/p	8.39	14.01.07 to 10 year	Expired
64	मो० इब्राहिम, पिता मो० अबदुल रहीम मोमीन, ग्राम पोखरिया, पो० बाकुडी, जिला साहेबगंज	मालीटोक	10,71,33,134	1.23	21.08.08 to 10 year	Expired
65	में० के० जी० एन० स्टोन वर्क्स, पार्ट० मो० अख्तर हुसैन पिता- स्व० अब्दुल सत्तार, एवं अन्य, ग्राम+पो० उधवा, जिला साहेबगंज	मालीटोक	27/p, 28,29,30	4.00	17.01.08 to 10 year	Expired
66	में० प्रिया मिनरल, प्रो० श्री सदानंद पाण्डेय, पिता- श्री मुरलीधर पाण्डेय, मु०-एन० एस० कोलनी, साहेबगंज	चांगड़ो	20/p	5.00	04.03.08 to 10 year	Expired
67	श्री बिक्रम यादव, पिता- स्व० शिवलाल यादव, ग्राम समदा, पो० सकरीगली, जिला साहेबगंज	किरोकुरिया	45/p	3.00	13.02.08 to 10 year	Expired
68	श्री किशोर कुमार, पिता- बंदी साहु, ग्राम+पो०	गदवा	105,108,109/p	6.44	11.10.07 to 10 year	Expired

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	सकरीगली, जिला साहेबगंज					
69	श्री अभिशेख कुमार चौधरी, पिता श्री देवनंदन चौधरी, ग्राम छोटी भगिया मारी, पो० सकरीगली, साहेबगंज	किरोकु रिया	31/p	3.00	22.04.08 to 10 year	Expired
70	श्री बासुकी नाथ यादव, पिता- स्व० छविलाल यादव, ग्राम हाथी गढ़, पो० सकरीगली, जिला- साहेबगंज	बड़े पडते	14/p,33/p,34/p	3.00	08.01.08 to 10 year	Expired
71	में० कोहिनूर स्टोन वर्क्स, पार्ट० मो० असरॉफूल हौदा, पिता मो० शरफूल हौदा, ग्राम इकरा कोलनी, मजहर टोला, जिला साहेबगंज	मीरा पाड़ा	124/p	3.50	26.05.08 to 10 year	Expired
72	श्री संझला मुर्मू पिता रामजी मुर्मू ग्राम रक्शौ बांध, पो० बाकुडी, जिला साहेबगंज	पक्तुरी	35	2.10	31.08.08 to 10 year	Expired
73	मो० असेरा खतुन, पति मो० अली अकबर, ग्राम, अठगामा, पो० बड़तला जिला साहेबगंज	गोदाईटुंगी	50	1.85	21.08.08 to 7 year	Expired
74	श्री दिगम्बर कर्मकार, पिता स्व० कृष्णादास कर्मकार, मो० शोभापुर, पो० सरकंडा, साहेबगंज	रोड़ो	61/p	2.00	31.10.08 to 7 year	Expired
75	श्री अर्जुन यादव, पिता स्व० विश्वनाथ यादव, ग्राम-समदानाला, पो० सकरीगली, जिला साहेबगंज।	किरोकु रिया	44/p, 45,p	3.00	27.05.08 to 10 year	Expired
76	श्री बरुण कुमार चौरसिया एवं अन्य पिता श्री मधूसूदन प्र० चौरसिया ग्राम योगीचक, पो०	पुसरे	132/p		01.09.08 to 07 year	Expired

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	सरकंडा, जिला साहेबगंज					
77	मै० गुलाम अली, पिता मु० रमजान अली ग्राम योगीचक, पो० सरकंडा, जिला साहेबगंज	अतिचाप I	28/p, 29/p	4.0 0	06.01.09 to 29-08-2016 rd gLrkukUr fjar	Expir ed
78	श्री राकेश कुमार सिंह, मु०+पो०+जिला- पुर्णिया, बिहार।	दरवास बेडो	30/p, 65/p	4.70	25.03.11 to 18.12.2016	Expir ed
79	मै० मंडल एवं चौरसिया स्टोन वर्क्स पार्ट० फिलिप्स चन्द्र मंडल एवं अन्य पिता श्री सुबोध चंद्र मंडल, ग्राम सरकंडा, पो० राजमहल, साहेबगंज	बुधवरिय I	137/p	2.0 0	28.11.06 to 27.11.16	Expir ed
80	सर्वश्री आस्था स्टोन वर्क्स, प्रो० श्री चन्द्रशेखर शर्मा, पिता-स्व० राम बल्लभ शर्मा, ग्राम+पो०- बरहरवा	पतनीबो ना	39 to 48 & 52 to 56, 59, 60/P 61 & 62	15.0 0	04.08.09 to 7 year	Expir ed
81	मै० सरोज भुषण हेम्ब्रम, पिता- श्री जौन हेम्ब्रम, ग्राम+पो०- बाकुडी, थाना- तालझारी, जिला- साहेबगंज।	तेतुरिया	1,41,142	4.50	20.03.10 to 7 year	Expir ed
82	मै० माँ काली स्टोन वर्क्स, प्रो०- श्री बिरेन्द्र गांगुली, पिता- स्व० बिमलकांत गांगुली, ग्राम+पो०- बाकुडी, थाना- तालझारी, जिला- साहेबगंज।	तेतुरिया	98/p	1.00	06.02.10 to 7 year	Expir ed

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83	में० राजमहल स्टोन कंपनी, प्रो०- श्री तपन भौमिक, पिता- स्व० अन्ननदा भैमिक, ग्राम- लालकोठी, पो०+थाना- राजमहल, जिला- साहेबगंज।	गुदायटुंगी,	60/p,62/p	3.00	09.01.10 to 7 year	Expired
84	श्रीमति प्रमिला देवी, पति स्व० रंजीत प्रसाद यादव, ग्राम+पो० तीनपहाड़, जिला साहेबगंज	धमधमिया	132, 133, 140	4.00	20.03.10 to 7 year	Expired
85	श्रीमति प्रमिला देवी, पति स्व० रंजीत प्रसाद यादव, ग्राम+पो० तीनपहाड़, जिला साहेबगंज	धमधमिया	142	5.20	17.04.05 to 10 year	Expired
86	में० डायमंड स्टोन वर्क्स, पार्ट०- श्री हरिमोहन मंडल एवं अन्य, ग्राम- फतेहपुर, पो०-बालापोखर, जिला- साहेबगंज।	बेडो चमदी	136/p	3.00	26-12-09 to 7 year	Expired
87	मो० जफर, पिता- मो० नसीरउदीन, ग्राम- मधेली, पो०-फलका, जिला- कटिहार।	मंडे	54,55	3.55	26-12-09 to 7 year	Expired
88	श्री निखिल यादव, ग्राम+पो०- करणपुरा, जिला- साहेबगंज	बोगा	35/p	2.00	22.10.09 to 7 year	Expired
89	में० जयशंकर स्टोन वर्क्स, पार्ट०- श्री रंजीत उराव एवं अन्य, ग्राम- बड़ा तालबन्ना, पो०- कारपुरातो, जिा- साहेबगंज।	छोटी मुडी	11/p	5.00	17.04.10 to 7 year	Expired
90	श्री संजय कुमार राय, पिता- श्री अमरनाथ राय, मु०- हाथीगढ़, पो०- सकरीगली, जिला- साहेबगंज।	गदवा	131/p,132/p,133/p126	3.60	19.02.10 to 7 year	Expired

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91	में0 ब्रीणा स्टोन वर्क्स, पो0- श्री भीम यादव, ग्राम- समानाला, पो0- सकरीगली, जिला- साहेबगंज।	चंगडो	27/p,29,36,37	7.50	12.10.09 to 7 year	Expir ed
92	श्री गणेश प्रसाद यादव, कालोनी रोड, मनिहारी, जिला- कटिहार	किरोकु रया	4/p	3.0 0	12.10.09 to 7 year	Expir ed
93	में0 अम्बा स्टोन वर्क्स, प्रो0- श्री गणेश प्रसाद यादव, कालोनी रोड, मनिहारी, जिला- कटिहार	किरोकु रया	4/p	3.0 0	21.10.10 to 7 year	Expir ed
94	में0 माँ जमनी स्टोन वर्क्स, प्रो0 श्री सुजीत कुमार चौरसिया एवं अन्य, ग्राम- सरकंडा, शोभापुर, जिला साहेबगंज	पुसरे	107/p	3.0 0	26.12.09 to 7 year	Expir ed
95	श्री अनिल कुमार, पिता श्री रामभव यादव ग्राम- समदानाला सकरीगली, जिला साहेबगंज	किरोकु रया	37/p	3.0 0	6.02.10 to 7 year	Expir ed
96	में0 हरिलाल अजय एण्ड कम्पनी, पार्ट0- नेहाल कुमार चावरा, पिता- स्व0 जितेन्द्र लग्धीर, मु0+पो0- बाकुडी, थाना-तालझारी, जिला- साहेबगंज	गोदाईटुं गी	70/p	3.98	08.07.11 to 10 year	Expir ed
97	में0 माया स्टोन वर्क्स, प्रो0- श्री कृपानाथ यादव, ग्राम- समदानाला, सकरीगली, जिला- साहेबगंज	किरोकु रया	17/p	2.0 0	12.10.09 to 7 year	Expir ed
98	में0 माँ स्टोन वर्क्स, प्रो0- मुस्तकीम अंसारी, ग्राम+पो0- करणपुरा, साहेबगंज।	पुसरे	105/p,106/p	4.0 0	26.12.09 to 7 year	Expir ed

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99	में० बादल स्टोन वर्क्स, प्रो०- श्री राजेन्द्र यादव, ग्राम- तालबन्ना, जिला- साहेबगंज	किरोकुरिया	8/p	2.00	11.03.10 to 7 year	Expired
100	में० मंडल एवं यादव स्टोन वर्क्स पार्ट० सुभाष कुमार मंडल एवं अन्य ग्राम फतेहपुर, पो० बालापोखर, साहेबगंज	मंडे	200/p	1.00	26.12.09 to 7 year	Expired
101	में० विश्वकर्मा मरचेट, प्रो०- श्री जय राणेश भगत, ग्राम+पो०-तीनपहाड़, जिला- साहेबगंज	अतिचाप	2/p,3/p	4.00	01.04.10 to 7 year	Expired
102	में० राजा मिनरल एण्ड कम्पनी, प्रो०- मो० ताजउदीन, ग्राम+पो० राजमहल, जिला- साहेबगंज	बोगा	199/p	4.00	17.04.10 to 7 year	Expired
103	में० मनीष एण्ड बद्रर्स, स्टोन, प्रो०- श्री मनीष कुमार चौरसिया, पिता- श्री प्रभात कुमार चौरसिया, मु०- पुरानी, साहेबगंज।	चेगड़ो	13/p,16/p,19/p	5.00	04.03.10 to 7 year	Expired
104	में० ख्वाजा स्टोन वर्क्स, पार्ट०- मो० सलाउदीन, पिता- स्व० मो० मुस्तफा शेख, मु०- दरगाडांगा, पो०- उधवा, थाना- राधानगर, जिला- साहेबगंज।	गोदाईटुंगी	49,52,53, 66/p, 70/p, 93 & 94	8.27	17.02.10 to 7 year	Expired
105	मो० अख्तर अली, पिता- मो० नवाव अली, ग्राम- मोतीझरना, पो०- महाराजपुर, जिला- साहेबगंज	गदवा	83/p, 210/p	2.50	26.04.10 to 7 year	Expired

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Approved

State Level Environment Impact Assessment Authority  
Jharkhand, Ranchi

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106	में0 माँ स्टोन वर्क्स, प्रो0- मुस्तकीम अंसारी, वल्द- तजमुल हुसैन, ग्राम+पो0- करणपुरा, जिला- साहेबगंज	पुसरे	105/p,106/p	4.00	26.12.09 to 7 year	Expired
107	श्री हरेराम यादव, पिता- रामभवन यादव, ग्राम-सकरीगली, समदानाला, जिला- साहेबगंज	गदवा	129/p	2.00	09.07.10 to 7 year	Expired
108	श्री कमल किशोर साह, पिता- श्री हीरालाल साह, मु0- नया सड़क पो0+जिला- साहेबगंज	कारी	170p,	4.00	04.04.11 to 07	Expired
109	में0 शिवम स्टोन वर्क्स, प्रो0 श्री दिगम्बर कर्मकार, ग्राम- शोभापुर, पो0-सरकंडा, जिला-साहेबगंज	बेकचुरी	132/p,133/p	3.00	16.07.10 to 7 year	Expired
110	श्री ललन सिंह, पिता श्री गजाधर सिंह, ग्राम- एन0 एस0 कोलनी, जिला साहेबगंज	चांगडो	17/p,18,19/p, 20/p	5.09	14.08.10 to 7 year	Expired
111	श्री मदन कांत, पिता स्व0 दूधनाथ चौधरी, एन0 एस0 कोलनी, जिला साहेबगंज	किरोकुरिया	2/p,30/p,31/p	4.00	16.07.06 to 10 year	Expired
112	में0 हरिलाल अजय एण्ड कम्पनी, पार्ट0- नेहाल कुमार चावरा, पिता- स्व0 जितेन्द्र लग्धीर, मु0+पो0- बाकुडी, थाना-तालझारी, जिला- साहेबगंज	पत्नीबोना एवं चौकीढाव	92/p, 93, 94, 95/p, 110 & 19/p, 41, 42,43 44/p, 45/p,46/p,47	14.89	10.10.10 to 7 year	Expired
113	श्री संजीव कुमार देव, पिता- श्री सतीश चन्द्र साह, मु0- नयाटोला,	बोगा	191/p, 192/p	10.03	10.11.10 to 7 year	Expired

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	पो०+थाना+जिला- साहेबगंज।					
11 4	में० एस० एम० एस० स्टोन वर्क्स, पार्ट० श्री मुरारी लाल केजरीवाल, पिता स्व० भगवान दास केजरीवाल, मु० महाजनपट्टी, पो०+जिला साहेबगंज	किरोकु रया	4/p	4.0 0	23.10.10 to 7 year	Expir ed
11 5	में० सरस्वती स्टोन वर्क्स, प्रो० श्री दिनेश यादव, पिता श्री हीरालाल यादव, ग्राम मंगल बजार, पो० सकरीगली, साहेबगंज।	किरोकु रया	21p, 41p, 81p, 9p, 30p, 31p	13.5 0	23.10.10 to 7 year	Expir ed
11 6	में० पुष्पांजली स्टोन वर्क्स, प्रो०- श्री किशन चन्द लाखमानी, पिता- श्री झंगल दास, ग्राम- सिन्धीपाड़ा, पो०+जिला-पाकुड़।	बेकचुरी	56/p	3.20	09.12.10 to 7 year	Expir ed
11 7	श्री अशोक यादव, पिता- श्री हिकायत यादव,ग्राम- जमनी, पो०-सकरीगली, जिला-साहेबगंज।	किरोकु रया	37/p	3.0 0	09.10.10 to 7 year	Expir ed
11 8	में० ए० डी० स्टोन वर्क्स, पार्ट०- श्री धनंजय तिवारी, पिता- श्री राजभल्लब तिवारी, ग्राम- हाटपाड़ा, पो०+थाना- राजमहल जिला-साहेबगंज।	बेकचुरी	78/p	2.70	07.10.10 to 7 year	Expir ed
11 9	श्री मनोज कुमार यादव, पिता- श्री दशरथ प्रसाद यादव, ग्राम- समदानाला, पो०- सकरीगली, जिला- साहेबगंज।	गदवा	45/p 46/p	3.33	6.03.11 to 7 year	Expir ed

*(Signature)*  
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जिला साहेबगंज



DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



120	में0 कौशल्या स्टोन वर्क्स पार्ट0- श्री जयराम यादव, पिता- श्री प्रभुनाथ यादव, मु0- समदानाला, पो0-सकरीगली, जिला- साहेबगंज।	किरोकु रिया	37/p	2.00	30.03.11 to 7 year	Expired
121	में0 माँ पदमिनी स्टोन वर्क्स, पार्ट0- श्री निरेन कुमार चौरसिया, पिता- स्व0 इन्द्रजीत चौरसिया, श्री साजन कुमार चौरसिया, पिता- श्री धीरेणं प्र0 चौरसिया, एवं अन्य मु0- चंडीपुर,, पो0- सरकंडा, थाना- राजमहल, जिला- साहेबगंज।	बोगा	199/p & 201/p	4.00	01.06.11 to 7 year	Expired
122	में0 डी0 टी0 सी0 मिनरल्स प्रा0 लि0, निदेशक- श्री सूभाष चन्द्र तुलस्यान, पिता- श्री राम निरजंन तुलस्यान, 1 नेताजी सुभाष रोड, कोलकाता	मांसबेड़ा	29/p	2.00	09.09.09 to 7 year	Expired
123	पार्ट0- श्री पिन्दु कुमार सिंह, पिता- श्री मुनीलाल सिंह, मु0- छोटी भगियामारी, पो0- सकरीगली, थाना-तालझारी, जिला- साहेबगंज।	गदवा	200/p & 202/p	4.00	04.04.11 से 07 वर्ष	Expired
124	पार्ट0- श्री पिन्दु कुमार सिंह, पिता- श्री मुनीलाल सिंह, मु0- छोटी भगियामारी, पो0- सकरीगली, थाना-तालझारी, जिला- साहेबगंज।	गदवा	204,205,206p	7.66	19.02.11 से 07 वर्ष	Expired

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12 5	श्री प्रदीप कुमार सिंह, पिता- श्री मुनीलाल सिंह, मु0- छोटी भगियामारी, पो0- सकरीगली, थाना-तालझारी, जिला- साहेबगंज।	गदवा	209p, 210p, 211p	4.0 0	13.01.11 से 07 वर्ष	Expire d
12 6	श्री राजेश कुमार पाण्डेय, पिता- श्री बिबेकानांद पाण्डेय, मु0- कृष्णनगर, पो0+था+जिला- साहेबगंज।	बांस कोला	439 & 440	1.95	31.10.08 से 07 वर्ष	Expire d
12 7	में0 मों साधना स्टोन वर्क्स, प्रो0- श्री संजीव कुमार डे, पिता- श्री नीलमणि डे, मु0- कासीम बाजार, पो0+थाना- राजमहल, जिला- साहेबगंज।	बालको	19/p, 20/p & 23/p	3.0 0	23.12.11 से 07 वर्ष	Expire d
12 8	में0 महाजन स्टोन वर्क्स, प्रो0- श्री श्रीकांत मंडल, पिता- श्री देवनारायण मंडल, मु0- खुटहरी, पो0- कल्याणचक, थाना- राजमहल, जिला- साहेबगंज।	काटेकेव I	45/p, 74/p, 75/p	10.0 0	21.01.12 से 07 वर्ष	Expire d
12 9	में0 जय बजरंग बली स्टोन वर्क्स, प्रो0 श्री प्रकाश चंद्र यादव, पिता- स्व0 आनंदी यादव, ग्राम नेताजी सुभाष कालोनी, साहेबगंज	गदवा	13/p, 19/p, 23/p, 24/p, 25/p	8.56	01.06.11 से 07 वर्ष	Expire d
13 0	श्री गोवर्धन मंडल, पिता- स्व0 सुखदेव मंडल, मु0- सौतीचौकी, खुटहरी, पो0- बड़ा मदनशाही, जिला- साहेबगंज।	बड़े पडते	42/p	2.0 0	14.05.07 से 10 वर्ष	Expire d
13 1	श्री मतला हासंदा, पिता- जुगड़ा हांसदा, मु0- बासकोला पो0-	बांस कोला	435	1.0	29.09.10 से 07 वर्ष	Expire d

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	सकरीगली, जिला- साहेबगंज ।					
13 2	में0 हिन्द स्टोन वर्क्स, पार्ट0 मो0 असरौफूल हौदा, पिता मो0 शरफूल हौदा, ग्राम इकरा कोलनी, मजहर टोला, जिला साहेबगंज	बड़े पडते	48p, 15p, 10p	4.31	11.02.11 to 07year	Expired
13 3	वरुण कुमार मंडल, ग्राम- बेगमगंज, पो0- राधानग, जिला- साहेबगंज	छोटा मुंडी	13p	4.00	07.10.10 to 07 year	Expired
13 4	श्री संजय यादव, पिता- शिव कुमार यादव, मु0- समदानाला, पो0-सकरीगली, जिला- साहेबगंज	किरोकु रिया	31p, 37p	8.00	22.05.09 to 07 year	Expired
13 5	श्री दिलीप मंडल, पिता- श्री देवनारायण मंडल, मु0- मोकिमपुर, पो0- सरकंडा, थाना- राजमहल, जिला- साहेबगंज एवं अन्य ।	रोड़ो	46,47, 50 to 53	1.00	08.07.11 से 07 वर्ष	Expired
13 6	सर्वश्री देव स्टोन वर्क्स, प्रो0- श्री रंजीत कुमार सिंह, मु0- कमलटोला पो0- जिला- साहेबगंज ।	गदवा	101p, 106p	6.89	10.02.11 से 07 वर्ष	Expired
13 7	सर्वश्री गोप स्टोन वर्क्स, पार्ट0- श्री पंकज कुमार यादव, मु0+पो0- नयाटोला, महाराजपुर जिला- साहेबगंज ।	गदवा	209, 210, 211	2.00	10.02.11 से 07 वर्ष	Expired
13 8	सर्वश्री इलियास एण्ड संस, पार्ट0- मो0 जाहिद अंसारी एवं अन्य, मु0+पो0- तीनपहाड़, जिला- साहेबगंज ।	धमधमिया	156	1.30	21.05.2000 से 07 वर्ष	Expired

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139	में0 मयूर मशीन प्रा0 लि0- निदेशक- मयुर खुशवानी, मु0- बिनोदपुर, जिला- कटिहार।	मोतीझारना	205ip	19.35	04.04.11 से 17.12.15	Expired
140	में0 पुष्पाजली स्टोन वर्क्स, प्रो0- श्री किशन चंद लखमानी, पिता- श्री झंगल दास, ग्राम- मिशन रोड, सिन्धीपाड़ा, पो0+थाना+जिला- पाकुड़।	संसारी	32/p	4.00	25.02.10 to 5 year	Expired
141	में0 आर0 पी0 शर्मा एण्ड संस, प्रो0- श्री चेतन कुमार शर्मा, पिता- श्री संतोष कुमार शर्मा, मु0+पो0+थाना- बड़हरवा, जिला- साहेबगंज।	चपाडे	219, 220/p	6.33	13.01.11 to 7 year	Expired
142	में0 माँ तारा स्टोन वर्क्स, पार्ट0 श्री सुमंतो कुमार, पिता श्री जितेन्द्र नाथ वर्द्धन ग्राम+पो0- बरहेट, जिला- साहेबगंज	बोरना	165, 166	3.59	20.08.2010 to 05 year	Expired
143	में0 प्रसाद स्टोन वर्क्स, प्रो0 श्री बिनय कुमार सिंहा, पिता- स्व0 भगवत प्रसाद सिन्हा, ग्राम पतना पो0 बड़हरवा, जिला- साहेबगंज	बोरना	110,111,154 to 157	5.70	31.08.2000 to 10 year	Expired
144	में0 कृष्णा स्टोन वर्क्स, प्रो0 श्री राम रतन अग्रवाल, पिता- स्व0 बनबारी लाल अग्रवाल, ग्राम विवेकानंदवली, जिला मालदा, (पं0 बंगाल)	अम्बाडे	34, 36p] 38,45p,46, 54p, 58 to 60	15.00	12.08.04 to 10 year	Expired
145	श्री अकिल अख्तर, पिता मो0 युसूफ, ग्राम छोट्टा चांदपुर, पो0	बोरना	140, 148	4.00	03-09-06 to 10 year	Expired

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	आगलोई जिला साहेबगंज					
146	श्री रमेश कुमार डोकानिया, ग्राम+पो0 बरहरवा, जिला साहेबगंज	इदपे, गदाई भीठा	37/p,38	7.85	21.11.2010 to 5 year	Expired
147	में0 शिव स्टोन वर्क्स, प्रो0 श्री शिव कुमार भगत, पिता- श्री राम अवतार भगत, ग्राम रतनपुर, पो0 बरहरवा, जिला साहेबगंज	गांगोपा डा बेडो	25/p,57/p,63,64, 65,66	11.34	16.06.10 to 05 year	Expired
148	में0 नेहा ब्लैक स्टोन वर्क्स, प्रो0 अख्तर आलम, पिता- मो0 जाहिद हुसैन, ग्राम+पो0 बरहेट, जिला साहेबगंज	गांगोपा डा बेडो	11,15,16,17, 24p 25p	6.00	03.04.07 to 07 year	Expired
149	में0 घोष स्टोन वर्क्स, प्रो0 श्री सुनील कुमार घोष, पिता- स्व0 देवेन्द्र नाथ0 घोष,ग्राम+पो0 बरहरवा, साहेबगंज	गांगोपा डा बेडो	25/p,44/p	9.30	11.10.2010 to 05 year	Expired
150	में0 ए0 एस0 ब्लैक स्टोन वर्क्स, प्रो0 श्री अरुण कुमार भगत, श्री तपेश भगत, ग्राम+पो0 बरहरवा, जिला साहेबगंज	गांगोपा डा माको	24/p,26/p,27/p, 28/p,33/p	4.50	08.12.05 to 10 year	Expired
151	में0 डोकनिया स्टोन वर्क्स, प्रो0 श्री संतोष कुमार डोकनिया, पिता- स्व0 बेनी प्रसाद डोकनिया,ग्राम+पो0 बरहरवा, जिला साहेबगंज	चपाण्डे	202, 203, 204 207,208	8.50	20.02.03 to 10 year	Expired
152	में0 डोकनिया स्टोन वर्क्स, प्रो0 श्री संतोष कुमार डोकनिया, पिता- स्व0 बेनी प्रसाद डोकनिया,ग्राम+पो0	चपाण्डे	190p,191,192,193,195p, 201,205,206	8.00	29.11.01 to 10 year	Expired

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	बरहरवा, जिला साहेबगंज					
153	में0 संजय माईनिंग एण्ड मिनरल, प्रो0- श्री संजय भालोटिया, पिता- श्री मदनलाल भलोटिया ग्राम+पो0 बरहरवा, जिला साहेबगंज	चपाण्डे	122/p,130/p,187/p,188,190,195/p	7.75	12.05.07 to 10 year	Expired
154	में0 संजय माईनिंग एण्ड मिनरल, प्रो0- श्री संजय भालोटिया, पिता- श्री मदनलाल भलोटिया ग्राम+पो0 बरहरवा, जिला साहेबगंज	चपाण्डे	195/p,196 197,200 & 122p	9.75	31.05.03 to 10 year	Expired
155	में0 संजय माईनिंग एण्ड मिनरल, प्रो0- श्री संजय भालोटिया, पिता- श्री मदनलाल भलोटिया ग्राम+पो0 बरहरवा, जिला साहेबगंज	चपाण्डे	101/p, 102,103,123 p, 124p, 125, to129,131 to 133	20.70	09.08.05 to 10 year	Expired
156	में0 अल्फा माईनिंग कारपोरेशन, प्रो0 मो0 तबारक हुसैन, पिता- स्व0 वासेद हुसैन,ग्राम घरमडांगा, बेबा, पो0 फरक्का, (पं0 बंगाल)	चपाण्डे एवं कुडी	8/p, 32,34,37, 38	4.65	29.05.05 to 10 year	Expired
157	में0 गंगा स्टोन वर्क्स, प्रो0 श्री अरुण कुमार चौधरी, पिता श्री गंगा प्रसाद चौधरी, ग्राम+पो0 बरहरवा, जिला साहेबगंज	चपाण्डे	99,100,101/p, 104 to 107	7.80	08.12.05 to 10 year	Expired
158	में0 माँ कालिका स्टोन वर्क्स, प्रो0 श्री जयकांत कुमार, पिता श्री मदन महतो, ग्राम+पो0 बरहरवा, जिला साहेबगंज	अम्बाडे	17/p, 18/p,22, 31/p, 32/p & 35/p	11.00	04.01.12 to 07 year	Expired

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159	श्री योगेन्द्र प्रसाद भगत, पिता श्री रामानाथ भगत, ग्राम बिंदुधाम पथ, ग्राम+पो0 बरहरवा, जिला साहेबगंज	गुजराबे डो	48	2.00	17.01.11 to 7 year	Expired
160	श्री राम इन्टरप्राईजेज, प्रो0 श्री रौशन अग्रवाल, पिता- स्व0 शिव कुमार अग्रवालग्राम+पो0 बरहरवा, जिला साहेबगंज	वादे पहाड़	6	4.50	30.12.2000 to 10 year	Expired
161	श्री राम इन्टरप्राईजेज, प्रो0 श्री रौशन अग्रवाल, पिता- स्व0 शिव कुमार अग्रवालग्राम+पो0 बरहरवा, जिला साहेबगंज	संसारी	41	5.24	24.01.2001 to 10 year	Expired
162	मे0 डी0 एण्ड भगत एण्ड कंपनी, प्रो0 श्री देवनाथ भगत, पिता- श्री पारस नाथ भगत, ग्राम हरिडांगा, जिला पाकुड़	कौशल पहाड़	1	4.98	29.3.06 to 10	Expired
163	श्री योगेन्द्र प्रसाद भगत, पिता श्री रामानाथ भगत, ग्राम बिंदुधाम पथ, ग्राम+पो0 बरहरवा, जिला साहेबगंज	गुजराबे डो	43/p,46/p, 47p, 56p, 57p	3.50	29.04.09 to 05 year	Expired
164	श्री योगेन्द्र प्रसाद भगत, पिता श्री रामानाथ भगत, ग्राम बिंदुधाम पथ, ग्राम+पो0 बरहरवा, जिला साहेबगंज	टंगानी	8/p	4.50	29.04.09 to 05 year	Expired
165	मे0 सिंह स्टोन वर्क्स, प्रो0- तपन कुमार सिंह, पिता- स्व0 राम नारायण सिंह सब्जीमंडी, ग्राम+पो0 बरहरवा, जिला साहेबगंज	बुंदाबड़ा घाटी	14,15/p,16/p	4.92	06.01.2010 to 5 year	Expired

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166	मो० वाहिद शेख, पिता- स्व० वासेद शेख, ग्राम बिन्दुग्राम, पो० बेनिग्राम, फरक्का, जिला मुर्शिदाबाद (प० बंगाल)	बुदाबड़ा घाटी	361/p	2.0 0	26.10.10 to 7 year	Expir ed
167	श्री शंकर कुमार, पिता- गोबिंद प्रसाद सिंह, ग्राम+पो०+जिला लखीसराय, (बिहार)	बोरना	442p, 466/p	2.50	02.03.2010 to 5 year	Expir ed
168	मै० हंस स्टोन वर्क्सश्री बिजय कुमार, पिता श्री रामाधीन प्रसाद, मु० न्यू एरिया, बिग्रहपुर, पो० जनकपुर, जिला पटना (बिहार)	बोरना	64/p,67,68/p,69/p,70/p	4.38	26.04.2010 to 5 year	Expir ed
169	श्री रमेश डोकनिया, पिता- श्री ओम प्रकाश डोकनिया, ग्राम+पो० बरहरवा, जिला साहेबगंज	अम्बाडे	2,9,10,13	12.0 0	28.11.2010 to 5 year	Expir ed
170	श्री मुशरफ हुसैन, पिता- फेसुदीन बिश्वास, ग्राम+पो० बरहरवा, जिला साहेबगंज	चपाण्डे एवं कुडी	24/p,26,27,28, 29, 7p, 8p	3.40	21.11.2010 to 5 year	Expir ed
171	मै० मॉ आर० के० कन्सट्रक्शन, प्रो० श्री राकेश कुमार, पिता- श्री सीताराम महतो, ग्राम कुशवाहा टोला, पो० बरहरवा, जिला साहेबगंज	बास्को	1/p,2,3/p	5.87	15.10.11 to 10 year	Expir ed
172	श्री हरेनाथ गुप्ता, पिता- कुंज बिहारी गुप्ता,ग्राम+पो० बिशनपुर, बरहरवा, जिला साहेबगंज	बोरना	449	0.47	06.01.06 to 10 year	Expir ed
173	मै० अंसारी स्टोन वर्क्स, प्रो० मो० अफजल अंसारी, पिता- मो० मुमताज	मोदीको ला	111		31.05.06 to 10 year	Expir ed

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	अंसारी, ग्राम मोदीकोला, पो० बिशनपुर, जिला साहेबगंज					
174	श्री मणिकान्त मंडल, पिता स्व० नारायण प्रसाद मंडल, ग्राम झिकटिया, पो० बरहरवा, जिला साहेबगंज	गुजराबे डो	53.54.57/p	6.00	29.05.07 to 10 year	Expired
175	में० जय बजरंगबली स्टोन वर्क्स, प्रो० श्री प्रकाश चन्द्र यादव, पिता- स्व० आनंदी यादव, ग्राम- एन० एस० कोलनी, साहेबगंज	चपाण्डे	95.97.101/p	8.75	14.11.06 to 10 year	Expired
176	में० शिव स्टोन वर्क्स, प्रो० श्री शिव कुमार भगत, पिता- श्री राम अवतार भगत, ग्राम रतनपुर, पो० बरहरवा, जिला साहेबगंज	बोरना	70/p,71/p,72, to 75, 77,78,79,80	6.27	12.03.08 to 10 year	Expired
177	श्री कुमार अभिषेक, पिता श्री भोला प्रसाद भगत, ग्राम हाटपाड़ा, पो० बरहरवा, जिला साहेबगंज	इदपे	5,6	3.09	08.03.08 to 10 year	Expired
178	में० अल्फा साईनिंग कारपोरेशन, प्रो० मो० तबारक हुसैन, पिता- मो० वासेद हुसैन, ग्राम घरमडागा, बेबा, पो० फरक्का, (पं० बंगाल)	चपाण्डे	3,11,13,16,17/p, 21,22,24/p	6.38	29.03.08 to 10 year	Expired
179	श्री केदार नाथ मुखर्जी, पिता श्री गणेश मुखर्जी, ग्राम रिसोढ़, पो० बरहरवा, जिला साहेबगंज	गांगो पाड़ा माको	13,14	3.00	08.11.07 to 10 year	Expired
180	मो० मैनुल अंसारी, पिता मो० सुलतान मोमीन, ग्राम तलबरिया, पो० पतना, जिला साहेबगंज	गांगो पाड़ा बेडो	9/p,18/p	5.00	07.12.07 to 10 year	Expired

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Approved

State Level Environment Impact Assessment Authority Jharkhand, Ranchi

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18 1	श्री सुनील कुमार पाण्डेय, पिता श्री बिश्वनाथ पाण्डेय, ग्राम तालबन्ना, पो0 +जिला साहेबगंज	बोरना	444/p,	0.8 0	03.09.08 to 07 year	Expir ed
18 2	श्री सुर्य कुमार मालतो, पिता श्री धरमु मालो, ग्राम सिमबेरी, पो0 बिन्दुधाम, जिला साहेबगंज	सिमबेरी	15/p16/p,18	2.0 0	12.08.08 to 10 year	Expir ed
18 3	में0 जगदम्बा स्टोन वर्क्स, पो0 श्री संजीव कुमार गुप्ता, पिता श्री नंदलाल भगत, ग्राम+पो0 बाकुडी, जिला साहेबगंज	चपाण्डे एवं गागोपा डा बेडो	211 to 218 221,225, 19p, 23p, 24p	16.5 1	26.05.08 to 10 year	Expir ed
18 4	में0 वाहिद शेख, पिता स्व0 वासेद शेख, ग्राम बिन्दुग्राम, पो0 बेनियाग्राम, जिला मुर्शिदाबाद, (पं0 बंगाल)	बुंदामाक ो	15/p,16/p,17	3.50	23.05.08 to 10 year	Expir ed
18 5	श्री राम इन्टरप्राईजेज, पिता- श्री शिव कुमार अग्रवाल, ग्राम+पो0 बरहरवा, जिला साहेबगंज	वादे पहाड़	3.4.5	16.3 5	07.06.03 to 10 year	Expir ed
18 6	में0 राम रहीम स्टोन वर्क्स, पो0 श्री महेन्द्र प्रसाद साह, पिता- श्री गंगाधर साह ग्राम धरमपुर, पो0 पतना, जिला साहेबगंज	बोरना	412/p,413/p,422, to 426	4.46	26.05.08 to 10 year	Expir ed
18 7	में0 शिव शक्ति स्टोन वर्क्स, पार्ट0 श्री शंकर सिंह, पिता- श्री गोबिंद प्रसाद सिंह, ग्राम+पो0 पतना, जिला साहेबगंज	बोरना	442/p,465/p	3.50	03.05.08 to 10 year	Expir ed
18 8	श्री देव स्टोन वर्क्स, पो0- श्री राजेश कुमार रौशन, पिता- श्री सुरेन्द्र देव, मु0- बड़ागोबिंद, पो0+धाना- बारा	बोरना	273,299,417 to 422,432,433	8.8 6	03.08.06 to 10 year. Lease Transfer by the order of DC. Dated 15.09.11	Expir ed

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State Level Environment Impact Assessment Authority  
Jharkhand, Ranchi

DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE), EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



	चकिया, जिला- मोतिहारी।					
18 9	में० एस० एस० इन्टरप्राईजेज, प्रो० मो० असरुल हक, पिता स्व मो० हसन, ग्राम झिकटिया रोड, पो० बरहरवा, जिला साहेबगंज	बोरना	468/p,469/p	4.10	28.08.06 to 10 year	Expir ed
19 0	सर्वश्री देव स्टोन वर्क्स, पार्ट०- श्री राजेश कुमार रौशन, पिता- श्री सुरेन्द्र देव, मु०- बड़ागोबिंद, पो०+थाना- बारा चकिया, जिला- मोतिहारी।	बोरना	427/p,429,430, 431	4.38	09.07.07 to 10 year	Expir ed
19 1	में० गौरी स्टोन वर्क्स, हस्ता० में० ए० आर० के० निरमन प्र० लि०, निदेशक, कृष्ण कुमार साहा, मु०+पो०-जामपुर, जिला- साहेबगंज	बोरना	201/p,202,203, 216,217/p,218, 219/p	6.75	02.11.06 to 10 year	Expir ed
19 2	श्री हरेनाथ गुप्ता, पिता स्व० कुज बिहारी गुप्ता, ग्राम+पो०- बिशनपुर, जिला-साहेबगंज	बोरना	290/p,293,294/p, 295, 301 to 304 & 292/474	5.84	19.01.09 to 07 year	Expir ed
19 3	में० बजरंगबली स्टोन वर्क्स, प्रो० श्री प्रकाश केडिया, पिता- श्री मोहन केडिया ग्राम+पो० बरहरवा, जिला - साहेबगंज	गांगोपा ड़ा माको	22,23/p 25/p, 70 to 75	14.4 7	21.02.09 to 07 year	Expir ed
19 4	में० हंस स्टोन वर्क्स प्रो० श्री बिजय कुमार, पिता- श्री रामाधीन प्रसाद, ग्राम+पो०-बरहरवा, जिला- साहेबगंज	बोरना	70/p, 71	1.93	17.10.08 से 10 वर्ष	Expir ed

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DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER  
TILAM SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF  
JHARKHAND



19 5	में0 अंसारी स्टोन चक्र्स, प्रो0 मो0 शहबाज अंसारी, पिता- अरवाज अंसारी, ग्राम मझरजुटी, पो0 पतना, जिला साहेबगंज	गांगोपा डा बेडो	59 to 62 80/p,	6.30	16.10.08 से 7 वर्ष	Expir ed
19 6	श्रीमति जेफसिन किस्कू, पति-श्री टुला सोरेन, ग्राम गादीगंज, पो0 बरमसिया, जिला साहेबगंज	गांगोपा डा बेडो	25/p, 33/p, 34, 36, 37	6.91	27.06.09 से 7 वर्ष	Expir ed
19 7	श्रीमति सुसाना हेम्ब्रम, पति- श्री देवा सोरेन, ग्राम गादीगंज, पो0 बरमसिया, जिला साहेबगंज	गांगोपा डा माको	24/p, 25, 33/p	7.55	27.06.09 से 7 वर्ष	Expir ed
19 8	में0 ए0 के0 भगत एवं आर0 के0 प्रसाद भगत, पिता- स्व0 राम प्रसाद भगत, ग्राम+पो0 रतनपुर, पो0 बरहरवा, जिला साहेबगंज।	बोरना	256, 257, 263, 264/p, 265 to 267, 269p, 270, 274, to 278, 291/p, 471p, 475p	13.00	20.06.09 से 7 वर्ष	Expir ed
19 9	श्रीमति लक्ष्मी देवी, पति- श्री अरुण मंडल, मु0+पो0+थाना- राधानगर, जिला- साहेबगंज।	बोरना	35 to 38, 40 to 43 & 477	8.34	04.08.09 to 7 year	Expir ed
20 0	में0 ओम स्टोन चक्र्स, प्रो0 श्री ओम प्रकाश आर्य, पिता- स्व0 रघुवीर प्रसाद आर्य, ग्राम+पो0 बिशनपुर, जिला- साहेबगंज	बोरना	440/p	2.66	20.08.09 to 7 year	Expir ed
20 1	श्री राजकिशोर प्रसाद भगत, पिता- स्व0 राम प्रसाद भगत, ग्राम- रतनपुर, पो0- बड़हरवा, जिला- साहेबगंज।	बोरना	279, 280, 290/p, 292/p	3.71	26-08-95 to 10 year	Expir ed

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DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



20 2	में0 पूजा स्टोन वर्क्स, प्रो0- श्री संजीव सिंह, पिता- श्री हरिनारायण सिंह, ग्राम- नयाटोला, पो0- बड़हरवा, जिला- साहेबगंज	गुजराबे डो	56/p	2.92	01.04.10 to 7 years	Expir ed
20 3	में0 माँ भगवती स्टोन वर्क्स, पार्ट0- श्री गौतम कुमार साहा एवं अन्य, पिता- श्री शिव शंकर साहा, ग्राम+पो0 केलाबाड़ी, थाना- राधानगर, जिला- साहेबगंज।	चागजो	8,10,11p	5.0 0	17.04.10 to 7 years	Expir ed
20 4	श्रीमति तालामय मुर्मू, पति श्री लखन सोरेन, ग्राम-धोबीडीह, पो0- बरमसिया, थाना-बरहेट, जिला- साहेबगंज।	बांसपहा ड़	48,65/p,67/p	3.54	06.03.10 to 7-years	Expir ed
20 5	में0 आन्ददमयी स्टोन वर्क्स, प्रो0- प्रम प्रदीप मंडल, पिता- स्व0 उमेश चन्द्र मंडल, ग्राम-रतनपुर, पो0- बड़हरवा, जिला- साहेबगंज।	तेलो	11/p, 12/p	7.00	11.03.10 to 7 years	Expir ed
20 6	में0 ए0 आर0 जे0 स्टोन वर्क्स, प्रो0- मो0 आलमगीर, पिता- मो0 जिन्ना, ग्राम+पो0- पलासबोना, थाना- कोटालपोखर, जिला- साहेबगंज।	अमडंडा	210/p,211,212, 218	5.0 0	17.04.10 to 7 years	Expir ed
20 7	में0 जी0 एच0 स्टोन वर्क्स, पार्ट0- श्री हरिभक्तो घोष एवं अन्य, पिता- श्री जय राम घोष, ग्राम- बसंतपुर, पो0- जामपुर, थाना-बड़हरवा, जिला- साहेबगंज।	बोरना	427/p,440/p,447/p 451/p,453/p,450	5.72	12.01.10 to 7 years	Expir ed

  
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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND**



208	में0 शिवम स्टोन वर्क्स, प्रो0- राजकुमारी, पति- श्री सखी चंद लोहरा, ग्राम- तीलभीठा पो0- बिशनपुर, थाना-रांगा, जिला- साहेबगंज।	बड़ा पंचकुली	10	1.35	06.03.10 to 7 years	Expired
209	श्री राजेश कुमार चौबे, पिता श्री चंद्रमा चौबे, ग्राम झिकटिया पो0 बरहरवा, जिला साहेबगंज	बोरना	272,273,281, 282/p 284,	3.25	26.12.09 to 7 years	Expired
210	श्री राहुल कुमार, पिता- श्री भरत राम, ग्राम- रतनपुर, पो0- बड़हरवा, जिला- साहेबगंज	बोरना	437/P, 438/P, 439/P	4.00	14.05.10 to 7 years	
211	श्री श्यामल कुमार दास, ग्राम- चंडीपुर, पो0- बड़हरवा, जिला- साहेबगंज।	अम्बाडे	3/P, 15/P	3.50	14.05.10 to 7 years	Expired
212	में0 हिन्दुस्तान कंसट्रक्शन कम्पनी लिमिटेड, सम्पर्क प्रबंधक- श्री पी0 के बिष्णु, ग्राम- 9 सैयद अमीर अली एभैन्चु पो0- पार्क सर्कस, कोलकाता, पं0 बंगाल	बांस बेड़ा	2,3,5,6,7,8,9,10, 11,12,13	20.30	22.07.10 to 7 years	Expired
213	में0 हिन्दुस्तान कंसट्रक्शन कम्पनी लिमिटेड, सम्पर्क प्रबंधक- श्री पी0 के बिष्णु, ग्राम- 9 सैयद अमीर अली एभैन्चु पो0- पार्क सर्कस, कोलकाता, पं0 बंगाल	अमडंडा	87,88,175,176/p, 182,186,255/p, 181,178,179,180,183,187/263,188,189,191,182,193,194,196,264,195,256,177/p,185,190	21.68	22.07.10 to 7 years	Expired
214	में0 शिव गंगा स्टोन वर्क्स, प्रो0- श्री गंगा प्रसाद साहा, पिता- श्री मोतीलाल साहा, मु0- कोराडीह, पो0- लखीपुर, जिला- साहेबगंज।	बोरना	253, 254,285/p,	5.80	09.12.10 to 7 years	Expired

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21 5	में0 पाण्डे स्टोन वर्क्स, प्रो0- श्री गिरजानंद पाण्डे, मु0- तालबन्ना, पो0+थाना+जिला- साहेबगंज।	बोरना	443/p	1.63	21.01.11 से 07 वर्ष	Expir ed
21 6	में0 उर्मिला स्टोन वर्क्स, प्रो0- श्री सहजानंद सिंह, पिता- स्व0 आलम प्रसाद सिंह, मु0- तेलीपाड़ा, पा0-पतना, थाना- बड़हरवा, जिला- साहेबगंज।	अमडंडा	278, 279/p	3.0 0	18.02.11 से 7 वर्ष	Expir ed
21 7	में0 सिंह स्टोन वर्क्स, प्रो0- श्री तपन कुमार सिंह, पिता- रामनारयण सिंह, मु0- सब्जीमंडी रोड,, पा0+ थाना- बड़हरवा, जिला- साहेबगंज।	बुंदामाक ी	13	1.98	31.05.11 से 7 वर्ष	Expir ed
21 8	में0 ओम स्टोन वर्क्स, प्रो0 श्री ओम प्रकाश आर्य, पिता- स्व0 रघुबीर प्रसाद आर्य, ग्राम+पो0 बिशनपुर, जिला- साहेबगंज	बोरना	441 & 443/p	2.96	08.07.11 to 05 year	Expir ed
21 9	श्रीमति मीरु सोरेन, पति- श्री हेमलाल मुर्मू, मु0- घाट कुरवा, पो0+थाना+जिला- गोड़डा	बोरना	191,192, 234,235, 236	6.50	19.05.10 to 10 year	Expir ed
22 0	में0 माँ छिन्नमस्तिका स्टील इंडिया, प्राईवेट लिमिटेड, निदेशक- श्री प्रदीप भारद्वाज, पिता- श्री रामशरण बेलथरिया, मु0- 18/10 डोभरलेन, कोलकाता - 23	चागजो एवं बुंदा बडाघाट ी	4/p, 5, 7 & 3/p, 4,15,16, 18	11.9 5	03.08.11 to 07 year	Expir ed
22 1	में0 डी0 बी0 स्टोन वर्क्स, पार्ट0 श्री बिनय कुमार भगत, पिता- श्री राम कृपाल भगत, एवं श्री दिलीप गुप्ता, ग्राम+पो0	संसारी	34/p	5.41	26.04.2000 to10 year	Expir ed

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DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE), EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



	बरहरवा, जिला साहेबगंज					
22 2	मो० जाह्द अंसारी पिता मो० रईश, ग्राम-तेतरिया, पो० मिर्जाचौकी, जिला-साहे बगंज।	छोटा दामिनभ ीठा	56/P, 57/P	5.32	26.06.09 से 7 वर्ष	Expir ed
22 3	सर्वश्री सन्नी स्टोन वर्क्स पार्ट० श्री अमित कुमार मालतो एवं अन्य, पिता स्व० चुलवा पहाड़िया ग्राम दामिनभीठा, पो० मिर्जाचौकी जिला साहेबगंज	दामिनभ ीठा	1/p, 5/p, 33/p 183/p, 184/p, 186p	10.0 0	22.06.09 से 7 वर्ष	Expir ed
22 4	सर्वश्री देव स्टोन वर्क्स पार्ट० श्री अमित कुमार मालतो एवं अन्य, पिता स्व० चुलवा पहाड़िया ग्राम दामिनभीठा, पो० मिर्जाचौकी जिला साहेबगंज	मुंडली	60/p, 61/p	9.0 0	22.06.09 से 7 वर्ष	Expir ed
22 5	श्री बिनोद कुमार जायसवाल पिता स्व० श्यामलाल जायसवाल ग्राम नीमगाछी, पो० मिर्जाचौकी जिला साहेबगंज।	भूतहा	75/p	3.0 0	23.10.08 से 7 वर्ष	Expir ed
22 6	श्री प्रधान मुर्मू एवं अन्य पिता- स्व० दारा मुर्मू ग्राम- बड़तल्ला, पो० मिर्जाचौकी, जिला साहेबगंज।	भूतहा	73/p	4.0 0	20.01.'09 से 7 वर्ष	Expir ed
22 7	श्री राजेन्द्र प्रसाद चौधरी पिता- श्री सूर्य	भूतहा		3.0 0	07.09.07 से 10 वर्ष	Expir ed

*(Signature)*  
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DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE), EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



	नारायण चौधरी मिर्जाचौकी, जिला-साहेबगंज					
22 8	में0 नीलकंठ पत्थर उद्योग पार्ट0 श्री निवास चन्द्र यादव, पिता- श्री मधुसूदन यादव, ग्राम- तलबन्ना, जिला-साहेबगंज।	मारीकुट ी	45,71,73 to 77, 79,81	5.09	23.05.2008 से 10 वर्ष	Expir ed
22 9	में0 के0 जी0 एन0 स्टोन वर्क्स प्रो0- मो0 जाहिद, पिता- मु0 रईश ग्राम-तेतरिया, पो0-मिर्जाचौकी साहेबगंज।	छोटा दामीनभ ीठा	56/P, 57/P	4.0 0	24.04.2008 से 10 वर्ष	Expir ed
23 0	श्री शंभु नाथ भगत, पिता-स्व0 बन्नी नाथ भगत, ग्राम+पो0- मिर्जाचौकी, साहेबगंज।	भुतहा	80/p	3-50	21.08.08 से 10 वर्ष	Expir ed
23 1	में0 ममता स्टोन वर्क्स, पार्ट0 श्री अमित कुमार मालतो, पिता- स्व0 चुलवा पहाड़िया, ग्राम-दामीनभीठा, मिर्जाचौकी, साहेबगंज	छोटा दामीनभ ीठा	58/p,59/p, 60/p	4.0 0	02.08.08 से 10 वर्ष	Expir ed
23 2	श्री अमरनाथ यादव पिता-श्री अर्जुन यादव ग्राम+पो0- महादेवगंज, साहेबगंज	डेम्बा	8/P,11/P, 12/P	3-58	16.10.2006 से 10 वर्ष	Expir ed
23 3	श्री अमरनाथ यादव,पिता-श्री अर्जुन यादव, ग्राम+पो0- महादेवगंज, साहेबगंज।	जोकमार ी	210/P, 212/P, 218/P	4.0 0	26.06.06 से 10 वर्ष	Expir ed
23 4	सर्वश्री जय माँ भवानी स्टोन वर्क्स पार्ट0 श्री विकास कुमार गुप्ता एवं अन्य, पिता श्री बिश्वनाथ गुप्ता ग्राम-महादेववरण,	बेलभद्री	178/p, 179/p	3.0	04.10.08 से 7 वर्ष	Expir ed

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DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE), EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



	पो० मिर्जाचौकी, जिला-साहेबगंज।					
23 5	श्री सुनील कुमार यादव ग्राम-सोभनपुर भट्टा,साहेबगंज।	करम्बों	26	1.00	20.02.2006 से 10 वर्ष	Expir ed
23 6	में० राम जानकी स्टोन वर्क्स, प्रो० श्री अनुप कुमार गुप्ता, मु०- सुडमारा, जिला- गोड्डा	बनचप्पा	295,296, 313/P,317	3.0 0	08.01.2008 से 10 वर्ष	Expir ed
23 7	सर्वश्री शोभा ट्रेडर्स, पार्ट० श्री पिन्दु कुमार, पिता श्री रंजीत महतो एवं अन्य, श्री सनातन राय, ग्राम- खंडपर, पो०+जिला- शेखपुरा, (बिहार)	चुबे	24,25,26/p, 31	4.0 0	24.02.09 से 07 वर्ष	Expir ed
23 8	पार्ट० श्री अनिल यादव, पिता- श्री रामवृक्ष यादव एवं अन्य, ग्राम+पो०-महादेवगंज, साहेबगंज	जोकमार ी	59/p,60/p	3.0 0	04.02.09 से 07 वर्ष	Expir ed
23 9	में० के० जी० एन० स्टोन वर्क्स प्रो०- मो० जाहिद, पिता- मु० रईश ग्राम-तैतरिया, पो०-मिर्जाचौकी साहेबगंज।	छोटादा मीन भीठा एवं भूताहा	57/P, & 77	5.32	24.06.09 से 07 वर्ष	Expir ed
24 0	में० ताज स्टोन वर्क्स, प्रो०- मो० जहांगीर, पिता मो० अकबर, ग्राम- अंजुमन नगर, पो०- महादेवगंज, थाना- मुफसील, जिला-साहेबगंज।	करम्बों	16/p	1.00	06.08.09 से 07 वर्ष	Expir ed

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DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



24 1	में0 करम्बी स्टोन वर्क्स, प्रो0- मो0 एहतेशाम, पिता- स्व0 अब्दुल सलाम, ग्राम- अंजुमन नगर, पो0- महादेवगंज, थाना- मुफसील, जिला-साहेबगंज।	करम्बों	13/p,16/p	3.0 0	06.08.09 से 07 वर्ष	Expir ed
24 2	में0 दुर्गा स्टोन वर्क्स, प्रो0- श्री मनोज कुमार महतो, पिता- स्व0 शिव कुमार महतो, ग्राम- नीमगाछी, पो0+थाना- मिर्जाचौकी, साहेबगंज।	मुंडली	13/p	2.50	12.08.09 से 07 वर्ष	Expir ed
24 3	मो0 यासीन अंसारी पिता अब्दुल हलीम, ग्राम-रामनगर, पो0 मिर्जाचौकी, जिला-साहेबगंज	बेलभद्री	214/p	2.0 0	27.07.09 से 07 वर्ष	Expir ed
24 4	श्री मुकेश यादव, पिता- श्री परमानंद यादव, ग्राम हसनगंज, पो0- कासीम बाजार, जिला- मुर्गेर	जोकमार ी	38/p,44/p, 45/p, 49p	11.0 0	27.07.09 से 07 वर्ष	Expir ed
24 5	में0 हिन्दुस्तान स्टोन वर्क्स, पार्ट0- मो0 जाहिद एवं अन्य, पिता-मो0 रईश, ग्राम-तेतरिया, पो0- मिर्जाचौकी, जिला- साहेबगंज	छोटा दामिनभ ीठा	78,79,80/p,73p, 58p	8.55	09.09.09 से 7 वर्ष	Expir ed
24 6	में0 मों स्टोन वर्क्स, प्रो0- श्री रतन कुमार साह, पिता- श्री गोपाल प्रसाद साह, ग्राम- जे0 एन0 राय रोड, पो0+जिला- साहेबगंज।	देशी पोखरिय ी	73/p, 74/p, 75/p	3.0 0	06.02.10 से 7 वर्ष	Expir ed
24 7	में0 करण स्टोन वर्क्स, पो0- श्री दारा सिंह यादव, ग्राम+पो0-	जोकमार ी	84/p, 430/p, 421/p		26.12.09 से 7 वर्ष	Expir ed

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DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE) / EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



	महादेवगंज, जिला-साहेबगंज।					
248	श्री सुनील भगत, पिता- स्व० कृष्णा भगत, ग्राम+पो०-मिर्जाचौकी, जिला- साहेबगंज।	छोटा दामिनभोठा एवं भुतहा	61/p,118,119,120,121,124	8.68	26.12.09 से 7 वर्ष	Expired
249	में० कृष्णा इन्डो, प्रो० श्री भोला यादव, पट्टा हस्ता० ग्रहिता में० जय बजरंगबली स्टोन वर्क्स प्रो०- श्री अमित कुमार यादव, ग्राम+पो०- मांझीकोला, जिला- साहेबगंज।	मरीकुटी	51/p	4.00	14.10.07 से 10 वर्ष पट्टा ह० 18.05.09	Expired
250	में० शिवा स्टोन वर्क्स, पार्ट०- श्री प्रदीप मिश्रा, एवं अन्य, पिता- श्री लक्ष्मण मिश्रा, ग्राम- नाढ़ी दियरा, पो०-गंगाप्रसाद, जिला- साहेबगंज।	चूबे	84/p,85/p,86/p	3.65	12.04.10 से 7 वर्ष	Expired
251	में० जय माँ तारा स्टोन वर्क्स, पार्ट०- श्री विकास कुमार गुप्ता, पिता- श्री बिबेशनाथ गुप्ता, ग्राम- महादेववरण, पो०-मिर्जाचौकी, जिला- साहेबगंज।	छोटा दामिनभोठा	61/p	3.00	09.09.09 से 7 वर्ष	Expired
252	में० यशराज ब्लैक स्टोन, प्रो०- श्री बजरंगी प्रसाद यादव, पिता- श्री अर्जुन यादव, ग्राम- भरतीया कालोनी, पो०+जिला-साहेबगंज	जोकमारी	207,206/p,204/p, 205,186,213,228,220,221,216,224,225,226,181,191,190,189, 188,187,182,10 185,214	38.18	17.04.10 से 7 वर्ष	Expired
253	पार्ट०- श्री धरमा पहाड़िया, पिता- स्व० मैसा पहाड़िया, ग्राम- बेलभद्री, पो०+थाना-	बेलभद्री	180, 190/P, 193	4.0	23.10.10 to 7 year	Expired

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	मिर्जाचौकी, जिला-साहेबगंज।					
25 4	में० मुमताज स्टोन, प्रो०- में० मुमताज अंसारी, पिता- स्व० रज्जाक अंसारी, ग्राम- तेतरिया, पो०+थाना-मिर्जाचौकी जिला-साहेबगंज।	पकरिया	241 to 246 & 248/p	15.0 0	03.10.10 to 7 year	Expir ed
25 5	में० ब्लैक स्टोन वर्क्स, प्रो०-मो० वहावउद्दीन, पिता- स्व० मो० सहावउद्दीन, ग्राम-एल० सी० रोड, पो०+थाना-जिला-सा हेबगंज।	जानीभी ठा	345 to 349 & 363, 364	10.9 0	24.07.10 to 7 year	Expir ed
25 6	में० अशोका इंजिनियरिंग स्टोन वर्क्स, प्रो०- श्री अशोक कुमार सिंह, पिता- श्री ब्रह्मदेव सिंह, मु०+पो०+थाना- मिर्जाचौकी, जिला- साहेबगंज।	दामिनभ ठी	1,2,7,8,13/p, 9/p	3.18	10.11.10 to 7 year	Expir ed
25 7	में० जयश्री स्टोन वर्क्स, पार्ट०- श्री गौतम कुमार ओझा, पिता- श्री राजनारायण ओझा, मु०- गांधीनगर, पो०+थाना- मिर्जाचौकी, जिला- साहेबगंज।	दमरामा को	4,7/p,26	12.5 0	21.10.10 to 7 year	Expir ed
25 8	श्री राम सवारे तिवारी, पिता- श्री सुर्यनारायण तिवारी, मु०-पो०+थाना मिर्जाचौकी, जिला- साहेबगंज।	सुंदरे	100/p,102, 103,105,106/p, 107/p,108, 109/p, 111, 114,116, & 117/p	15.8 3	13.01.11 to 7 year	Expir ed

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259	श्री तारकेश्वर जयसवाल, पिता श्री श्यामलाल जयसवाल, ग्राम-नीमगाछी, पो0 मिर्जाचौकी, साहेबगंज।	गिलामारी	14/p,23/p,24	5.34	18.02.11 से 07 वर्ष	Expired
260	में0 नुरानी एण्ड ब्रदर्स प्रो0- मो0 शमीरउदीन, पिता- स्व0 अब्दुल रज्जाक, ग्राम- तेतरिया, पो0+थाना- मिर्जाचौकी, जिला-साहेबगंज।	रोहडे	21,23,24,26, 27/p,28/p,29/p & 67/p	5.00	13.01.11 to 7year	Expired
261	में0 पार्वती स्टोन वर्क्स, पाट0- श्री शिवलाल पहाड़िया, एवं अन्य, पिता- श्री धरमा पहाड़िया, ग्राम- बेलभद्री, पो0+थाना- मिर्जाचौकी, जिला-साहेबगंज।	मुंडली एवं बेलभद्री	53/p & 183/p	2.78	01.06.11 to 7year	Expired
262	श्री रवि शंकर सिन्हा, पिता- श्री अवध किशोर राम, ग्राम-रिफातपुर, पो0- पीरपैती, भागलपुर।	चुबे	10,11/p, to 14/p, 15,16,17, 19 to 22 & 26/p	9.00	10.08.11 से 7 वर्ष	Expired
263	में0 बिरसा मुण्डा स्टोन माईन्स, पार्ट0- श्री अरुण कुमार सिंह, पिता- स्व0 सकलदीप मंडल, मु0- हबीबपुर, पाईप रोड, पो0+थाना+जिला- साहेबगंज।	सुंदरे	119/p, 128/p & 130/p	5.29	14.12.11 से 7 वर्ष	Expired
264	में0 लक्ष्मी स्टोन वर्क्स, प्रो0- श्री विकास कुमार, पिता- श्री केशव प्रो यादव, ग्राम+पो0- महादेवगंज, जिला-साहेबगंज	डेम्बा	14p,15p,16p	3.30	04.01.2012 से 7 वर्ष	Expired

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DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



265	में0 यशराज ब्लैक स्टोन, प्रो0- श्री बजरंगी प्रसाद यादव, पिता- श्री अर्जुन यादव, ग्राम- भरतीया कालोनी, पो0+जिला-साहेबगंज	डेम्बा	11p,12p, 13p,19 to 33	11.57	23.12.11 से 7 वर्ष	Expired
266	में0 शिव स्टोन वर्क्स, पार्ट0- पार्ट0- मो0 जाहिद, पिता- मो0 रईश, ग्राम+पो0- मिर्जाचौकी, जिला-साहेबगंज	भूताहा	143,147/p, 149 & 151	6.47	04.01.2012 से 7 वर्ष	Expired
267	में0 एफ0 ए0 स्टोन वर्क्स, पार्ट0- श्री संजय जायसवाल, पिता- स्व0 जगदीश प्र0 जायसवाल, ग्राम+पो0- मिर्जाचौकी, जिला-साहेबगंज	भूताहा	135p & 150	12.00	04.01.2012 से 7 वर्ष	Expired
268	पार्ट0- मो0 शमीरउददीन, पिता- मो0 रज्जाक, ग्राम+पो0- मिर्जाचौकी, जिला-साहेबगंज	दमरा दामिन भीठा	9/p, 10/p, 14/p, 15/p & 37/p	9.60	04.01.2012 से 7 वर्ष	Expired
269	में0 पिकसी स्टोन वर्क्स, प्रो0- पिकसी रैयना बलमुचु, पिता- श्री पी0 के0 बालमुचु, द्वारा- श्री एस0 के0 गुहा, मु0- नेताजी सुभाष कालोनी, साहेबगंज।	सुदरें	44/p, 120,121/p 122/p,123/p & 125/p	5.44	21.12.11 से 07 वर्ष	Expired
270	मो0 फरसाद, पिता- मो0 इदरीस, मु0- छोटी कोदरजन्ना, पो0- गंगा प्रसाद, थाना- साहेबगंज (मु0), जिला- साहेबगंज एवं अन्य	देशी पोखरिय I	73/p, 77p, 79/p, 83/p & 100	3.34	08.07.11 to 7 year	Expired
271	श्री कुंदन कुमार, पिता- श्री बिजय मंडल, मु0- इन्दाय	बेलभद्री	20/p, 85 & 173	8.94	30.08.11 to 7 year	Expired

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DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



	पो0+थाना+ जिला- शेखपुरा।					
27 2	में0 साईराम इन्टरप्राईजेज, पार्ट0- श्री सुजीत कुमार सिंहा, पिता- रामप्रति सिन्हा, मु0- आरतीकुंज, आनन्दपुरी कालोनी, सदर ब्लौक के नजदीक, हजारीबाग।	देश पोखरिय । एवं मारीकुट ी	91/p,92 to 96, 97/p, 98,99/p & 15,16,168 & 169	11.8 3	20.09.11 to 10 year	Expir ed
27 3	श्री अशोक कुमार भगत, पिता- श्री बिन्देश्वरी भगत, ग्राम+पो0+थाना- मिर्जाचौकी, जिला- साहेबगंज।	छोटा दामिनभ ीठा	18/p, 23/p,24/p	8.95	29.10.11 to 07year	Expir ed
27 4	में0 शिव स्टोन वर्क्स, पार्ट0- योगन्द्र कुमार राय एवं अन्य, पिता- मु0- जगतपुर, जिला-बांका	डेम्बा	81p, 83p, 77p,	6.0 0	11.12.10 to 7 year	Expir ed
27 5	श्री शेष नाथ यादव, पिता- स्व0 जग्गी यादव, मु0+पो0 महदेवगंज, जिला- साहेबगंज।	गुट्टीबेड़ा	53p	1.01	12.10.09 to 7 year	Expir ed
27 6	में0 संत स्टोन वर्क्स, प्रो0-श्री शेष नाथ यादव, पिता- स्व0 जग्गी यादव, मु0+पो0 महदेवगंज, जिला- साहेबगंज।	गुट्टीबेड़ा	53p, 54p,55p,60p	2.43	12.10.09 to 7 year	Expir ed
27 7	में0 जय झारखंड स्टोन वर्क्स, प्रो0- खकानुल हक, पिता- मो0 शमसुल हक, मु0+पो0- छोटी कोदरजाना, जिला- साहेबगंज।	जानी	119, 121p	2.50	09.09.09 to 7 year	Expir ed
27 8	में0 एस0 पी0 स्टोन वर्क्स, पार्ट0- श्री प्रेम शंकर सिन्हा, पिता- श्री अवध किशोर राम, ग्राम- रिफायत,	जानी  जिला	128/p, 200, 199,201, 202,203/p, 188,198 176, 184, 186 etc	15.0	26.10.10 to 7 year	Expir ed

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	पो०+थाना- पीरपैती जिला-भागलपुर।					
27 9	श्री कमलेश्वरी मंडल, पिता- श्री भुषण मंडल, ग्राम- हाजीपुर पो०-मिर्जाचौकी, जिला-भागलपुर।	भूतहा	61p, 63p	3.0 0	09.12.10 to 7 year	Expir ed
28 0	अब्दुल फतह, सुनीता मुर्मू, ग्राम- कुलीपाड़ा, पो०+जिला- साहेबगंज।	पचरुखी	44,119	6.0 0	24.07.10 to 7 year	Expir ed
28 1	सर्वश्री सिंह एण्ड यादव स्टोन वर्क्स, प्रो०- श्री रामदरश यादव, पिता- स्व० सुरेश यादव, मु०+पो०- महादेवगंज।	जोकमार ी गुट्टीबेड़ा	128p,129, 130, & 316p	8.0 0	25.01.12 to 7 year	Expir ed
28 2	श्री गौतम कुमार सिंह, पिता- श्री केदार सिंह, मु०+पो०- बड़ी कोदजन्ना, जिला- साहेबगंज।	चूबे	36, 37	2.13	28.08.10 to 7 year	Expir ed
28 3	में० स्वास्ति स्टोन चिप्स प्रो०- श्री चौधरी रजनीष पिता- श्री जगदीष चन्द्र चौधरी भरतीया कोलनी, साहेबगंज।	लोहण्डा बेडो	47/P	3.0 0	05.12.2006 से 10 वर्ष	Expir ed
28 4	श्री सुनील कुमार सिंह पिता- श्री दिलीप कुमार सिंह ग्राम-छोटा पांचगढ़, साहेबगंज	लोहण्डा बेडो	26/p	3.0 0	08.11.2007 से 10 वर्ष	Expir ed
28 5	सर्वश्री ब्लैक डायमंड स्टोन वर्क्स पार्ट० मो० आरिफ जाफर, पिता- मो० जफर महमूद,	लोहण्डा बेडो	24/p, 25 /p	1.50	28.08.06 से 10 वर्ष	Expir ed

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	एल0 सी0 रोड, साहेबगंज					
28 6	श्री अरुण कुमार साव पिता- श्री लखन साव एन0 सी0 46 पुलिस कोलनी, सी0 क्वार्टर साहेबगंज	लोहण्डा बेडो	6/p	2.0 0	06.09.08 से 07 वर्ष	Expir ed
28 7	श्री अनुपम कुमार पिता- श्री सुखदेव दास मु0+पो0- बड़ा लोहण्डा, जिला- साहेबगंज।	लोहण्डा बेडो	16/p	4.0 0	21.08.08 से 07 वर्ष	Expir ed
28 8	सर्वश्री ब्लैक डायमंड स्टोन वर्क्स पार्ट0 मो0 आरिफ जाफर, पिता- मो0 जफर महमूद, एल0 सी0 रोड, साहेबगंज	लोहण्डा बेडो	24,25/p	3.30	07.03.08 से 10 वर्ष	Expir ed
28 9	में0 मॉ तारा माईन्स, पार्ट0- श्री त्रिलोक नाथ ओझा, पिता- स्व0 रामशंकर ओझा, ग्राम- पुरानी साहेबगंज, पो0+जिला-साहेबगंज ।	लोहण्डा बेडो	07/p	4.0 0	06.02.10 से 7 वर्ष	Expir ed
29 0	मे0 मदीना स्टोन वर्क्स पार्ट0- मो0 अब्दुल्ला, पिता- स्व0 हाफीज जैनुल आबेदिन ग्राम+पो0- मदनषाही, साहेबगंज	तेतरिया	81/P, 86/P	4.0 0	25.04.2006 से 10 वर्ष	Expir ed
29 1	श्री गौरव कुमार चौधरी पिता- श्री परमानंद चौधरी	अद्रोबेडो	3P	1.00	09.07.2007 से 10 वर्ष	Expir ed



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	शात्री नगर, साहेबगंज।						
29 2	में0 ओम नमः शिवाय स्टोन वर्क्स, पार्ट0- श्री सुनील शर्मा, पिता- श्री स्व0 मदनलाल शर्मा, ग्राम- भरतिया रोड, पो0+ थाना+ जिला- साहेबगंज।	आद्रोबेड 1	4/p	3.0 0	18.02.11 से 7 वर्ष	Expir ed	
29 3	सर्वश्री राम स्टोन वर्क्स, प्रो0- श्री दिनेश प्रसाद मंडल, पिता- श्री डोमन मंडल, ग्राम+पो0- बड़ा जिरवाबाड़ी, थाना- बोरियो, जिला- साहेबगंज।	आद्रोबेड0	3/p	2.0 0	10.08.11 से 7 वर्ष	Expir ed	
29 4	श्री राम देव मंडल, पिता- स्व0 कार्तिक मंडल, ग्राम+पो0- बड़ा जिरवाबाड़ी, थाना- बोरियो, जिला- साहेबगंज।	आद्रोबेड0	3/p	1.00	14.07.11 से 5 वर्ष	Expir ed	
29 5	श्री मोहन यादव एवं अन्य मु0- जिरवाबाड़ी, थाना- बोरियो, जिला- साहेबगंज।	आद्रोबेड0	4	4.0 0	21.01.11 से 7 वर्ष	Expir ed	
29 6	में0 झारखंड मिनरल्स प्रो0- मो0 रब्बुल अंसारी, पिता स्व0 अबुराम अंसारी, ग्राम-छोटा पांगड़ो, पो0-मदनघाही, जिला-साहेबगंज।	मीरापाड 1	101/P	2.0 0	08.06.2007 से 10 वर्ष	Expir ed	
29 7	सर्वश्री कोहितुर माईनिंग पार्ट0 मो0 अशराफूल होदा एवं अन्य पिता मो0 सरफूल होदा	मीरापाड 1	124/p	3.50	26.05.08 से 10 वर्ष	Expir ed	

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	ग्राम मजहरटोला, साहेबगंज					
29 8	में0 गुरुदेव स्टोन वर्क्स, प्रो0 श्री सत्येन्द्र कुमार मिश्रा, पिता श्री कासता नाथ मिश्रा, साउथ कोलनी, साहेबगंज	घोधीमा को	71/P	2.0 0	25.09.07 से 10 वर्ष	Expir ed
29 9	सर्वश्री पी0 एल0 स्टोन वर्क्स प्रो0 श्री रमेश कुमासर गुप्ता पिता डा0 लक्ष्मण प्रसाद ग्राम चौधरी कोलनी, साहेबगंज	घोधीमा को	13/p	2.0 0	08.03.08 से 10 वर्ष	Expir ed
30 0	में0 लख्की स्टोन वर्क्स, प्रो0 श्री मनोज कुमार, पिता- श्री महावीर लाल पंडित, ग्राम- एन0 एस0 कालोनी, पो0+जिला- साहेबगंज।	घोधीमा को	13/p	2.0 0	26.12.09 से 7 वर्ष	Expir ed
30 1	श्री बंशीधर यादव, पिता- स्व0 चन्द्रिका यादव, ग्राम- छोटा जिरवाबाड़ी, पो0-चानन, जिला- साहेबगंज।	घोधीमा को	04/p		06.02.10 से 7 वर्ष	Expir ed
30 2	श्री राम किशुन मंडल, पिता- श्री दुखु मंडल, ग्राम- प्रेमनगर, पो0- जिरवाबाड़ी, जिला- साहेबगंज।	घोधीमा को	8/p	2.0 0	23.03.10 से 7 वर्ष	Expir ed
30 3	में0 आत्मा स्टोन वर्क्स, पार्ट0- श्री मिथिलेस कुमार,पिता- श्री कामेश्वर प्रसाद ग्राम- शांतिनगर, पो0+थाना+जिला- साहेबगंज।	कारी	163	3.0 0	11.02.11 से 07 वर्ष	Expir ed

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304	श्री कमल किशोर साह, पिता- श्री हीरालाल साह, ग्राम- नया सड़क, पो0+थाना+जिला- साहेबगंज।	कारी	170/p	4.00	08.10.09 to 7 year	Expired
305	सर्वश्री आत्मा स्टोन वर्क्स, पार्ट0 श्री मिथलेश कुमार एवं अन्य, पिता- , ग्राम- शांति नगर, पोखरियापो0- थाना- बोरियो, जिला- साहेबगंज।	कारी	163	3.00	11.02.11 से 7 वर्ष	Expired
306	में0 आर0 डी0 सिंह एण्ड डी0 एन0 सिंह कम्पनी, पार्ट0-श्री सचिदानंद सिंह एवं अन्य, पिता- स्व0 बैकढ नाथ सिंह, ग्राम- पड़रिया, पो0 तीन पहाड़, जिला- साहेबगंज।	कारीगुनया	170/p	4.00	01.04.10 से 7 वर्ष	Expired
307	श्री गौतम कुमार सिंह, पिता- श्री कंदार प्रसाद सिंह, ग्राम+पो0- बड़ी कोदरजन्ना, थाना- साहेबगंज मुफसील, जिला- साहेबगंज।	चुबे	36.37	2.13	28.08.10 से 07 वर्ष	Expired
308	में0 बाबा प्रोजेक्टस प्र0 लि0, पार्ट0- श्री राजीव कुमार, पिता- स्व0 विश्वनाथ यादव, 2 के0/74 बरियातु हाउसिंग कालोनी, रांची।	चोटरोगेगा	38/p,41/p,48/p,46/p,50/p,51/p,52/p&53/p	20.00	30.03.11 जव 7 लमत	Expired
309	में0 सी0 एस0 आर0 कंस0 पार्ट0- श्री चल्ला नागेश्वर राव, पिता- कोनडेया, मु0+पो0+थाना- ओगरु पाड़ा, जिला- प्रकाशम, (आंध्रप्रदेश)	बिन्दीबंदर कोला	718/p	5.00	01.06.11 से 7 वर्ष	Expired

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310	में0 स्टेड ट्रेडर्स प्रा0 लि0 एण्ड एसोसियेट, निदेशक- श्री नवीन महेश्वरी, पिता- श्री अशोक कुमार महेश्वरी, 16 गणेश चन्द्र एवेन्यु, गंधी हाउस, तीसरी मंजिल, कोलकाता	बांसपहाड़	62,63 & 64	4.55	02.04.11 से 10 वर्ष	Expired
311	श्रीमति नाजनीन बीबी, पति- मो0 नजरुल इस्लाम, मु0+पो0- बरहेट, साहेबगंज।	मरगाड़ो	106/p	5.00	21.08.08 से 7 वर्ष	Expired
312	में0 ताज स्टोन वर्क्स, प्रो0- मो0 अफसर अली, पिता- स्व0 सैयद अली, ग्राम- चंदोर, पो0-बागडोगरा, जिला- मुर्शिदाबाद।	धातापाड़ा	342,343, 350, 351,352, 138, 439, 441 to 444	5.51	14.10.07 से 10 वर्ष	Expired
313	श्री भगवान दास, पिता- श्री ठाकुर दास, ग्राम+पो0+जिला- पाकुड़।	धातापाड़ा	319/p,320/p,321/p,326/p,327/p, 333/p & 334	5.00	30.06.10 से 05 वर्ष,	Expired
314	श्री अनिकुल इस्लाम, पिता- स्व0 अब्दुल हामिद, मु0- गौहालबाड़ी, पो0- कुली, जिला- मुर्शिदाबाद।	धातापाड़ा	448,449,458,461, 462,464,	3.12	13.01.11 से 07 वर्ष	Expired
315	मो0 बदरुल शेख,पिता- सुभान शेख, पो0- बेनियाग्राम	धातापाड़ा	360/p,384 to 393, 404/p & 405	4.15	19.02.11 to 31.08.11	Expired
316	गौलाम किवरिया बिश्वास, पिता-स्व0 फजलूर रहमान, मु0- मोजामपुर, पो0- हारुचौक, जिला- मालदा।	धातापाड़ा	363,364,371/p, 372,373/p,376/p, 379,383, 394,395, 396, 397, 398/p, 399	3.88	21.10.10 to 7 year	Expired
317	में0 क्वालिटी स्टोन प्रोजेक्ट, प्रो0- श्री अमनदीप सिंह, पिता-	धातापाड़ा एवं फतेहपुर	424 to 433, 629, 630, 637 & 668	7.05	15.10.12 से 10 वर्ष	Expired

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	स्व० कुलदीप सिंह, ग्राम+पो०+ जिला- पाकुड़।					
31 8	में० गंगा एण्ड कुमार स्टोन वर्क्स, प्रो०- श्रीमति रिकु कुमारी, पति- श्री सुनील कुमार, मु०- रतनपुर, जिला- बेगूसराय।	पिपलज ोड़ी	394 to 400	5.0 0	02.07.12 से 06 वर्ष	Expir ed
31 9	श्री सुनील कुमार, पिता- श्री हसनत राय, ग्राम+पो०- धधका, थाना- आसनशोल, जिला- वर्द्धमान, पो ७०	अमडंडा	272 to 275 & 271/p	7.85	28.03.10 to 7 years	Expir ed
32 0	मो० फारुख शेख, पिता- वासेद शेख, ग्राम- ब्राह्मणग्राम, पो०- नयनसुख, जिला- मुर्शिदाबाद।	मयूरको ला	790, 791, 795, 796, 797/p	4.13	19.01.09 से 7 वर्ष	Expir ed

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### 3. GENERAL PROFILE OF THE DISTRICT

#### 3.1 General Information:

Sahibganj district is one of the twenty-four districts of Jharkhand state, India, and Sahibganj is the administrative headquarters of this district. The district is located in the north eastern most tip of Jharkhand State. Sahibganj district is bounded by the river Ganges and Katihar district of Bihar in the north on the south Pakur district of Jharkhand, on the east by Maldah and Murshidabad district of West Bengal and on the west by Godda district. The district is situated roughly between 25° 50' 00" North and 24° 42' 52" North latitude and 87° 27' 35" East and 87° 53' 56" East longitude, having an area of 1599 km<sup>2</sup>. The district covers Survey of India toposheets nos. 72 O/ 7, 72 O/ 8, 72 O/ 11, 72 O/ 12, 72 O/ 16, 72 P/5, 72 P/ 9, 72 P/10, 72 P/13 and 72 P/14. The district has a total population of 1,150,567 with a population density of 558/km<sup>2</sup> having sex ratio of 952 (Census 2011).

The district of Sahibganj lies approximately between 24°42' North and 25°21' North latitude and between 87°25' and 87°54' east longitude. Sahibganj is the administrative headquarter of the district and situated on the bank of the river Ganges at 25°15' north latitude and 87°38' east longitude . The geographical area of the district is 1599.00 sq. km..

The Sahibganj District is surrounded by following districts of Jharkhand Bihar and West Bengal:

- North: River Ganges and district of Katihar (Bihar)
- East: Maldah and Murshidabad (West Bengal)
- South: Godda (Jharkhand)
- West: Bhagalpur and Godda districts. (Jharkhand and Bihar)

A large part of the district is hilly. The vast tract of land enclosed between hill ranges had been assigned a name- Damin-I-koh, which is a Persian word means Skirts of the hills. The region on the bank of the Ganges is fertile and richly cultivated. The district may be divided into two natural divisions on the basis of its geographical location and cultivable land.

First region consists of Borio, Mandro, Barhait, Pathna and Taljhari blocks and lies under Damin-I-koh area. The hills and slopes are covered with forests, once dense but scanty now. The valleys have cultivable lands, yielding mostly paddy. The inhabitants of this region are generally Paharias, Mal Paharias and Santhals. The inhabitants on the hill top cultivate Barbatti and maize using rain water.

The second region consists of Sahibganj, Rajmahal, Udhwa and Barharwa blocks. This plain region consists of the uplands, undulation along ridges and depressions. The Ganges, Gumani and Bansloi rivers flow through this region. This area has plenty of fertile lands and is richly cultivated. The inhabitants of this region are mainly middle class people of different castes, Paharias and Santhals..

The district is divided into two subdivisions: Sahibganj subdivision and Rajmahal subdivision. It is further subdivided into nine Community development blocks: (Sahibganj subdivision) Sahibganj, Mandro, Borio, Barhait; (Rajmahal subdivision) Taljhari, Rajmahal, Udhwa, Pathna and Barharwa. The district has 6 Census Towns and 1,813 Villages (Inhabited-1,349 & Uninhabited-464). Moti Jharna Waterfall, Shivgadi Temple, Udhwa Bird Sanctuary and National Fossil Park are some of the important historical monuments of Sahibganj district.

  
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DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



**Subdivisions**

**1. Sahibganj subdivision**

S.No.	Blocks	Panchayat	No. of Inhabited Villages	No. of Un-Inhabited Villages	Total No. of Villages
1	Sahibganj	11	23	09	32
2	Barhait	22	190	85	275
3	Borio	17	264	80	344
4	Mandro	12	179	49	228

**2. Rajmahal subdivision**

S.No.	Blocks	Panchayat	No. of Inhabited Villages	No. of Un-Inhabited Villages	Total No. of Villages
1	Taljhari	13	195	78	273
2	Rajmahal	23	98	49	147
3	Udhwa	26	79	50	129
4	Pathna	13	124	26	150
5	Barharwa	29	155	86	241

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(Source – Sahibganj.nic.in)

  
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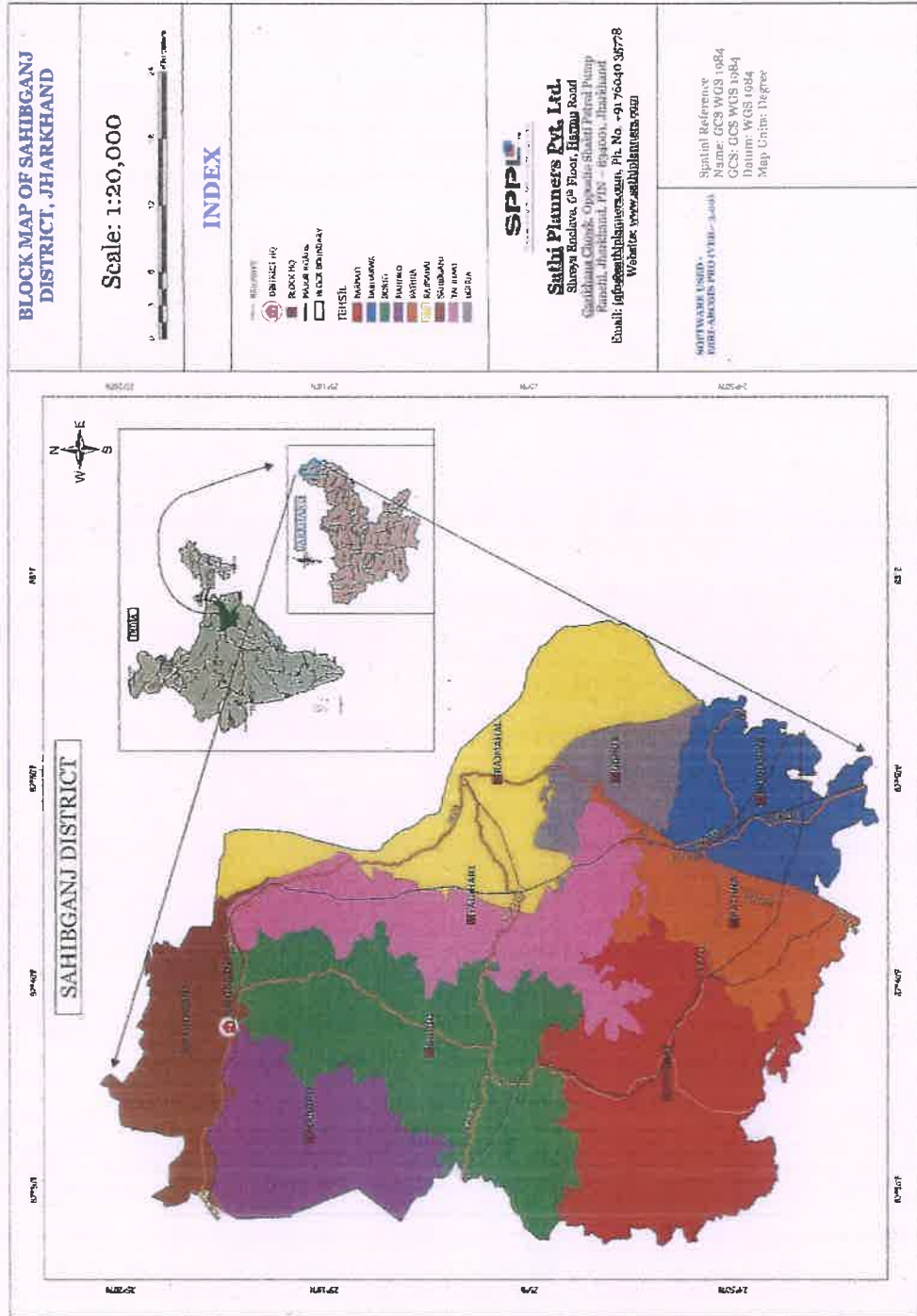


Fig 3.1:-Block map of Sahibganj District, Jharkhand.

  
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### 2 Topography & Terrain:

A large part of the district is hilly. The vast tract of land enclosed between hill ranges had been assigned a name- Damin-I-koh, which is a Persian word means Skirts of the hills. The region on the bank of the ranges is fertile and richly cultivated. The district may be divided into two natural divisions on the basis of its geographical location and cultivable land. First region consists of Borio, Mandro, Barhait, Pathna and Taljhari blocks and lies under Damin-I-koh area. The hills and slopes are covered with forests, once dense but scanty now. The valleys have cultivable lands, yielding mostly paddy. The inhabitants of this region are generally Paharias, Mal Paharias and Santhals. The inhabitants on the hill top cultivate Barbatti and maize using rain water.

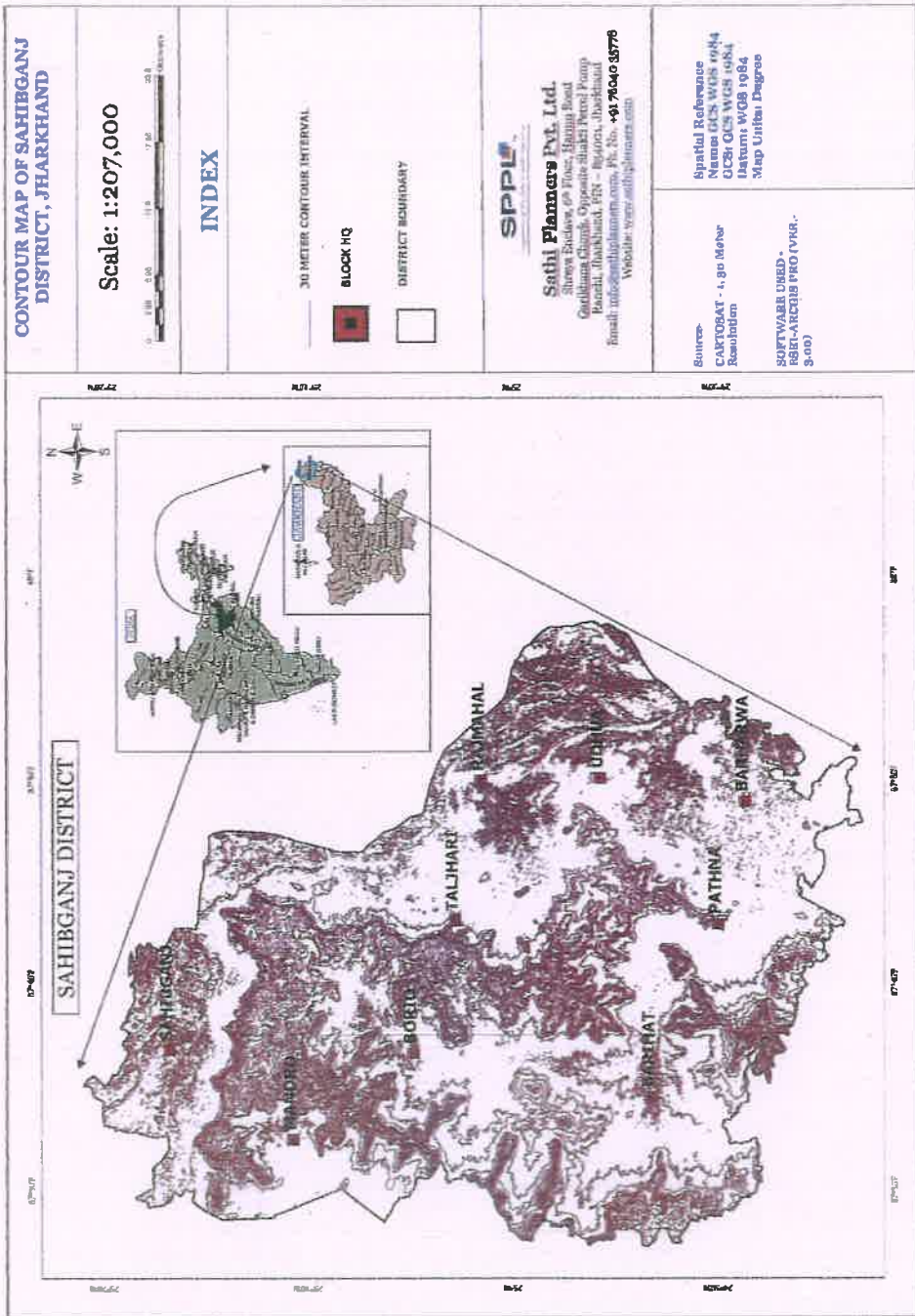
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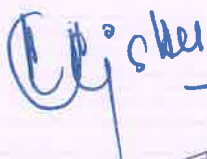
  
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Fig 3.2:-Contour Map Of Sahibganj District

**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND**

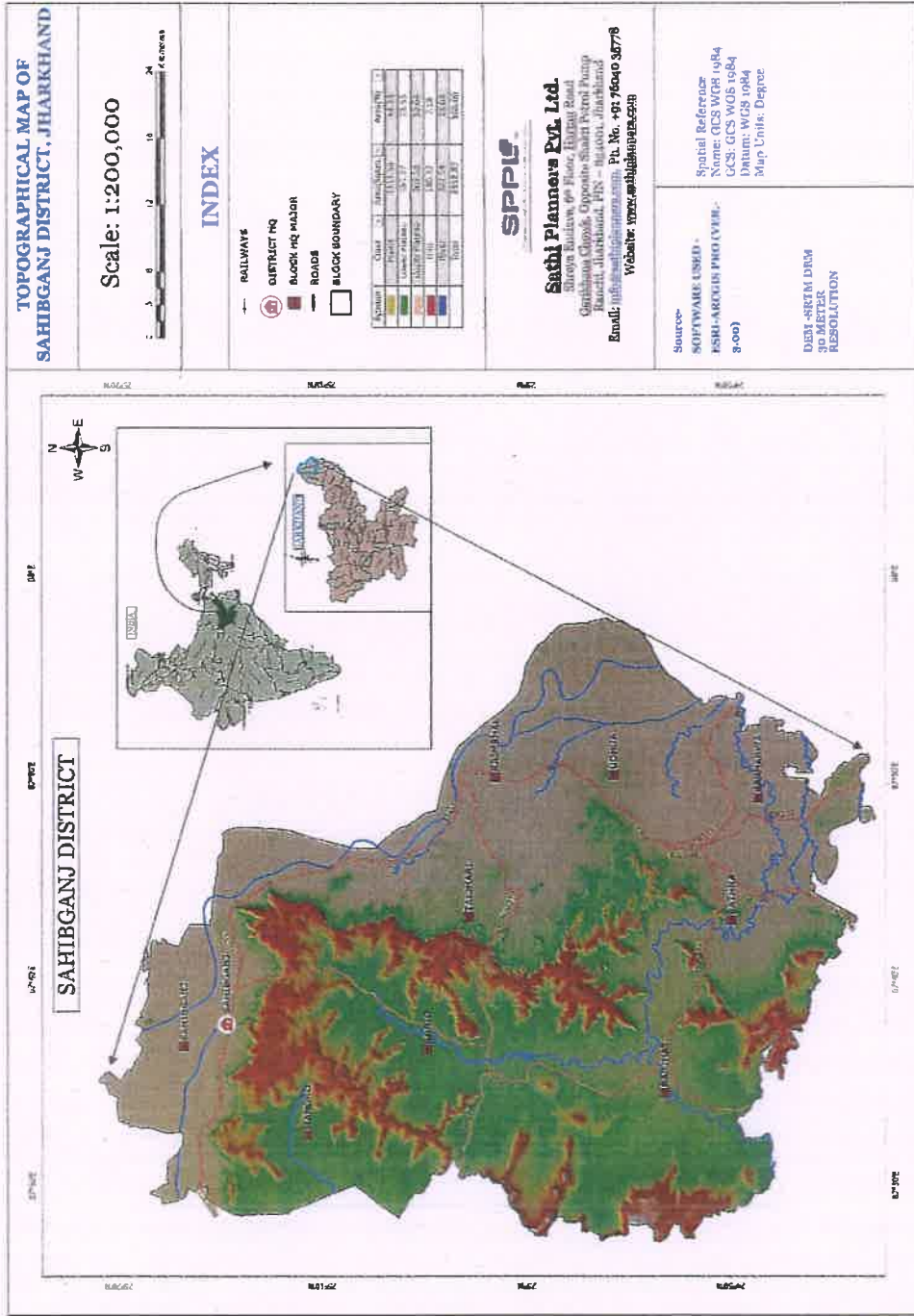


Fig 3.3:-Topographical Map Of Sahibganj District

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### 3.3 River System

The river Ganges forming the northern boundary of the district enters into it along the north – west corner and flow eastward upto Sakrigali. Here it takes a turn to the south and then forward forming the eastern boundary of the district upto a little beyond Radhanagar in Rajmahal sub division. The other rivers of the district are Gumani and Morang. The river Gumani flows SW to NE direction upto Barhait then it turn to east direction. The river Morang flows from north to south direction and join river Gumani near Barhait. The drainage pattern of the district is dendritic. All these rivers are seasonal in nature except the river Ganges.

The course of River Ganga in Sahibganj is quite unique having its entry from the north western side bordering the northern side of Sahibganj and then flowing eastward till Sakrigali, then taking a sharp turn to the southern section forming a southern boundary to the area till a place called Radhanagar situated close to Rajmahal Subdivision. The River Ganga in its course down the years have shifted more towards the northern side, the reason why Sahibganj town is now based at a distance of a mile from the river banks was once situated on it. Ferry services are available from Sahibganj ghat , Manihari ghat of Kathiar district and Manikchak ghat of Maldah, West Bengal. The Bansloi River initiates from the beautiful Bans Hills located in Sahibganj district but in its course diverse to Pakur division which was recently separated from Sahibganj district. River

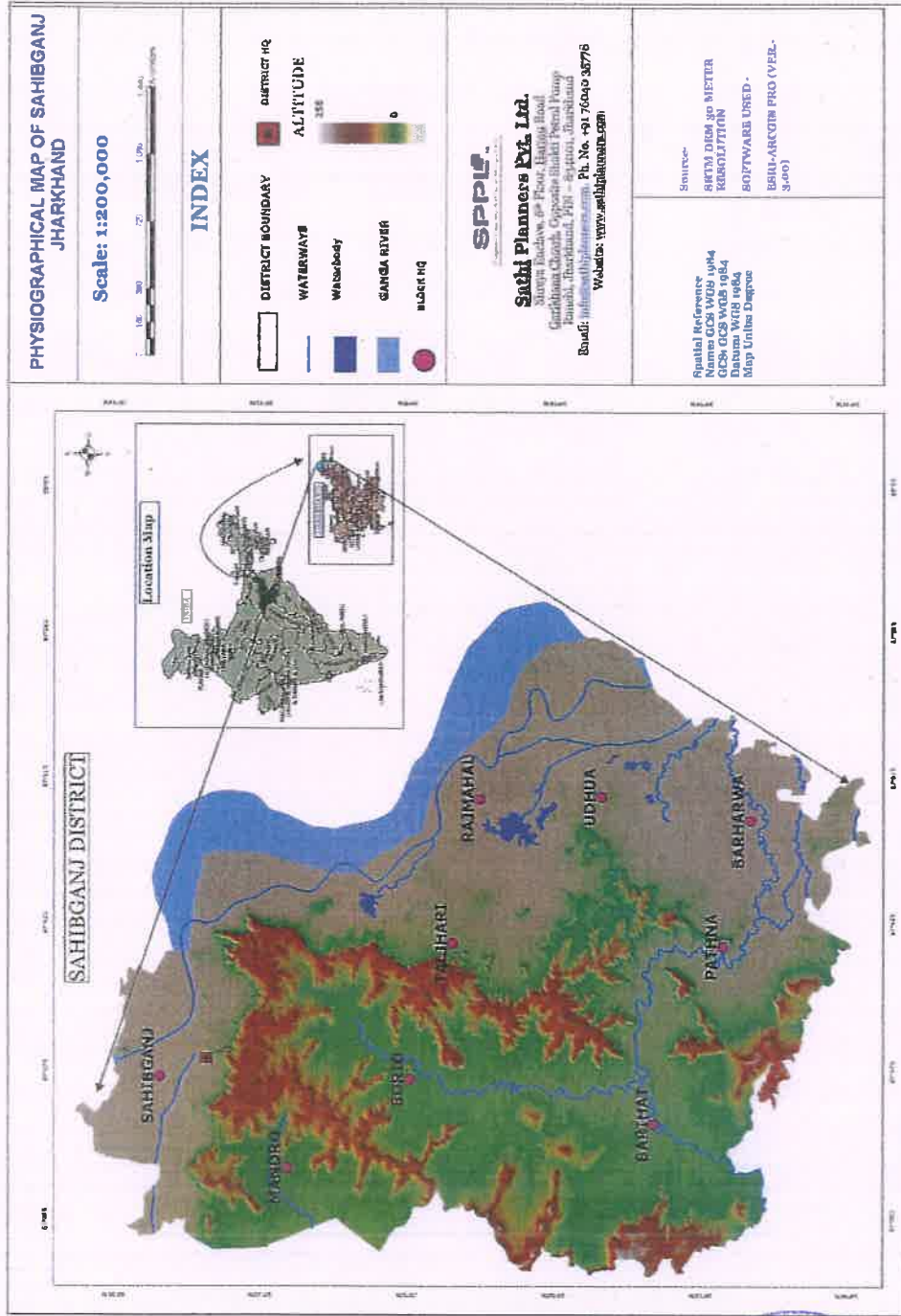
Ghumani also flowing in this region emerges from southern part of Rajmahal hills and flows to Barhait valley and then joins River Mural and together it takes a south eastern coarse to join River Ganges but beyond the district limits.

  
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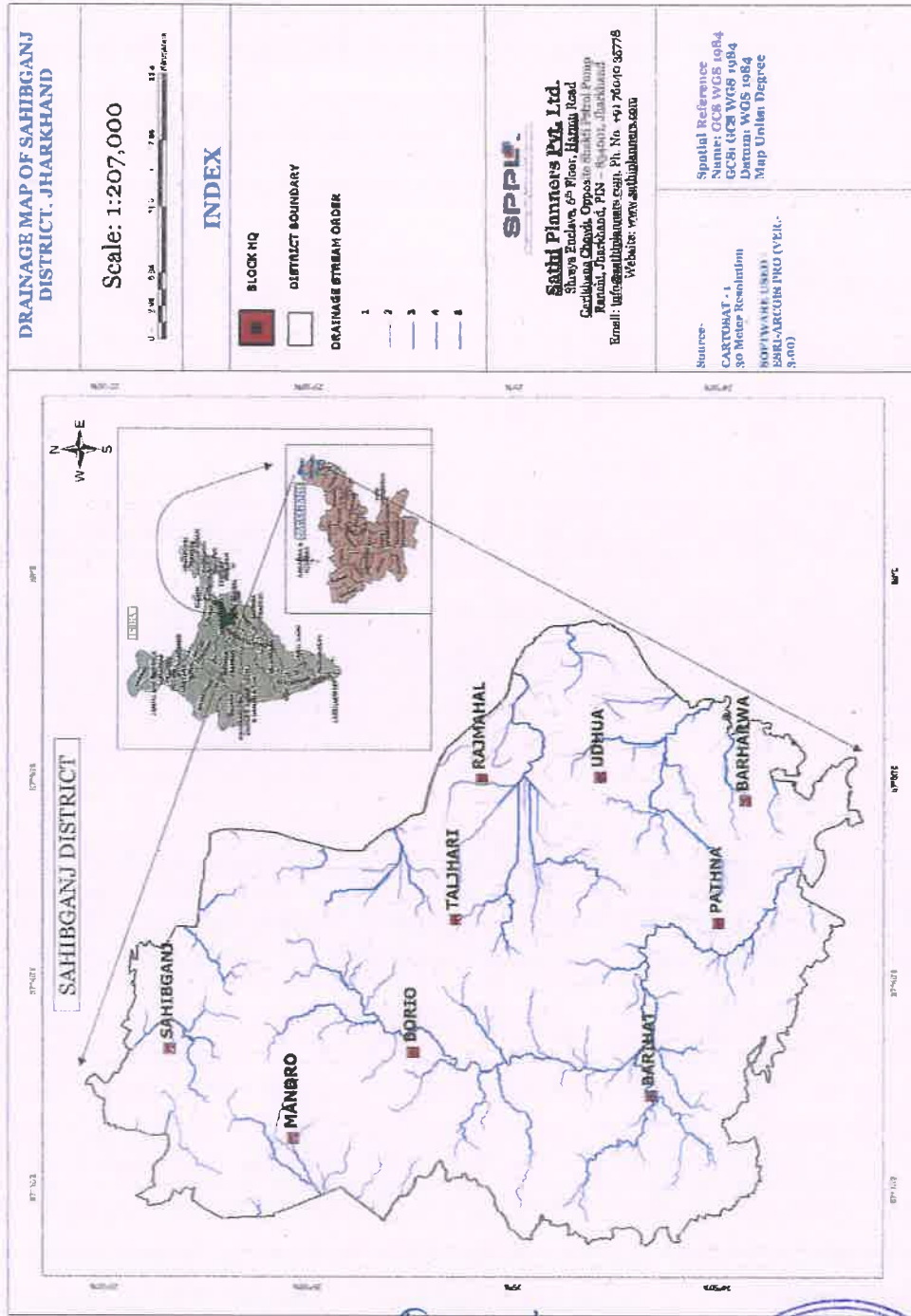
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Fig 3.4:- Physiographical Map Of Sahibganj District



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Fig.3.5:- Drainage Map Of Sahibganj District



### 3.4 Land Surface Temperature of Sahibganj District.

Land surface temperature (LST) is the radiative skin temperature of the land derived from solar radiation. LST measures the emission of thermal radiance from the land surface where the incoming solar energy interacts with and heats the ground, or the surface of the canopy in vegetated areas.

Land Surface Temperature (LST) is an important variable within the Earth climate system. It describes processes such as the exchange of energy and water between the land surface and atmosphere, and influences the rate and timing of plant growth.

Factors influencing surface temperature include land cover types, vegetation, cloud cover, and topography.

Here, In Sahibganj District the LST ranges from 25°C to 47°C. 25°C is the lowest land surface temperature between all land cover due to the presence of forest in the shadow of the hill and 47°C as the highest LST consists of roads, open fields, grassland, settlements, and rice fields (most probably the urban regions shows the highest LST).

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DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND

Average Monthly Temperature in Sahibganj District

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Nov	Oct	Dec	Year
<b>Record high °C (°F)</b>	30.0 (86.0)	35.0 (95.0)	40.0 (104.0)	44.0 (111.2)	44.0 (111.2)	44.0 (111.2)	38.0 (100.4)	39.0 (102.2)	37.0 (98.6)	36.0 (96.8)	33.0 (91.4)	28.0 (82.4)	34.0 (93.2)
<b>Average high °C (°F)</b>	24.63 (76.33)	28.04 (82.47)	33.87 (92.97)	36.78 (98.2)	37.53 (99.55)	36.63 (97.93)	33.01 (91.42)	33.52 (92.34)	32.72 (90.9)	31.43 (88.57)	29.96 (85.93)	25.8 (78.44)	31.99 (89.58)
<b>Daily mean °C (°F)</b>	21.24 (70.23)	24.65 (76.37)	30.8 (87.44)	33.43 (92.17)	34.27 (93.69)	34.21 (93.58)	31.17 (88.11)	31.6 (88.88)	30.7 (87.26)	29.06 (84.31)	27.13 (80.83)	22.62 (72.72)	29.24 (84.63)
<b>Average low °C (°F)</b>	15.78 (60.4)	18.29 (64.92)	23.34 (74.01)	26.07 (78.93)	27.27 (81.09)	28.74 (83.73)	27.42 (81.36)	27.44 (81.39)	26.8 (80.24)	24.18 (75.52)	21.83 (71.29)	17.22 (63.0)	23.7 (74.66)
<b>Record low °C (°F)</b>	12.0 (53.6)	13.0 (55.4)	14.0 (57.2)	18.0 (64.4)	19.0 (66.2)	22.0 (71.6)	19.0 (66.2)	25.0 (77.0)	20.0 (68.0)	19.0 (66.2)	19.0 (66.2)	12.0 (53.6)	12.0 (53.6)
<b>Average precipitation mm (inches)</b>	0.92 (0.04)	8.05 (0.32)	4.65 (0.18)	28.49 (1.12)	62.94 (2.47)	75.46 (2.97)	186.85 (7.36)	99.96 (3.94)	142.35 (5.61)	76.64 (3.01)	0.15 (0.01)	2.37 (0.1)	53.27 (2.1)
<b>Average precipitation days (≥ 1.0 mm)</b>	0.18	0.91	0.73	3.95	5.18	5.64	7.64	7.0	5.18	2.36	0.09	0.09	3.3
<b>Average relative humidity (%)</b>	51.89	47.22	32.11	43.47	54.85	60.16	74.66	73.89	75.01	66.82	51.96	46.34	56.53
<b>Mean monthly sunshine hours</b>	8.43	8.45	11.21	12.23	13.09	12.57	11.27	11.59	9.23	10.62	10.15	8.58	10.62

Source:- Worldweather.com



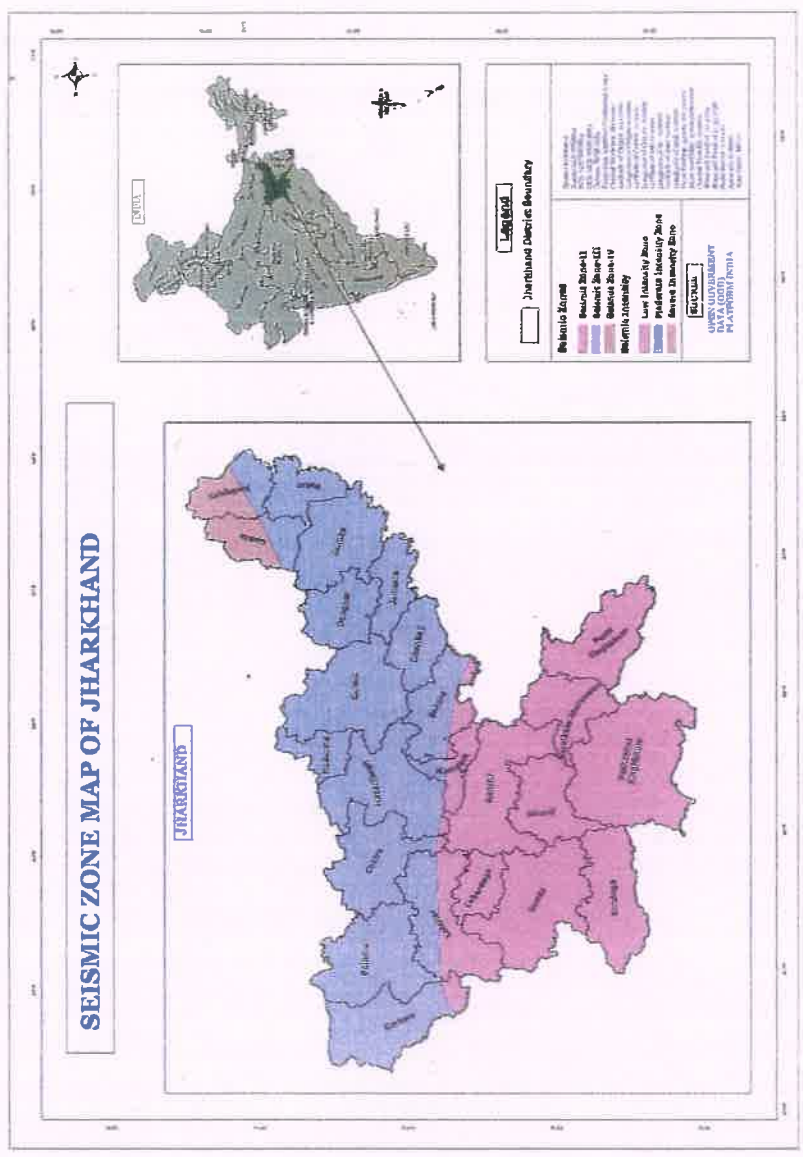
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### 3.5 Seismic Zones In Sahibganj District of Jharkhand

According to GSHAP data, the state of Jharkhand falls in a region of low to high seismic hazard. As per the 2002 Bureau of Indian Standards (BIS) map, this state also falls in Zones II, III & IV. Historically, parts of this state have experienced seismic activity in the M5. 0 range



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Fig 3.7:- Earthquake Map Of Sahibganj District.



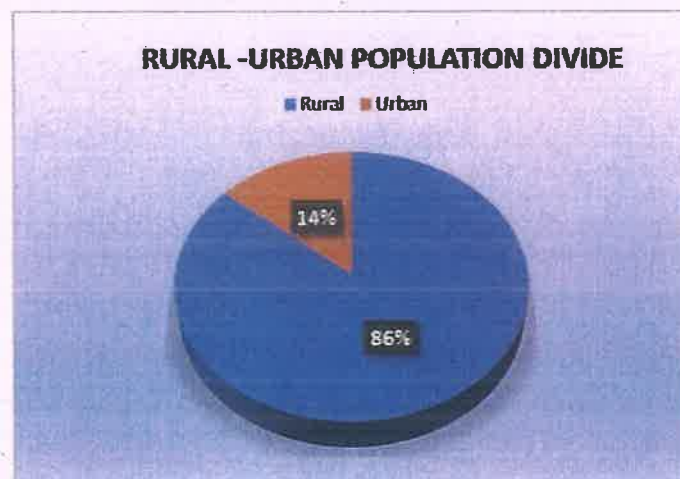
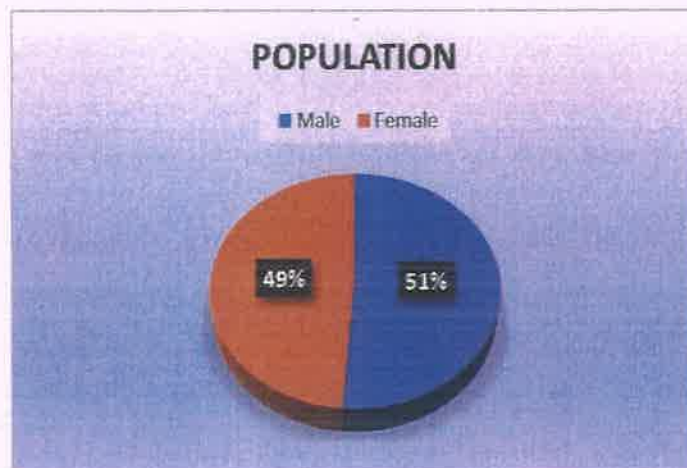
### 3.6 Demography:

An official Census 2011 detail of Sahibganj (Sahebganj), a district of Jharkhand has been released by Directorate of Census Operations in Jharkhand. Enumeration of key persons was also done by census officials in Sahibganj District of Jharkhand.

In 2011, Sahibganj had population of 1,150,567 of which male and female were 589,391 and 561,176 respectively. In 2001 census, Sahibganj had a population of 927,770 of which males were 477,662 and remaining 450,108 were females.

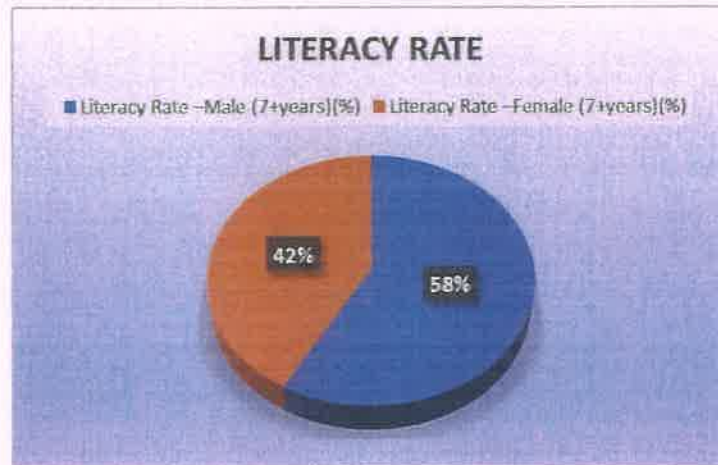
There was change of 24.01 percent in the population compared to population as per 2001. In the previous census of India 2001, Sahibganj District recorded increase of 25.91 percent to its population compared to 1991.

As per the records the child population of Sahibganj district is 221,955 where 113,220 are girl child and the rest 108,735 are boys. The child ration has seen a significant change where in the present census it stands at 19.29percent of the total district population in compared to 2001 census where it stood at 20.95 percent. Literacy rates in Sahibganj district have shown huge changes in the last few years. In 2001 census the average literacy rate here was marked at 37.61 percent but in the latest census of 2011 it stood at 52.04percent with 60.34 percent male literates and 43.31 percent female literates.



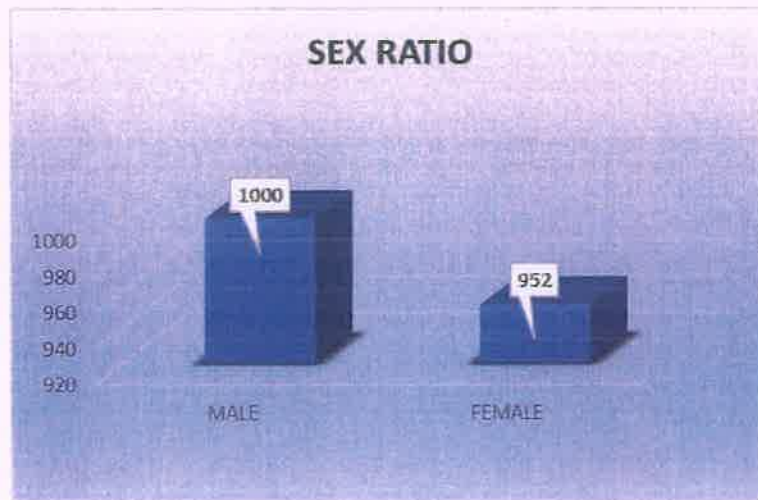
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#### Sahibganj Literacy Rate:

Average literacy rate of Sahibganj in 2011 were 52.04 compared to 52.04 of 2001. If things are looked out at gender wise, male and female literacy were 60.34 and 43.31 respectively. For 2001 census, same figures stood at 47.93 and 26.56 in Sahibganj District. Total literate in Sahibganj District were 483,263 of which male and female were 287,303 and 195,960 respectively. In 2001, Sahibganj District had 275,829 in its district.



#### Sahibganj Sex Ratio:

With regards to Sex Ratio in Sahibganj, it stood at 952 per 1000 male compared to 2001 census figure of 942. The average national sex ratio in India is 940 as per latest reports of Census 2011 Directorate. In 2011 census, child sex ratio is 960 girls per 1000 boys compared to figure of 973 girls per 1000 boys of 2001 census data.

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### Population Growth Rate (2001-2011)

Sahibganj district ranks thirteenth in terms of total population in the state and thirteenth in regard to decadal population growth rate (2001-11) among the twenty-four districts. With a sex ratio of 952, it ranks fifteenth in the state. The district comprises of nine blocks, namely, Sahibganj, Mandro, Borio, Barhait, Taljhari, Rajmahal, Udhwa, Pathna and Barharwa. As per Census 2011, the district has 1349 villages and 8 towns

distributed in three assembly constituencies. Census 2011 figures indicated that the percentage share of scheduled caste population to total population was 6.29 percent while that of scheduled tribes was 26.80 percent. Based on the number of the total rural households in Census 2011 and BPL Revision Survey of 2010-11 the percentage of BPL households in rural areas is 86.03 percent.

Rate of change formula:

$$[\{\text{Tot. population (2011)} - \text{Tot. population (2001)}\} / \text{Tot. population (2001)}] * (1/\text{Time interval}) * 100$$

$$[\{1150567 - 927770\} / 927770] * 100 = 24.01\%$$

Table 3.1:- Population Distribution of the District.

Total population	1,150,567
Male Population	5,89,391
Female Population	5,61,176
Rural Population	9,90,901
Urban Population	1,59,666
SC Population	72,341
ST Population	3,08,343
Population Growth	24.01%
Area Sq. Km	1599.00
Proportion to Jharkhand Population	3.49%
Sex Ratio (Per 1000)	952
Male Population (0-6 Age)	1,13,220
Female Population (0-6 Age)	1,08,735

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OTHER THAN SAND MINING OR RIVER BED MINING IN SAHIBGANJ  
DISTRICT OF JHARKHAND

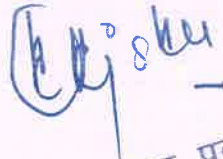


**Sahibganj Population 2024:**

The last census of Sahibganj was done in 2011 and next census of 2021 has been postponed or cancelled. But we can do projection of future Sahibganj 2024 Population on the basis likely Population Growth Rate.

Table 3.2:- Projected Population of the District

YEAR	PROJECTED POPULATION
2011	1150567
2021	1426818
2022	1769397
2023	2194229
2024	2421063
2025	3374390
2026	4184581
2027	5189298
2028	6435248
2029	7980351
2030	9896433

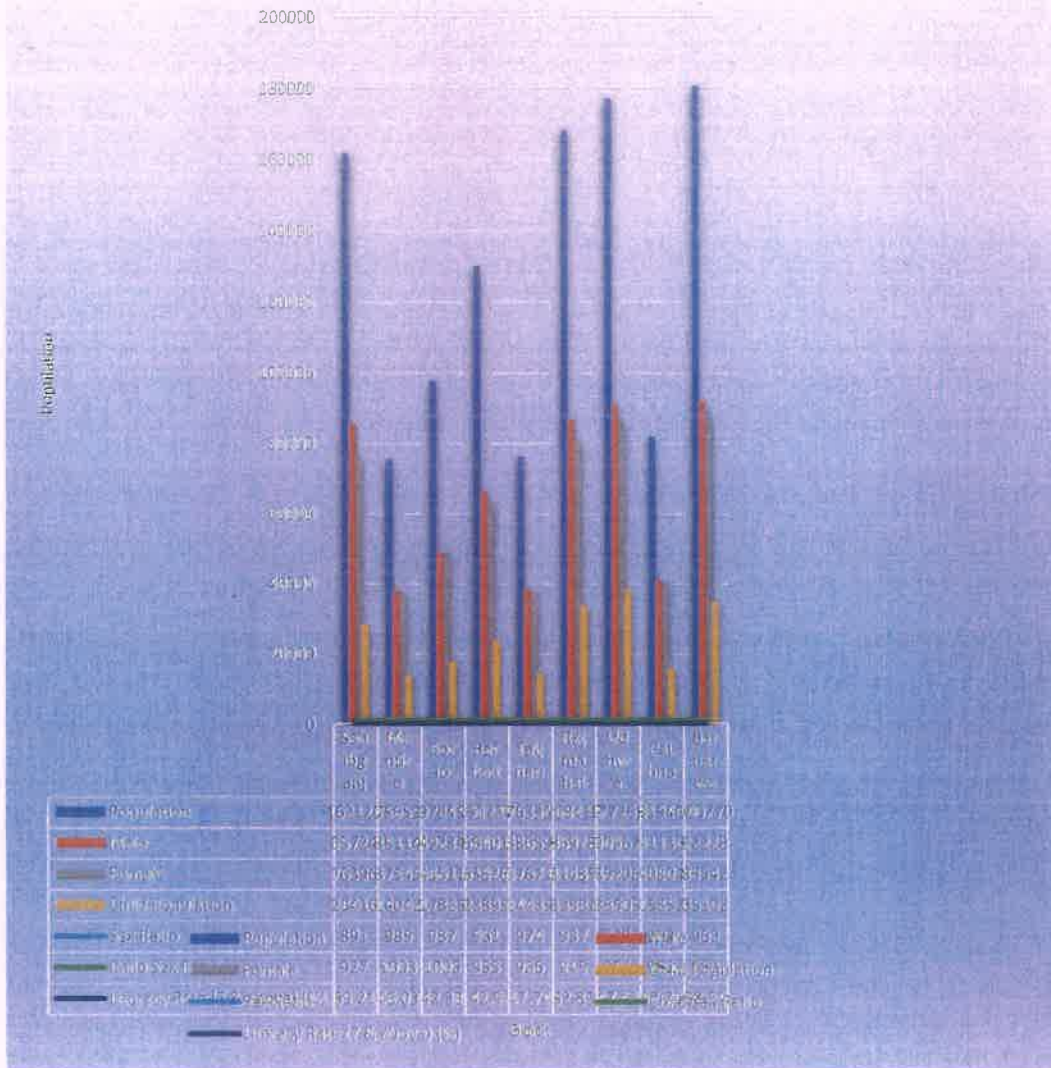
  
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DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE) EARTH WORK  
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BLOCK WISE DEMOGRAPHY



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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE) / EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ  
DISTRICT OF JHARKHAND**



**PRIMARY CENSUS ABSTRACT**

**FOR SCHEDULED TRIBES**

Literates			Illiterates			Total workers			Total/ Rural/	District/ CD Block/
Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Urban	Town
11	12	13	14	15	16	17	18	19	3	2
101,204	61,352	39,852	207,139	92,093	115,056	159,064	84,310	74,744	Total	Sahibganj - District
97,261	59,159	38,102	204,669	91,046	113,623	157,058	82,826	74,232	Rural	
3,943	2,193	1,750	2,470	1,037	1,433	1,996	1,484	512	Urban	
5,106	3,088	2,018	3,646	1,591	2,055	2,683	1,961	722	Total	Sahibganj
5,106	3,088	2,018	3,646	1,591	2,055	2,683	1,961	722	Rural	
-	-	-	-	-	-	-	-	-	Urban	
13,301	8,148	5,153	27,875	12,179	15,696	21,044	11,198	9,846	Total	Mandro
13,301	8,148	5,153	27,875	12,179	15,696	21,044	11,198	9,846	Rural	
-	-	-	-	-	-	-	-	-	Urban	
17,424	10,690	6,734	42,308	18,851	23,457	32,840	16,887	15,953	Total	Borio
17,401	10,681	6,720	42,299	18,849	23,450	32,829	16,880	15,949	Rural	
23	9	14	9	2	7	11	7	4	Urban	
19,035	11,857	7,178	51,198	23,283	27,915	38,760	20,167	18,593	Total	Barhait
18,654	11,662	6,992	50,890	23,148	27,742	38,485	19,992	18,493	Rural	
381	195	186	308	135	173	275	175	100	Urban	
14,761	8,844	5,917	27,587	12,055	15,532	22,299	11,664	10,635	Total	Tajihari
14,761	8,844	5,917	27,587	12,055	15,532	22,299	11,664	10,635	Rural	
-	-	-	-	-	-	-	-	-	Urban	
4,086	2,487	1,599	4,713	2,856	2,668	3,776	2,052	1,724	Total	Rajmahal
4,041	2,463	1,578	4,673	2,840	2,633	3,753	2,036	1,717	Rural	
45	24	21	40	15	25	23	16	7	Urban	
3,176	1,858	1,318	6,565	2,953	3,612	4,476	2,589	1,887	Total	Udiha
3,150	1,844	1,306	6,529	2,940	3,589	4,452	2,574	1,878	Rural	
26	14	12	36	13	23	24	15	9	Urban	
15,396	9,121	6,275	31,488	13,953	17,535	24,398	12,576	11,822	Total	Pathna
15,396	9,121	6,275	31,488	13,953	17,535	24,398	12,576	11,822	Rural	
-	-	-	-	-	-	-	-	-	Urban	
5,504	3,338	2,166	9,687	4,294	5,393	7,131	3,958	3,173	Total	Barharwa
5,451	3,308	2,143	9,682	4,291	5,391	7,115	3,945	3,170	Rural	
53	30	23	5	3	2	16	13	3	Urban	
<b>URBAN</b>										
3,290	1,848	1,442	2,016	840	1,176	1,590	1,210	380	Urban	Sahibganj (Nagar Parishad)
23	9	14	9	2	7	11	7	4	Urban	Borio (CT)
367	187	180	303	135	168	268	171	97	Urban	Barhait Santali (CT)
14	8	6	5	-	5	7	4	3	Urban	Barhait Bazar (CT)
125	73	52	56	29	27	57	48	9	Urban	Rajmahal (NP)
45	24	21	40	15	25	23	16	7	Urban	Tin Pahar (CT)
26	14	12	36	13	23	24	15	9	Urban	Patra (CT)
53	30	23	5	3	2	16	13	3	Urban	Barharwa (CT)

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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE) / EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ  
DISTRICT OF JHARKHAND**



**PRIMARY CENSUS ABSTRACT**

**FOR SCHEDULED CASTES**

Literates			Illiterates			Total workers			Total/ Rural/	District/	CD Block/
Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Urban	Total	Total
11	12	13	14	15	16	17	18	19	3	1	2
30,158	18,620	11,536	42,185	18,697	23,488	29,643	18,475	11,168	Total	Sahibganj - District	
21,690	13,545	8,045	35,900	16,015	19,885	25,183	15,022	10,161	Rural		
8,566	5,075	3,491	6,285	2,682	3,603	4,460	3,453	1,007	Urban		
2,261	1,466	795	3,060	1,383	1,677	1,850	1,280	570	Total	Sahibganj	
2,261	1,466	795	3,060	1,383	1,677	1,850	1,280	570	Rural		
-	-	-	-	-	-	-	-	-	Urban		
1,274	800	474	1,866	865	1,001	1,223	810	413	Total	Mandro	
1,274	800	474	1,866	865	1,001	1,223	810	413	Rural		
-	-	-	-	-	-	-	-	-	Urban		
866	536	330	1,613	712	901	1,109	649	460	Total	Borio	
694	438	256	1,415	627	788	979	555	424	Rural		
172	98	74	198	85	113	130	94	36	Urban		
1,960	1,315	645	3,562	1,536	2,026	2,775	1,570	1,205	Total	Behail	
1,682	1,157	525	3,249	1,391	1,858	2,594	1,427	1,167	Rural		
278	158	120	313	145	168	181	143	38	Urban		
1,850	1,237	613	3,217	1,391	1,826	2,247	1,311	936	Total	Tajhari	
1,850	1,237	613	3,217	1,391	1,826	2,247	1,311	936	Rural		
-	-	-	-	-	-	-	-	-	Urban		
2,562	1,551	1,001	3,682	1,598	2,084	2,742	1,613	1,129	Total	Rajmahal	
2,476	1,506	970	3,592	1,558	2,034	2,687	1,573	1,114	Rural		
76	45	31	90	40	50	55	40	15	Urban		
2,283	1,393	890	3,986	1,812	2,174	2,273	1,589	684	Total	Udiha	
2,232	1,364	868	3,851	1,749	2,102	2,214	1,550	664	Rural		
51	29	22	135	63	72	59	39	20	Urban		
2,025	1,231	794	3,056	1,348	1,708	2,502	1,383	1,119	Total	Palna	
2,025	1,231	794	3,056	1,348	1,708	2,502	1,383	1,119	Rural		
-	-	-	-	-	-	-	-	-	Urban		
7,548	4,603	2,945	13,097	5,942	7,155	9,220	5,380	3,840	Total	Barharwa	
7,096	4,346	2,750	12,594	5,703	6,891	8,887	5,133	3,754	Rural		
452	257	195	503	239	264	333	247	86	Urban		
										<b>URBAN</b>	
										Sahibganj (Nagar	
6,761	4,034	2,727	4,344	1,814	2,530	3,253	2,527	726	Urban	Parishad)	
172	98	74	198	85	113	130	94	36	Urban	Borio (CT)	
132	73	59	141	63	78	84	63	21	Urban	Behail Santali (CT)	
146	85	61	172	82	90	97	80	17	Urban	Behail Bazar (CT)	
776	454	322	702	296	406	449	363	86	Urban	Rajmahal (NP)	
76	45	31	90	40	50	55	40	15	Urban	Tin Pahar (CT)	
51	29	22	135	63	72	59	39	20	Urban	Palra (CT)	
452	257	195	503	239	264	333	247	86	Urban	Barharwa (CT)	

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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE) / EARTH WORK  
OTHER THAN SAND MINING OR RIVER BED MINING IN SAHIBGANJ  
DISTRICT OF JHARKHAND**



DISTRICT CENSUS HANDBOOK : SAHIBGANJ

DISTRICT PRIMARY

Location code number	District/ CD Block/ Town	Total/ Rural/ Urban	Area in Square Kilometre	Number of households	Total population (including institutional and houseless population)			Population in the age-group 0-6		
					Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10	11
352	Sahibganj - District	Total	2,063.80	227,023	1,160,667	688,391	561,176	221,955	113,220	106,735
		Rural	2,035.78	196,056	998,901	605,892	485,009	196,990	100,386	96,684
		Urban	27.22	30,967	169,686	83,499	76,167	24,965	12,834	12,131
0070	Sahibganj	Total	168.16	13,523	73,906	39,275	34,631	16,154	8,370	7,784
		Rural	168.16	13,523	73,906	39,275	34,631	16,154	8,370	7,784
		Urban	0.00	-	-	-	-	-	-	-
0071	Mandro	Total	182.24	15,579	75,659	38,114	37,545	14,042	7,009	7,033
		Rural	182.24	15,579	75,659	38,114	37,545	14,042	7,009	7,033
		Urban	0.00	-	-	-	-	-	-	-
0072	Borio	Total	391.76	20,623	97,845	49,234	48,611	17,825	8,887	8,938
		Rural	391.52	19,275	90,881	45,622	45,259	18,851	8,284	8,367
		Urban	0.24	1,348	6,964	3,612	3,352	1,174	603	571
358526	Borio (CT)	Urban	0.24	1,348	6,964	3,612	3,352	1,174	603	571
0073	Berhail	Total	370.98	26,919	130,227	66,491	63,826	23,895	12,220	11,675
		Rural	367.07	24,158	115,742	58,922	56,820	21,293	10,909	10,384
		Urban	3.91	2,763	14,485	7,479	7,006	2,602	1,311	1,291
358800	Berhail Santali (CT)	Urban	3.66	1,781	9,753	4,997	4,756	1,979	976	1,003
358801	Berhail Bazar (CT)	Urban	0.25	982	4,732	2,482	2,250	623	335	288
0074	Taljhari	Total	273.03	18,159	78,330	38,659	37,671	14,435	7,344	7,091
		Rural	273.03	18,159	78,330	38,659	37,671	14,435	7,344	7,091
		Urban	0.00	-	-	-	-	-	-	-
0075	Rajmahal	Total	140.76	26,753	145,899	75,153	70,746	29,897	15,361	14,536
		Rural	139.76	25,808	140,583	72,384	68,199	28,057	14,948	14,189
		Urban	1.00	945	5,336	2,789	2,547	840	413	427
359221	Tin Pahar (CT)	Urban	1.00	945	5,336	2,789	2,547	840	413	427
0076	Udhuwa	Total	214.83	31,815	177,263	90,987	86,296	38,505	19,785	18,800
		Rural	208.57	30,185	167,727	88,122	81,805	36,097	18,489	17,888
		Urban	6.26	1,630	9,536	4,845	4,691	2,408	1,216	1,192
359350	Patra (CT)	Urban	6.26	1,630	9,536	4,845	4,691	2,408	1,216	1,192
0077	Pathna	Total	171.39	17,124	81,940	41,136	40,804	15,853	7,997	7,856
		Rural	171.39	17,124	81,940	41,136	40,804	15,853	7,997	7,856
		Urban	0.00	-	-	-	-	-	-	-
0078	Barharwa	Total	187.33	38,899	180,770	92,228	88,542	35,102	17,889	17,213
		Rural	183.27	34,247	168,153	85,678	82,475	33,408	17,036	16,372
		Urban	4.06	2,652	12,617	6,550	6,067	1,694	853	841
359741	Barharwa (CT)	Urban	4.06	2,652	12,617	6,550	6,067	1,694	853	841
	<b>URBAN</b>									
	Sahibganj (Nagar									
801772	Parishad)	Urban	4.25	17,076	88,214	46,449	41,765	12,262	6,375	5,887
358526	Borio (CT)	Urban	0.24	1,348	6,964	3,612	3,352	1,174	603	571
358800	Berhail Santali (CT)	Urban	3.66	1,781	9,753	4,997	4,756	1,979	976	1,003
358801	Berhail Bazar (CT)	Urban	0.25	982	4,732	2,482	2,250	623	335	288
801773	Rajmahal (NP)	Urban	7.50	4,553	22,514	11,775	10,739	3,985	2,063	1,922
359221	Tin Pahar (CT)	Urban	1.00	945	5,336	2,789	2,547	840	413	427
359350	Patra (CT)	Urban	6.26	1,630	9,536	4,845	4,691	2,408	1,216	1,192
359741	Barharwa (CT)	Urban	4.06	2,652	12,617	6,550	6,067	1,694	853	841

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**Table 3.3:- Sahibganj Population Data of Census 2011**

Sl. NO.	INDICATOR	SAHIBGANJ	JHARKHAND
1	Population	1150567	32988134
2	Male	589391	16930315
3	Female	561176	16057819
4	Rural	990901	25055073
5	Urban	159666	7933061
6	SC Population	72341	3985644
7	SC Population Male	37317	2043458
8	SC Population Female	35024	1942186
9	ST Population	308343	8645042
10	ST Population Male	153435	4315407
11	ST Population Female	154908	4329635
12	Population Growth Rate, 2001-11(%)	23.96	22.34
13	Child Population (0-6 years)	221955	5389495
14	Child Population (0-6 years) to total population (%)	19.29	16.33
15	Sex Ratio (Females per 1000 males)	952	949
16	Sex Ratio at Birth, Total	936	930
17	Sex Ratio at Birth, Rural	940	943
18	Sex Ratio at Birth, Urban	895	884
19	Child Sex Ratio (0-6 years, Girls per 1000 boys)	980	940
20	Gross Enrolment Ratio (Primary)	175.0	153.8

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Sl.No.	INDICATOR	SAHIBGANJ	JHARKHAND
21	Crude Birth Rate, Total (per 1000)	23.5	23.0
22	Crude Birth Rate, Total (per 1000)	44.3	24.3
23	Crude Birth Rate, Total (per 1000)	17.8	19.4
24	Crude Birth Rate, Total (per 1000)	6.6	6.0
25	Crude Birth Rate, Total (per 1000)	6.9	6.4
26	Crude Birth Rate, Total (per 1000)	6.8	6.7
27	Total Fertility Rate	3.0	2.9
28	Wealth Index- lowest (2018)	36.7	20.0
29	Wealth Index- highest (2018)	8.3	20.0
30	Work Participation rate (15 years and above)	51.0	45.7

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(Source <https://Sahibganj.nic.in/demography>)  
District census handbook – Sahibganj





### 3.7 Connectivity in Sahibganj District

#### By Air:

The nearest airport is Deoghar Airport (431Km) and Patna Airport (300Km).

#### By Rail:

The district is deprived of adequate railway communication as it lies on the Howrah-Bhagalpur loop line. Both the sub-divisional headquarters have railway stations. Presently there is rail connection for Howrah, New Delhi and Patna.

Sahibganj Railway Station is a major railhead of the Eastern Railway zone. The nearest Railway Junction is Sahibganj Junction (2Km).

Sahibganj to Ranchi(Jharkhand) – 454 Km (11h 55m)-Varanchal Express.

Sahibganj to Patna(Bihar) 8h 25m> (294 km) Patna – Intercity Expres,Bramputtra mail,Anand Bihar Expres,Gohati Expres.

#### By Road

The district has good network of roadways. The river Ganges provides water link also for such purposes. No important place in the district is left unconnected by a metalled road. The Jamtara-Sahibganj-Sahibganj road provides a link with Assam after ferry across the Ganges. The road between Farakka and Bhagalpur has been upgraded as National Highway.

Sahibganj district is connected to Ranchi in Jharkhand by National Highway No. 33.

Sahibganj to Ranchi(Jharkhand) – 9 h 53 min (430 km) Sahibganj Sahebganj Road.

Sahibganj to Kolkatta(West Bengal) – 8 h 57 min(383.1 km) via Sahibganj Sahebganj Road.

#### By Waterways

The only navigable waterways is the river Ganges. There are ferry services across the river Ganges between Sahibganj ghat to Manihari Ghat in Katihar district of Bihar, which is directly linked to the Guwahati highway and between Rajmahal ghat to Manikchak ghat in Maldah district of West Bengal.

  
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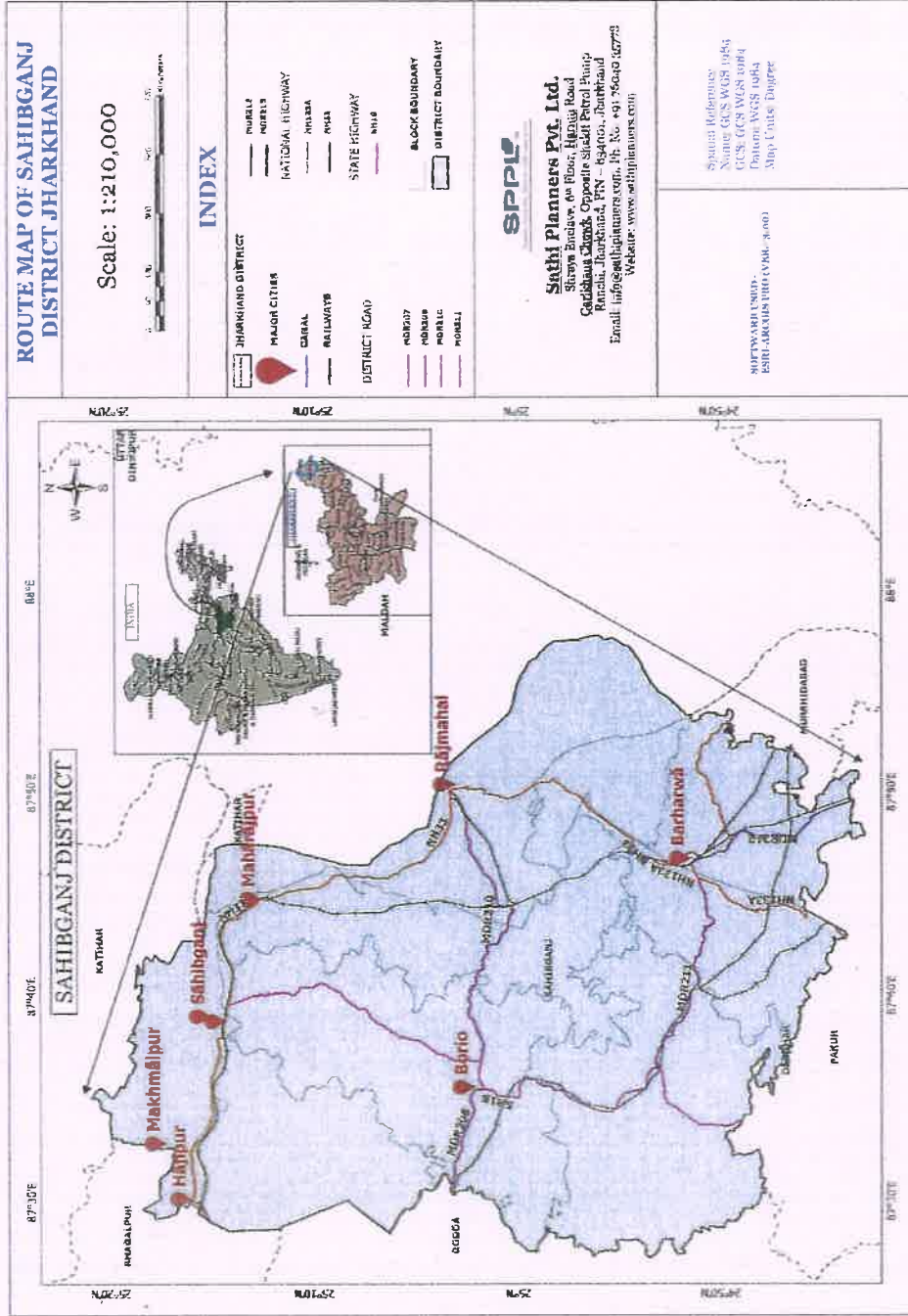


Fig 3.8:- Route Map Of Sahibganj District.

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### 3.8 Flora & Fauna:

#### Flora of the District:

The State of Jharkhand has notified forests covering 23605.47 sq.km, which is 29.6% of the total geographical area of the state, viz 79714 sq.km. As per the Forest survey of India, the total forest area of Sahibganj District is 550 km<sup>2</sup> out of the total geographical area of 1834 km<sup>2</sup>. The classification of forest area in category of Very dense, moderately dense and open is 21 km<sup>2</sup>, 336 km<sup>2</sup> and 193 km<sup>2</sup> respectively.

The most common tree found in the district is sal (Shorea Robusta). Some teak, though not of good quality, is also found. Some other trees found in the district are Jackfruit, Simal, bamboo, Asan and Satsal. Sal and Simal logs and Jackfruits are exported in large quantities to the neighboring districts and also to the places outside Jharkhand.

#### Fauna of the District:

Normally in an urban area, with dense human population and absence of vegetal cover, large scale faunal population is not observed. In such settings, domesticated animals, like cows, dogs, pigs, etc. are observed. The distance of Raiganj National Park is around 80 km, Bhimbandh Wildlife Sanctuary is around 280 km, Gautam Budha Wildlife Sanctuary is around 300 km, Koderma wildlife sanctuary is 316 km and from Vikramshila Gangetic Dolphin Sanctuary (upstream of Sahibganj) is 70 km from Sahibganj.

### 3.9 General Landforms:

Hilly terrains and extensive verdant landscapes is the best way to describe the geographical map of Sahibganj in Jharkhand. In midst these hill ranges the vast spread of greenery is spread in such a way that the place can be ideally termed in Persian language "Damin-I-Koh" which means the beautiful "skirts of hills". Sahibganj is located at a distance of 33.7km from Kathiar district, 41km from Purnia district and 62.6km from Godda district.

  
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DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE) EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND

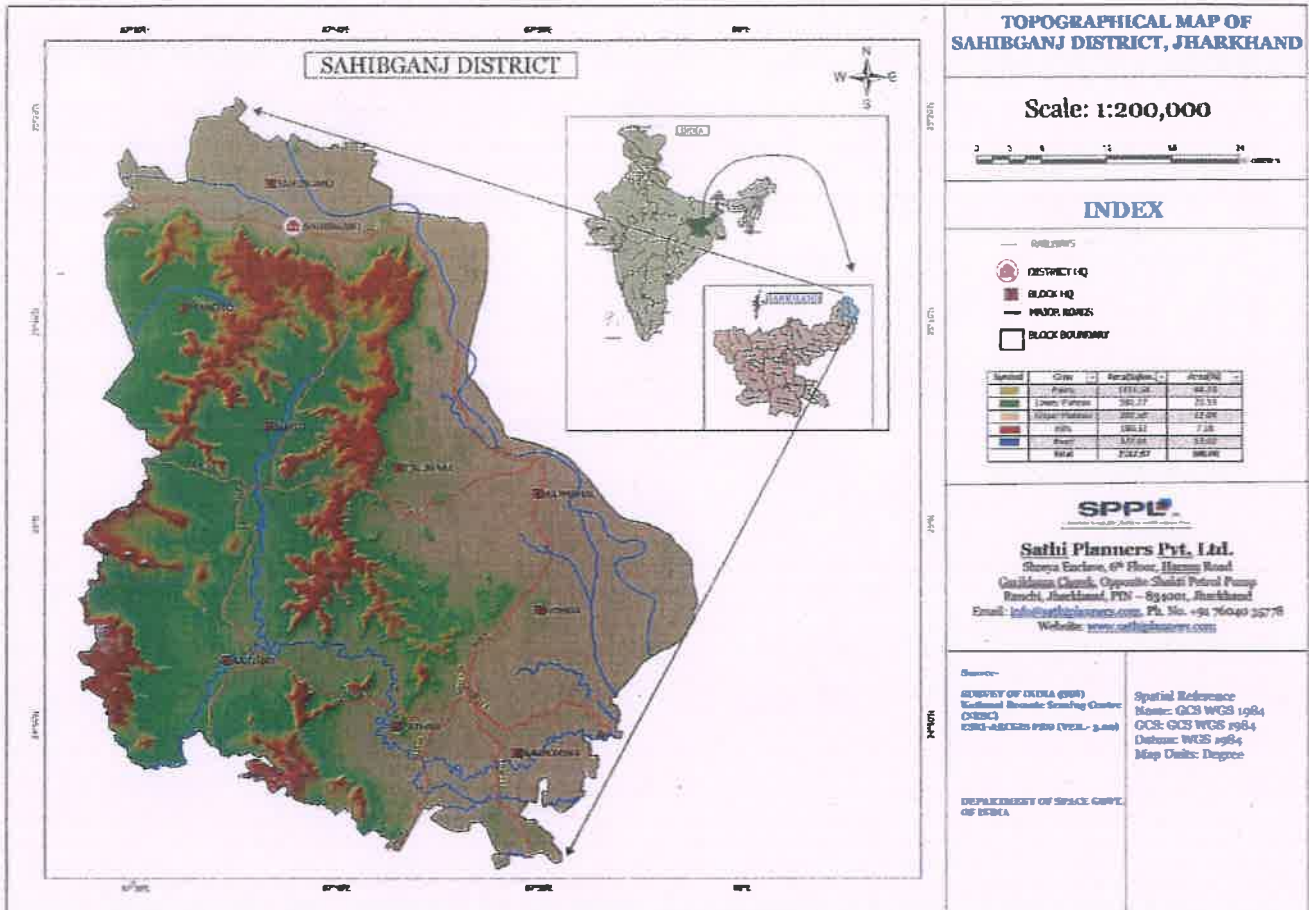


Fig 3.8A:- Topographical Map Of Sahibganj District.

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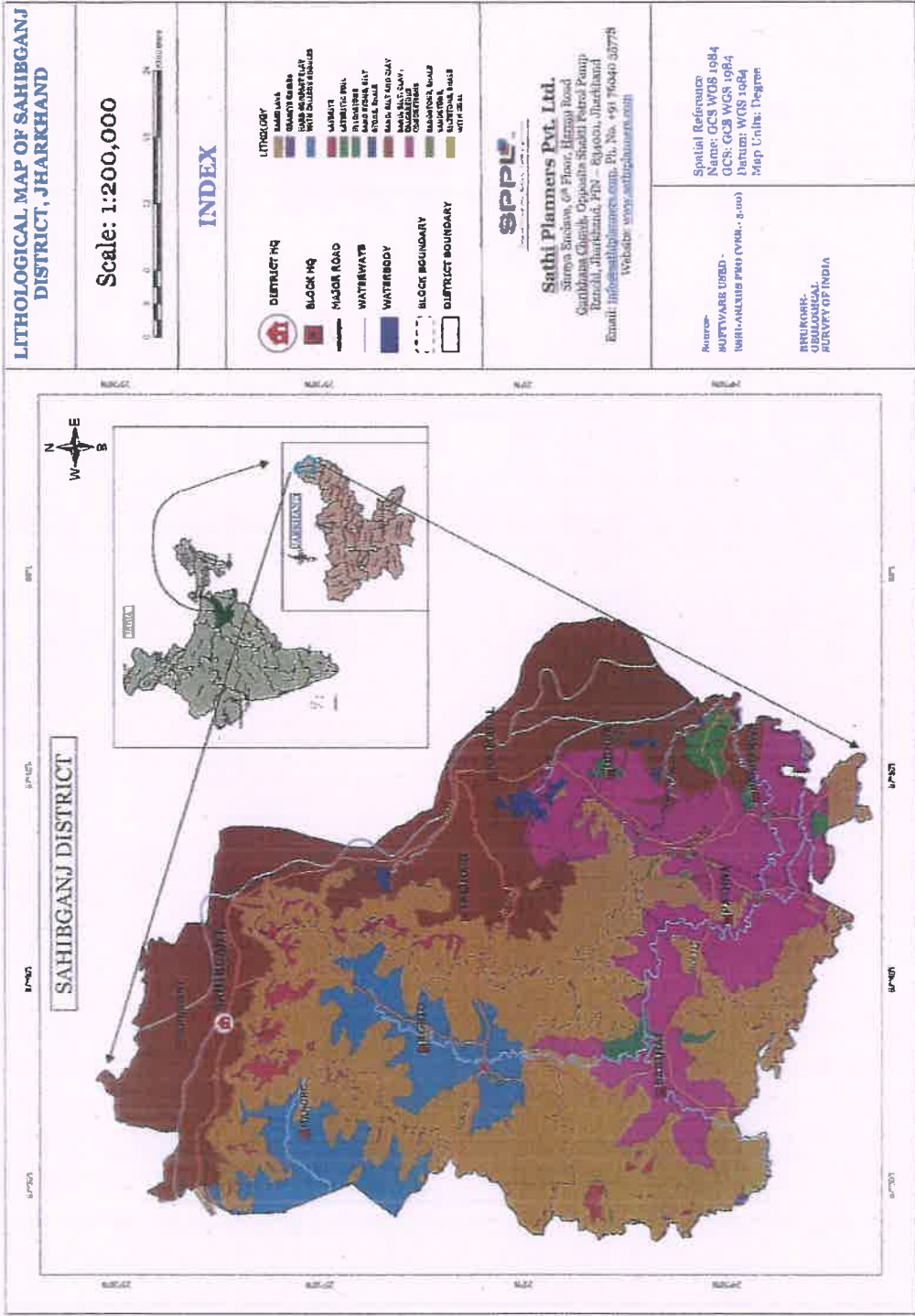


Fig. 3.9:- Lithological Map of Sahibganj District.

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### 3.10 Soil:

There are four major soils available in Sahibganj district and they are red lateritic soil, loamy soils, fine loamy soils and fine mixed loamy soils. Almost all types of soil help in agricultural activities.

The major soil type of the district is the Rajmahal type soil which derived from basaltic lava. These soils are black in colour, very fertile and restricted to Rajmahal lava areas. The soils occurring in different landforms have been characterized during soil resource mapping of the state on 1:250,000 scale (Halder et al. 1996) and four soil orders namely Entisols, Inceptisols, Alfisols and Vertisols were observed in Sahibganj district.

#### 3.10.1 Soil and rock pattern

The area is characterized by the following type of soils:-

- I. Rajmahal trap soil
- II. Red soil
- III. Eroded scarp soil
- IV. Foothill soils
- V. Tal soil
- VI. Alluvial soil



**Rajmahal trap soil:** Soils derived from basaltic lava occurs in major part of the area. These soils, black in colour are very fertile and restricted to Rajmahal lava areas.

**Red Soil:** Red soils are light to medium and are red to yellow and light gray in colour.

These soils are mildly acidic in reaction and low in organic constituent. Dry crops and paddy grow in these soils.

**Eroded scarp soil:** This type of soil occurs in transverse section of dissected, descending scarp land at various altitude of upland. This type of soil has poor fertility with shallow thickness.

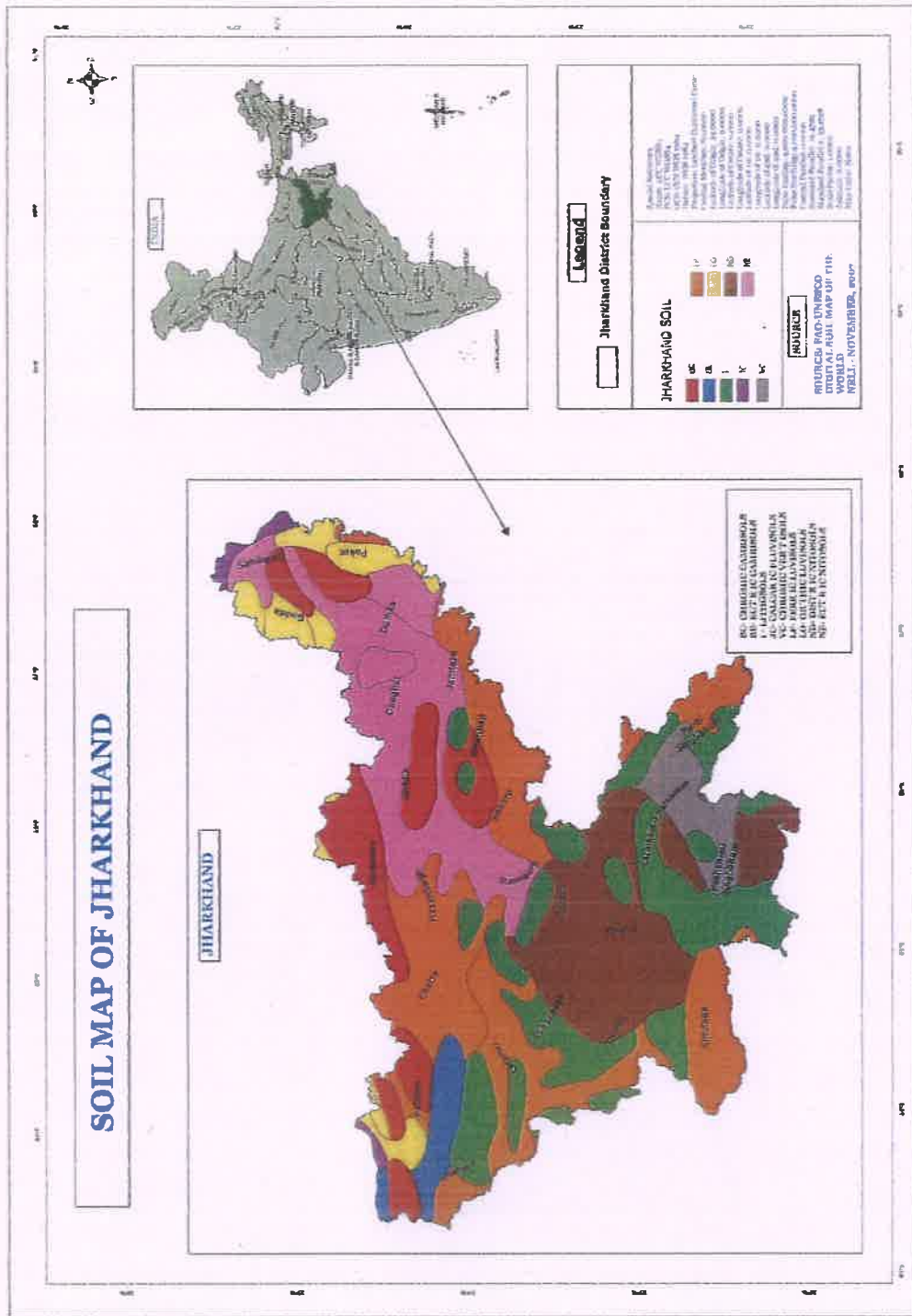
**Foothill soil:** Foothill soils occur in the eastern fringe of the area. The soil is deep and acidic in reaction. The soil is yellowish red in colour crops like maize, arhar etc. grow in these soils.

**Tal soil:** Tal soil is found in the back water belt around Berhawa areas when the rain water remains collected in the rainy season. The soil is very fertile. Kharif crop is cultivated in these soils since the area remain submerged in rain water.

**Alluvial soil:** Alluvial soil occurs near Sahibganj plains. The texture is clayey loam type, paddy, Wheat, Sugarcane grow in these soils.



DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



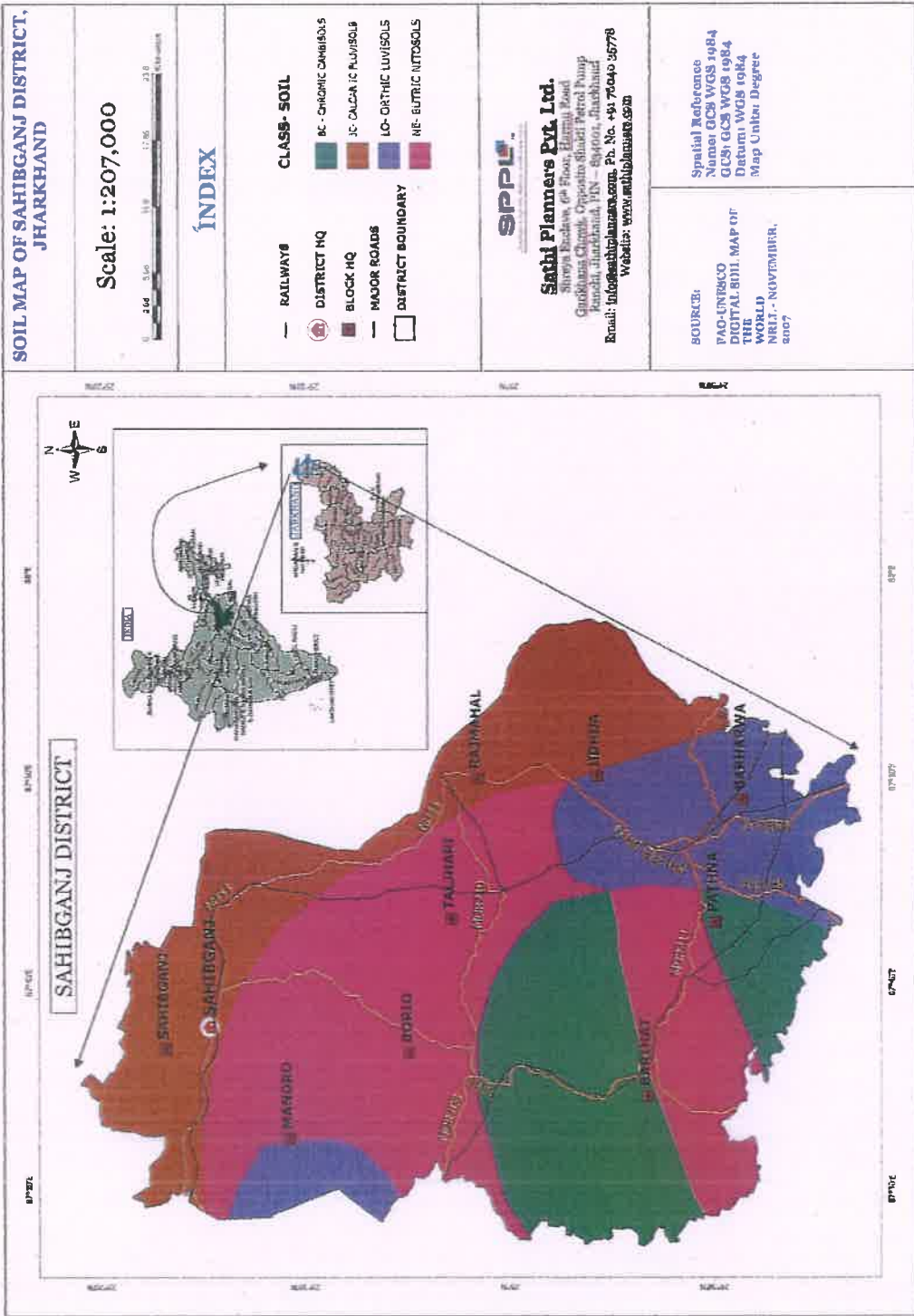
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Fig 3.10:- Soil Map Of Jharkhand.



DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



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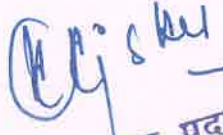
Fig. 3.11:- Soil Map Of Sahibganj District.



### 3.11 Geomorphology

Major part of the district is characterized by undulating topography covered by basaltic flows of Rajmahal Trap. The district is mainly drained by the rivers Ganges, Gumani and Morang. All these rivers are seasonal in nature except the river Ganges. The river Gumani and Morang contribute to the major surface run – off during monsoon. The main geomorphological features of the district are scarp on the northern part of the area, flat alluvial terrain in the eastern fringe of the district and resistant lava plateau of Rajmahal which rises above the general level and occupies major part of the district. The general elevation of the hills and plateaus varies from 57 to 375 m

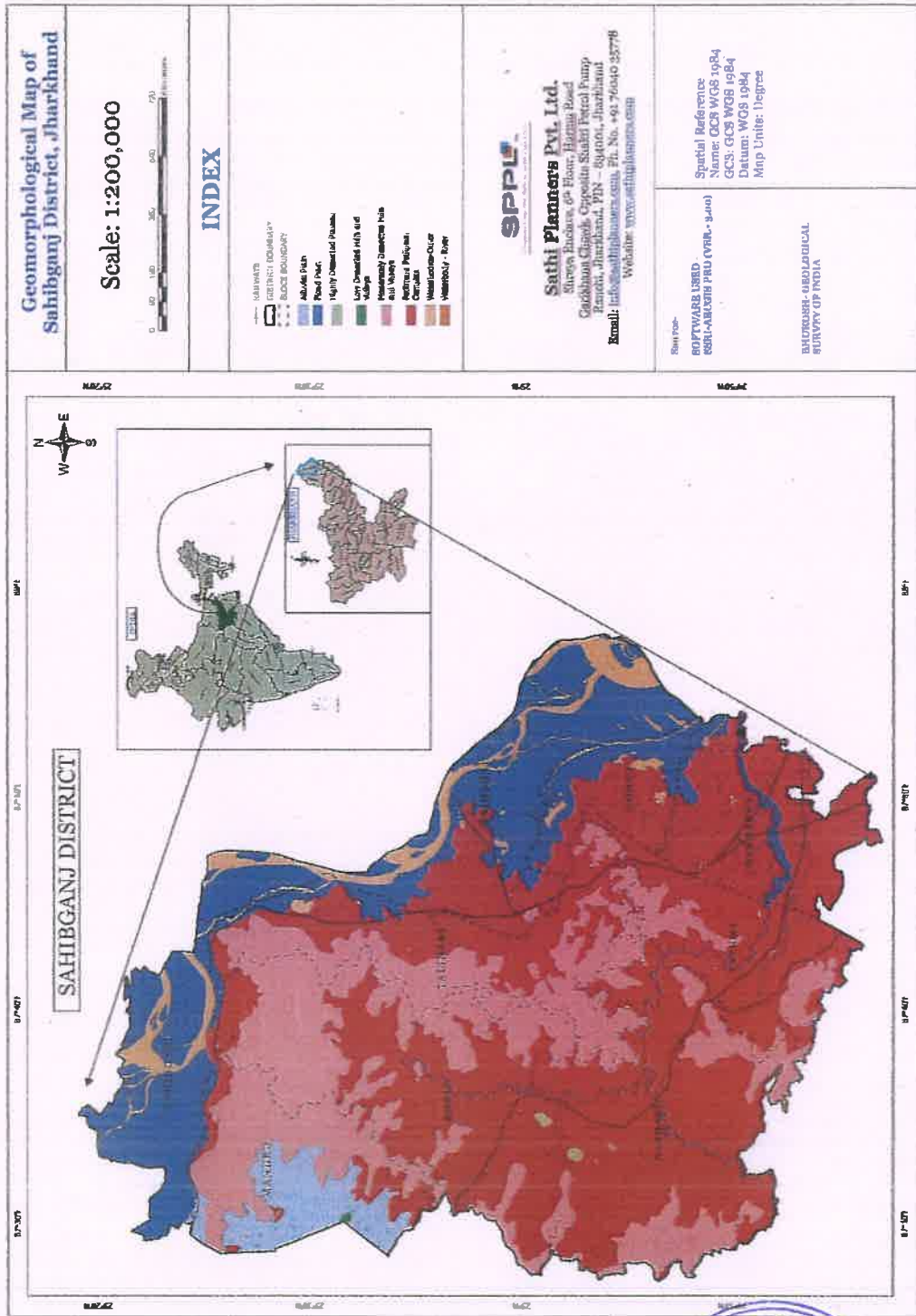
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Fig. 3.12:- Geomorphological Map Of Sahibganj District.



## 4. GEOLOGY & MINERAL WEALTH OF THE DISTRICT

### 4.1 GEOLOGY:

The major part of the district is represented by Rajmahal traps (volcanics) having a huge thickness of lava flows. It has been observed that at least seven successive flows of basalt in the area each flow ranging in thickness between 20m to 75m. The rocks are basaltic lava ranging in thickness from 450m to 550m. In basalt the intratrappeans are represented by tuffs, claystones and siltstone. Some of the rocks are silicified and porcelanite with quartz, Agate and Chalcedony. These intratrappeans are 40m thick. The rocks are of Jurassic to Cretaceous age. Radiometric age of these rocks varies from 11.8 to 70 million years. These rocks are extended for 125Km in Sahibganj near the river Ganges. Patchy occurrences of Chhotanagpur granite gneissic complex associated with granite gneiss and migmatites and Barakar formation of Gondwana super group consisting of siltstone, sandstone and carbonaceous shale with coal seam are found to occur in the western sector of the district. A continuous band of older alluvium with clay impregnated with caliches nodules is very much conspicuous in the eastern part of the area. In the eastern and northern margin of the area recent alluvium of the Ganga fringes the older rocks which is constituted by sands, silt and clays.

The generalised stratigraphic succession of the area, established by GSI is as follows :-

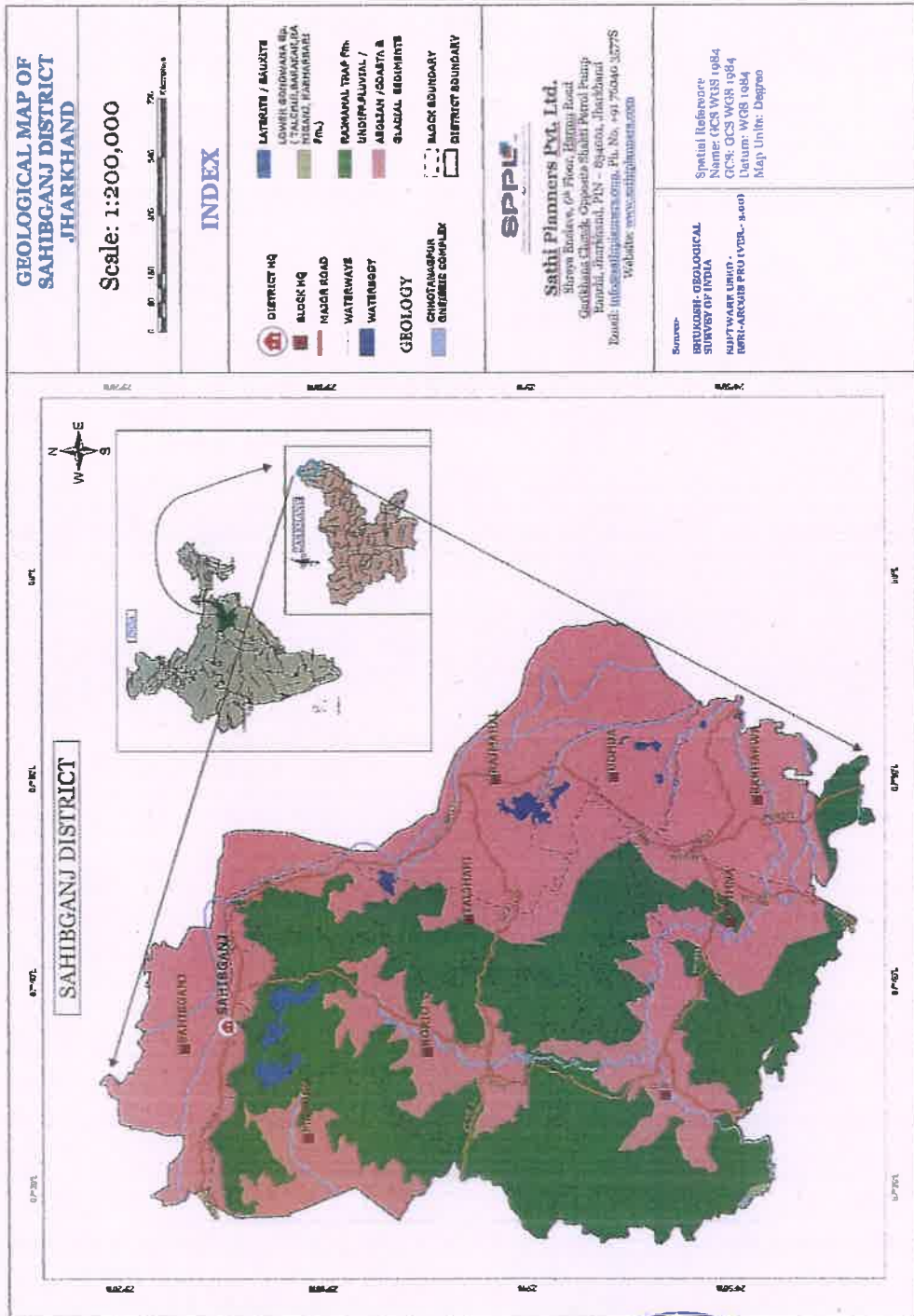
AGE	FORMATION	LITHOLOGY
Recent Quarternary / Tertiary	Alluvial undifferentiated surficial depth	Loose soil, silt & clay, laterites, lateritic soil, lateritic gravel with petrified wood & china clay
Middle Jurassic to lower creataceous	Unconformity Rajmahal Traps and intertrappeans	Flow of basalt and intertrappean sediments (sandstone, shale etc)
Lower Jurassic (Upper Triassic)	Unconformity Dubrajpur	Conglomerates, coarse to medium grained sand stone, grey siltstone, molted shale and thin coal bands.
Lower Permian	Unconformity Barakar	Coarse to medium grained sand stone, carbonaceous shale & c coal seam, greenish sandstone, siltstone, green shale.
Upper Carboniferous to lower Permian (Permocarboniferous)	Talchir	Granites and granitoids gneiss, pegmatite quartz veins and metabasic dykes.
Precambrian	Metamorphics	-----

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Fig 4.1:-Geological Map Of Sahibganj District.



## 4.2 Overview of Mineral Resources:

Sahibganj district is basically occupied by volcanic rock in general and basaltic rock in particular, where no mining activity has taken place, was selected for study and suitable area for mining has been selected along the running hill ranges, which may be considered as plateau with shrubs and bushes and may or may not be in forest area as per the field observation and toposheet. Selecting the area, we have also considered the approach of the proposed projects with some modification and alteration. It is proposed that the areas identified can be subdivided into suitable blocks for mining operation, but not less than 5 hectare. It will always be better if bigger blocks in the range of 25 to 50 hectare is made in such cases losses of minerals will be reasonably less, keeping in view of conservation of mineral.

The Rajmahal Hills are the source of building and road stones. Most of the quarrying is done by the side of the loop line of the Eastern Railway. Pakur chips are quite well known and are used extensively all over Jharkhand, Bihar and parts of West Bengal. Kaolin is found near Mangal Hat in Rajmahal subdivision. Bentonite available in some places is used by women-folk as hair washing material and now a days it is getting popular among urban ladies as Multani Mitti.

### Parametres considered :

- (i) These blocks were identified based on geological studies through field observation.
- (ii) Mineable resource was calculated by considering 60% of recovery factor, by Cross Sectional Method. Actual reserve may vary based on detail prospectig.
- (iiI) Area calculated as per GPS co-ordinates and information obtained from local people. Land detail need to be verified from revenue record.
- (iv) Since this is an interim report, as per the present requirement of minerals, more such blocks need to be identified and the data should be updated periodically, after certain intervals to update the data bank of DSR.

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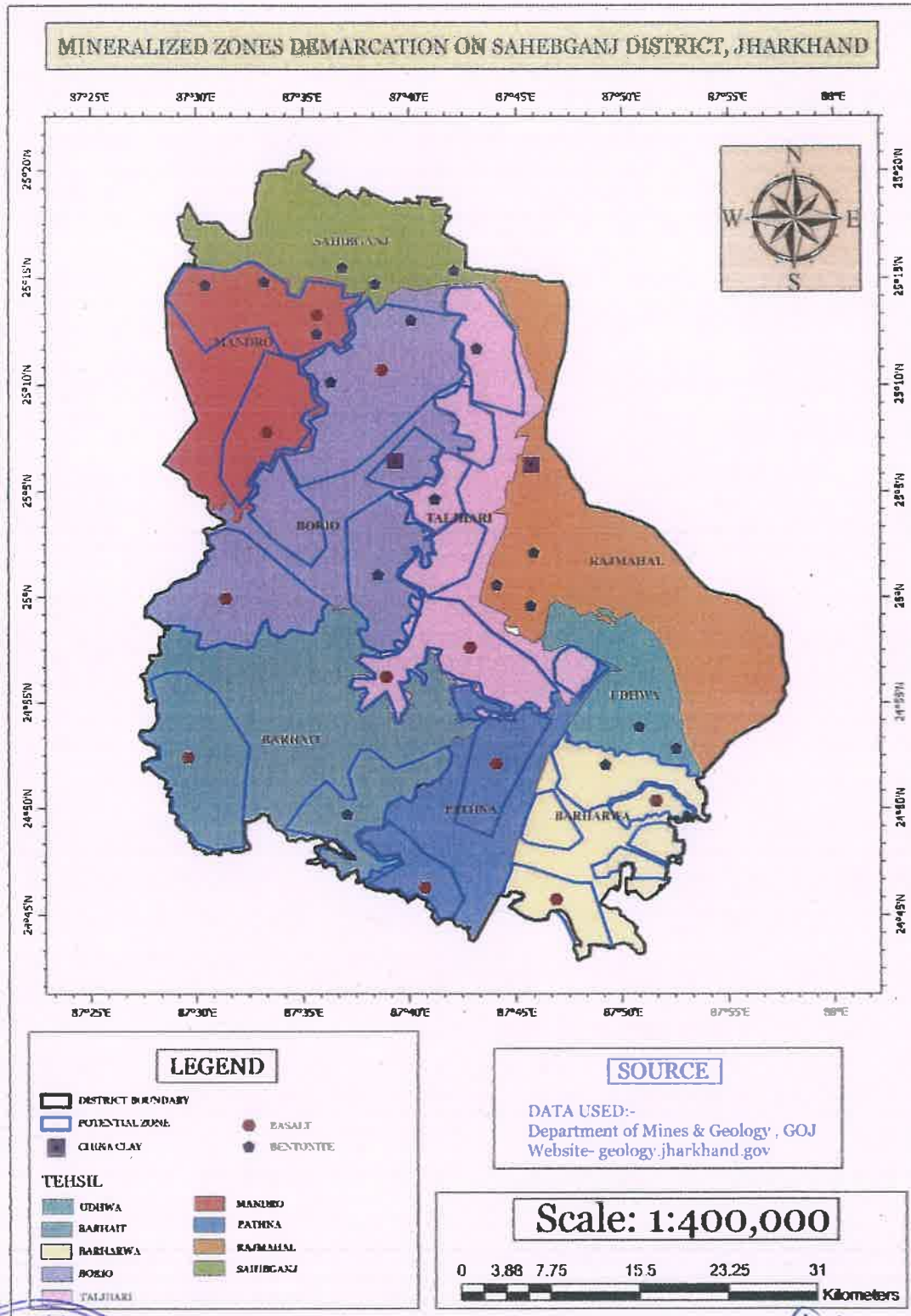


Fig 4.2:- Mineral map of Sahibganj district

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## 5. DRAINAGE SYSTEM & IRRIGATION PATTERN

### 5.1 Drainage System:

The river Ganges forming the northern boundary of the district enters at its north western corner and journeys eastward up to Sakrigali where it takes a turn to the south and forms the southern boundary of the district up to a little beyond Radhanagar in Rajmahal subdivision. The river has been drifting gradually to the north and the Sahibganj town, which was once on the riverbank, is now about a mile away. The average width of the Ganges in the district is about 4 and half kilometers. It generally swells during the rains and inundates the lowlands lying east of the loop line. River Gumani emerges from the southern region of the Rajmahal hills. It flows in a north-easterly direction up to Barhait valley where it is joined by the Mural.

The district is drained by these rivers with a few minor tributaries. The Ganga and Gumani River are having I, II and III order of tributaries.

All these tributaries show dendritic to Sub-dendritic drainage pattern typical of granite terrain. The rivers of the district show structurally controlled pattern. The drainage here is highly dissected in crisscross fashion. The general trend of the drainage is from NW to SE.

**Table 5.1:- Drainage system with description of main river**

S.No.	Name of the River	Area drained (Sq.Km)	% Area drained in the district
1	Ganga River	1048.227	38%
2	Gumani River	994.561	6%

**Table 5.2:- Salient Features of Important River & Stream**

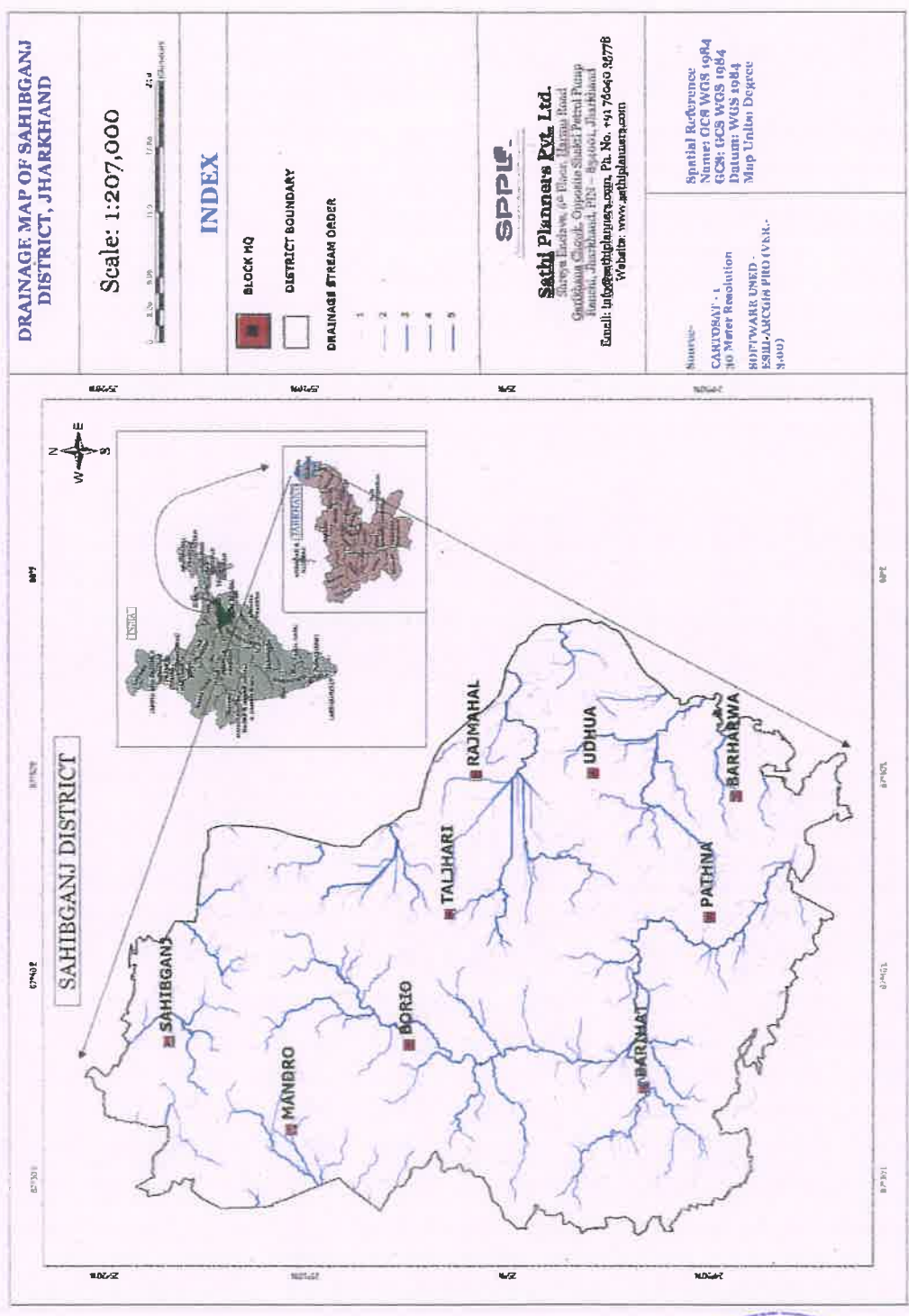
S.No.	Name of the River or stream	Total Length in the District (in km)	Place of Origin	Altitude at Origin
1	Ganga River	40	Gangotri glacier in the Himalayas	7.010 m
2	Gumani River	44	Sundar Pahari	456 m

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Fig. 5.1:-Drainage Map Of Sahibganj District.



### 5.2 Irrigation Pattern:

Paddy and maize are important crops grown in the district. Linseed, groundnuts, sweetpotatoes and khesari are other crops grown widely in Rajmahal and its adjoining areas

Irrigational facilities are not adequate in this district. The most common source is the dug well, but this is not a very dependable source of irrigation. The major part of the district being rocky in nature, it is difficult to dig wells. The undulating nature of land makes it possible to store rain water by bunding. Apart from being dependent upon rains, these are by no means adequate. The result is that failure of rains invariably involves failure of crops except in small pockets.

The local population of the district mostly depends on agriculture and forestry for their sustenance. The agriculture activity of the area is solely dependent upon the monsoon rainfall. Paddy is the main crop of the district. Gram and Khesari are other crops grown widely in Rajmahal and its adjoining areas. Irrigational facilities are not adequate in this district. The most common source is the dug well, but this is not a very dependable source of irrigation. The major part of the district being rocky in nature, it is difficult to dig wells. The undulating nature of land makes it possible to store rain water by banding. Apart from being dependent upon rains, these are by no means adequate. The result is that failure of rains invariably involves failure of crops except in small pockets. Minor irrigation structures like surface water tanks and ponds are the other source for irrigation.

### 5.3 Cropping Pattern:

The major crops cultivated in the area are paddy, wheat, maize, gram, oil seeds, pulses and vegetable. The paddy is grown in all the three cropping season viz., Aghani, Bhadai and summer. Summer paddy is mainly cultivated in the low lying area along the river course where water is available for sufficient irrigation. But the land available for cultivation is very limited because of the hilly and rugged topography. Area under crop for the year 2015 – 16 of the district is presented in table:-

Block	Major Crops				
	Paddy	Wheat	Gram	Maize	Pulses
Sahebganj	28.96	399.97	47.15	811.03	18.26
Borio	1661.59	141.58	93.30	--	177.29
Mandro	2291.92	16.13	0.55	--	6.47
Barhait	4665.54	315.45	326.55	--	406.96
Rajmahal	2497.6	387.49	116.68	--	78.42
Udhwa	2167.84	334.46	67.91	--	19.46
Taljhari	3017.48	308.99	184.77	--	167.45
Pathna	2886.91	599.73	686.80	--	356.3
Barharwa	6993.25	725.06	296.60	--	448.66
Total	26211.08	3228.86	1820.31	811.03	1679.27

Table 5.3:- Cropping pattern of Sahebganj district (2015-16)

  
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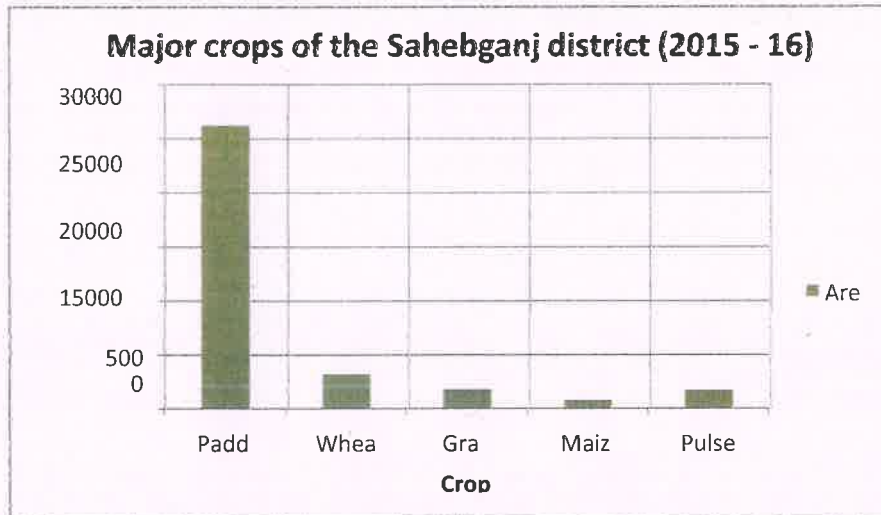


Figure 5.2 :- Major crops of Sahebganj district (2015 – 16)

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## 6. LAND UTILIZATION PATTERN OF THE DISTRICT

### 6.1 Land Utilization Pattern:

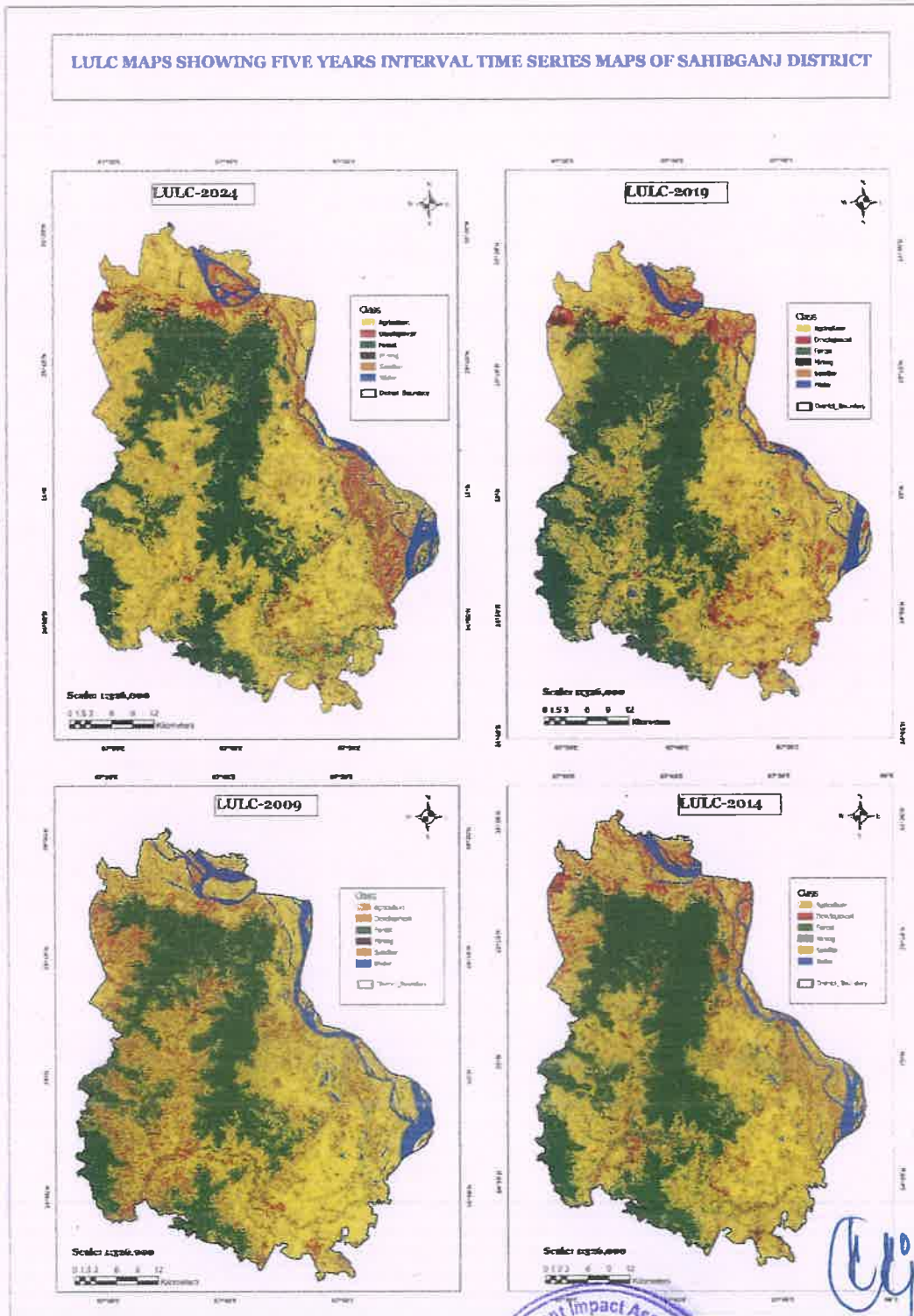


Fig 6.1:- LULC Map of Sahibganj District



  
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LULC 2024			
Class	Area	Area (%) IN HEC	
Water	6256.27	2.86%	
Development	15229.36	6.97%	
Sandbar	878.85	0.40%	
Forest	69896.94	31.98%	
Mining	2742.04	1.25%	
Agriculture Land	123559.22	56.53%	
<b>TOTAL</b>	<b>218562.67</b>	<b>100.00%</b>	
LULC 2019			
Class	Area	Area (%) IN HEC	
Water	11556.29	5.29%	
Development	13183.94	6.03%	
Mining	4775.38	2.18%	
Forest	75650.77	34.61%	
Agriculture	111902.13	51.20%	
Sandbar	1496.11	0.68%	
<b>TOTAL</b>	<b>218564.61</b>	<b>100.00%</b>	
LULC 2014			
Class	Area	Area (%) IN HEC	
Water	7969.77	3.65%	
Development	14004.27	6.41%	
Mining	1924.03	0.88%	
Forest	81219.87	37.16%	
Sandbar	3821.45	1.75%	
Agriculture Land	109623.21	50.16%	
<b>TOTAL</b>	<b>218562.61</b>	<b>100.00%</b>	
LULC 2009			
Class	Area	Area (%) IN HEC	
Water	9491.11	4.34%	
Development	32646.13	14.94%	
Mining	7718.79	3.53%	
Forest	70417.56	32.22%	
Sandbar	2740.38	1.25%	
Agriculture Land	95548.41	43.72%	
<b>TOTAL</b>	<b>218562.38</b>	<b>100.00%</b>	

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A large part of the district is hilly. The vast tract of land enclosed between hill ranges. The region on the bank of the Ganges is fertile and richly cultivated. The Ganges, Gumani and Bansloi rivers flow through this region. This area has plenty of fertile lands and is richly cultivated.


Change Dynamic maps of NDVI (NORMALIZED DIFFERENCE VEGETATION INDEX) in 5 years of interval :

NDVI (Normalized Difference Vegetation Index) is a remote sensing method that uses the reflectance of light in the visible and near-infrared (NIR) wavelengths to determine the amount and health of vegetation in an area. NDVI is widely used in agriculture, forestry, and ecology to monitor the growth and health of vegetation and to identify areas of stress or damage. NDVI values can also be used to map and classify vegetation types, and to detect changes in vegetation cover over time.

Plants have a unique reflectance characteristic, they reflect more near-infrared (NIR) light and absorb more visible light. When plants are healthy, they have a high chlorophyll content, which allows them to absorb more light in the red region of the spectrum and reflect more light in the NIR region. So NDVI uses this characteristic of plants to differentiate healthy vegetation from non-vegetation or unhealthy vegetation.

The formula of NDVI has been calculated in Arcgis Pro 3.0 with the help of Raster Calculator:-

$$(NIR - R) / (NIR + R)$$

  
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NDVI MAPS SHOWING FIVE YEARS INTERVAL TIME SERIES MAPS OF SAHIBGANJ DISTRICT

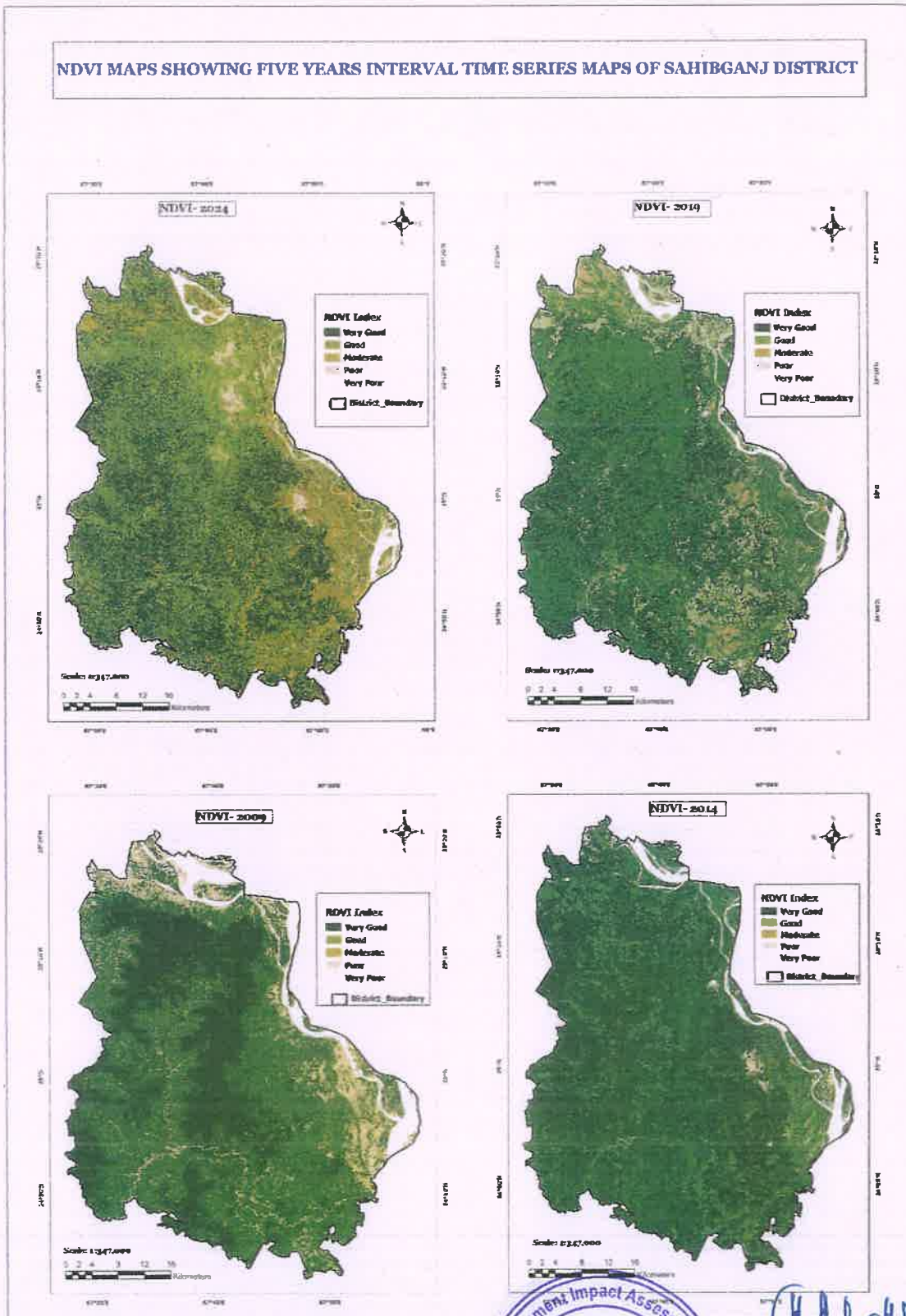


Fig 6.2:- NDVI Map of Sahibganj District.



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Table 6.1 :- Land use pattern of Sahebganj district.

Block	Total area (Sq. Km)	Forest land	Barren & non-agricultural land	Cultivable land	Permanent pastures & other grassing land	Land tunder miscellaneous trees	Current fallow	Fallow land other than current fallow	Net area sown
Sahebganj	173.27	--	1689.45	1794.68	0.87	23.42	4699.93	2243.29	3062.69
Borio	261.74	12336.27	1834.38	3439.01	1448.00	270.95	5763.64	6769.30	2663.81
Mandro	123.52	7892.23	375.33	398.74	292.63	88.09	6435.37	4281.97	2050.60
Barhait	308.82	4016.29	3623.08	2133.34	1396.08	1700.68	6464.55	8462.62	6786.80
Rajmahal	126.93	--	244.53	138.85	141.06	0.04	4040.04	2385.53	3391.19
Udhwa	199.13	--	127.67	47.16	25.97	115.37	4190.34	673.86	2674.29
Taljhari	158.28	2650.61	1726.35	1056.88	313.05	106.51	7600.10	4300.93	4333.54
Pathna	163.16	1112.49	1641.11	1014.17	585.21	392.60	996.66	3946.30	6323.15
Barharwa	187.25	--	47.31	74.33	386.47	87.59	1144.10	2794.03	13443.11
<b>Total</b>	<b>1702.10</b>	<b>28007.89</b>	<b>11309.21</b>	<b>10097.16</b>	<b>4589.34</b>	<b>3085.25</b>	<b>41334.73</b>	<b>35857.83</b>	<b>44729.18</b>

## 6.2 Forest:

Total area covered under forest in Sahibganj district is about 767440 Acres or 30882 hectares, which is mostly barren. Owing to large scale unscrupulous felling the region once known for its thick and extensive forests is now bereft of much of its jungle wealth. The Forest department has under taken afforestation of these areas to some extent.

The most common tree found in the district is sal (*Shorea robusta*). Some teak of inferior variety is also found. Some tree found are jackfruit, murga, simal, bamboos, asan and satsal. Sal and simal logs and jackfruit are exported in large quantities to the neighboring districts and also to the places outside Jharkhand. Stray cattle are a common site in the district.

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DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



District wise Forest Cover Area in Jharkhand Area in Km<sup>2</sup>

Table 13.11.3 District-wise Forest Cover in Jharkhand

(In sq km)

District	Geo-geographical Area (GA)	2021 Assessment				Total	%of GA	Change wrt 2019 assessment	Scrub
		Very Dense Forest	Mod. Dense Forest	Open Forest					
Bokaro	2,883	60.99	231.94	283.07	576.00	19.98	2.45	37.95	
Chatra	3,718	244.28	871.73	666.08	1,782.09	47.93	4.74	23.57	
Deoghar	2,477	0.00	14.30	191.50	205.80	8.31	2.09	14.04	
Dhanbad	2,040	0.00	44.00	174.18	218.18	10.70	4.67	16.05	
Dumka	3,761	0.00	259.40	318.23	577.63	15.36	0.32	44.55	
East Singhbhum	3,562	54.81	591.69	434.19	1,080.69	30.34	1.31	20.91	
Garhwa	4,093	125.14	415.60	890.98	1,431.72	34.98	40.13	44.32	
Giridih	4,962	77.16	338.56	490.19	905.91	18.26	4.67	28.92	
Godda	2,266	12.81	271.88	138.66	423.35	18.68	0.00	14.27	
Gumla	5,360	304.69	585.81	552.65	1,443.15	26.92	0.89	8.25	
Hazaribagh	3,555	230.11	348.54	784.54	1,363.19	38.35	10.42	15.99	
Jamtara	1,811	0.00	20.84	85.18	106.02	5.85	5.38	5.32	
Khunti	2,535	72.97	344.59	496.18	913.74	36.04	8.25	3.11	
Koderma	2,540	80.80	494.43	447.82	1,023.05	40.28	-0.42	6.37	
Latehar	4,291	480.36	1,308.93	613.75	2,403.04	56.00	-3.30	9.30	
Lohardaga	1,502	174.03	218.40	111.99	504.42	33.58	-0.20	7.66	
Pakur	1,811	2.96	172.40	111.64	287.00	15.85	-0.13	20.06	
Palamu	4,393	62.82	512.73	640.18	1,215.73	27.67	14.95	84.23	
Ramgarh	1,341	30.96	109.32	190.98	331.26	24.70	2.26	14.49	
Ranchi	5,097	62.89	363.91	741.98	1,168.78	22.93	4.29	27.98	
Sahibganj	2,063	17.74	258.73	297.48	573.95	27.82	1.60	47.53	
Seraikela-Kharsawan	2,657	22.03	213.84	338.73	574.60	21.63	0.56	21.87	
Simdega	3,774	21.97	343.54	877.89	1,243.40	32.95	2.48	20.28	
West Singhbhum	7,224	461.53	1,353.80	1,553.11	3,368.44	46.63	2.32	47.18	
<b>Grand Total</b>	<b>79,716</b>	<b>2,601.05</b>	<b>9,688.91</b>	<b>11,431.18</b>	<b>23,721.14</b>	<b>29.76</b>	<b>109.73</b>	<b>584.20</b>	

(Source: India state of forest report 2011-Jharkhand)

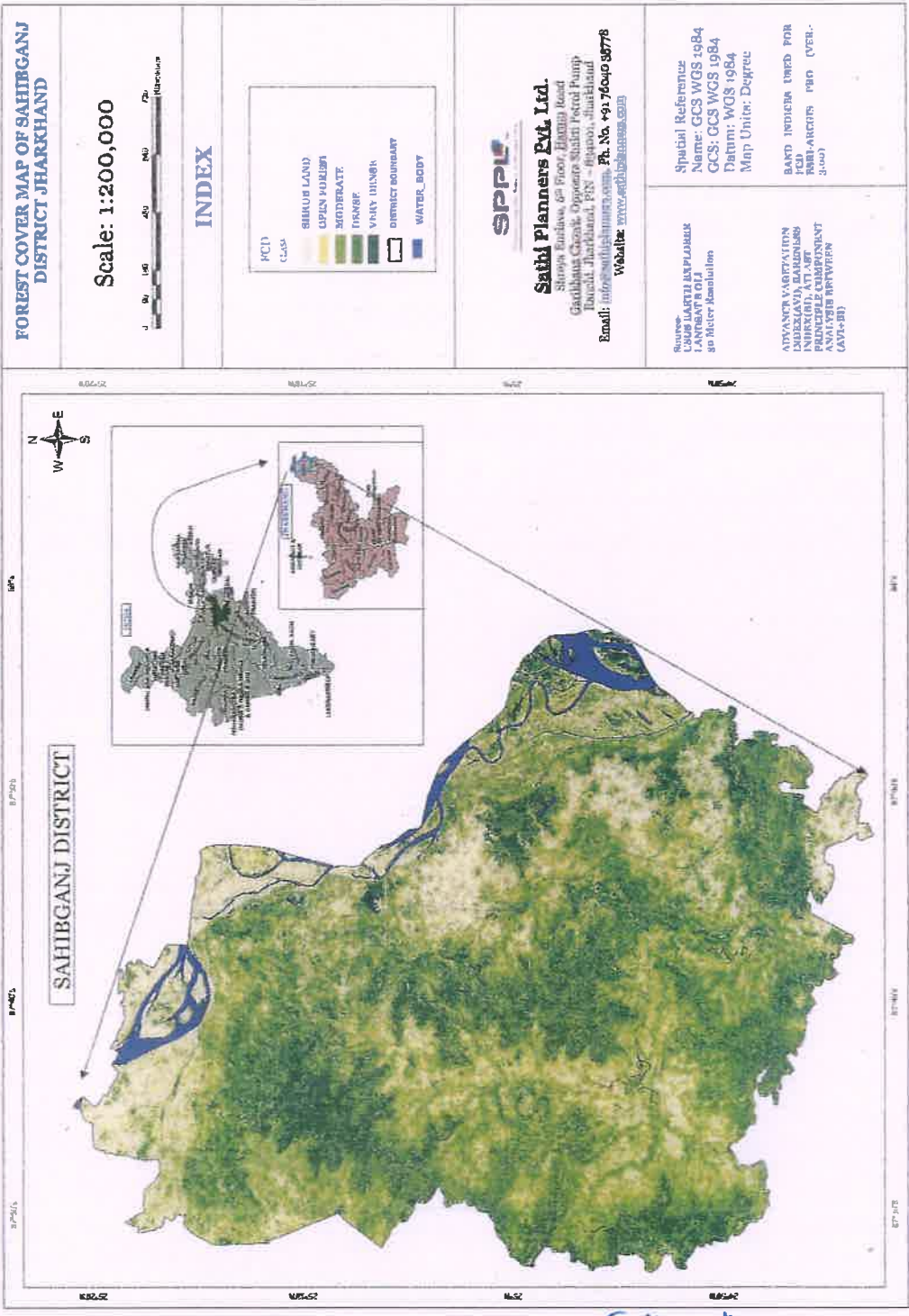
The geographical features of Sahibganj district cannot be shared without mentioning its rich wealth of forested areas. The region was once one of the most vegetative, rich and extensive forested areas of the state. Going back to the history of Jharkhand state, one can find references of how the forest wealth, being a rich source of timber and other forest produce have been cut and sold by the early Zamindars of the region to earn revenue. This act of exploiting the forested region has resulted into making the area scattered. Moreover there are several villages located in this area who are depended on the forest produce for their timber, fodder and fuel requirements. Apart from these natural conditions like soil erosion, landslides are also responsible for destroying the richness of these forested areas. However the Government is taking measures for afforestation in collaboration with the forest Department so that much of the jungle wealth can be restored. The major trees available here are Sal, Teak, Bamboo, Simal, Murga, Asan, Jackfruit and others. Many of the forest produce in this region are exported to various others districts of the state and even beyond.



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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND**



**FOREST COVER MAP OF SAHIBGANJ DISTRICT JHARKHAND**

Scale: 1:200,000



**INDEX**

KCD CLASS	DESCRIPTION
1	BHULUB LAND
2	OPEN FOREST
3	SCATTERED
4	THICK
5	VERY THICK
6	DISTRICT BOUNDARY
7	WATER BODY



**Sathi Planners Pvt. Ltd.**  
 Shriya Building, 6th Floor, Bhubaneswar Road  
 Gandhinagar, Opposite Shakti Petrol Pump  
 Ranchi, Jharkhand, PIN - 834001, Jharkhand  
 Email: [info@sathiplanners.com](mailto:info@sathiplanners.com), Ph. No. +91 76040 98778  
 Website: [www.sathiplanners.com](http://www.sathiplanners.com)

Spatial Reference  
 Name: GCS WGS 1984  
 GCS: GCS WGS 1984  
 Datum: WGS 1984  
 Map Units: Degree

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Fig 6.3:- Forest Cover Map of Sahibganj District.



## 7. SURFACE WATER AND GROUND WATER SCENARIO OF THE DISTRICT

### 7.1 Hydrogeology

The occurrence and movement of ground water in the area is variable, which is broadly governed by geological frameworks i.e., nature of rock formations including their porosity (primary and secondary) and permeability. The principal aquifer in the area is Basalt, where the occurrence and movement of ground water primarily depends on the degree of interconnection of secondary pores/voids developed by fracturing and weathering. Rajmahal Traps in the area constitutes number of basaltic flows separated by intertrappean beds which are often agillaceous and arenaceous in nature. The intertrappean beds separates two flows occurs as impermeable beds. The distinctive hydrogeological features of the basaltic rocks is the significant primary porosity in the form of vesicles, cracks etc. The secondary porosity is developed due to fracturing during cooling of lavas, tectonic disturbances, weathering etc. Laterites are mainly of insitu origin and have formed by subaerial erosion of underlying basalts under favourable climatic condition. The study reveals that vesicular basalts, laterites, intertrappeans formation etc form suitable condition for ground water storage. The alluvium occurs in the northern and eastern boundary of the district, which is composed mainly of sand and sub ordinate clay. Younger alluvium (upto 70 m) is most productive rather than older alluvium.

### River System

The river Ganges forming the northern boundary of the district enters into it along the north – west corner and flow eastward upto Sakrigali. Here it takes a turn to the south and then forward forming the eastern boundary of the district upto a little beyond Radhanagar in Rajmahal sub division. The other rivers of the district are Gumani and Morang. The river Gumani flows SW to NE direction upto Barhait then it turn to east direction. The river Morang flows from north to south direction and join river Gumani near Barhait. The drainage pattern of the district is dendritic. All these rivers are seasonal in nature except the river Ganges.

The course of River Ganga in Sahibganj is quite unique having its entry from the north western side bordering the northern side of Sahibganj and then flowing eastward till Sakrigali, then taking a sharp turn to the southern section forming a southern boundary to the area till a place called Radhanagar situated close to Rajmahal Subdivision. The River Ganga in its course down the years have shifted more towards the northern side, the reason why Sahibganj town is now based at a distance of a mile from the river banks was once situated on it. Ferry services are available from Sahibganj ghat, Manihari ghat of Kathiar district and Manikchak ghat of Maldah, West Bengal. The Bansloi River initiates from the beautiful Bans Hills located in Sahibganj district but in its course diverse to Pakur division which was recently separated from Sahibganj district. River

Ghumani also flowing in this region emerges from southern part of Rajmahal hills and flows to Barhait valley and then joins River Mural and together it takes a south eastern coarse to join River Ganges but beyond the district limits.



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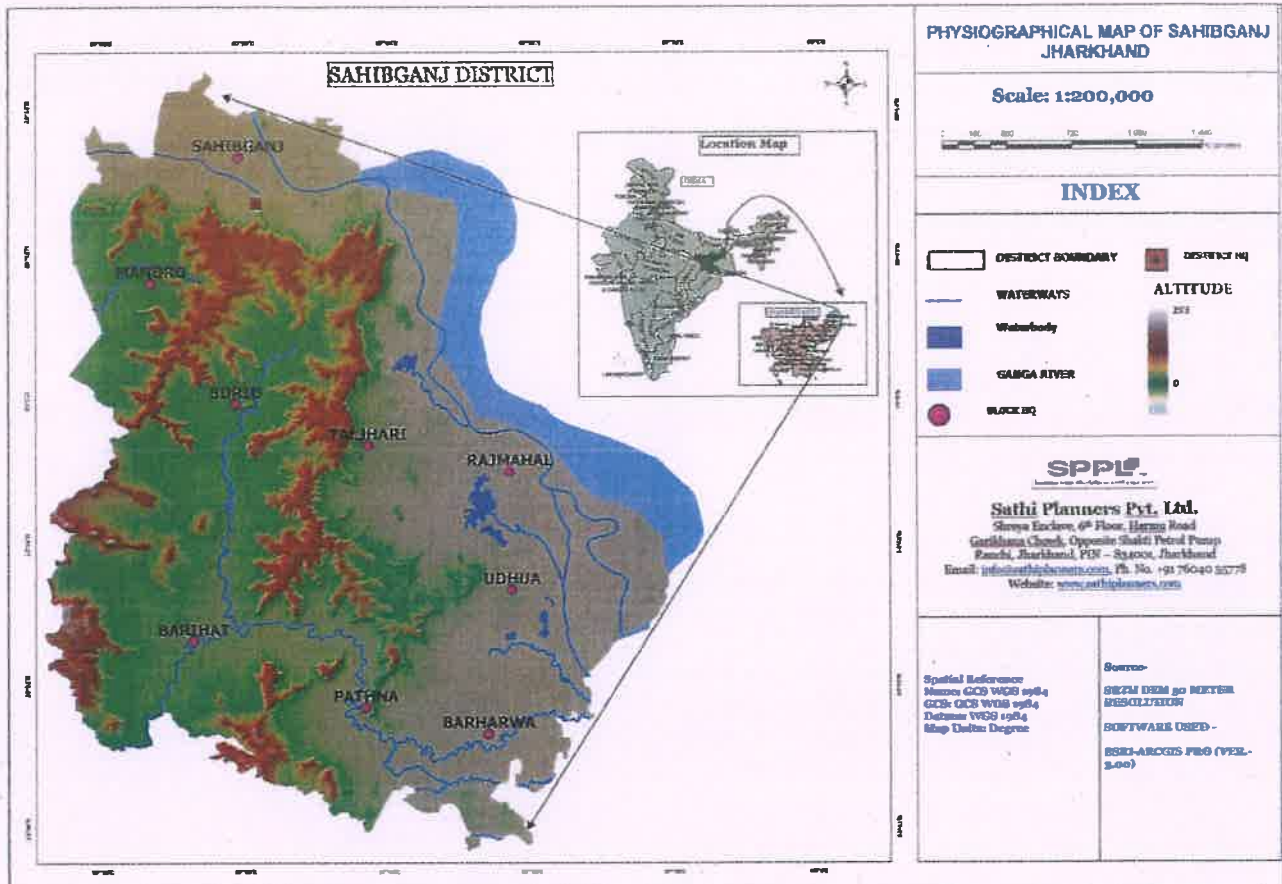


Fig 7.1:- Physiographical Map Of Sahibganj District

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Fig 7.2 :- Geohydrology map of Sahibganj District.

### 7.2 Exploratory wells:

To understand the sub – surface geology, identify the various water bearing horizons including their depth, thickness and compute the hydraulic characteristics such as transmissivity and storativity of the aquifers, exploratory drilling programme was carried out by Central Ground Water Board 18 exploratory and 11 observation wells drilled in hard rock area and 1 exploratory well drilled in soft rock (alluvium) area of the district through departmental rigs. In addition to this 11 Exploratory wells were also drilled in hard rock formation and three in alluvial formation through outsourcing. 27 key wells were established to assess the ground water scenario of shallow aquifer (Aquifer-I) of the area. The depth of these dug well varies from 5.77 to 14.80 mbgl. Similarly, the diameters of key wells (dug wells) ranges from 0.80 to 4.46 m. During 2016, the pre monsoon (May) depth to water level in these wells was between 2.84 to 11.51 mbgl. The post monsoon depth to water level (Nov. 2016) in the dug wells ranges from 1.48 to 7.50 mbgl. In 2017, water level of key wells monitored was between 2.58 to 11.15 and 1.14 to 6.51 mbgl for the period of pre and post monsoon respectively. A detail of key wells and water level data is presented in Annexure – II & III. Location of key wells and exploratory wells.





### 7.3 Depth to Water Level:

27 key wells were established to assess the ground water scenario of shallow aquifer (Aquifer-I) of the area. The depth of these dug well varies from 5.77 to 14.80 mbgl. Similarly, the diameters of key wells (dug wells) ranges from 0.80 to 4.46 m. During 2016, the pre monsoon (May) depth to water level in these wells was between 2.84 to 11.51 mbgl. The post monsoon depth to water level (Nov. 2016) in the dug wells ranges from 1.48 to 7.50 mbgl. In 2017, water level of key wells monitored was between 2.58 to 11.15 and 1.14 to 6.51 mbgl for the period of pre and post monsoon respectively.

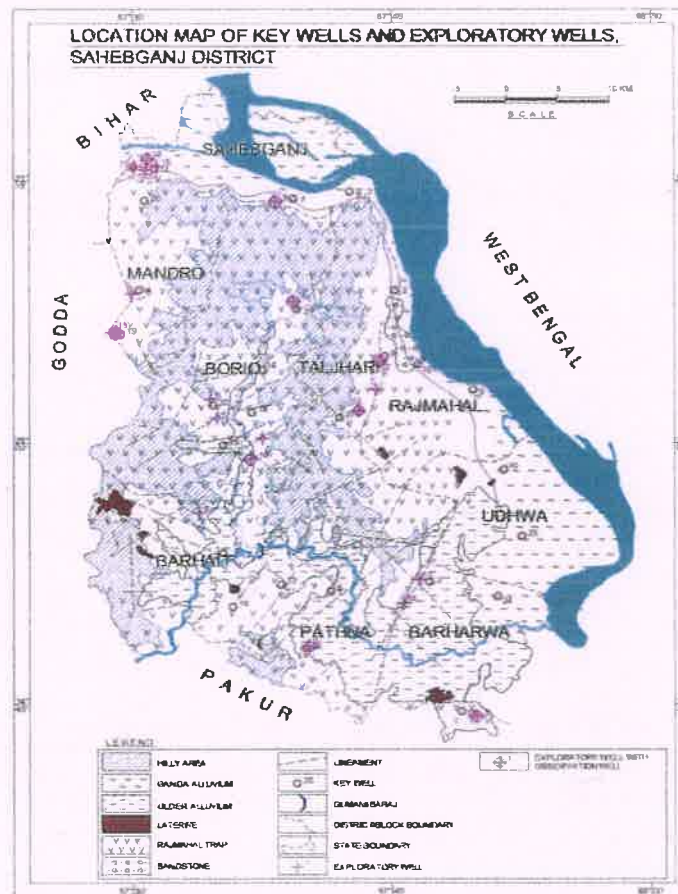


Fig 7.3 :- Location of key wells and exploratory wells

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#### 7.4 Ground Water In Aquifer-I(Alluvium/Laterite/ Weathered Basalt):

Ground water occurs under phreatic/ unconfined to semi-confined conditions in Aquifer-I which is represented by Alluvium, Laterite, weathered Basalt. In the eastern and northern margin of the area recent alluvium of the Ganges fringe the older rocks which is composed mainly of sand and sub-ordinate clays. Ground water occurs in unconfined state in shallow Aquifer-I tapped by laterites, weathered basalts ( Upto 30 m depth) , however in some cases where alluvium thickness is more( upto 150 m in Sahebganj block). Ground water occurs in unconfined to semi-confined state in Aquifer-I ( upto the depth of 60m). Yield of the wells in Aquifer-I ranges from 25-30 m<sup>3</sup>/hr in alluvium and 5 m<sup>3</sup>/hr in Laterites/Weathered Basalt.

#### 7.5 Ground Water In Aquifer-II (Fractured Basalt):

Ground water occurs under Semiconfined to confined condition in Aquifer-II represented by Fractured/Jointed /Vesicular Basalt upto the depth of 156.0m depth . Yield of the wells in Aquifer-II is upto 50m<sup>3</sup>/hr. The high yielding aquifers are generally encountered in fractures/joints between 45-100 depth, however in some cases deeper fractures were encountered between 110-150m at Taljhari, Barharwa, Nishinta , Khaira etc

#### 7.6 Seasonal Fluctuation:

From the pre monsoon and post monsoon depth to water level data collected during 2016 and 2017 respectively. The water level monitored during pre and post monsoon period 2016 and 2017 was used to compute the seasonal fluctuation. The seasonal water level fluctuation was observed between 0.16 to 5.45 m and 0.77 to 6.65 m for the period between pre monsoon and post monsoon 2016 and 2017 respectively.

#### 7.7 Long term water level trend:

Water level of an area depends upon various factors like the storage of ground water development and variation in rainfall over a long period, recharge from rainfall and different sources. Central Ground Water Board has established eight National Hyrdograph Stations (NHS) for the study of water level behavior in the district. The water level data of each station has been analyzed. In order to study long term behavior of the water levels and also the effect of various developmental activities with time, the data for the period 1998-2018 have been computed and analyzed presented in table - 9. The pre monsoon water level trend analysis showing declining trend in 83% wells. The post monsoon water level is showing rising and declining trend in 50% wells each.

  
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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**



SL.NO.	BLOCK	YIELD	DEPTH
1	SAHIBGANJ	200-400 LPM	30-80 M
2	MANDRO	10-50 LPM	30-80 M
		10-50 LPM	> 80 M
		100-200 LPM	30-80 M
		200-400 LPM	30-80 M
3	BORJO	10-50 LPM	30-80 M
		10-50 LPM	> 80 M
		100-200 LPM	30-80 M
		200-400 LPM	30-80 M
		50-100 LPM	30-80 M
4	TALJHARI	10-50 LPM	30-80 M
		10-50 LPM	> 80 M
		100-200 LPM	30-80 M
		200-400 LPM	30-80 M
		50-100 LPM	30-80 M
5	BARHATT	10-50 LPM	30-80 M
		100-200 LPM	30-80 M
		200-400 LPM	30-80 M
		50-100 LPM	30-80 M
6	RAJMAHAL	100-200 LPM	30-80 M
		200-400 LPM	30-80 M
7	UDHWA	10-50 LPM	30-80 M
		100-200 LPM	30-80 M
		200-400 LPM	30-80 M
		200-400 LPM	> 80 M
8	BARHARWA	100-200 LPM	30-80 M
		200-400 LPM	30-80 M
		50-100 LPM	30-80 M
9	PATHNA	10-50 LPM	30-80 M
		10-50 LPM	> 80 M
		100-200 LPM	30-80 M
		200-400 LPM	30-80 M
		50-100 LPM	30-80 M



  
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### 7.8 Ground Water Resources:

Based on the recommendation of the Ground Water Estimation Committee – 1997 (GEC – 1997), block wise the ground water resource assessment has been carried out for all the blocks of the district. The net ground water availability of the district is 23592.49 ham. The gross ground water draft for all uses of the district is 3254.21 ham. The average stage of ground water development in the district is 13.79%. All blocks of the district are falling under “Safe” category. The stage of ground water development varies from 3.23% to 62.38%. The net ground water availability for future irrigation development for the district is 21424.49 ham.

### 7.9 Ground Water Quality:


To assess the quality of ground water, 23 samples were collected from dug wells representing Aquifer – I. Similarly, 24 samples from hand pumps were collected to evaluate the ground water quality of Aquifer – II. In addition, 60 sample in 2007, 61 sample in 2015 and 33 samples from Sahebganj, Rajmahal and Udhwa blocks were collected for the study of Arsenic and Iron contamination in ground water. These samples were analyzed to assess the chemical quality of ground water and its suitability for drinking and irrigation purposes. The samples represent the quality of phreatic zone or the shallow zone. The ground water samples were analysed for major chemical constituents by using standard procedure at chemical laboratory in CGWB, MER, Patna. The results of ground water samples were analyzed in accordance with the standard (ISI – 1993) for drinking purpose. In general the quality of ground water in the phreatic aquifer is suitable for drinking and irrigation purpose except few samples, which shows nitrate concentration more than permissible limit. The EC value ranges from 193 – 1687 micro Siemens/cm at 250c.

During the Ground Water Management Studies (AAP 2006 – 07), 60 acidified samples were collected from Gangetic alluvium of the district for the study of Arsenic in ground water. As per the analytical results of these samples, the Arsenic concentration is found more than 50 ppb in 20% of the samples and in 16.66% of the samples Arsenic value ranges between 10 – 50 ppb.

### 7.10 Status of Ground Water Development:

In view of above, the focus of proposed management plan was to enhance the overall ground water development from the present 13.79% to 70%. Total 39991 dug wells (15-20 m depth; 2 to 4 m diameter @ Rs. 2.50 lakh/dug well) are recommended to be constructed in feasible areas. Similarly, 9720 shallow depth bore wells/tube wells (60 - 90 m depth; 100-150 mm dia @ Rs.0.60 lakh/ bore well) are also recommended to be drilled in feasible areas. Proposed number of abstraction structure.

It is necessary that proposed Additional ground water abstraction structure may be constructed in three phases with proper site selection. The results of the first phase of ground water development together with studies of the behavior of ground water regime will guide further ground water development to achieve 100% utilisation.

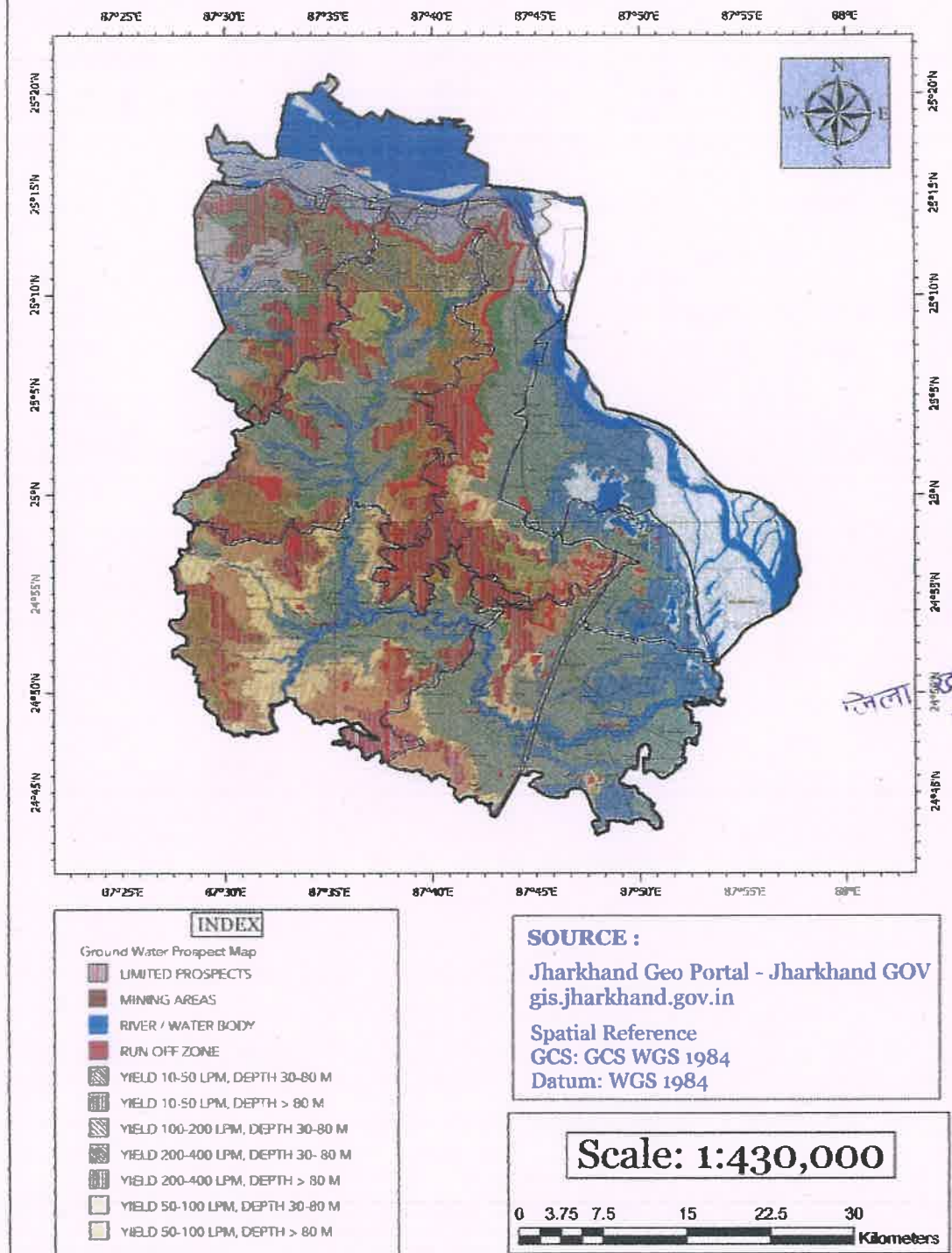
  
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DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE) EARTH WORK  
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GROUND WATER PROSPECT MAP OF SAHIBGANJ DISTRICT



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Fig 7.4:-Map Showing Depth of Water Level of Sahibganj  
Source:- Jharkhand Space application centre.





### 7.11 Ground Water Development:

In view of above, the focus of proposed management plan was to enhance the overall ground water development from the present 13.79% to 70%. Total 39991 dug wells (15-20 m depth; 2 to 4 m diameter @ Rs. 2.50 lakh/dug well) are recommended to be constructed in feasible areas. Similarly, 9720 shallow depth bore wells/tube wells (60 - 90 m depth; 100-150 mm dia @ Rs.0.60 lakh/ bore well) are also recommended to be drilled in feasible areas. Proposed number of abstraction structure.

It is necessary that proposed Additional ground water abstraction structure may be constructed in three phases with proper site selection. The results of the first phase of ground water development together with studies of the behavior of ground water regime will guide further ground water development to achieve 100% utilisation.

At present as per Ground Water Resource Estimation 2013, the stage of ground water development is very low i.e., 13.79% and all the block of the district comes under safe category. However in some parts of the district long term declining trend has been noticed. Therefore, the ground water development should also be coupled with ground water augmentation, so that there is no stress on ground water regime of the area. The supply side interventions envisages construction of Rainwater Harvesting and Artificial Recharge structures in the areas feasible for construction of recharge structures based on the long term water level scenario and recharge potential of the aquifer. Area feasible for artificial recharge interventions is shown in figure - 36. The implementation of water conservation through artificial recharge measures will have a positive impact on drinking water sources of the area. It will ensure that the wells don't go dry during summer/lean/stress period in the areas of implementation and sufficient ground water availability is there in the wells even during the summer season. Thus not only the drinking and domestic water sources will be strengthened but additional irrigation potential can be created through artificial recharge structures.

### 7.12 Water Conservation and Artificial Recharge:

In view of the increasing thrust on development of ground water resources, there is urgent need to augment the depleting ground water resources. This gets augmented through natural recharge and can be augmented in an increased scale through artificial recharge. From hydrogeological point of view, rain water conservation is needed to arrest decline in ground water levels and to improve ground water quality by dilution. The construction of water conservation structures, artificial recharge structures, depends on the topographic features, hydrological and hydrogeological conditions of the area. From this point of view, the Sahebganj district may be divided into two parts - 1) the hard rock area i.e. basaltic terrain is undulating topographic setting with hills is suitable for check dam, gabion structures, percolation tank, contour bunding and trenching 2) the alluvial area is suitable for recharge shaft and percolation tank.

### 7.13 Ground Water Related Issue and Problems:

The Arsenic concentration has been found more than permissible limits in some villages like Hazipur Bihta, Dihari, Bari Kudarjana, Nadhi Dera, Reza Nagar, Baluadiara and Chanan of Sahebganj block.

#### Awareness and Training Activity

THE MASS AWARENESS PROGRAMME (MAP) BY CGWB -

NIL

Participation in Exhibition, Mela, Fair etc. -

NIL

**Presentation and Lecture deliver in public forum / Radio / T.V / Institution of repute / Grassroots association / NGO / Academic institution etc. - Nil**





#### 7.14 Area Notified by CGWB:

As per the ground water resource assessment report of Jharkhand state, all blocks of the district fall under the safe category. Thus, the authority has not been notified any of the blocks.

#### 7.15 Recommendation:

1. Fluoride concentration in ground water (bore well) exceeds the permissible limits in/around villages Dharampur Morh, amrapara, Bannawgram, Dhekiduba, Jatang, Khakhsa and Rajdaha. In fluorideaffected area, the ground water must be used after defluoridation through fluoride removal plants. Alternative source may be identified. The existing fluoride affected sources may be sealed.
2. Nitrate concentration in shallow aquifer (dug well) is found more than permissible limit in/around villages Bannawgram (Pakuria Block), Kairachhatar (Maheshpur Block) and Litipara (Litipara Block). The bore well may be a better alternate option for the drinking water purposes for the above villages.
3. The exploration data indicates the poor percentage of successful bore wells in the district. Thus the geophysical surveys may be adopted for selection of suitable sites for ground water exploration.
4. In order to conserve run – off water during monsoon, the water conservation and recharge structure may be constructed in and around Barharwa, Barhait, Borio, Sahebganj and Sakrigali villages where the long term (2002 – 2011) water level trend shows declining trend during post monsoon.

#### DETAILS OF EXPLORATORY WELLS DRILLED BY CGWB IN SAHEBGANJ DISTRICT

Sr. No	Location/ Block	Depth Drilled (mbgl)	Length of casing pipe/ Depth const. (m)	Dis- charge (mg/hr)	Draw- down (m)	Specific Capacity (mg/hr/m)	Trans- missivity (m <sup>2</sup> /day)	Storativity
1	Barharwa	100.00	44.70	51.60	8.92	5.78	176.00	01.40 X 10 <sup>-4</sup>
	OW	90.70	--	--	--	--	--	--
2	Barhait	90.65	16.00	21.10	15.34	1.70	44.00	--
	OW	100.00	--	--	--	--	--	--
3	Borio	75.00	14.20	21.00	9.65	2.17	32.30	07.00 X 10 <sup>-5</sup>
	OW	44.20	--	--	--	--	--	--
4	Rajnabai	74.45	24.30	6.12	3.67	1.66	86.00	07.30 X 10 <sup>-5</sup>
	OW	74.45	--	--	--	--	--	--



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5	Sahebganj	54.15	--					
6	Borio	200.00	29.70					
7	Mandro	200.00	32.00					
8	Tajhari	200.00	31.00	47.88	25.14	1.90	12.00	--
	OW	200.00	32.00	47.88	11.76	4.07	17.50	01.25 X 10 <sup>-3</sup>

**Table-7.2 : Ground Water Resources Availability, Draft and Stage of GW Development (as on 31<sup>st</sup> March 2013)**

Assessment Unit, District	Net Ground Water Availability	Gross Ground Water Draft for Irrigation	Gross Ground Water Draft for Domestic water Supply	Gross Ground Water Draft for Industrial water Supply	Gross Ground Water Draft for all Uses	Future Domestic and Industry use	Future Irrigation use	Stage of Ground Water Development (%)
Barhait	2833.94	102.50	243.58	9.16	355.24	81.00	2650.44	12.54
Barharwa	3737.98	223.50	310.48	9.45	543.42	112.00	3402.48	14.54
Borio	976.36	46.00	168.55	4.98	219.52	61.00	869.36	22.48
Mandro	800.61	344.00	110.46	0.00	454.46	47.00	409.61	36.76
Pathna	2522.61	137.50	119.63	0.00	277.23	51.00	2314.31	10.99
Rajmahal	2648.65	105.00	232.70	3.26	340.96	91.00	2452.65	12.87
Sahebganj	4272.65	30.00	107.90	0.00	137.90	26.00	4196.65	3.23
Tajhari	582.61	252.00	111.44	0.00	363.44	48.00	282.61	62.38
Udhwa	5217.09	260.50	293.99	7.63	562.12	110.00	4846.59	10.77
<b>Total</b>	<b>23592.49</b>	<b>1521.00</b>	<b>1698.73</b>	<b>34.48</b>	<b>3254.21</b>	<b>647.00</b>	<b>21424.49</b>	<b>13.79</b>



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**Table -7.3 : Details of chemical result of Arsenic**

Year	Name of block	Number of samples collected	Percentage of samples		Maximum value found (mg/l)
			Within permissible limit (< 0.05 mg/l)	Beyond permissible limit (> 0.05 mg/l)	
2007	Sahebganj	60	80%	20%	0.09
2015	Sahebganj	39	47%	53%	0.32
	Rajmahal	23	87%	13%	0.077
	Udhwa	18	83%	17%	0.10
2017	Sahebganj	24	50%	50%	0.29
	Rajmahal	14	94%	6%	0.072
	Udhwa	04	25%	75%	0.055

**Table -7.4 : Details of chemical result of Iron**

Year	Name of block	Minimum value found (mg/l)	Maximum value found (mg/l)
2013	Sahebganj	0.396	7.356
	Rajmahal	0.428	8.516
	Udhwa	1.782	6.35

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## 8. RAINFALL AND CLIMATE OF THE DISTRICT

### **8.1 Climatic Condition:**

The driest month is December. There is 1 mm of precipitation in December. In July, the precipitation reaches its peak, with an average of 323 mm. The district is characterized by humid to sub-humid climate.

A wet day is one with at least 0.04 inches of liquid or liquid-equivalent precipitation. The chance of wet days in Sāhibganj varies very significantly throughout the year.

The wetter season lasts 4.9 months, from May 8 to October 4, with a greater than 36% chance of a given day being a wet day. The month with the most wet days in Sāhibganj is July, with an average of 20.4 days with at least 0.04 inches of precipitation.

The drier season lasts 7.1 months, from October 4 to May 8. The month with the fewest wet days in Sāhibganj is December, with an average of 0.6 days with at least 0.04 inches of precipitation.

Among wet days, we distinguish between those that experience rain alone, snow alone, or a mixture of the two. The month with the most days of rain alone in Sāhibganj is July, with an average of 20.4 days. Based on this categorization, the most common form of precipitation throughout the year is rain alone, with a peak probability of 70% on July 6.

### **8.2 Temperature**

The hot season lasts for 2.8 months, from March 23 to June 16, with an average daily high temperature above 98°F. The hottest month of the year in Sāhibganj is May, with an average high of 103°F and low of 80°F.

The cool season lasts for 2.4 months, from November 22 to February 5, with an average daily high temperature below 82°F. The coldest month of the year in Sāhibganj is January, with an average low of 50 F and high of 78 F

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## Climate Sahibganj: Weather By Month

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Nov	Oct	Dec	Year
Record high °C (°F)	30.0 (86.0)	35.0 (95.0)	43.3 (109.9)	44.0 (111.2)	44.0 (111.2)	44.2 (111.6)	28.0 (82.4)	39.0 (102.2)	37.0 (96.6)	36.0 (96.8)	33.9 (93.0)	29.2 (84.6)	34.0 (93.2)
Average high °C (°F)	24.63 (76.33)	29.04 (84.27)	33.87 (92.97)	36.78 (88.2)	37.53 (99.55)	36.63 (97.93)	33.01 (91.43)	33.52 (92.34)	32.72 (90.9)	31.43 (88.57)	29.96 (85.93)	25.8 (78.44)	31.99 (89.58)
Daily mean °C (°F)	21.24 (70.23)	24.65 (76.37)	30.8 (87.44)	33.43 (92.17)	34.27 (93.69)	34.21 (93.58)	31.17 (88.11)	31.6 (88.88)	30.7 (87.26)	29.06 (84.31)	27.13 (80.83)	22.62 (72.72)	29.24 (84.63)
Average low °C (°F)	15.78 (60.4)	18.29 (64.92)	23.34 (74.01)	26.07 (78.93)	27.27 (81.09)	28.74 (83.73)	27.42 (81.36)	27.44 (81.39)	26.8 (80.24)	24.18 (75.52)	21.83 (71.29)	17.22 (63.0)	23.7 (74.66)
Record low °C (°F)	12.0 (53.6)	13.0 (55.4)	14.0 (57.2)	18.0 (64.4)	19.0 (66.2)	22.0 (71.6)	19.0 (66.2)	25.0 (77.0)	20.0 (68.0)	19.0 (66.2)	19.0 (66.2)	12.0 (53.6)	12.0 (53.6)
Average precipitation mm (inches)	9.02 (0.35)	8.09 (0.32)	8.65 (0.34)	26.43 (1.04)	62.34 (2.45)	75.76 (2.98)	186.95 (7.36)	99.54 (3.92)	4.55 (0.18)	33.64 (1.32)	0.9 (0.04)	2.57 (0.1)	53.27 (2.1)
Average precipitation days (≥ 1.0 mm)	0.18	0.91	0.73	3.55	5.18	5.64	7.84	7.0	6.18	2.36	0.99	0.09	3.3
Average relative humidity (%)	51.89	47.22	32.11	43.47	54.85	60.16	74.66	75.89	75.01	65.62	51.96	46.34	55.53
Mean monthly sunshine hours	8.43	8.45	11.21	12.23	13.09	12.97	11.27	11.59	9.23	10.62	10.15	8.96	10.62

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### 8.3 Rainfall & Humidity:

#### Rainfall

To show variation within the months and not just the monthly totals, we show the rainfall accumulated over a sliding 31-day period centered around each day of the year. Sāhibganj experiences extreme seasonal variation in monthly rainfall.

The rainy period of the year lasts for 7.6 months, from March 21 to November 8, with a sliding 31-day rainfall of at least 0.5 inches. The month with the most rain in Sāhibganj is July, with an average rainfall of 7.6 inches.

The rainless period of the year lasts for 4.4 months, from November 8 to March 21. The month with the least rain in Sāhibganj is December, with an average rainfall of 0.1 inches.

Table 8.1:-Rainfall Data (in mm) of Sahibganj from 2016-2023

Year		2016	2017	2018	2019	2020	2021	2022	2023
Sl. No.	Month	Avg	Avg	Avg	Avg	Avg	Avg	Avg	Avg
1	Jan	6.40	0.00389	0	0.025039	0.118185	0	0.289489	0
2	Feb	0.00	0	0.303971	1.306227	0.653678	0	3.057774	0
3	Mar	8.40	0.183027	0.385201	0.041898	1.234079	0.003013	0.195528	1.704576
4	Apr	12.60	3.091261	4.055359	2.36712	1.931332	0.321938	1.237838	0.781204
5	May	56.60	2.071142	5.755058	5.793096	6.942293	15.49869	6.359353	4.517585
6	Jun	240.60	2.715889	3.021777	5.407252	11.76001	9.716278	2.186319	6.201531
7	Jul	317.80	11.95294	7.825763	13.84233	9.83352	9.366369	4.346313	12.34827
8	Aug	162.80	20.38987	3.440662	6.125235	6.202982	19.02447	6.273323	11.15639
9	Sep	310.20	3.625548	3.941481	18.5915	17.09031	2.857607	5.217173	10.42341
10	Oct	19.60	4.870728	2.165387	3.974481	2.362359	4.528883	3.554392	6.28985
11	Nov	0.00	0.65204	0	0	0.002619	0	0	0
12	Dec	0.00	0.142809	0.404816	0.204425	0	0.224959	0	0.593217
	TOTAL	1145	51.94474	38.51947	57.6186	57.93136	53.05411	32.72067	56.96649

#### Humidity

We base the humidity comfort level on the dew point, as it determines whether perspiration will evaporate from the skin, thereby cooling the body. Lower dew points feel drier and higher dew points feel more humid. Unlike temperature, which typically varies significantly between night and day, dew point tends to change more slowly, so while the temperature may drop at night, a muggy day is typically followed by a muggy night.

Sāhibganj experiences extreme seasonal variation in the perceived humidity.

The muggier period of the year lasts for 6.5 months, from April 21 to November 6, during which time the comfort level is muggy, oppressive, or miserable at least 25% of the time. The month with the most muggy days in Sāhibganj is August, with 31.0 days that are muggy or worse.

The month with the fewest muggy days in Sāhibganj is January, with 0.0 days that are muggy or worse.

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(Source: Indian Meteorological Department)

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DESERT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND MINING OR RIVER BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND

9. DETAILS OF EXISTING MINING LEASES OF MINOR MINERAL [STONE] IN THE DISTRICT



Sl. No.	Name of the Mineral	Name of the Lessee	Address & Contact No. of Lessee	Mining Lease Grant Order No.	Area of Mine (Ha)	Period of Mining Lease (Start/End)	Period of Mining Lease (renewal)	Mode of commencement of Mining Operation	Status of Working/ Non-Working/ Working for dispatch	Capacity of Non-Captive	Obtained Environmental Clearance (Yes/No) if Yes (date)	Address of the Mining Lease	Latitude	Longitude	Block
1	Stone	MUSTAFIA AHMED PRASAD & PARTNER PRATAPESWAR	AT. BIRKATI, P.S. & P.S. BAKAMAL DIST. SAHIBGANJ, JHARKHAND	GRANT NO. 188/M/GRANT/2015/1076	100	2015-2015	05 YEARS	REF NO. JSP/17/10/RN/7/10-06/2015/2015/1076	Working	Captive	18/08/2015 DATE: 30/09/15	VILL. CHALPAHAR, THANA TALDIPARA DIST. SAHIBGANJ, JHARKHAND	23° 55' 36.04" N	87° 12' 58.30" E	00188/AST
2	Stone	SURAJ KUMAR SINGH	AT. MANDWAPUR, P.S. & P.S. MIZGAHATI, DIST. SAHIBGANJ, JHARKHAND	GRANT NO. 188/M/GRANT/2015/1077	100	2015-2015	05 YEARS	REF NO. JSP/17/10/RN/7/10-06/2015/2015/1077	Working	Captive	18/08/2015 DATE: 30/09/15	VILL. MANDWAPUR, THANA TALDIPARA DIST. SAHIBGANJ, JHARKHAND	23° 55' 36.04" N	87° 12' 58.30" E	00188/AST
3	Stone	PRASAD KUMAR SINGH	AT. BIRKATI, P.S. & P.S. BAKAMAL DIST. SAHIBGANJ, JHARKHAND	GRANT NO. 188/M/GRANT/2015/1078	100	2015-2015	05 YEARS	REF NO. JSP/17/10/RN/7/10-06/2015/2015/1078	Working	Captive	18/08/2015 DATE: 30/09/15	VILL. CHALPAHAR, THANA TALDIPARA DIST. SAHIBGANJ, JHARKHAND	23° 55' 36.04" N	87° 12' 58.30" E	00188/AST
4	Stone	IBRAHIM KUMAR SINGH	AT. BIRKATI, P.S. & P.S. BAKAMAL DIST. SAHIBGANJ, JHARKHAND	GRANT NO. 188/M/GRANT/2015/1079	100	2015-2015	05 YEARS	REF NO. JSP/17/10/RN/7/10-06/2015/2015/1079	Working	Captive	18/08/2015 DATE: 30/09/15	VILL. CHALPAHAR, THANA TALDIPARA DIST. SAHIBGANJ, JHARKHAND	23° 55' 36.04" N	87° 12' 58.30" E	00188/AST
5	Stone	MUSTAFIA AHMED PRASAD & PARTNER PRATAPESWAR	AT. BIRKATI, P.S. & P.S. BAKAMAL DIST. SAHIBGANJ, JHARKHAND	GRANT NO. 188/M/GRANT/2015/1080	100	2015-2015	05 YEARS	REF NO. JSP/17/10/RN/7/10-06/2015/2015/1080	Working	Captive	18/08/2015 DATE: 30/09/15	VILL. CHALPAHAR, THANA TALDIPARA DIST. SAHIBGANJ, JHARKHAND	23° 55' 36.04" N	87° 12' 58.30" E	00188/AST



**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/KARCHI WORK OTHER THAN SAND  
MINING OR RAVI/K HUB MINING IN SAHIBGANJ DISTRICT OF JHARKHAND**

Sl. No.	State	Block	Mineral	Mineral Name	Block Name	Block No.	Block Date	Block Area	Block Type	Block Category	Block Status	Block No.	Block Date	Block Area	Block Type	Block Category	Block Status	Block No.	Block Date	Block Area	Block Type	Block Category	Block Status	
15	State	M/S PRATAP SURVEY WORKS, BHAMARU STORE, DEEPAN	STONE	PRATAP SURVEY WORKS, BHAMARU STORE, DEEPAN	SAHIBGANJ (JHARKHAND)	17/01	2017	0.00	0.00	Captive	Working	REF NO. JSP/31/01/01/01/01 DATED: 2017-07-10	17/01	2017	0.00	0.00	Captive	Working	17/01	2017	0.00	0.00	Captive	Working
16	State	M/S BHASKAR SURVEY WORKS, DEBARA STORE, BINE	STONE	DEBARA STORE, BINE	JHARKHAND	17/01	2017	0.00	0.00	Captive	Working	REF NO. JSP/31/01/01/01/01 DATED: 2017-07-10	17/01	2017	0.00	0.00	Captive	Working	17/01	2017	0.00	0.00	Captive	Working
17	State	M/S DEVI SURVEY WORKS, M/S ANDIRI, SHAM, SAHIBGANJ STORE, BINES	STONE	ANDIRI, SHAM, SAHIBGANJ STORE, BINES	JHARKHAND	17/01	2017	0.00	0.00	Captive	Working	REF NO. JSP/31/01/01/01/01 DATED: 2017-07-10	17/01	2017	0.00	0.00	Captive	Working	17/01	2017	0.00	0.00	Captive	Working
18	State	M/S KARNAL, PAKARIA STORE, DEEPAN	STONE	PAKARIA STORE, DEEPAN	JHARKHAND	17/01	2017	0.00	0.00	Captive	Working	REF NO. JSP/31/01/01/01/01 DATED: 2017-07-10	17/01	2017	0.00	0.00	Captive	Working	17/01	2017	0.00	0.00	Captive	Working
19	State	M/S BHASKAR SURVEY WORKS, DEBARA STORE, BINE	STONE	DEBARA STORE, BINE	JHARKHAND	17/01	2017	0.00	0.00	Captive	Working	REF NO. JSP/31/01/01/01/01 DATED: 2017-07-10	17/01	2017	0.00	0.00	Captive	Working	17/01	2017	0.00	0.00	Captive	Working
20	State	M/S DEVI SURVEY WORKS, M/S ANDIRI, SHAM, SAHIBGANJ STORE, BINES	STONE	ANDIRI, SHAM, SAHIBGANJ STORE, BINES	JHARKHAND	17/01	2017	0.00	0.00	Captive	Working	REF NO. JSP/31/01/01/01/01 DATED: 2017-07-10	17/01	2017	0.00	0.00	Captive	Working	17/01	2017	0.00	0.00	Captive	Working
21	State	M/S SURYA SURVEY WORKS, DEBARA STORE, BINE	STONE	DEBARA STORE, BINE	JHARKHAND	17/01	2017	0.00	0.00	Captive	Working	REF NO. JSP/31/01/01/01/01 DATED: 2017-07-10	17/01	2017	0.00	0.00	Captive	Working	17/01	2017	0.00	0.00	Captive	Working
22	State	M/S SURYA SURVEY WORKS, DEBARA STORE, BINE	STONE	DEBARA STORE, BINE	JHARKHAND	17/01	2017	0.00	0.00	Captive	Working	REF NO. JSP/31/01/01/01/01 DATED: 2017-07-10	17/01	2017	0.00	0.00	Captive	Working	17/01	2017	0.00	0.00	Captive	Working



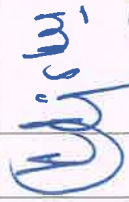
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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND  
MINING OR RIVER BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND**

Sr. No.	Name of the Mine	Name of the Proprietor	Grant No. & Date	Area in Hectares	Year of Commencement	Category	Working Status	Reference No. & Date	Working Area	Block	Section	Sub-section	Map Sheet	Scale
01	MOSABARI STORE WORKS BERBARA STORE MINE	SRI RAJAKUMAR, AT PANDUR, P.O. S, PARTIWARA DIST. SAHIBGANJ, JHARKHAND	GRANT NO. 128/01 DATED: 10.12.2000	2.44	07/04/2000	Captive	Working	REF NO. JSR/BERBARA/2007/10 DATED: 20.02.2007	BERBARA	10	10	10	1:50,000	
02	M. S. SAHAI THUVA STORE DEP. SBT	SRI RAVI KUMAR, S/O. LALU KRASHI SAHAI MISHRA W/O. P. S. JHAWARAH, DIST. SAHIBGANJ, (JHARKHAND)	GRANT NO. 133/01 DATED: 07.12.2000	2.44	07/04/2000	Captive	Working	REF NO. JSR/THUVA/2007/08 DATED: 20.02.2007	THUVA	10	10	10	1:50,000	
03	KUSABA LORHI SHI-SHAR STORE DEP. SBT	SURUCHI DEVI PRASAD, MAITHI W/O. P. S. BHEGAUCHUKRI, DIST. SAHIBGANJ, JHARKHAND	GRANT NO. 134/01 DATED: 09.01.2007	2.04	06/04/2007	Captive	Working		SHI-SHAR	10	10	10	1:50,000	
04	M. SAUATHI ENTERPRISES, CHAMARI STORE DEP. SBT	PROF. SRI HAVI KUMAR, S/O. SURESH PRASAD SAUATHI, KASHI RASTHARAJ, W/O. POLAK CHANDRA, P. S. SAHIBGANJ, DIST. SAHIBGANJ, JHARKHAND	GRANT NO. 135/01 DATED: 08.01.2007	2.04	06/04/2007	Captive	Working	REF NO. JSR/CHAMARI/2007/11 DATED: 20.02.2007	CHAMARI	10	10	10	1:50,000	
05	VIG. SRI MADAN KANTI KIRKOTHA STORE MINE	SRI MADAN KANTI, AT SIFALAI, SIBHUASHI SAHIBGANJ, P. S. SAHIBGANJ, DIST. SAHIBGANJ, JHARKHAND	GRANT NO. 136/01 DATED: 17.02.2007	1.08	07/04/2007	Captive	Non-Working		SIFALAI	10	10	10	1:50,000	
06	BAPODIA STORE DEP. SBT	NAJIBUN BIWI, AT PITHURANSA P. O. PITHURANSA, P. S. SAHIBGANJ, DIST. SAHIBGANJ, JHARKHAND	GRANT NO. 137/01 DATED: 27.09.2003	2.02	07/04/2007	Captive	Non-Working		PITHURANSA	10	10	10	1:50,000	
07	M. S. SARKI BUKHAR STORE DEP. SBT	SRI KRISHNA KUMAR, SAHA W/O. LALU, AMPOR, P. O. S. SAHIBGANJ, DIST. SAHIBGANJ, JHARKHAND	GRANT NO. 138/01 DATED: 27.09.2003	2.00	07/04/2007	Captive	Working	REF NO. JSR/BUKHAR/2007/12 DATED: 20.02.2007	BUKHAR	10	10	10	1:50,000	
08	PRO. SBT MUKI S. KERRIWARA STORE MINE	SRI SURESH KERRI, W/O. CHANDA, DIST. SAHIBGANJ, (JHARKHAND)	GRANT NO. 139/01 DATED: 20.02.2006	0.11	15/04/2005	Captive	Expired		KERRIWARA	10	10	10	1:50,000	



  
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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND MINING OR RIVER BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND**

S.No.	Name	Category	Area (Sq. M)	Area (Acres)	Duration (Years)	Ref. No.	Working	Reg. No. / Date	Reg. No. / Date	Reg. No. / Date	Reg. No. / Date	Reg. No. / Date	Reg. No. / Date	Reg. No. / Date	Reg. No. / Date	Reg. No. / Date	Reg. No. / Date	Reg. No. / Date
1	KARABBI STONE MINE	STONE	10000	23.68	05	100	Working	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019
2	M/S. JAM KRISHNA LATHIAR	STONE	10000	23.68	05	100	Working	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019
3	M/S. P. STORE	STONE	10000	23.68	05	100	Working	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019
4	M/S. SHIV SHAKTI	STONE	10000	23.68	05	100	Working	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019
5	M. S. J. S. STORE	STONE	10000	23.68	05	100	Working	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019
6	M/S. R. A. STORE	STONE	10000	23.68	05	100	Working	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019
7	M/S. S. STORE	STONE	10000	23.68	05	100	Working	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019	REGISTRATION NO. 100/2019/2019

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DESIGN & SERVICE REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND MINING OR RIVER BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND

Sl. No.	Name of the Applicant	Name of the Project	Location	Area (Ha)	Start Date	End Date	Duration (Years)	Category	Working	Ref. No.	Dated	Area (Ha)	Start Date	End Date	Duration (Years)	Category	Working	Ref. No.	Dated	Area (Ha)	Start Date	End Date	Duration (Years)	Category	Working
101	M. SASI BUILDERS & SERVICES (PVT) LTD. BHABRI STONE DEPOT	VILLAGE-BHABRI P.O. S. SAHIBGANJ DISTRICT	SAHIBGANJ DISTRICT	10.00	01/01/2017	01/01/2017	1	Captive	Working	REF. NO. JSP/CR/01/DMK/CT/01-2017/001/01	2017/01/01	10.00	01/01/2017	01/01/2017	1	Captive	Working	REF. NO. JSP/CR/01/DMK/CT/01-2017/001/01	2017/01/01	10.00	01/01/2017	01/01/2017	1	Captive	Working
102	M. SANKAR NATH & SONS WARRKANAIKAR STONE MINE	SHRI YUJHISHIHP CHAKRABARTY & P.L. CHAKRABARTY P.O. - RAJHA SAHIBGANJ DISTRICT - JHARKHAND	SAHIBGANJ DISTRICT	1.00	01/01/2017	01/01/2017	1	Captive	Working	REF. NO. JSP/CR/01/DMK/CT/01-2017/001/01	2017/01/01	1.00	01/01/2017	01/01/2017	1	Captive	Working	REF. NO. JSP/CR/01/DMK/CT/01-2017/001/01	2017/01/01	1.00	01/01/2017	01/01/2017	1	Captive	Working
103	M.S. MAHADEV LIMITED, BHUVATI, SP. ONE MINE	AT - WEST GATE, SAMBHU SAKAN NIV JANKAMPUR PATNA, P.O. PATNA BHAR - BHOJIPUR DISTRICT - JHARKHAND	SAHIBGANJ DISTRICT	1.00	01/01/2015	01/01/2015	1	Captive	Working	REF. NO. JSP/CR/01/DMK/CT/01-2015/001/01	2015/01/01	1.00	01/01/2015	01/01/2015	1	Captive	Working	REF. NO. JSP/CR/01/DMK/CT/01-2015/001/01	2015/01/01	1.00	01/01/2015	01/01/2015	1	Captive	Working
104	M/S. KHALI DHANWARA STONE MINE	AT-GANDHI MCHALIA P.O. - KHALI DHANWARA DIST - SAHIBGANJ	SAHIBGANJ DISTRICT	1.00	01/01/2015	01/01/2015	1	Captive	Working	REF. NO. JSP/CR/01/DMK/CT/01-2015/001/01	2015/01/01	1.00	01/01/2015	01/01/2015	1	Captive	Working	REF. NO. JSP/CR/01/DMK/CT/01-2015/001/01	2015/01/01	1.00	01/01/2015	01/01/2015	1	Captive	Working
105	M/S. M. S. B. & SONS BHABRI STONE MINE	SMT. NENTI BHABRI P.O. - BHABRI STONE MINE SAHIBGANJ DISTRICT - JHARKHAND	SAHIBGANJ DISTRICT	1.00	01/01/2017	01/01/2017	1	Captive	Working	REF. NO. JSP/CR/01/DMK/CT/01-2017/001/01	2017/01/01	1.00	01/01/2017	01/01/2017	1	Captive	Working	REF. NO. JSP/CR/01/DMK/CT/01-2017/001/01	2017/01/01	1.00	01/01/2017	01/01/2017	1	Captive	Working
106	M/S. RAJULOHAR & PARTNERS LTD. BHABRI STONE MINE	AT - BHAKATA, P.O. - BHABRI SAHIBGANJ DISTRICT - JHARKHAND	SAHIBGANJ DISTRICT	1.00	01/01/2017	01/01/2017	1	Captive	Working	REF. NO. JSP/CR/01/DMK/CT/01-2017/001/01	2017/01/01	1.00	01/01/2017	01/01/2017	1	Captive	Working	REF. NO. JSP/CR/01/DMK/CT/01-2017/001/01	2017/01/01	1.00	01/01/2017	01/01/2017	1	Captive	Working
107	M/S. BHABRI BHABRI STONE MINE	AT - BHAKATA, P.O. - BHABRI SAHIBGANJ DISTRICT - JHARKHAND	SAHIBGANJ DISTRICT	1.00	01/01/2016	01/01/2016	1	Captive	Working	REF. NO. JSP/CR/01/DMK/CT/01-2016/001/01	2016/01/01	1.00	01/01/2016	01/01/2016	1	Captive	Working	REF. NO. JSP/CR/01/DMK/CT/01-2016/001/01	2016/01/01	1.00	01/01/2016	01/01/2016	1	Captive	Working



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**DISTRICT SURVEY REPORT ON MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND  
MINEING ON RIVER BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND**



6	STONE	BOOHAWA PADARA	H BHOJRAJ SINGH (S/O. SRI MIRBAJ SINGH) S- MIRBAJ SINGH, DISTRICT - SAHIBGANJ, JHARKHAND - 81 2208	CHART NO - 27/M CHART DATE - 01/01/2006	107	04-04- 2006	00 Years	REF NO - JSP/3710/887/TC- 15/07/2007/121, DATE - 2007-08-29	Home Working	Captive	BC/SBIAA/2014/ 2017/04/01/121 DATE - 01/01/2017	VILLAGE - MOULI, JHARKH MIRBAJ SINGH, DISTRICT - SAHIBGANJ, JHARKHAND	01/01/2017	01/01/2017
7	STONE	CHANDRABANAR CHITPA	*HANOJKUMAR CHITPA SAKINJAMUNAKA P.O - BANGAGAR DISTA, JHARKHAND	CHART NO - 10/M CHART DATE - 01/01/2004	107	05-02- 2004	00 Years		Working	Captive	BC/SBIAA/2014/ 2017/04/01/121 DATE - 24/01/2017	VILLAGE - KATERAWA, P.S - RAMAUL, DISTRICT - SAHIBGANJ	01/01/2017	01/01/2017
8	STONE	BOOAMHRA TROBRES	SRI VIDYA KUMAR SIBHILAI DIBRAJAPUR, BILAKINAPAL P.S., JHARKHAND DIST - PATNA, BILAKINAPAL	CHART NO - 25/M CHART DATE - 08/02/2004	107	08-02- 2004	00 Years		Working	Captive	BC/SBIAA/2014/ 2017/04/01/121 DATE - 01/01/2017	JHARKHAND DISTRICT - MIRBAJ SINGH, DISTRICT - SAHIBGANJ	01/01/2017	01/01/2017
9	STONE	M/S V.S. ENTERPRISES	SRI CHANDRISHWAR PRASAD SINDLA, SAHIBGANJ DIST - SAHIBGANJ		079				Working	Captive	BC/SBIAA/2014/ 2017/04/01/121 DATE - 24/01/2017	JHARKHAND DISTRICT - MIRBAJ SINGH, DISTRICT - SAHIBGANJ	01/01/2017	01/01/2017
10	STONE	M/S BARDHANA STONE WORKS	MIR BAKSUKRISHNAJI M/S BARDHANA STONE, P.O. - MEHARGARH, DISTRICT - JHARKHAND	CHART NO - 10/M CHART DATE - 08/02/2003	079	08-02- 2003	00 Years		Working	Captive	BC/SBIAA/2014/ 2017/04/01/121 DATE - 01/01/2017	VILLAGE - JHARKHAND, M/S BARDHANA STONE, DISTRICT - SAHIBGANJ	01/01/2017	01/01/2017
11	Stone	M/S BHAWAN STONE WORKS	PROF. SRI JAGANNATH BHAWAN STONE, P.O. P.S. - BARDHANA, DIST - SAHIBGANJ, JHARKHAND	CHART NO - 10/M CHART DATE - 02/01/2006	079	02-01- 2006	00 Years		Working	Captive	BC/SBIAA/2014/ 2017/04/01/121 DATE - 25/01/2017	VILLAGE - BORDHA, P.S. - BORDHA DISTRICT - SAHIBGANJ	01/01/2017	01/01/2017
12	Stone	M/S BHADRA BHADRA STONE WORKS	MARSI KISHORJI (PARENTAGE - MARJI BHOJE, VILL. - PWS) BARDHANA P.S. SAHIBGANJ DIST - JHARKHAND, P.O. - BARDHANA	CHART NO - 130/M CHART DATE - 11/01/2007	079	05-01- 2007	00 Years		Working	Captive	BC/SBIAA/2014/ 2017/04/01/121 DATE - 05/08/2016	VILLAGE - BARDHANA, P.S. - BARDHANA, DISTRICT - SAHIBGANJ	01/01/2017	01/01/2017

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**DISTRICT SURVEY REPORT OF MINOR MINING (STONE)/EARTHWORK OTHER THAN SAND  
MINING OF RIVER BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND**

79	MS. BIDAR PONDIA MITT SUPPLY CO.	MS. BILAS RINUMITP SUPPLY COMPANY, SUKRISHORE KUMAR KIDARANI, VILL. K. P. SAHIBGANJ P.S., TALUKA DIST. SAHIBGANJ	GRANT NO. - 13727A GRANT DATE - 25.09.2017	0.15	25.09.17	00 YEARS	REF. NO. -S/N/RO/DMA/TO- 200956/2008/110, DATED 2008-07-05	Working	Captive	10/07/2017- 02/10/2017 30.12.2019	VILLAGE - CHHAPRAHAT PARDHOLA P.S. SAHIBGANJ DISTRICT - SAHIBGANJ	07/07/2017	00000000	00000000
80	MS. BILAS RINUMITP WORKS	MS. BILAS RINUMITP WORKS KUMAR KUMAR KIDARANI SAHIBGANJ P.S. SAHIBGANJ SAHIBGANJ, JHARKHAND State	GRANT NO. - 13727A GRANT DATE - 25.09.2017	0.15	25.09.17	00 YEARS	REF. NO. -S/N/RO/DMA/TO- 12252/2007/02, DATED 2007-01-04	Working	Captive	10/07/2017- 02/10/2017 30.12.2019	VILLAGE - DESHPURVAND AMBIKOR P.S. SAHIBGANJ DISTRICT - SAHIBGANJ	07/07/2017	00000000	00000000
81	MS. BILAS RINUMITP WORKS (H.D. STONE MINE)	MR. P. S. SHARON KUMAR CHHAPRAHAT P.S. & P.S. BANSWALGURJI SAHIBGANJ, JHARKHAND	GRANT NO. - 13727A GRANT DATE - 25.09.2017	0.15	25.09.17	00 YEARS	REF. NO. -S/N/RO/DMA/TO- 100884/2009/05, DATED 2009-04-08	Working	Captive	10/07/2017- 02/10/2017 30.12.2019	VILLAGE - H.D. P.S. - H.D. DIST. - SAHIBGANJ	07/07/2017	00000000	00000000
82	MS. BILAS RINUMITP WORKS	PARSUL KAMAL CHAUDHARY CHHAPRAHAT P.S. SAHIBGANJ TALUKA DIST. SAHIBGANJ	GRANT NO. - 13727A GRANT DATE - 25.09.2017	0.01	09/06/2017	00 YEARS	REF. NO. -S/N/RO/DMA/TO- 00177/2007/02, DATED 2007-01-02	Working	Captive	10/07/2017- 02/10/2017 30.12.2019	VILLAGE - PARDHOLA & CHHAPRAHAT P.S. - PARDHOLA SAHIBGANJ DISTRICT - SAHIBGANJ JHARKHAND	07/07/2017	00000000	00000000
83	MS. BILAS RINUMITP WORKS (H.D. STONE STORE DUMP SITE)	PARSUL KAMAL CHAUDHARY CHHAPRAHAT P.S. SAHIBGANJ TALUKA DIST. SAHIBGANJ	GRANT NO. - 13727A GRANT DATE - 25.09.2017	0.30	09/06/2017	00 YEARS	REF. NO. -S/N/RO/DMA/TO- 12591/2007/02, DATED 2007-01-04	Working	Captive	10/07/2017- 02/10/2017 30.12.2019	VILLAGE - DAKSHINATHA P.S. - DAKSHINATHA DIST. - SAHIBGANJ	07/07/2017	00000000	00000000
84	MS. BILAS RINUMITP WORKS (H.D. STONE STORE)	SIRI SIBTI SAHIBGANJ SIBTI SAHIBGANJ P.S. - PAKUR DIST. - JHARKHAND STATE - JHARKHAND	GRANT NO. - 13727A GRANT DATE - 25.09.2017	0.15	02/06/2010	00 YEARS	REF. NO. -S/N/RO/DMA/TO- 12747/2007/02, DATED 2007-01-04	Working	Captive	10/07/2017- 02/10/2017 30.12.2019	VILLAGE - PAKUR P.S. - PAKUR - JHARKHAND DIST. - SAHIBGANJ SAHIBGANJ	07/07/2017	00000000	00000000
85	MS. BILAS RINUMITP WORKS	MR. P. S. SHARON KUMAR CHHAPRAHAT P.S. & P.S. BANSWALGURJI SAHIBGANJ, JHARKHAND State	GRANT NO. - 13727A GRANT DATE - 25.09.2017	0.04	08/06/2010	00 YEARS	REF. NO. -S/N/RO/DMA/TO- 12747/2007/02, DATED 2007-01-04	Working	Captive	10/07/2017- 02/10/2017 30.12.2019	VILLAGE - PAKUR P.S. - PAKUR - JHARKHAND DIST. - SAHIBGANJ SAHIBGANJ	07/07/2017	00000000	00000000

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**खानपुर**  
**जिला साहबगंज**



DETAILED SURVEY REPORT OF MINOR MINERAL (STONE) EXTRACT WORK OTHER THAN SAND  
ALONG OR RIVER BED MINE IN SAHIBGANJ DISTRICT OF JHARKHAND



81	Stone	MS MAJHIYA STONE WORKS	SRI SANKAY KUMAR TALAWA AFTUL-GAMPUR KACHHAI-SAKHIGALI P.S. SAHIBGANJ	GRANT No. - 2007/M GRANT DATE - 01/12/2007	1.84	2007- 2007	03 YEARS	REF No. IS/CR/10/DMK/TA/10- 12/2007/2007/04. DATED - 20.02.2007	Working	Captive	16/08/2007- 06/08/2010/2007 DATED 17.12.2004	VILLAGE - GAWWA T.S. - TALASHARI DISTRICT - SAHIBGANJ	00000/NSP
82	Stone	MS MAJHIYA STONE WORKS	BEJWA-JHAN SIWARMA VILL-HATU-GA P.S. KACHHAI-SAKHIGALI P.S. KACHHAI DISTRICT - SAHIBGANJ	GRANT No. - 2007/M GRANT DATE - 01/12/2007	2.36	2007- 2007	03 YEARS	REF No. IS/CR/10/DMK/TA/10- 12/2007/2007/04. DATED - 20.02.2007	Working	Captive	16/08/2007- 06/08/2010/2007 DATED 20.12.2006	GHUATIAHAT P.O. P.O. BEL- GULLI-KACHHAI P.O. P.O. BEL- TALASHARI DISTRICT - SAHIBGANJ	00000/NSP
83	Stone	MS MAJHIYA STONE WORKS	SRI RAJ KUMAR TALAWA AFTUL-GAMPUR KACHHAI-SAKHIGALI P.S. SAHIBGANJ	GRANT No. - 2007/M GRANT DATE - 01/12/2007	1.84	2007- 2007	03 YEARS	REF No. IS/CR/10/DMK/TA/10- 12/2007/2007/04. DATED - 20.02.2007	Working	Captive	16/08/2007- 06/08/2010/2007 DATED 16.01.2007	VILLAGE - DUMBA, P.O. P.O. BEL- GULLI-KACHHAI P.O. P.O. BEL- TALASHARI DISTRICT - SAHIBGANJ	00000/NSP
84	Stone	MS MAJHIYA STONE WORKS	PR. JHANSI P.S. - ALAM P.S. - KACHHAI-SAKHIGALI P.S. KACHHAI DISTRICT - SAHIBGANJ	GRANT No. - 2007/M GRANT DATE - 01/12/2007	1.28	2007- 2007	03 YEARS	REF No. IS/CR/10/DMK/TA/10- 12/2007/2007/04. DATED - 20.02.2007	Working	Captive	16/08/2007- 06/08/2010/2007 DATED 2.01.2007	VILLAGE - GHUATIAHAT P.S. - GHUATIAHAT DISTRICT - SAHIBGANJ	00000/NSP
85	Stone	MS MAJHIYA STONE WORKS	SRI NARAYAN KUMAR TALAWA AFTUL-GAMPUR KACHHAI-SAKHIGALI P.S. SAHIBGANJ	GRANT No. - 2007/M GRANT DATE - 01/12/2007	0.21	2007- 2007	03 YEARS	REF No. IS/CR/10/DMK/TA/10- 12/2007/2007/04. DATED - 20.02.2007	Some Working	Captive	16/08/2007- 06/08/2010/2007 DATED 31.02.2006	VILLAGE - GAWWA, THANA TALASHARI DISTRICT - SAHIBGANJ	00000/NSP
86	Stone	MS MAJHIYA STONE WORKS	SRI SURJESH PIGANSA AT - SUNGISE-PORUM KACHHAI-SAKHIGALI P.S. KACHHAI DISTRICT - SAHIBGANJ	GRANT No. - 2007/M GRANT DATE - 01/12/2007	1.54	2007- 2007	03 YEARS	REF No. IS/CR/10/DMK/TA/10- 12/2007/2007/04. DATED - 20.02.2007	Working	Captive	16/08/2007- 06/08/2010/2007 DATED 30.01.2007	VILLAGE - HARIPURAKA DISTRICT - SAHIBGANJ	00000/NSP
87	Stone	MS MAJHIYA STONE WORKS	SRI CHAN PRKASHI SINGH-155-1 VILL - KACHHAI-SAKHIGALI P.S. KACHHAI DISTRICT - SAHIBGANJ	GRANT No. - 2007/M GRANT DATE - 01/12/2007	4.30	2007- 2007	03 YEARS	REF No. IS/CR/10/DMK/TA/10- 12/2007/2007/04. DATED - 20.02.2007	Working	Captive	16/08/2007- 06/08/2010/2007 DATED 30.07.2008	VILLAGE - TALASHARI P.O. P.O. BEL- GULLI-KACHHAI P.O. P.O. BEL- TALASHARI DISTRICT - SAHIBGANJ	00000/NSP
88	Stone	MS MAJHIYA STONE WORKS	AT - SUNGISE-PORUM KACHHAI-SAKHIGALI P.S. KACHHAI DISTRICT - SAHIBGANJ	GRANT No. - 2007/M GRANT DATE - 01/12/2007	2.05	2007- 2007	03 YEARS	REF No. IS/CR/10/DMK/TA/10- 12/2007/2007/04. DATED - 20.02.2007	Some Working	Captive	16/08/2007- 06/08/2010/2007 DATED 30.02.2007	VILLAGE - HARIPURAKA P.S. - GHUATIAHAT DISTRICT - SAHIBGANJ	00000/NSP

Approved  
State Level Environmental Impact Assessment Authority  
Jharkhand  
Ranchi

**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/SAND WORK OTHER THAN SAND  
MINING ON RIVER BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND**



Sl. No.	Name of the Person	Address	Age	Sex	Religion	Occupation	Category	Ref. No.	Date	Remarks
97	MS SAHIBUDDIN THAKUR CHANDRA	SRI PRANESH KUMAR LAKHARVAH AT-SINDHUPAARA JAKHRI P.S. SAHIBGANJ DISTRICT-JHARKHAND	40	Male	Hindu	Working	Captive	REF. NO. ASU/HR/DMK/CTD- 1803/2017/2023/2017	06/11/2017 06/11/2017	VILLAGE- PAHURBA P.S. PAHURBA DISTRICT - SAHIBGANJ
98	MS RUPESHWARI WORKS, MAHAKOLA STONE KUSHI	SRI KANAI KUMAR BAGARI AT-LAKHARVAH JAKHRI P.S.- SAHIBGANJ	40	Male	Hindu	Working	Captive	REF. NO. ASU/HR/DMK/CTD- 1803/2017/2023/2017	06/11/2017 06/11/2017	VILLAGE- MAHURBA P.S. KUSHI DISTRICT - SAHIBGANJ
99	MS RAJA MHERKAL AND COMPANY	C/O. SRI M. L. RAJA MHERKAL KASIM BAZAR P.S.- RAJMAHAL, SAHIBGANJ	40	Male	Hindu	Working	Captive	REF. NO. ASU/HR/DMK/CTD- 1803/2017/2023/2017	06/11/2017 06/11/2017	VILLAGE- SAHIBPUR P.S.- SAHIBGANJ DISTRICT - SAHIBGANJ
100	MS RAJA MHERKAL AND COMPANY	SRI RAJESH KUMAR AT BARHARWAH P.S.- SAHIBGANJ DISTRICT- JHARKHAND	40	Male	Hindu	Working	Captive	REF. NO. ASU/HR/DMK/CTD- 1803/2017/2023/2017	06/11/2017 06/11/2017	KHATA NO-17, 18, 19 PLAT NO-101938 49.45-40.4-48.3-52.03, 80.00 VIL. L-30, 30KA P.S.-SAHIBGANJ DISTRICT - SAHIBGANJ, JHARKHAND
101	MS SHALU STONE CARRIERS	MS SHALU STONE CARRIERS MAHAKOLA STONE KUSHI	40	Male	Hindu	Working	Captive	REF. NO. ASU/HR/DMK/CTD- 1803/2017/2023/2017	06/11/2017 06/11/2017	VILLAGE- RAJA KANAI P.S.- P.S.- BARHARWAH DISTRICT - SAHIBGANJ
102	MS SHIV SHAKTI STONE WORKS	SRI SHANKAR KUMAR AT KATAPUR P.S.- BAGHARWAH P.S.- SAHIBGANJ DISTRICT- JHARKHAND	40	Male	Hindu	Working	Captive	REF. NO. ASU/HR/DMK/CTD- 1803/2017/2023/2017	06/11/2017 06/11/2017	VILLAGE- BORKHA P.S. BORKHA DISTRICT - SAHIBGANJ
103	MS SHIV SHAKTI STONE WORKS	SRI SHANKAR KUMAR AT KATAPUR P.S.- BAGHARWAH P.S.- SAHIBGANJ DISTRICT- JHARKHAND	40	Male	Hindu	Working	Captive	REF. NO. ASU/HR/DMK/CTD- 1803/2017/2023/2017	06/11/2017 06/11/2017	VILLAGE- MAHURBA P.S. PLOT NO-101938, 101939, 101940 DISTRICT - SAHIBGANJ
104	MS SHIV SHAKTI STONE WORKS	SRI AMARJEET SUSHI VIL. MAHAKOLA STONE KUSHI P.S.- JAKHRI DISTRICT- SAHIBGANJ	40	Male	Hindu	Working	Captive	REF. NO. ASU/HR/DMK/CTD- 1803/2017/2023/2017	06/11/2017 06/11/2017	VILLAGE- JAVHAR AND MAHAKOLA PLOT NO-101939 101940, 101941, 101942, 101943 101944, 101945, 101946, 101947, 101948 101949, 101950, 101951, 101952, 101953 KUSHI P.S. DISTRICT - SAHIBGANJ

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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTHWORK OTHER THAN SAND MINING OR RIV OR ROAD MINING IN SAHIBGANJ DISTRICT OF BIHAR**



01	M/S SHRI SATYANATH SAINI	M/S SATYANATH SAINI BAGI, DIST. SAHIBGANJ	GRANT NO. :- 01/01/2017	1.00 HA	3000 2000	10 Years	REF NO. :- JSC/HR/DMK/CT/1 0901/2017 DATED : 2017-07-20	Working	Captive	R/S/SEIAA/2017- 01/01/2017 DATED : 2017-07-20	VILLAGE - BHIBARI BAGI, DIST. SAHIBGANJ	0901/2017
02	M/S SURESH CHANDRA SINGH	M/S SURESH CHANDRA SINGH WARD NO. 1 CHANDRA SINGH DIST. SAHIBGANJ	GRANT NO. :- 02/01/2017	0.15 HA	3000 2000	10 Years	REF NO. :- JSC/HR/DMK/CT/1 0901/2017 DATED : 2017-07-20	Working	Captive	R/S/SEIAA/2017- 02/01/2017 DATED : 08.08.2017	VILLAGE - DEHRIA CHANDRA SINGH, DIST. SAHIBGANJ	0901/2017
03	M/S ANAND KUMAR SINGH	M/S ANAND KUMAR SINGH VILL. PATEL, DIST. SAHIBGANJ	GRANT NO. :- 03/01/2017	1.00 HA	27000 2000	10 Years	REF NO. :- JSC/HR/DMK/CT/1 0901/2017 DATED : 2017-07-20	Working	Captive	R/S/SEIAA/2017- 03/01/2017 DATED : 2017-08-20	VILLAGE - JORANGI PATEL, DIST. SAHIBGANJ	0901/2017
04	M/S RAJESH KUMAR SINGH	M/S RAJESH KUMAR SINGH WARD NO. 1, DIST. SAHIBGANJ	GRANT NO. :- 04/01/2017	0.15 HA	10000	10 Years	REF NO. :- JSC/HR/DMK/CT/1 0901/2017 DATED : 2017-07-20	Working	Captive	R/S/SEIAA/2017- 04/01/2017 DATED : 13.12.2016	VILLAGE - DEHRIA PATEL, DIST. SAHIBGANJ	0901/2017
05	M/S ANAND KUMAR SINGH	M/S ANAND KUMAR SINGH VILL. PATEL, DIST. SAHIBGANJ	GRANT NO. :- 05/01/2017	1.00 HA	10000	10 Years	REF NO. :- JSC/HR/DMK/CT/1 0901/2017 DATED : 2017-07-20	Working	Captive	R/S/SEIAA/2017- 05/01/2017 DATED : 13.12.2016	VILLAGE - DEHRIA PATEL, DIST. SAHIBGANJ	0901/2017
06	M/S ANAND KUMAR SINGH	M/S ANAND KUMAR SINGH WARD NO. 1, DIST. SAHIBGANJ	GRANT NO. :- 06/01/2017	0.15 HA	10000	10 Years	REF NO. :- JSC/HR/DMK/CT/1 0901/2017 DATED : 2017-07-20	Working	Captive	R/S/SEIAA/2017- 06/01/2017 DATED : 13.12.2016	VILLAGE - DEHRIA PATEL, DIST. SAHIBGANJ	0901/2017
07	M/S ANAND KUMAR SINGH	M/S ANAND KUMAR SINGH WARD NO. 1, DIST. SAHIBGANJ	GRANT NO. :- 07/01/2017	0.15 HA	10000	10 Years	REF NO. :- JSC/HR/DMK/CT/1 0901/2017 DATED : 2017-07-20	Working	Captive	R/S/SEIAA/2017- 07/01/2017 DATED : 13.12.2016	VILLAGE - DEHRIA PATEL, DIST. SAHIBGANJ	0901/2017





**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/SAND WORK OTHER THAN SAND MINING ON RIVER BEDDING IN SAHIBGANJ DISTRICT OF JHARKHAND**

Sl. No.	Name of the Applicant	Name of the Mineral	Name of the Block	Block No.	Block Area (Sq. M)	Block Size (Meters)	Block Shape	Block Category	Block Status	Block Date	Block Description	Block No.	Block Area (Sq. M)	Block Size (Meters)	Block Shape	Block Category	Block Status	Block Date	Block Description	
106	M/S. TARESHWAR JAINSWAL	STONE	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN
107	M/S. MAHARAJA SINGH WORKS	STONE	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN
108	M/S. S. S. SINGH WORKS	STONE	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN
109	M/S. S. S. SINGH WORKS	STONE	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN
110	M/S. S. S. SINGH WORKS	STONE	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN	SR. P. S. SHRI LAKSHMI NARAYAN



**Dr. P. S. Singh**  
**Secretary**  
**State Level Environment Impact Assessment Authority, Ranchi**

**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE) LEASING WORK OTHER THAN SAND MINING ON RIVER BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND**



City	Dist	Block	Sub-block	Category	Work	Captive	W/ (S) No. of blocks 1/222/2009 DATE: 04/11/2009	SHARDAH INDUSTRIES LTD Plot No. 10 10/222/2009 ABARPUR, KALAMATI, BISHNUPUR, SAHIBGANJ	REGISTRATION NO.	CONTRACT

SRI DEEPAK KUMAR  
CHOUHAN, OWNER,  
AT BISHNUPUR, SAHIBGANJ

SAHIBGANJ  
STONE MINING  
ON RIVER BED WORKS

Sl No.	DMO Name	Depositor Name	Proprietor Name	Block	Address
1	SAHIBGANJ	MAA RAKSHI BRICKS PRO DEEPAK KUMAR MISHRA	PROP-DEEPAK KUMAR MISHRA	ARAZI MOKARRI	AT-NARHI DIYARA TO-GANGA PRASAD PS-SAHIBGANJ BIPASILL 316109
2	SAHIBGANJ	SONY BRICKS PART ASFAK ALAM	PART ASPAK ALAM	BHARMA JAMALPUR PLOT NO- 280-282	AT-KOYLA BAZAR, PARANPUR, KALAMATI, SAHIBGANJ
3	SAHIBGANJ	MS KALI BRICKS, PROP BANJAN KUMAR PANDEY,	PROP BANJAN KUMAR PANDEY	GOPALCHOUKI	SAHIBGANJ
4	SAHIBGANJ	MS SAHIBGANJ BRICKS IND. PRO VISHWANATHI TIWARI	PROP VISHWANATH TIWARI	GOPALCHOUKI	AT-BADI SHITLA MANDIR BANPAK TOLA, SAHIBGANJ
5	SAHIBGANJ	MS STEEL BRICKS PRO GOURAV CHOUDHARY BIRENDRA BRICKS INDUSTRIES PRO BIRENDRA KR GUPTA	PROP GOURAV CHOUDHARY PROP BIRENDRA KR GUPTA	CHOTA TOUTIR SOUTH CHOUKI KUTELARI	AT-SHASTRI NAGAR, SAHIBGANJ AT-TALBANA, SAHIBGANJ
7	SAHIBGANJ	AKASH BRICKS	PART-CHANDRA SHEKHAR RAJAK	BANSIKATA	BANSHIKATA KOTALPOKARI, SAHIBGANJ
8	SAHIBGANJ	MS MUKTA BRICKS PART NILESH GHOSH AND OTHERS	PART NILESH GHOSH AND OTHERS	MAJALABPUR	MAJALABPUR, BARIARWA, SAHIBGANJ
9	SAHIBGANJ	MS RAJAJ BRICKS FIELD PART SAJMA BIBI	PART SAJMA BIBI	RISOR	RISOR, BARIARWA, SAHIBGANJ
10	SAHIBGANJ	MS DIMOND BRICKS PART AMIR HUSSAIN	PART AMIR HUSSAIN	GOURIPUR	GOURIPUR, BARIARWA, SAHIBGANJ
11	SAHIBGANJ	RAJMAHAL BRICKS INDUSTRIES PRO KRISHNA SINGH	PROP- KRISHNA SINGH	SOUTH CHOUKI	AT-POKHRIA, SAHIBGANJ
12	SAHIBGANJ	MS SAHARA BRICKS PROMUKKI AKHTAR	PROP-MUKKI AKHTAR	KAMALPUR	KAMALPUR, BARIARWA, SAHIBGANJ
13	SAHIBGANJ	MS ALANTA BRICKS FIELD PRO MUKI AKHTAR	PROP- MUKKI AKHTAR	SIRASIN	SIRASIN BARIARWA, SAHIBGANJ
14	SAHIBGANJ	MS NASH BRICKS PART NAJIR HUSEIN	PART NAJIR HUSEIN	MIRJAPUR	AT-MIRJAPUR, BARIARWA, SAHIBGANJ
15	SAHIBGANJ	MS J. KISAN BRICKS PROKTIABIK HUSSAIN	PROP-KHAFIR HUSSAIN	SIRASIN	SIRASIN, BARIARWA, SAHIBGANJ
16	SAHIBGANJ	ENTERPRISES PROJAN MOHAMMAD	PROP-JAN MOHAMMAD	PEYARPUR	PEYARPUR, BARIARWA, SAHIBGANJ
17	SAHIBGANJ	MS SONY BRICKS PART FROM AHMAD	PART-FRIDA AHMAD	RISOR	RISOR, BARIARWA, SAHIBGANJ
18	SAHIBGANJ	NAZHAR BRICKS PROP MD NAJAHARTUL ISLAM	PROP-MD NAJAHARTUL ISLAM	MOGALPA	VILL SAHIBGANJ PS- GANESHIPUR, BARIARWA, SAHIBGANJ

District Surveyor  
 Sahibganj



**DISTRICT SURVEY REPORT OF MINOR METAL (STONE)/EARTH WORK OTHER THAN SAND  
MINING OR RIVER BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND**

GRID ID	MS RAHUL BRICKS INDUSTRIES PART SUBRAJA GHOSHAR MAHA BRICKS INTERPRISES PART SABBIR AHMAD OTHER	PART SUBRATA GHOSH	SIRASIN	AT-NUFAN GHORAPARA BEHANTAPUR MURSHIDABAD, WB
19	MS RAHUL BRICKS INDUSTRIES PART SUBRAJA GHOSHAR MAHA BRICKS INTERPRISES PART SABBIR AHMAD OTHER	PART SABDIR AHMAD OTHER	FATHIPUR	FATEHPUR KOTALPOKHAR, SAHIBGANJ
20	MS J. KISHAN BRICKS PRO JAKIR HUSSAIN	PRO-JAKIR HUSSAIN	SIRASIN	SIRASIN, BARIHARWA, SAHIBGANJ
21	MS SHANU BRICKS PART ANKAR HUSEIN	PART-ANKAR HUSEIN	JAMUPUR	NEW JAMUPUR, BARIHARWA SAHIBGANJ
22	MS INDIAN BRICKS PART AADITYA ANAND AND OTH	PART AADITYA ANAND AND OTH	BASHIHAYA	AT-PO-KELABAU, BARIHARWA SAHIBGANJ
23	MS JAY JAWAN BRICKS PRO SARAT CHANDRA MANDAL	PRO-SARAT CHANDRA MANDAL	NOORPUR	NOORPUR, BARIHARWA, SAHIBGANJ
24	GANPATI TRADERS PRO HISWAJEET MNADAL	PRO HISWAJEET MNADAL	SARFARZGANJ	SARFARZGANJ, UDIHWA, SAHIBGANJ
25	MS BHARAT BRICKS INTERPRISES PART MD SHAFIKUL ALAM	PART-MD SHAFIKUL ALAM	SIRASIN	SIRASIN, BARIHARWA, SAHIBGANJ
26	MS ROYAL BRICKS PRO AKILAKUR RAHMAN	PRO-AKILAKUR RAHMAN	ALBAGH AND TURLEPUR	ALBAGH AND TURLEPUR, ISAHMAD, SAHIBGANJ
27				

Note:- Till then the further clarification from NGT will not come the carrying capacity of all existing working Mining leases which falls under the NGT Grid 1,3,4 and 7 will be maintained and strictly follow the NGT guidelines and also do their production in permissible limit as permitted by the NGT.

GRID ID	Mining Capacity (TPD)	Allowable mining capacity (TPD)
1	5382	5357
3	6201	6183
4	2656	2655
7	1135	1128

GRID NAME	NO. OF LEASES	GRID NAME	NO. OF LEASES
Grid 1	12	Grid 56	2
Grid 2	10	Grid 64	1
Grid 3	11	Grid 66	2
Grid 4	6	Grid 89	2
Grid 7	3	Grid 98	1
Grid 12	5	Grid 99	8
Grid 13	7	Grid 105	1
Grid 14	3	Grid 107	3
Grid 16	2	Grid 108	1
Grid 17	4	Grid 116	2
Grid 47	2	Grid 117	13
Grid 54	1	Grid 127	8

  
 District Surveyor  
 Sahibganj





2022/LAW-HO

Final Expert Committee Report in OA 23/2017\_CPCB\_August 22

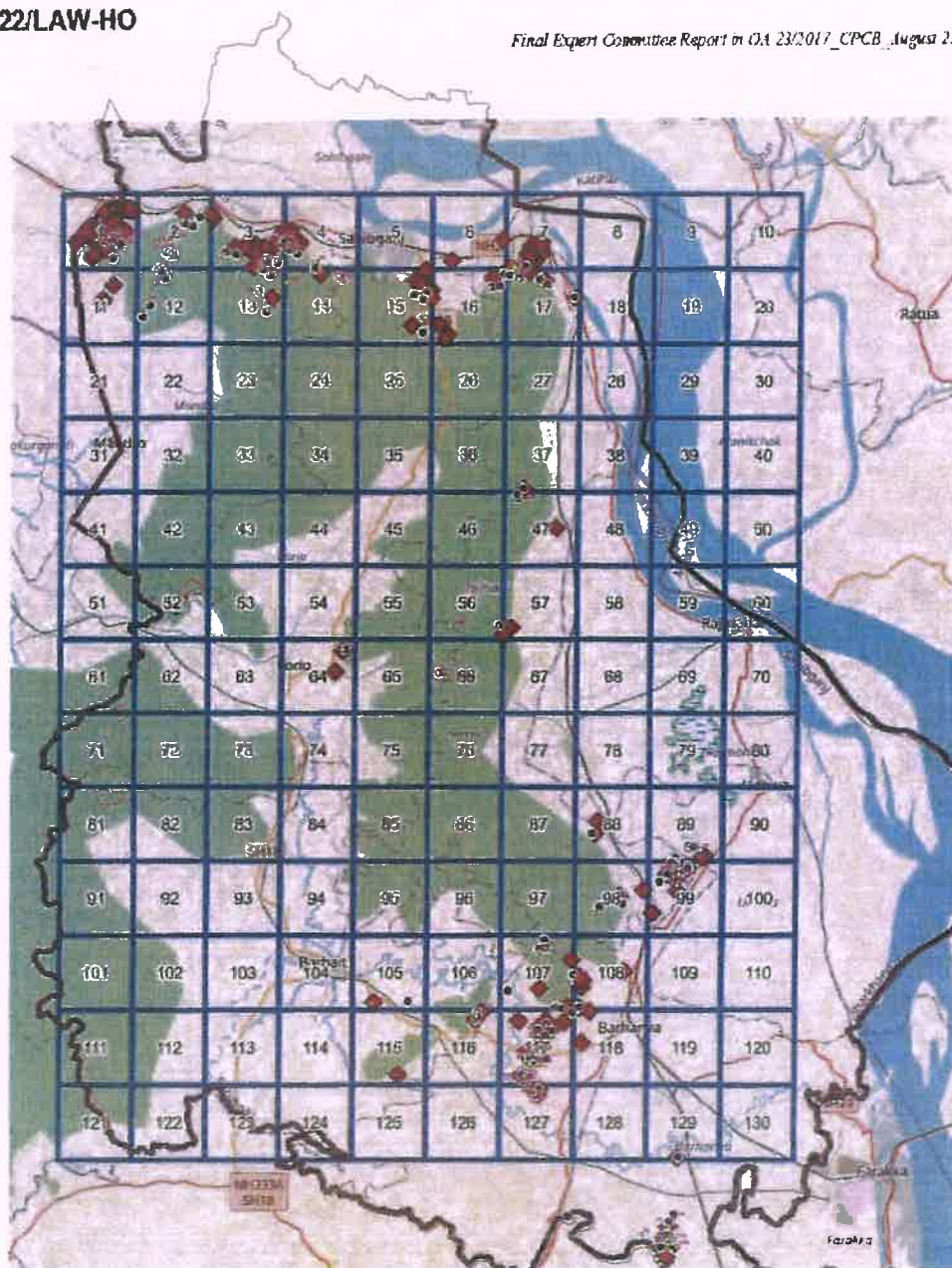


Figure 8 Grid-wise location of stone crushers (in red diamond) & mines (in black circle)

(a) The total  $PM_{10}$  emission load from the stone crushers located in 29 grids is estimated to be 168.4 TPD. Total  $PM_{10}$  emission load, due to resuspension of road dust on

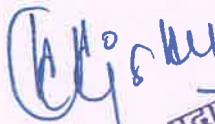
*(Signature)*  
 जिला स्तरीय पर्यावरण  
 सांख्यिकी





**10 . DETAILS OF ROYALTY OR REVENUE RECEIVED IN LAST THREE YEARS**

Sl.N o	Financial Year	Royalty (in INR Lakhs)
1	2021-22	11030.09
2	2022-23	19764.79
3	2023-24	21892.54

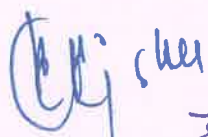
  
जिला खनन पदाधिकारी  
साहिबगंज





### 11. DETAILS OF PRODUCTION OF MINOR MINERAL (STONE) IN LAST THREE YEARS

Sl.No.	Year	Production(inft <sup>3</sup> )
1	2021-22	253286580
2	2022-23	276237450
3	2023-24	268227113

  
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## 12 . MINERAL MAP OF THE DISTRICT

The Rajmahal Hills are the source of building and road stones. Most of the quarrying is done by the side of the loop line of the Eastern Railway. Pakur chips are quite well known and are used extensively all over Jharkhand, Bihar and parts of West Bengal. Kaolin is found near Mangal Hat in Rajmahal subdivision. Bentonite available in some places is used by women-folk as hair washing material and now a day it is getting popular among urban ladies as Multani Mitti.

Available minor mineral resources in the district are:

- Sand
- Black Stone
- China Clay
- Earth Clay

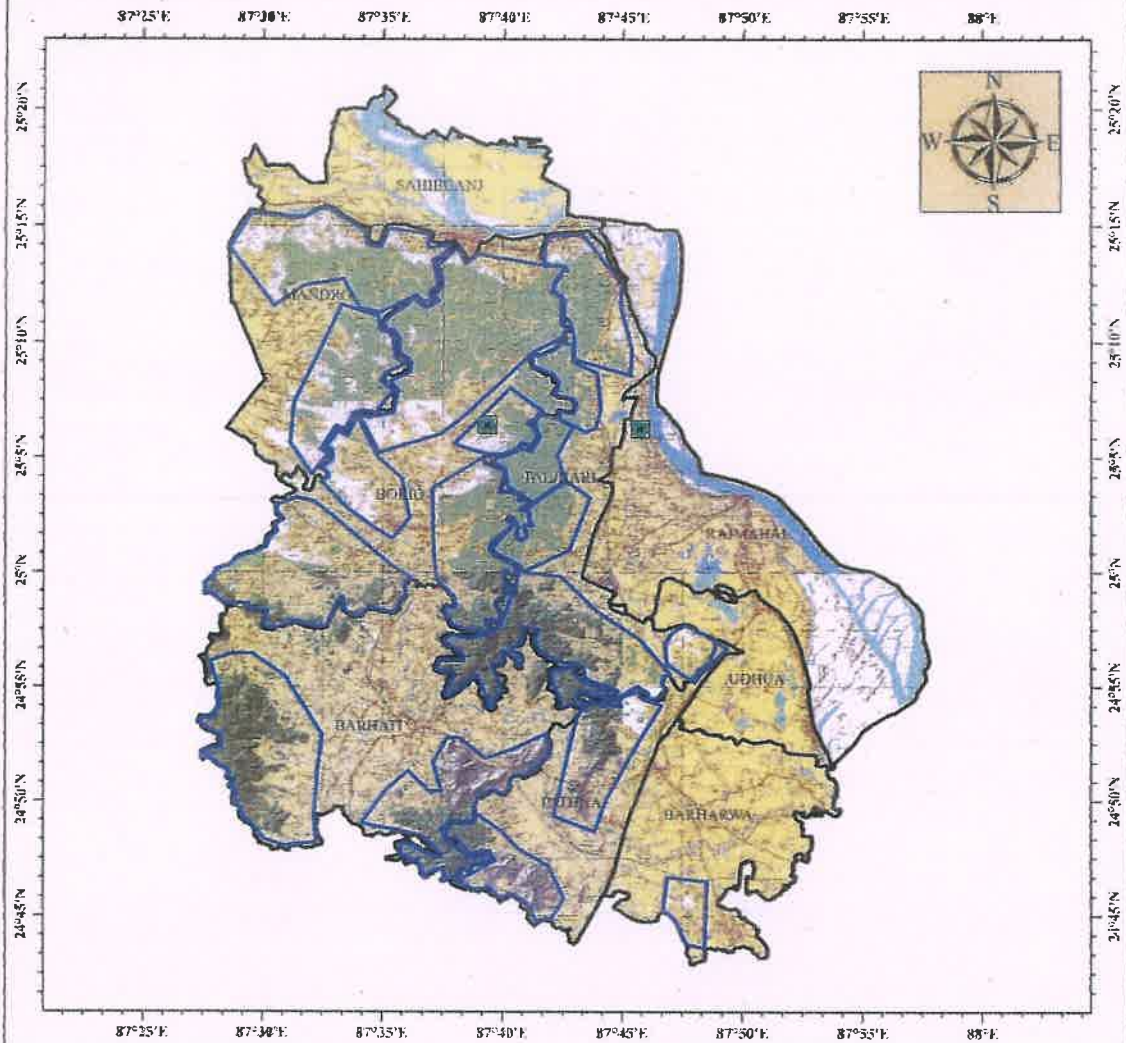
*Chakraborty*  
जिला खनन पदाधिकारी  
साहिबगंज



DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE), EARTH WORK OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



MINERAL MAP SHOWING POTENTIAL ZONES IN SAHIBGANJ DISTRICT



**CORRELATIONAL SYMBOLS**

Block boundary	—
Soil & Basaltic Rock Potential Zone	■
China Clay	■
Water	—
...	...

**INDEX**

- SOIL & BASALTIC ROCK POTENTIAL ZONE
- CHINA CLAY
- BLOCK BOUNDARY

**SOURCE:**  
Department of Mines & Geology  
(Govt. of Jharkhand)

Survey Of India (SOI)  
Open Series Map

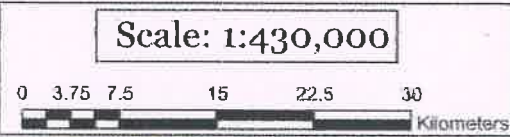
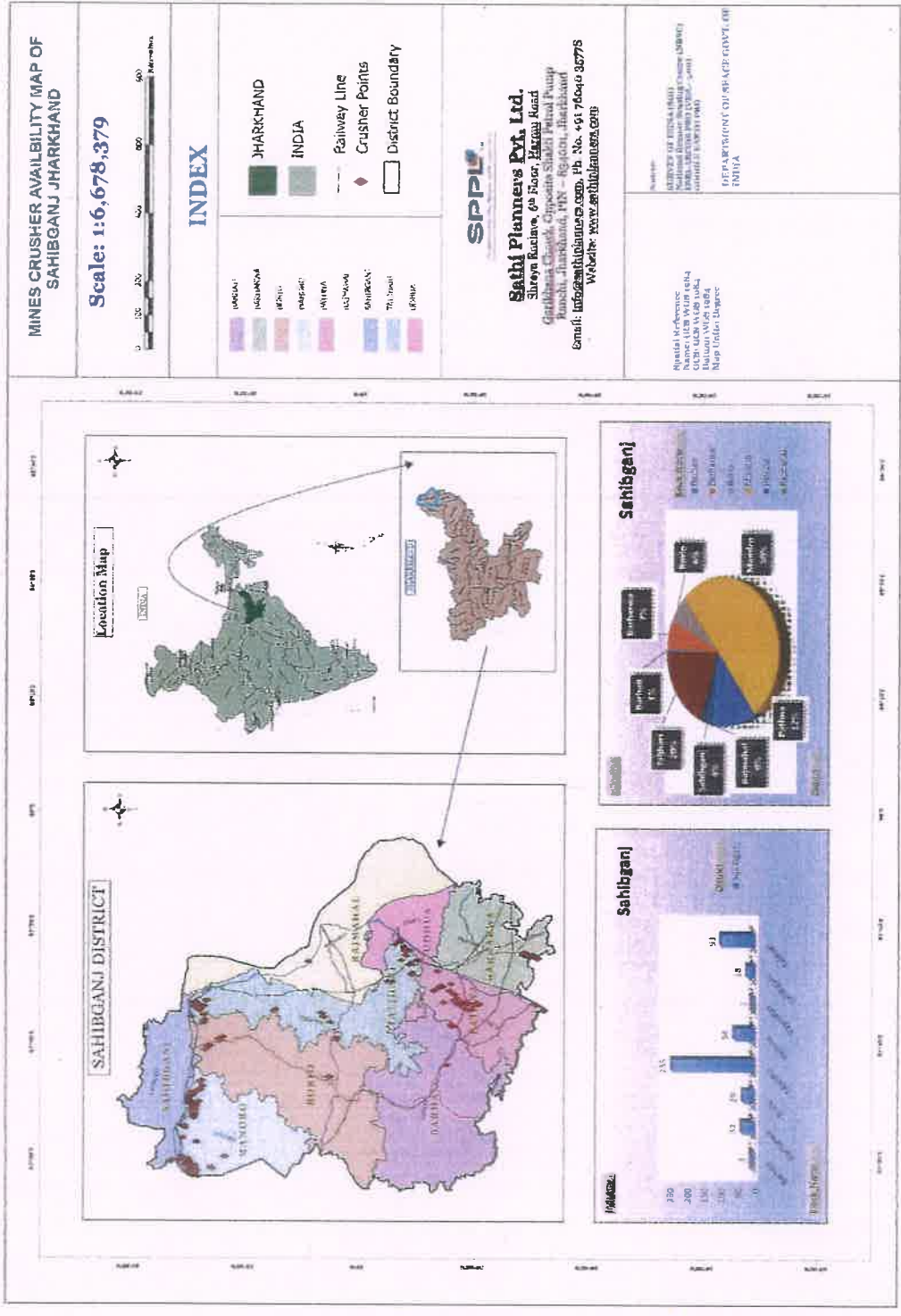


Fig 12.1:- Mineral Map of Sahibganj District



*(Signature)*  
 रा खनन वदाधिकारी  
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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OFFER  
TITAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF  
JHARKHAND**



*(Signature)*  
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**साहेबगंज**

Fig 12.2:- Mines Crusher map of Sahibganj District.



DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND  
MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND

13 : LIST OF LETTER OF INTENT HOLDERS IN THE DISTRICT

Sl. No	Name of the mineral	Name of the Lessee	Address & Contact No. of Letter of Intent Holders	Letter of Intent Grant Order No. & Date	Area of Mining Lease to be allocated (Ha)	Validity of Lol	Use (Captive/ Non-Captive)	Address of the Mining Lease	Location of the Mining Lease (Coordinates)
1	Stone	सर्वश्री हरिरामा कंस्ट्रक्शन, पार्ट0- श्री मोका रामाकृष्णा	पिता- स्व0 एम0 सुनकन्ना मु0+पो0- गढे होतुर, थाना वज्राकरुर, जिला- अनंतापुर (अ0प्र0) 6204749323	Letter no - 739 Date - 13/08/2024	2.95	7	8	मौजा:- बिदरी बंदरकोला, दाग संख्या:- 723पी0, अंचल:- बोरिया, पोस्ट:- बोरिया, थाना:- बोरियो	25°02'18"N 87°36'46"E
		सर्वश्री जय हिन्द स्टोन वर्क्स, पार्ट0- मो0 वसीम अंसारी	पिता- स्व0 मो0 यासीन अंसारी मु0+पो0+थाना- तीनपहाड़, जिला- साहेबगंज (झारखंड) एवं अन्य। 9934274894	Letter no - 741 Date - 13/08/2024	2.02			मौजा :- लेवा, दाग संख्या :- 11पी0 एवं 12पी, अंचल:- तालझारी, पोस्ट:- तीनपहाड़, थाना:- तीनपहाड़	25°01'25"N 87°39'26"E



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साहेबगंज

DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND  
MINING OR RIVER BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



3	Stone	सर्वश्री बंदना स्टोन वर्क्स, प्रो०- श्री राकेश रंजन,	पिता- स्व० बजरंग मिश्र, मु०- कसवा, पो०- कसवा दुधौचक, थाना- मेहरमा जिला- गोड्डा (झारखंड) 9572109278	Letter no - 740 Date - 13/08/2024	2 14	मौजा:- पांगड़ी, दाग संख्या:- 18पीए 39पी एवं 40पी, अंचल:- बोरियो, पोस्ट:- बोरियो, थाना:- जिरवाबाड़ी	25°11'50"N 87°40'26"E 25°11'29"N 87°40'04"E 25°11'53"N 87°41'10"E
4	Stone	सर्वश्री हिन्दुस्तान इंडस्ट्रीज एण्ड माईनिंग कारपोरेशन, पार्ट०- श्री विक्रत प्रताप,	पिता- स्व० प्रतापेश्वर सिंह, मु०- नीलकोठी, पो०+थाना- राजमहल जिला- साहेबगंज (झारखंड) 9955481527	Letter no - 776 Date - 16/08/2024	2 83	मौजा :- कचौरीबेंडो, दाग संख्या:-43पी, अंचल:- तालझार, पोस्ट:- तालझारी, थाना:- तालझारी	
		सर्वश्री वैष्णवी स्टोन वर्क्स, पार्ट०- पीयूष कुमार लखोटिया एवं अन्य	पिता- श्री पवन कुमार लखोटिया, मु०- 37 पंडित्या रोड, फोर्ट ओसिस, टावर-02 कोलकाता- 700029	Letter no - 745 Date - 14/08/2024	2 46	मौजा :- बिंदरी बंदरकोला, दाग संख्या:- 341पी, अंचल:- बोरियो, पोस्ट:- बोरियो, थाना:- जिरवाबाड़ी	25°03'18"N 87°37'57"E





DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND  
MINING OR RIVER-BED MINING, IN SAHIBGANJ DISTRICT OF JHARKHAND

6	Stone	सर्वश्री महावीर इंजीकोन प्रा० लि०. निदेशक- श्री राजकुमार पाण्डेय	पिता- श्री महावीर पाण्डेय, मु०- न्यू जवकनपुर (डा० षंभु षरण के पश्चिम) पो०+जिला- पटना (बिहार) 7250999888	Letter no - 758 Date - 14/08/2024	2 83			मौजा:- चुआ, दाग संख्या:- 3पी, अंचल:- मंडरो, पोस्ट:- मंडरो, थाना:- जिरवाबाड़ी 25°08'09"N 87°35'49"E
7	Stone	सर्वश्री बालाजी स्टोन वर्क्स, पार्ट०- श्री टिकल कुमार भगत,	पिता- श्री राम नारायण भगत, मु०+पो०+थाना- मिर्जाचौकी जिला- साहेबगंज (बिहार) 9939913889	Letter no - 778 Date - 17/08/2024	0 44			मौजा:- बेलभट्टी, दाग संख्या:- 186पी एवं 187 अंचल:- मंडरो, पोस्ट:- मिर्जाचौकी, थाना:- मिर्जाचौकी 25°14'22"N 87°29'31"E 25°14'20"N 87°29'34"E

रिपोर्ट पर  
अनुमति  
प्राप्त  
दिनांक 14/08/2024



DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND  
MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



8	Stone	सर्वश्री वान्या स्टोन वर्क्स, पार्ट0- श्री अनीकेत सिंह	पिता- श्री अरविंद कुमार सिंह, मु0- झुमरी तिलैया, मोर्डन स्कूल के सामने पो0+थाना- झुमरी तिलैया, जिला- कोडरमा (झारखंड) 9204852228	Letter no - 744 Date - 14/08/2024	1.84			मौजा :- बिंदरी बंदरकोला, दाग संख्या:- 344पी अंचल:- बोरियो, पोस्ट:- बोरियो थाना:- जिरवाबाड़ी 25°03'55"N 87°38'38"E
9	Stone	सर्वश्री आर0 सी0 एम0 कन्स्ट्रक्शन प्रा0 लि0, निदेशक- श्री महेश कुमार साह एवं अन्य	पिता- स्व0 गंगा प्रसाद साह, मु0- धरमपुर, पो0- बरहरवा, थाना- रांगा जिल- साहेबगंज (झारखंड) 8294483853	Letter no - 747 Date - 14/08/2024	2.83		मौजा:- अमरपुर बेडो, दाग संख्या:- 44पी, 45पी, 46पी एवं 47पी, अंचल:- बरहेट, पोस्ट:- पतना, थाना:- बरहेट 25°00'15"N 87°29'08"E 25°00'14"N 87°29'08"E 25°00'14"N 87°29'07"E	

*(Signature)*  
राजेश कुमार  
जिला



DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND  
MINING OR RIVER BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



10	Stone	सर्वश्री जयवीर एवं पवन कुमार यादव, यादव, पार्ट0- श्री संजय कुमार यादव,	पिता- श्री द्वारिका प्रसाद यादव, ग्राम- रामपुर करारा पो0- सकरीगली, थाना- साहेबगंज (मु0) जिला- साहेबगंज (झारखंड) एवं अन्य। 8789849803	Letter no - 778 Date - 17/08/2024	2 78			मौजा:- आमझोरा, दाग संख्या:-177,185पी, 186,187,188,190पी, अंचल:- मंडरो, पोस्ट:- महादेवगंज, थाना:- जिरवाबाड़ी,	25°14'10"N 87°32'52"E 25°14'02"N 87°32'53"E 25°14'07"N 87°32'55"E
11	Stone	सर्वश्री माँ अम्बिका मिनरल्स प्रा0 लि0, निदेशक- श्री सुब्रतो पाल,	पिता- श्री जितेन्द्र नाथ पाल, ग्राम- मेन रोड बस स्टेण्ड के नजदीक, पो0+थाना-बरहरवा, जिला- साहेबगंज, (झारखंड) 9564429992	Letter no - 777 Date - 17/08/2024	2 85			मौजा:- बेकुचरी, दाग संख्या:- 25पी, 52पी एवं 53पी, अंचल:- तालझारी, पोस्ट:- तालझारी, थाना:- तालझारी,	25°03'07"N 87°42'20"E 25°03'01"N 87°42'25"E

*Dy. Supt.*  
जिला पटवर्तन अधिकारी  
साहेबगंज





DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND MINING OR RIVER BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND

12	Stone	सर्वश्री आलोक स्टोन प्रो- श्री आलोक रंजन,	पिता- स्व0 बजरंग मिश्र, मु0- कसवा, पो0- दुध्दीचक कसवा थाना- मेहरमा, जिला- गोड्डा (झारखंड) 9955999282	Letter no - 783 Date - 17/08/2024	2.75	मौजा :- चुबे, दाग संख्या:- 74, 75पी, 77पी, 78, 79 पी से 81पी, 83पी से 86पी अंचल:- मंडरो, पोस्ट:- करमटोला, थाना:- जिरवाबाड़ी	25°14'53"N 87°32'38"E 25°14'53"N 87°32'42"E
13	Stone	सर्वश्री धनबाद वाईन पार्ट0- श्री षंकर सिंह,	पिता- श्री नरेश सिंह, पो0+थाना- मिहिजाम जिला- जामताड़ा (झारखंड) 9973763663	Letter no - 781 Date - 17/08/2024	1.54	मौजा:- बेकचुरी दाग संख्या:- 2पी एवं 3पी अंचल:- तालझारी पोस्ट:- तालझारी थाना:- तालझारी	25°02'59"N 87°42'34"E 25°03'25"N 87°42'10"E

  
राजेश कुमार  
जिला सहायक  
पारिपाल  
मंडरो



DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND  
MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



14	Stone	श्री अर्जुन यादव	पिता- स्व० विष्णुनाथ यादव, मु०- समदानाला, पो०- सकरीगली, थाना- साहेबगंज मुफसील जिला- साहेबगंज (झारखंड) 9934746059	Letter no - 782 Date - 17/08/2024	2 87	मौजा :- किरोकुरिया, दाग संख्या:- 42पी एवं 43पी, अंचल:- तालझारी, पोस्ट:- तालझारी, थाना:- तालझारी,	25°13'31"N 87°43'00"E 25°13'32"N 87°42'55"E
15	Stone	सर्वश्री मो० आलम एण्ड ब्रदर्स, प्रो०- महताब आलम	पिता- चौकत अली, मु०+पो०- प्यारपुर, थाना- राधानगर जिला- साहेबगंज (झारखंड) 9825210362	Letter no - 818 Date - 28/08/2024	2 83	मौजा :- झिरिकडांगा, दाग संख्या:- 123पी, अंचल:- तालझारी, पोस्ट:- तालझारी, थाना:- तालझारी,	

*W. S. B.*  
जिला साहेबगंज  
सर्वश्री मो० आलम एण्ड ब्रदर्स





DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND  
MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND

16	Stone	सर्वश्री एमडी0 आलम एण्ड ब्रदर्स, प्रो०- महताब आलम	पिता- षौकत अली, मु०+पो०- प्यारपुर, थाना- राधानगर जिला- साहेबगंज (झारखंड) 9825210362		2 93	मौजा:- तेतरिया, दाग संख्या:- 40पी०, अंचल:- तालझारी, पोस्ट:- तालझारी, थाना:- तालझारी,	
17	Stone	सर्वश्री राम रहीम स्टोन वर्क्स, पार्ट०- श्री टिकल कुमार भगत	पिता- श्री राम नारायण भगत, मु०+पो०+थाना- मिर्जाचौकी जिला- साहेबगंज (बिहार) 9939913889	Letter no - 819 Date - 28/08/2024	2 32	मौजा:- पकड़िया, दाग संख्या:- 263, 264, 265, 266, 267पी, 268पी एवं 270पी, अंचल:- मंडरो, पोस्ट:- मिर्जाचौकी, थाना:- मिर्जाचौकी,	25°14'28"N 87°31'42"E 25°14'26"N 87°31'40"E

Wibby

राजेश कुमार  
राजेश कुमार  
राजेश कुमार





DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND  
MINING OR REVISED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND

18	Stone	सर्वश्री मॉ रक्सी स्टोन वर्क्स, प्रो०- श्री टिकल कुमार भगत,	पिता- श्री राम नारायण भगत, मु०+पो०+थाना- मिर्जाचौकी जिला- साहेबगंज (बिहार) 9939913889	Letter no - 860 Date - 31/08/2024	246	मौजा:- पकड़िया, दाग संख्या:- 45पी, अंचल:- मंडरो, पोस्ट:- मिर्जाचौकी, थाना:- मिर्जाचौकी,	25°14'06"N 87°31'24"E
19	Stone	सर्वश्री शॉह कन्स्ट्रक्शन प्रो०- बाहजहाँ अंसारी	पिता- कतुवउद्दीन अंसारी, ग्राम-बिभुनपुर, पो०+थाना- तालझारी, जिला- साहेबगंज (झारखंड) 8210103528	Letter no - 854 Date - 31/08/2024	202	मौजा:- लेवा, दाग संख्या:- 13पी, अंचल:- तालझारी, पोस्ट:- तालझारी, थाना:- तालझारी,	25°01'24"N 87°40'20"E

*(Signature)*

राजेश्वर  
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राजेश्वर



DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND  
MINING OR REVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



20	Stone	सर्वश्री माँ वैष्णवी स्टोन वर्क्स प्रो०- श्री राजीव कुमार भगत	पिता- श्री हीरालाल भगत, मु०- महादेवकरण, पो०+थाना- मिर्जाचौकी, जिला- साहेबगंज (झारखंड) 9939009600 9006448750	Letter no - 972 Date 21/09/2024	2 83			मौजा:- मुंडली एवं बेलाभद्री, दाग संख्या:- 53पी, 181 एवं 183, अंचल:- मंडरो, पोस्ट:- मिर्जाचौकी, थाना:- मिर्जाचौकी,	25°14'25"N 87°29'36"E 25°14'23"N 87°29'34"E
21	Stone	सर्वश्री बंदना स्टोन वर्क्स, प्रो०- श्री राकेश रंजन,	पिता- स्व० बजरंग मिश्र, मु०- कसवा, पो०- कसवा दुध्नीचक, थाना- मेहरमा जिला- गोड्डा (झारखंड) 9572109278	Letter no - 971 Date - 21/09/2024	2 14			मौजा:- चुबे दाग संख्या:- 20, 21, 22, 23, 24पी, 25पी, 32पी, 33पी, 34पी एवं 35पी, अंचल:- मंडरो, पोस्ट:- मिर्जाचौकी थाना:- जिरवाबाड़ी	25°14'58"N 87°32'49"E 25°15'00"N 87°32'49"E



विद्यार्थी  
राजेश कुमार  
राजेश कुमार



DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND  
MINING OR RIVER BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND

22	Stone	सर्वश्री मॉ दुर्गा स्टोन वर्क्स, प्रो०- श्री बिष्णु प्रसाद यादव	पिता- स्व० राज किशोर यादव, ग्राम- जयप्रकष नगर, सकरोगढ़, थाना-जिरवाबाड़ी, पो०+जिला- साहेबगंज। 8877668588	Letter no - 1020 Date - 26/09/2024	2 93			मौजा:- डालाबाड़ी, दाग संख्या:- 119पी एवं 120पी, अंचल:- बोरियो, पोस्ट:- बोरियो, थाना:- बोरियो	25°03'12"N 87°39'33"E 25°03'12"N 87°39'33"E
23	Stone	सर्वश्री पिढारी इंटरप्राइजेज प्रो०- मो० जिषान करीम	पिता- मो० एहतेषाम, ग्राम- अंजुमन नगर, थाना-जिरवाबाड़ी, पो०- महादेवगंज, जिला- साहेबगंज। 6205532341		2 63			मौजा:- बगचामाको, दाग संख्या:- 72पी एवं 73पी, अंचल:- तालझारी, पोस्ट:- तालझारी, थाना:- तालझारी,	25°03'31"N 87°40'40"E 25°03'31"N 87°40'42"E
24	Stone	सर्वश्री दादा भाई स्टोन वर्क्स, पार्टनर- मो० मनिरुज्जामान	पिता- स्व० एकरामूल हक ग्राम+पो०- जामपुर, थाना-बरहरवा, जिला- साहेबगंज एवं अन्य। 6204030924	Letter no - 1018 Date - 26/09/2024	2 96			मौजा:- बिदरी बंदरकोला, दाग संख्या:- 646पी, अंचल:- बोरियो, पोस्ट:- बोरियो, थाना:- बोरियो	25°02'32"N 87°37'57"E

प्रमाणित  
साहेबगंज



DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND  
MINING OR RIVER BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



25	Stone	सर्वश्री अनवर स्टोन वर्क्स, प्रो०- अनवर हुसैन	पिता- स्व० एकरामूल हक, ग्राम+पो०- जामपुर, थाना-बरहरवा, जिला- साहेबगंज एवं अन्य। 6204030924	Letter no - 1017 Date - 26/09/2024	2 84	मौजा:- बिदरी बदरकोला दाग संख्या:- 604पी, 605, 606पी एवं 613पी अंचल:- बोरियो पोस्ट:- बोरियो थाना:- बोरियो	25°02'38"N 87°38'02"E 25°02'37"N 87°37'56"E
27	Stone	सर्वश्री बालाजी मिनरल एजेंसी, पार्ट०- श्री अक्षय कुमार आर्यन,	पिता- स्व० सीताराम पंडित मु०- 321, ५ पुरना एस०पी० कोठी के नजदीक, सकरोगढ़ थाना- जिरवाबाड़ी, पो०+जिला- साहेबगंज (झारखंड) 7004764626	Letter no - 1068 Date - 05/10/2024	2 91	मौजा:- बालको, दाग संख्या:- 13पी, 14पी एवं 17पी अंचल:- तालझारी, पोस्ट:- तालझारी थाना:- तालझारी	24°56'02"N 87°39'21"E 24°56'00"N 87°39'23"E

*W. K. S.*  
पदाधिकारी  
खनन  
जिला



DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTHLY WORK OTHER THAN SAND  
MINING OR RIVER BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



28	Stone	श्री मदनकांत पिता- स्व० दुधनाथ चौधरी	मु०- नेताजी सुभाष कालोनी थाना- जिरवाबाड़ी, पो०+जिला- साहेबगंज (झारखंड) 9113410633	Letter no - 1083 Date - 08/10/2024	2 83	मौजा :- किरोकुरिया दाग संख्या:- 29पी, 30पी, 31पी अंचल:- तालझारी, पोस्ट:- तालझारी थाना- तालझारी	25°13'34"N 87°42'42"E 25°13'37"N 87°42'43"E
29	Stone	M/s Devotion Green निदेशक- श्री तनवीर आलम	पिता- मो० एहरार आलम, मु०- नवाव रेसीडेन्स के पास, कर्वला टैंक रोड, पो०+थाना- लोअर बाजार, जिला- रांची।	Letter no - 1103 Date - 09/10/2024	2 83	मौजा :- चटसोगोवा दाग संख्या:- 35पी एवं 36पी अंचल:- मंडरो, पोस्ट:- मंडरो थाना:- जिरवाबाड़ी	25°13'26"N 87°35'56"E 25°13'29"N 87°35'59"E
30	Stone	सर्वश्री काशी विश्वनाथ स्टोन वर्क्स पार्ट०- श्री सतीश कुमार पाठक	पिता- श्री अशोक कुमार पाठक, मु०- बेलडीहा, पो०- अहिरौ, थाना- धोरैया, जिला- बांका (बिहार) एवं अन्य। 9771408218	Letter no - 1103 Date - 09/10/2024	2 84	मौजा :- परतेमाको दाग संख्या:- 33पी, 34पी, 94पी, 95पी, 96पी एवं 99पी अंचल:- बोरियो, पोस्ट:- बोरियो थाना:- बोरियो	25°11'04"N 87°41'27"E 25°11'03"N 87°41'26"E

Uday  
प्रमन  
श्रीकृष्णशिक्षा  
राजेश्वर



DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND MINING OR RIVER BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



31	Stone	सर्वश्री मों वैष्णवी स्टोन वर्क्स पार्ट0- श्री राजेश कुमार जायसवाल	पिता- श्री हीरालाल भगत, मु0- महादेववरण, पो0+थाना- मिर्जाचौकी, जिला- साहेबगंज (झारखंड) एवं अन्य 9006448750	Letter no.- 1100 Date - 09/10/2024	2 42	मौजा :- बिंदरी बंदरकोला दाग संख्या:- 147पी अंचल:- बोरियो, पोस्ट:- बोरियो थाना:- बोरियो	25°03'13"N 87°37'18"E
32	Stone	सर्वश्री शितला स्टोन वर्क्स प्रो0- श्री संजय कुमार यादव,	पिता- श्री द्वारिका प्रसाद यादव, मु0- रामपुर करारा, पो0- सकरीगली घाट, थाना- साहेबगंज (मु0), जिला- साहेबगंज (झारखंड) 8789849803	Letter no.- 1108 Date - 09/10/2024	2 93	मौजा:- किरोकुरिया दाग संख्या:- 37पी, 38 एवं 39 अंचल:- तालझारी, पोस्ट:- सकरीगली थाना:- तालझारी	25°13'40"N 87°42'54"E 25°13'38"N 87°42'54"E

*(Signature)*



पदाधिकारी  
खनन  
साहेबगंज

DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND  
MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND



33	Stone	सर्वश्री नैचुरल माइनिंग कन्सट्रक्शन प्रा० लि०, निदेशक- श्री सुब्रतो पाल,	पिता- श्री जितेन्द्र नाथ पाल, ग्राम- मेन रोड बस स्टेण्ड के नजदीक, पो-थाना-बरहरवा, जिला- साहेबगंज, (झारखंड) 9564429992	Letter no. - 1107 Date - 09/10/2024	2.95	मौजा:- बेकुचरी दाग संख्या:- 4पी, 5पी, 112पी, 125पी एवं 126पी अंचल:- तालझारी पोस्ट:- तालझारी थाना:- तालझारी	25°03'22"N 87°42'11"E 25°03'20"N 87°42'09"E
34	Stone	Alok Stone Works Pro.- Shri Alok Ranjan	S/O- Late Bajrang Mishr Dist.- Godda (Jharkhand)	Letter no - 885 Date - 06/07/2019	2.83	Mauza- Gilmari, Plot no.- 431(P), 432 (P) & 433 (P), Post- Mijachooki, Thana- Mirjachooki	25°13'20"N 87°31'53"E
35	Stone	M s Vivaan Enterprises	Partner-Shree Ishan Shop No 4,R N Complex,Upper Bazar Ranchi 9570000111	NILAM)- 49/2022/853 MSTC/RNC/DEPA RTMENT OF MINES AND GEOLOGY/SAHE BGANJ/11/22- 23/37427	12.36	Mouza-chalpahar, Block - Taljhari, Thana-Taljhari Khata no 9,13,12,4,6,15,10,8,11 Plot No 39,32,3,15,16,25,18,27,31,4,23, 30,5,6,21,17,20,38,24,26,28,29	24°55'54"N 87°47'46"E 24°55'53"N 87°47'42"E

*(Signature)*



जिला खनन पदाधिकारी  
साहेबगंज



DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND  
MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND

36	Stone	M/S BALAJI MINERALS	PROP. UJJWAL VERMA NETAJI SHUBHASH COLONY DIST. SAHIBGANJ	Letter no. - 109 Date - 21/01/2025	6 40				MOUZA-MASBERA, BLOCK - TALJHARI, THANA-TALJHARI PLOT NO-14(P), 11(P), 12(P), 13(P)	25°03'46"N 87°42'08"E
37	Stone	सर्वश्री मॉ अम्बिका मिनरल्स प्रा० लि०, निदेशक- श्री सुब्रतो पाल,	पिता- श्री जितेन्द्र नाथ पाल, ग्राम- मेन रोड बस स्टेण्ड के नजदीक, पो0+थाना-बरहरवा, जिला- साहेबगंज, (झारखंड) 9564429992	Letter no. - 1368 Date - 12/12/2024	2 91				मौजा:- बेकुचरी, दाग संख्या:- 25पी, 52पी एवं 53पी, अंचल:- तालझारी, पोस्ट:- तालझारी, थाना:- तालझारी,	25°03'09"N 87°42'20"E 25°03'02"N 87°42'25"E

Dr. S. K. Verma  
पदाधिकारी  
समन  
साहेबगंज





DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK OTHER THAN SAND  
MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT OF JHARKHAND

38	Stone	सर्वश्री महावीर इंजीकॉन प्रा0 लि0, निदेशक- श्री राजकुमार पाण्डेय	पिता- श्री महावीर पाण्डेय, मु0- न्यू जकनपुर (डा0 बंसु षरण के पब्लिम) पो0+जिला- पटना (बिहार) 7250999888	Letter no - 780 Date - 17/08/2024	2.83	मौजा:- चुआ, दाग संख्या:- 3पी, अंचल:- मंडरो, पोस्ट:- मंडरो, थाना:- जिरवाबाडी	25°08'10"N 87°35'49"E
39	Stone	M/S SAHNI ENTERPRIS ES	PART-SRI BHOLA KUMAR SAHNI S/O-SRI PRITHVICHANDRA SAHNI	Letter no - 1413 Date - 20/12/2024	6.75	VILL-BAGCHA MAKO, PO- TALJHARI, PS- TALJHARI PLOTNO-16P,17P.18P	
40	Stone	M/S STAR MARK STONES	SRI VIVEKKUMAR DUKANIA S/O-SRI SANTOSH KUMAR DUKANIA	Letter no - 1364 Date - 12/12/2024	5.10	VILL-CHAGJO, PO-PATNA, PS-PATNA PLOTNO-6P,12P,13P,14,15P,17P.18P	

*[Handwritten Signature]*  
12/12/24  
12/12/24  
12/12/24



Note:- Till then the further clarification from NGT will not come, no fresh LOIs will given in the Grid 1,3,4 and 7 as per NGT



#### 14. TOTAL MINERAL RESERVE AVAILABLE IN THE DISTRICT

Sahibganj district is basically occupied by volcanic rock in general and basaltic rock in particular, where no mining activity has taken place, was selected for study and suitable area for mining has been selected along the running hill ranges, which may be considered as plateau with shrubs and bushes and may or may not be in forest area as per the field observation and toposheet. Selecting the area, we have also considered the approach of the proposed projects with some modification and alteration. It is proposed that the areas identified can be sub-divided into suitable blocks for mining operation, but not less than 5 hectare. It will always be better if bigger blocks in the range of 25 to 50 hectare is made in such cases losses of minerals will be reasonably less, keeping in view of conservation of mineral.

Parametres considered :

- (i) These Rocks were identified based on geological studies through field observation

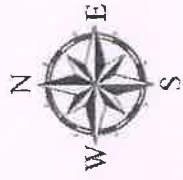
*Chy's kee*  
जिला खनन पदाधिकारी  
साहेबगंज



**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHEBGANJ DISTRICT  
OF JHARKHAND**



**Map Showing Identified Potential Stone Deposits In Administrative Boundary Of Block - Barhait  
Dist- Sahabganj, -Jharkhand, India**



**LEGEND**

	POTENTIAL ZONE
	HABITATION
	ROAD
	PROTECTED FOREST
	350m BUFFER-AROUND P.P.
	BLOCK BOUNDARY



**Spatial Reference**  
 Name: GCS WGS 1984  
 Datum: WGS 1984  
 Map Units: Degree  
 Authority: EPSG  
 WKID: 4326



*(Signature)*  
 पदाधिकारी  
 खनन  
 साहेबगंज जिला



**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**

**IDENTIFIED POTENTIAL DEPOSIT ZONE DEMARCATION ON BARHAIT BLOCK OF SAHIBGANJ DISTRICT**

OSM SHEET NO. - G45V5,  
G45V9

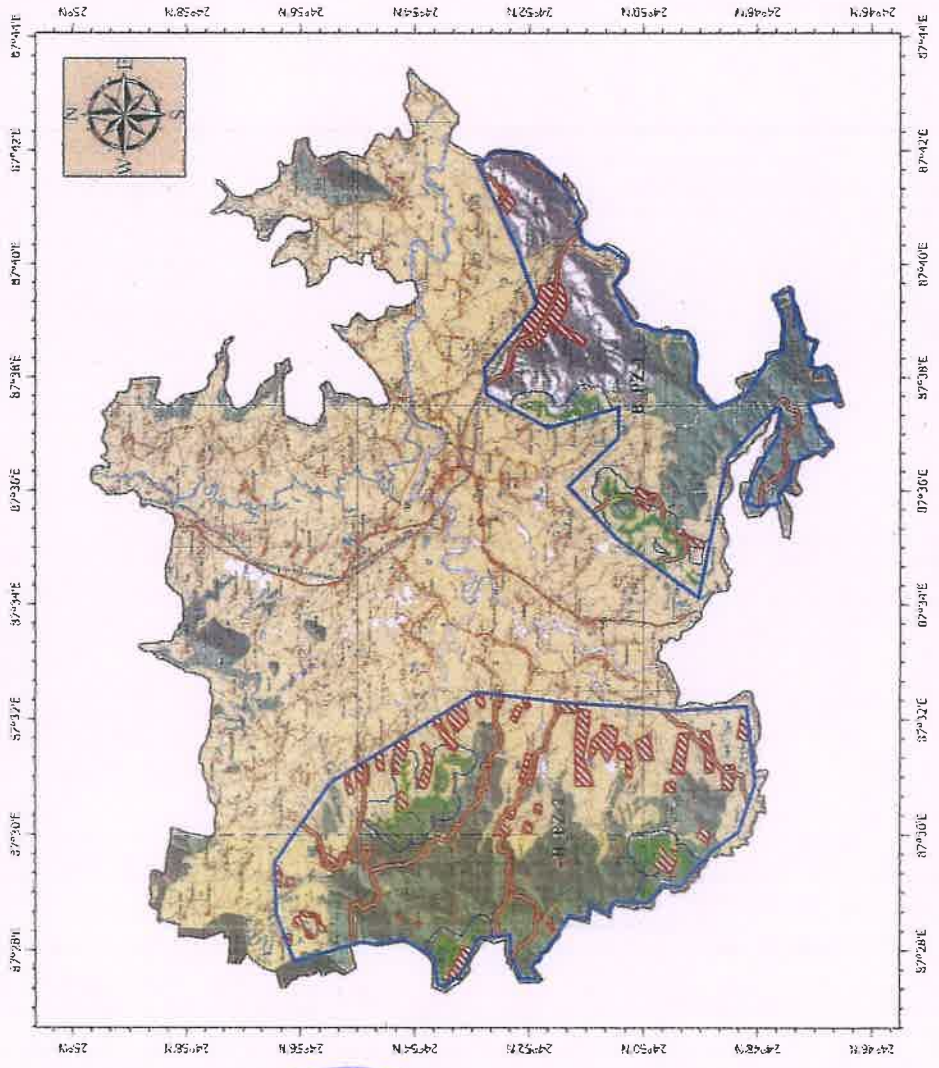
**INDEX**

- BLOCK BOUNDARY
- POTENTIAL ZONE
- ROAD
- HABITATION
- PROTECTED FOREST
- 250 m BUFFER AROUND P.F.

**LIST OF THE SHEETS**

Sl. No.	Sheet No.	Area (Sq. Km)
1	G45V5	10.5
2	G45V6	10.5
3	G45V7	10.5
4	G45V8	10.5
5	G45V9	10.5
6	G45V10	10.5
7	G45V11	10.5
8	G45V12	10.5
9	G45V13	10.5
10	G45V14	10.5
11	G45V15	10.5
12	G45V16	10.5
13	G45V17	10.5
14	G45V18	10.5
15	G45V19	10.5
16	G45V20	10.5
17	G45V21	10.5
18	G45V22	10.5
19	G45V23	10.5
20	G45V24	10.5
21	G45V25	10.5
22	G45V26	10.5
23	G45V27	10.5
24	G45V28	10.5
25	G45V29	10.5
26	G45V30	10.5
27	G45V31	10.5
28	G45V32	10.5
29	G45V33	10.5
30	G45V34	10.5
31	G45V35	10.5
32	G45V36	10.5
33	G45V37	10.5
34	G45V38	10.5
35	G45V39	10.5
36	G45V40	10.5
37	G45V41	10.5
38	G45V42	10.5
39	G45V43	10.5
40	G45V44	10.5
41	G45V45	10.5
42	G45V46	10.5
43	G45V47	10.5
44	G45V48	10.5
45	G45V49	10.5
46	G45V50	10.5
47	G45V51	10.5
48	G45V52	10.5
49	G45V53	10.5
50	G45V54	10.5
51	G45V55	10.5
52	G45V56	10.5
53	G45V57	10.5
54	G45V58	10.5
55	G45V59	10.5
56	G45V60	10.5
57	G45V61	10.5
58	G45V62	10.5
59	G45V63	10.5
60	G45V64	10.5
61	G45V65	10.5
62	G45V66	10.5
63	G45V67	10.5
64	G45V68	10.5
65	G45V69	10.5
66	G45V70	10.5
67	G45V71	10.5
68	G45V72	10.5
69	G45V73	10.5
70	G45V74	10.5
71	G45V75	10.5
72	G45V76	10.5
73	G45V77	10.5
74	G45V78	10.5
75	G45V79	10.5
76	G45V80	10.5
77	G45V81	10.5
78	G45V82	10.5
79	G45V83	10.5
80	G45V84	10.5
81	G45V85	10.5
82	G45V86	10.5
83	G45V87	10.5
84	G45V88	10.5
85	G45V89	10.5
86	G45V90	10.5
87	G45V91	10.5
88	G45V92	10.5
89	G45V93	10.5
90	G45V94	10.5
91	G45V95	10.5
92	G45V96	10.5
93	G45V97	10.5
94	G45V98	10.5
95	G45V99	10.5
96	G45V100	10.5

**Scale: 1:170,000**



*(Signature)*  
जिला खनन पदाधिकारी  
साहिबगंज

**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**



B_PZ_2		BARHAIT		B_PZ_1	
RAJAPANI	JOKACHITRGODA	MIRKABEDO	PARERBATHAN	CHHOTA PANCHKULI	TELABANI
MUGDI	KARAMTOKJOKA	MIRKAJOKA	TELBERIA	CHHOTA DURAIPAHAR	BATHANIA
MATAR	TULUM	GUTI	JASAIH	BALGURA	SAHARAJDHAB
KESAPHULI	BEDO BASKO	KATANRBITA	KADMA	BARA DURAIPAHAR	CHHOTA CHURPAHAR
KAMCHI	KATNAR	ALAKOCHA	PAHARPUR	CHHOTA BICHKANI	CHHOTACHAPTAPAHAR
JARIBEDO	DAVGODA	KAPASBERA	CHIHAR	DORAI SANTALI	AMBARPUR BEDO
GODAPULI	TELOBITA	UDALI BEDO	MASKEPU	BASTADIHA	BARA PATHARCHAPTI
GARAPHULI	ORGAMOGA	MASBERA	CHUKLI BEDO	RAGHUNATHPUR	BARA CHURAPAHAR
NTIPARA	BEDO CHINGORA	MASBERA	GORA KEPU	CHHOTAPATHARCHAPTI	AMARPUR
KUSMA	GODI	MORIKATRU	CHUKLI MAQO	PADARI	AMBARPUR MAQO
LAHA	BEDOMORI	BAJRAT	DUMBARI BEDO	BADEGODA MAQO	JAMRIPAHAR
CHHUCHI	JANI	MURGO	DUMBARI MAQO	GUMO	CHHOTA BICHKANI
CHANDARDHIPA	BARDARCHUR	CHALE PAHAR	GOGA	BADEGODA	BARA BICHKANIPAHAR
BANDKOLO	GARARI	CHALE	NIRBITA BEDO	KANDURGODA BEDO	BANSPAHAR
LABRI	TAR	ANI	KARI	KANDARGODA MAQO	BARA PANCHKULI
KOTERAMO	CHUALALO	JAMALPUR	KISHAN	KOSKEPU	KARGO PAHAR
TAMLI	TORI	SIRAMPUR	BELE KAPO	CHAPARI	CHHOTA DALDALI
ROHNI	JITA	BASKOJOKA	SINDURPUR	BADEGODA MAQO	BARA DALDALI
SINDRI	BANDKOLO	KOTBERA	DUDHIANI	BADEGODA BEDO	BARAMASIA
ADRA	JOKAMAKAMO	CHAPERI	BICH MAQO	LAKIAPATA	DHABDIHA
LAKMI	DUGU	BARAMASIYA	CHIMRI	MARGRO	TORI
ADRO PAHAR	BANDARKOLA (MOGLA)	DUMLI	TULME	CHHOTA DALDALIPAHAR	CHEVO
KASARI	DHARAMPUR	CHAPRIBATHAN	CHILAKO	TORPATA	GAMBARI
TOKJARI	DUGUBATHAN	BARAUDALI	DANBITA BEDO	DALDALI BEDO	KARAMTOK PAHAR
PAGRI	BAGHMARA	JABROBEDO	DALWA	KAMARDIHA	TELO

**Approved**  
State Level Environment Impact Assessment Authority  
Jharkhand, Ranchi

*(Signature)*  
District Collector  
Sahibganj



DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND

TATAKKURIA	BARABANDH	KARAKRE	MAKLITH	KITAJOR	KATBITA
MARE	KAMUGODA (KOMBITA)	DAVTOK	CHHOTA DALUAPAHAR	BANDAGURA	DONINATRE
MAKARMATI	GODAMO	PUSHRE	DABRA	BHAGNADIH	Madgi
KALDIGODA	LLAKI	BEDO MAKAMO	BARA DALUAPAHAR	DHANJUR	Chitrgoda
CHHOTAUDALI	MADGI MAHAWARA	JOKAJARI	JARPAHAR	BHAGABANDH	Godamo
MASKEPU	TILAKI	Chaperi	Davgoda	Telabita	Orgamoga
Bedo Basko	Jabrojoka	Jokachitrgoda	Jabrojoka	Jani	Garia
Jokamakamo	Bedo Makaro	Talmi	Bedo Mako	Murgo	Chalpahar
Pusre	Mrikuti	Masbera	Dugu	Barauidali	Banspahar
Bajrat	Tori	Jita	Bandkolo	Chualalo	Mirkajok
Guti	Kapasbera	Miare	Tatakkuria	Pagri	Makamati
Tokjari	Kaldgoda	Adro	Lakmi	Jokahan	Rohni
Tamli	Jokhan	Mangu Sevn	Janbedo	Ketermao	Jaribedo
Jaribedo	Godapuli	Chhuchi	Chhuchi	Jarl	Godapuli
Kamchi	Kosapuchi	Litipara	Kusma	Meter	Garapuchi
Mugdi	Rajapani	Bedo Torpata	Margro	Daldalipahar	Lakiapata
Chapri	Koskera	Badegoda	Nandurgodadedo	Kangarogoda	Padri
Gumo	Chhotapatharchapri	Jamripahar	Karamtokpahar	Bara patharchapri,	Badegoda Maqo
Jamri Pahar	Maklith	Chhotachapta Pahar	Amapura Maqo	Bara Chura Pahar	Kocklo
Dalwa	Chailako	Danbita Bedo	Saharajdhab	Chimn	Tulmi
Tetulbhita	Bich Maqo	Dudhianilarpahar	Bara Dalupoahar	Dabra	Jampata
Maskepu	Chuki Bedo	Tetul Tola	Chuki Maqo	Gora Kepu	Kotparte
Uparmargo	Pakeri	Chevo	Nirbita Bedo	Tori	Karrobasa
Hajarpura	Margo pahar	Chhota Eichkani	Kargopahar	Bara Bichkhani	Chhota Bichkhani
Banspahar	Bara Panchkuli.	Tulme Panek			

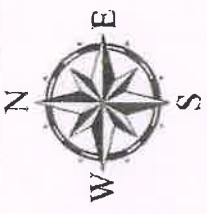


*(Signature)*

जिला खनन पदाधिकारी  
साहेबगंज

  
**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
 OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
 OF JHARKHAND**

**Map Showing Identified Potential Stone Deposits In Administrative Boundary Of Block - Barharwa  
 Dist - Sahibganj, Jharkhand, India**



**LEGEND**

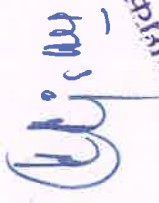
- BLOCK BOUNDARY
- POTENTIAL ZONE
- HABITATION
- ROAD
- PROTECTED FOREST

0	0.8	1.6	3.2	4.8	6.4
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**Spatial Reference**  
 GCS: GCS WGS 1984  
 Datum: WGS 1984

**Scale: 1:140,000**  
 0 0.8 1.6 3.2 4.8 6.4 Kilometers

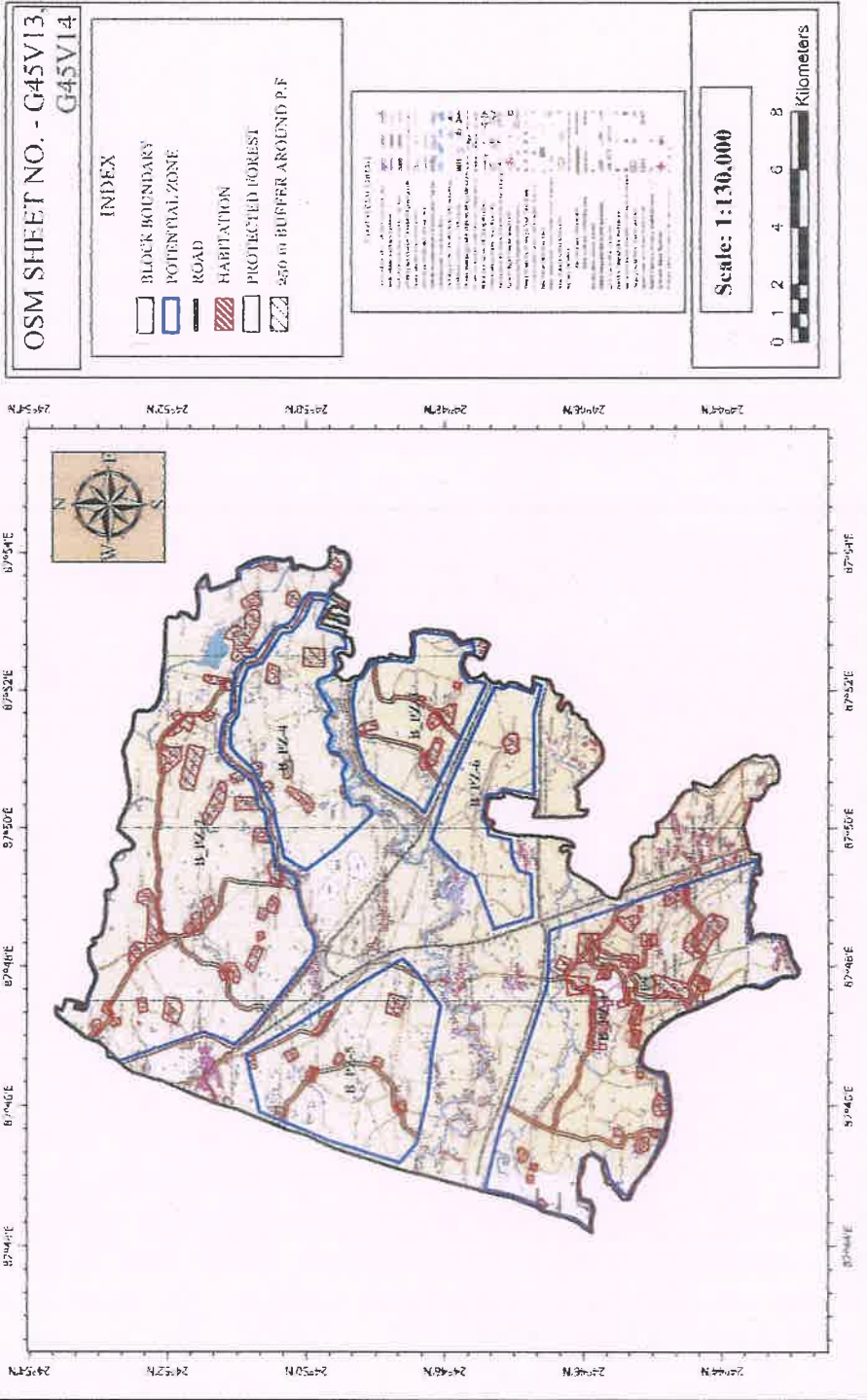


  
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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**

**IDENTIFIED POTENTIAL DEPOSIT ZONE DEMARCATION ON BARHARWA BLOCK OF SAHIBGANJ DISTRICT**



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साहबगंज



**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SATEBGANJ DISTRICT  
OF JHARKHAND**

<b>BARHARWA</b>				
GOPALPUR	JAMPUR	BHAURABANDH	KALU	CHHOTA SONAKAR
BARHARWA	SIRASING	BHAURABANDH	NAYAPARA	CHHOTA SONAKAR
CHANDIPUR	NAKSIMAL	BELIADANGA	RISOR	BARA SONAKAR
SHAMPURCHHIT	BASNA	SHAMNAGAR	NURPUR	BARA SONAKAR
BINAPARA	CHANDALIPARA	BELIADANGA	BARARI	SIULIDANGA
KUSMI LAKHIPUR	PURULIADANGAL	SHAMNAGAR	PIPRA	SIULIDANGA
KUSMILAKHIPUR	BISHUNPUR	PIPUROJORI	SIMLA	SALALPUR
SHAMPUR	PURULIABILAN	KORA TOLA	THOPGRAM	SHAMJOT
TAMKUNDA	BARA GARGRAM	LOHATIA	MIRJAPUR KHURD	SHAMJOT
CHANDPUR	HARISPUR	PHULCHUA	CHAK	SALAPUR
RANIGRAM	CHAND>LIPARA	FATEHPUR	ITWAKANAIDANGA	LADOPARA
MADHOAPARA	CHANDJIHAPARIA	ANGUTHIA	KASBASIRASIN	CHAULCHHOLA
SHAMPUR CHHIT	BATAIL	JAMBAD	RAMESHWARPUR	BHAGBATPUR
SATGACHHI	SABDA CHHOTA GARGRAM	JAMBAD	GAURANG	BHAGBATPUR
ANITIKAR	SUDKHOR	CHHOTA ASILA	GAURANG	SHAMJOT
SIRAMPUR	BHATPOKHARIA	BARA ASILA	JALKARGATI	BHAGBATPUR
CHANDA	DULAMPUR	BARA ASILA	MIRJAPUR	BINODPUR
CHAPUJAN	BHIMPARA	GOALPARA	JAGARNATHPUR	CHANDANPUR
GRAMSIR	JAMALPUR	GOALPARA	RASULPUR	DARIAPUR
GORA	NIJAMPUR	DOMPARA	SIRASING	BINDUPARA
THOPGRAM	NIJAMPUR	DOMPARA	CHAK	BUNDUPARA
JOTMAHESH	RISOR	NISCHINTAPUR	ITWAKANAIDANGA	BISHUNPUR
MOGALPARA	MADHUPUR	MILIK MAHABATPUR	THOPGRAM	GARIANPARA
MAHARAJPUR	CHANDDIGHI	DHURPAL	BAIKUNTHPUR	MILIK
		MAHABATPUR	DEBU	MAHABATPURJIGAR



*(Signature)*

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DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND

PITAMBARPUR	FATEHPUR	JUhibANA	BASANTPUR	GHAT MAHABATPUR
SATRAMPUR	SALEMA	AGLOI	BELDANGA	NISCHINTAPUR
SATRAMPUR	RUPPUR	PATHARIA	KAMALPUR	NISCHINTAPUR
BAIKUNTHPUR	NURAI	DHATAPARA	MIRJAPUR KHURD	BIJAIPUR
BAIKUNTHPUR	NURPUR	DHATAPARA	JALALPUR	CHHOTA SONAKAR
NARAINPUR	MIRJAPUR	MAJURKOL	FATEHPUR	BEHBATPUR
BAIKUNTHPUR	MIRJAPUR	BIJAIPUR	KISTOBATI	GOALKHOR
CHAK				
ITWAKANAIDANGA	MIRJAPUR	PALASBANA	MAHATAPUR	MILIK BINDUPARA
NARAINPUR	MIRJAPUR	KALINAGAR	ABRATOLA	MILIK BINDUPARA
NARAINPUR	MIRJAPUR KHURD	KUSKHETRA	LADOPARA CHHIT	BADRUDINPUR
OBHIRAMPUR	CHANDDIGHI	JALALPUR	LADOPARA	THOPGRAM
BAIKUNTHPUR	SIRASING	MOHANPUR	MILIK GOALKHOR	
OBHIRAMPUR				
BAIKUNTHPUR (CHHIT)				



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साहेबगंज

  
**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
 OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHEBGANJ DISTRICT  
 OF JHARKHAND**

**Map Showing Identified Potential Stone Deposits In Administrative Boundary Of Block - Borto  
 Dist- Sahebganj, Jharkhand, India**



**LEGEND**

	POTENTIAL ZONE
	HABITATION
	ROAD
	PROTECTED FOREST
	350m BUFFER AROUND P.F
	BLOCK BOUNDARY



**Spatial Reference**  
 Name: GCS WGS 1984  
 Datum: WGS 1984  
 Map Units: Degree  
 Authority: EPSG  
 WKID: 4326



  
 Director  
 State Environment Impact Assessment Authority  
 Jharkhand, Ranchi









**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**

**IDENTIFIED POTENTIAL DEPOSIT ZONE DEMARCATION ON BORIO BLOCK OF SAHIBGANJ DISTRICT**

OSM SHEET NO. - G45V5,  
G45P12

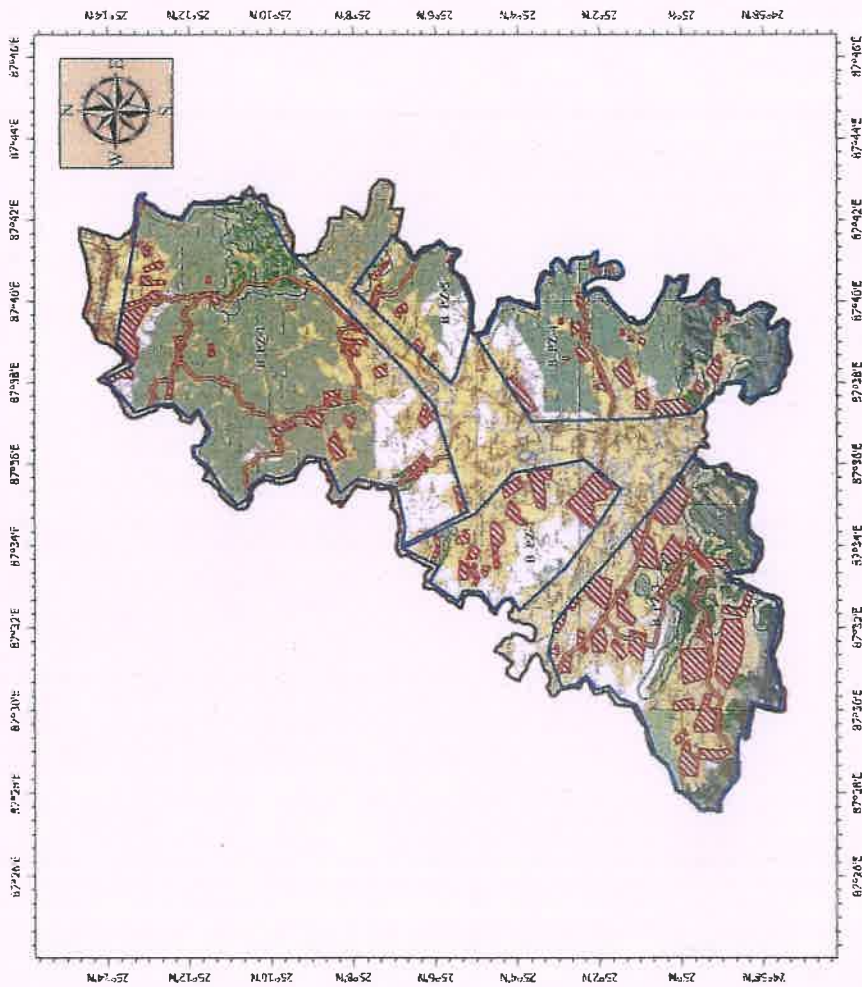
**INDEX**

-  BLOCK BOUNDARY
-  POTENTIAL ZONE
-  ROAD
-  HABITATION
-  PROTECTED FOREST
-  450 m BUFFER AROUND P.F

CONTINENTAL SHEET

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Scale: 1:220,000




*K. J. Das*  
खनन पदाधिकारी  
साहेबगंज



**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**

<b>BORIO</b>											
<b>B_PZ-1</b>			<b>B_PZ-2</b>		<b>B_PZ-3</b>		<b>B_PZ-4</b>			<b>B_PZ-5</b>	
DUMKI	LILATANR	BAHERA	BHURKUNDA	BALIDIH	KUNMAN	GARE MAGO	KEROGODA	MATIPAHARI BARA			
GODDA	CHAPALGODO	SARSA	MANGRA	BICHUPURA	KEROBERA	MURALI	MARGECHUNDI	RANGAMATYA			
KERAYA	MOCHIKUTI	AURBATA	AMJANI	BANDOR	KUDMAN	DALABARIPAHAR	SANJORI	BARAMASIA			
BARA BANSO	TOK BELRA	PARTE BEDO	AMJANI PAHAR	BURUDIH	MOTIDIH	DALABARI	DEPARI	KARUMBA			
BUNDA	BELRA KARGO	PARTE MAGO	KADMA	GAURIPUR	GAMBARI	DALEBARI	SAHARPUR	BUNDABEDO			
PAKARIYA	PAULPAHAR	SARHARBERA	DIGRA	DANOWARA	KUNMAN	KUNDO	KUSTANR	AMKONDE (ECHATANR)			
MATIA BEDO	PODIAHA	MIRA	BUNDA	DANWARE	SAJANI	MUNDLI	ANDASURE	DABARKODA			
CHIUTIYA	POKHARIYA	NIRAPARA	BASNIA	DEMCHAKE	KHUTAPAHAR	KEROJORI	ADRO	GARGARI			
DOBNI	NAUGACHI	BARA PAGARO	DIGRA RAKSO	PANDRIYA	MAKBARGI	HATHIKHUTA	PERGODA	ASANJORA BEDO			
MANGTANR	NAUGACHIPAHAR	SIMALJORI	BARA RAKSO	CHAPGAWN	MAHWARI	PATHARGHATA	KANUGODA	ASANJORA MAGO			
BAGDUMA	ROLDIH	BARA TETARIYA	SABAIIYA	RANCHAUARA	DEHAR	SIMRA	SARABINDHA	KUNDR			
RANIBATHAN	GHOGI	ADRE MAGO	JAMKUNDR	PATLOHARA	CHAPI	APROL	KAMOGORA	CHENGA			
BIRBALKANDAR	GOGI BEDO	BARA TAUFIR	BEDO DODE	SITALPUR	PACHARE	GORDA	RAMPUR	PADIA MAGO			
KAUDA	LOHANDA	CHALDHOA	BATHANI	CHITRCTOKE	GOBRIBERA	PADIA BEDO	KARMATANR	BASKOBAR TOLA			
DHULIANI	LOHANDA MAGO	MAJHUWA	SOLAPUR	PERTOKE	BATHANI	CHAPERI	DHOBANA	CHHOTA DAULEPAHAR			
BISHUNPUR	NAWGACHI	RAJAN	BARAMASIA	PIPIRA	BARAMASIA	PARADONI	DANDAGORA	BARA DAULEPAHAR			
SAHARIJORI	DURGATOLA	BARA	KHAJURIA	DAUGODA	KHAIRWA	GHUTIBERA	BHURAPAHAR	CHHOTA KENDAU			
DULE BEDO	GHOGI MAGO	SHAMPUR	KENDUA	GIDAKOLE	TOK BASKO	Asanbani	LAGRAM	DJA PAWI / ASH BOK / KUNLR			
BOBETAK	LOHONDA BEDO	KANRI	MIR	BARA KUSMI	HARINCHORA	Sarsa	ICHATANR	MAKNI BARA MA			



  
**खनन पदाधिकारी**  
 खनन विभाग

**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHEBGANJ DISTRICT  
OF JHARKHAND**



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खनन पदाधिकारी  
खिला सहायक

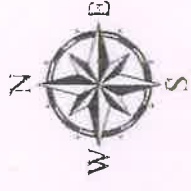
BAGDUMA	ADORE BEDO	PARADAR	Ghogi	RANGMATIA	DUMKI	Aurbata	GARGARI	CHHOTA BHIRANDA
DAUGADA	PANGDO	GHOGI	Lohanda Bedo Lohanda Mako	BISHUNPUR	PANDENI BEDO	Sihli	AMARPUR	CHHOTA TETARIYA
POAL	ASANBANI	PANCHGARH	Durgatola	POKHARIYA	RANGA	Gowaibhita	JANI BEDO	SATICHAUKI PANRO
KABDONA	GOWAIBHITA	LADONRI	Belra	GHANGIPUR	MURGABANI	Durgatola	BHALSUMIYA	LALATOK BARAPOKAIA
BAGMUNDI	CHAPA	DORME	Bijria	KITAJHOR	BARACHATNIA	Aprol	PARAIA	BARA PANCHGARH PAHAR
TARAPUR	DULE	BANSKOLA	BUNDA	MURGABANI	BARA GHAGRA	Binderi	DANDIBEDO	GOPAL CHAUKI
TURUA	KARAMBITA	TANDONRA	Panchgarh	DUMKI	DUMARIA	Hathikhuta	DANDI MAGO	CHHOTA LOHANDA
SABAIYA	PAHAR	PATAURA	Chapa	JITPUR	KUMHARIYA	Bagcha Mago	MAHUATANR	TELABANI KHAPLO
BANDIHI	KARAMBI	SIDHARI	Sidhari	BARUGHUTU	PANDENI	Dalebari	BANDOR	Bara Panchgarh Pahar
KORDIHA	JOBARDIH	NARGANJ	Daugoda	TARAPUR	CHETNI	Dalabaripahar	CHASGANWAN	BORRIO(SANTALI)
PAHARPUR	KARKUTI	BADETRE	Gogi Bedo	KHAIRASOL	KERWA TOLA	Kundo	KOKRO	BORRIO(SANTALI)
DEVPAHAR	PARTU TOLA	MIR	RUPATOK	RUPATOK	ULUGHUTU	Hathikhuta	TELO	CHHOTA BANGUON
BINDERI	CHIHARPARI	NAWADIH	Bagduma	KARAMBE	KHAIRBANI	GARE BEDO	DHANELA	BARA BANGOAN
KHAIRASOL	MATIA	DAPANI	Lachmi	POKRIA	GUTI MAGO	Simra	PATHARA	RAMPUR BANSJORI
SIMALJORI	BASNIA	Dhuliani	Podiaha	GUTI	KARAMGODA	Karambi	DAHARLANGI	CHHOTA BANDAR KOLA
SIHLI	KUSUMPOKHAR	Chiharpari	Phulpahari	Baraparte	Barapagaro	Rupatok	Chitrtoke	CHAKRADAWAGODA
Dorme	Adore Mago	Nargang	Gaude	Chongro	Saharbera	Mahwari Bedo	Danware	JADUTOLA GHAGHRA
Kanri	Gaude	Khairsol	Naugachi	Diari	Pangdo	Daugda	Demchake	ASSESSMENT BINDER (BANDERKOLA)
Ladonri	Dule	Gowaibhita	Roldih	Phuljhari	Adremago	Gidakole	Rangmatia	Chhotabandarkola
Rpldih	Dapanmi	Tetria	Banskola	Jhingani	Tetria	Pipra	Sitalpur	JHEKUMAJORI
Adore Bedo	Jokani	Damdama	Nirapara	Mira	Parte Mago	pertoki	Bishunpur	BARA CHANARIPAHAR





**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHEBGANJ DISTRICT  
OF JHARKHAND**

**Map Showing Identified Potential Stone Deposits In Administrative Boundary Of Block - Mandro  
Dist- Sahebganj, Jharkhand, India**



**LEGEND**

	POTENTIAL ZONE
	HABITATION
	ROAD
	PROTECTED FOREST
	250m BUFFER AROUND P.P
	BLOCK BOUNDARY



Spatial Reference  
Name: GCS WGS 1984  
Datum: WGS 1984  
Map Units: Degree  
Authority: EPSG  
WKID: 4326



*Ujwal*  
जिला खनन पदाधिकारी  
साहेबगंज



**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**



**IDENTIFIED POTENTIAL DEPOSIT ZONE DEMARCATION ON MANDRO BLOCK OF SAHIBGANJ DISTRICT**

OSM SHEET NO. - G45P8,  
G45P12

**INDEX**

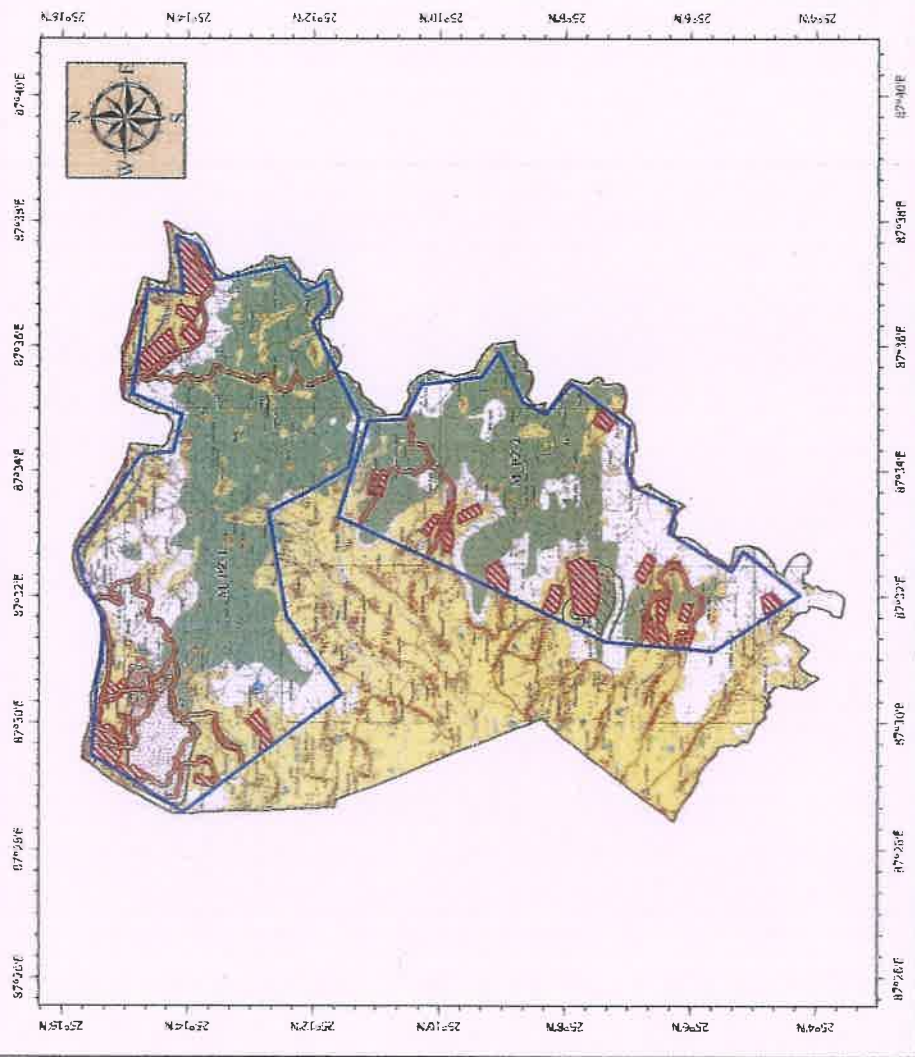
- BLOCK BOUNDARY
- POTENTIAL ZONE
- ROAD
- HABITATION
- PROTECTED FOREST
- 450 m BUFFER AROUND P.F.
- STONE BOULDERS

**LEGEND**

	Block Boundary
	Potential Zone
	Road
	Habitation
	Protected Forest
	450 m Buffer Around P.F.
	Stone Boulders

**Scale: 1:150,000**

Kilometers




*D. Singh*  
जिला खनन पदाधिकारी  
साहिबगंज





**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**

MANDRO BLOCK									
M_PZ-1					M_PZ-2				
MAJH KOLA	BANSJORI	CHHOTA BETAUNA	HATHIDDARI	GARAPANI	KAURIKUSUM	BASKOLA	TARA	MAJH KOLA	AMJHOR
BOMRIA	KOTGANDI	KOREPARAPAHAR	BARA GHOTIBERA	SAHARA	BAND KACHO	GILAMARI	SOONJIHOR		
AMDONDI	ROSOI	BETONRA	SAHARPUR	JHIRIKBHITA	BARAMASIA	AMRAPOTHARGHATA	RANIDIH		
BASKOBANSIJHARNA	SONDA	PACHARKI	PANCHRUKHI	CHEOKOLA	MORI	DODA	SIMRA		
KULBANGA	BARAMASIA	CHOTROGOGA	SERGARH	TETRIA	KERIGODA	MANDRA	DEODANR		
POLMA	GUTI	GUTIBERA	CHALDIH	PAGRO	DUBIGODA	KOMODARI	BHURKUNDA		
JAGORI	UJDAHA	JHAGRUCHAUKI	MUNDIL	AMJIHOR	GILAMARI	DUDAMA	TARA		
SIMBERITOK	BANCHAPA	SIRAM CHAUKI	BARTALA	AMRA	AMRA	DEODANR CHHOTA	CHALGOPA		
TETRIA	GAUBATHAN	AMBADIHA	MIRZA CHAUKI BAZAR	ADRO	GULIGODA	UAMDANR	KALAJHOR		
MEDO	GUTIBERA	PALMA	BARTALA	SORMARI	KANRI	AMRABERA	MALIGODA		
SUGNIPAHARPUR	HATHMARI	BARA SOLBANDHA	BICHKANRE	KUKDAR	RAKESI	PARAYA	HETH CHATRA		
KANIPAHAR	KHAIRABANI	PINDARE	MIRZACHAUKI	PARSA	BUNDARAM	AMSARI	CHUKO		
AMJORA	MATHADIH	BARABITAUVNA	KARAM TOLA	PEGODO MAQO	TETRIA	BALUTOLA	CHATRA		
GILAMARI	PAHARPUR	UAMDANR	KARGO	KATENGI	NAGARBITA MAGO	GOBINDPUR	JOKANI		
PAKRIA	BINDABAN	BASHA	KODEPARA	HUJRI	GORKANA	BARA DEODANR	JANI		
DAMRA	DHAUKUTI	BANSKOLA	CHHOTA SOLBANDHA	MAGALMENDO	DAMDAMA	MASANIA	Desipokeria		
LALMATIA	CHUNAKHALI	LAHURBERA	CHUA	KATENGI	KADEM	MOTIJHIL	Marikuti		
DESIPOKERI	BUMRA MAQO	SUNDERE	KHELATOLA	KASARI	PUSURGODA	BASGO BODO	Burkunda		
POKHARIA	KAIRASOL	DAMINBHITA	DEMBA	PERGODO BEDO	BHOMDAI	CHATRATETANA	Siwria		
BURKUNDA	ROHRE	GARI	NIMGACHHI	BABUPURPARSA	AURJANRI	MAHESHPUR	Demba		
MARI KOTI	BHUTAHA	LALMATIA	Gari	Amjora	Amjhor	Karamtola Dakhin	Majh Kola		
SIWRIA	BALBADRI	UTTAR	Daminbita	Sugnipahar	Jani	Bhawanichauki	Hathidar		
Chua	Kulbanga	Jagori	Kotgandi	Baskobansijharna	Medo	Polma	Beachhatisehment		
Ambadiha	Bara Bhiranda	Teliagarhi	Kanipahar	Sergarh	Kanaipahar	Rosoi	Amjhor		

  
 District Surveyor  
 Sahibganj District  
 Jharkhand



**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**

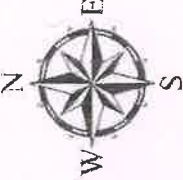
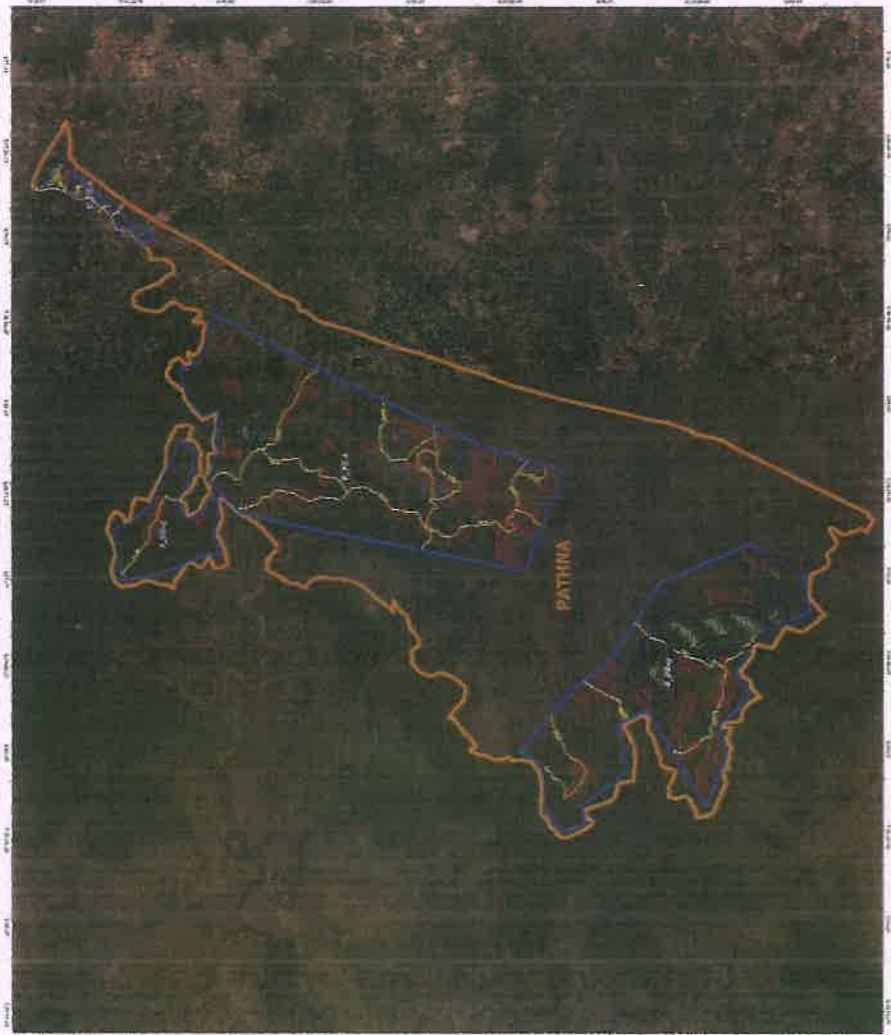
Pokharia	Lalmatia	Khelatola	Gangti	Kotgandi	Simberitok	Baskobansijharna	Amdandi
Medo	Bara Bhiranda	Pacharaki	Karambi	Lalatak	Betonra	Sergarh	Polma
Chaldih	Pokhariapahar	Koreparapahar	Rohre	Medo	Tetria	Maheshpur	Chotrogoga
Amsari	Chuko	Heth Chara	Kalajhor	Maligoda	Dule	Bhomdai	Badem
Damdama	Jokani	Deodanr	Chalgona	Aurjanr	Komodari	Dudama	Kanri
Rakesi	Guti	Chua	Mori	Bunda	Sahara	Kaurikusum	Dubigoda
Gilamari	Mandra	Garapani	Sormari	Doda	Baskola	Jhirikbhita	Amrabeto
Pagro	Kukdar	Cheokola	Magalmendo	Soonjha	Tetria	Cheokola	Katingi Mago
Magalmendo	Bhomdai	Badem	Partutola	Sundere	Daminbhita	Damra (Daminbhita),	Pakria
Kodepara	Sugnipaharpur	Bomria	Butaha	Mundli	Bumra Mago	Balbadi	Kairasol
Chui	Banskola	Gari	Banchapa	Guti	Talmi	Baubathan	Sonda
Kanipahar	Hathmari	Khairabani	Chuna Khali	Dhaukuti	Paharpur	Rosoi	Tetaria
Bichkanre	Bartala	Nimgachhi	Chota guttibera	belbhadri			



*(Signature)*  
**पदाधिकारी**  
**खिला खनन**  
**साहिबगंज**

**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAUBHAGANJ DISTRICT  
OF JHARKHAND**

Map Showing Identified Potential Stone Deposits In Administrative Boundary Of Block - Pathna  
Dist- Sahebganj, Jharkhand, India



**LEGEND**

- POTENTIAL ZONE
- KARTATON
- ROAD
- PROTECTED FOREST
- 250m BUFFER AROUND P.F
- BLOCK BOUNDARY



Spatial Reference  
Name: GCS WGS 1984  
Datum: WGS 1984  
Map Units: Degree  
Authority: EPSG  
WKID: 4326



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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**

**IDENTIFIED POTENTIAL DEPOSIT ZONE DEMARCATION ON PATHNA BLOCK OF SAHIBGANJ DISTRICT**

OSM SHEET NO. - G45V9,  
G45V10

**INDEX**

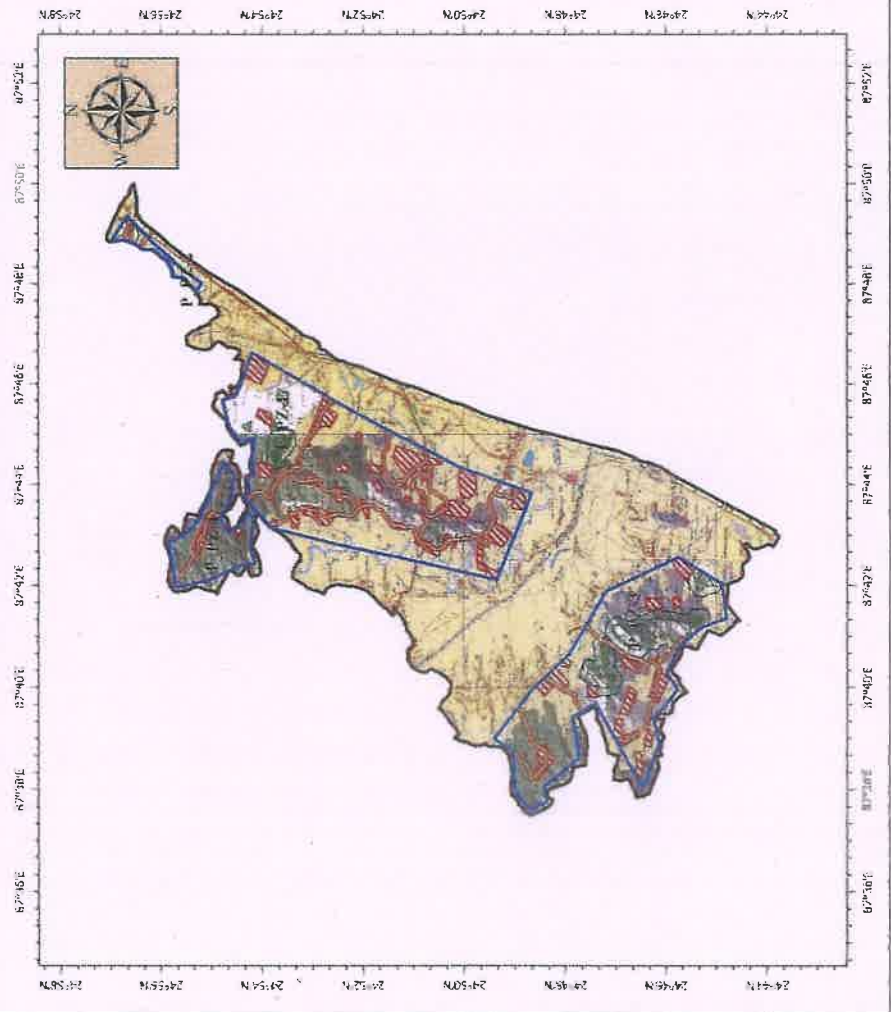
- BLOCK BOUNDARY
- POTENTIAL ZONE
- ROAD
- HABITATION
- PROTECTED FOREST
- 250 M BUFFER AROUND P.F.

**IDENTIFIED DEPOSIT**

Sl. No.	Name of the Deposit	Area (Ha)	Remarks
1	...	...	...
2	...	...	...
3	...	...	...
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50	...	...	...

Scale: 1:180,000

0 1 2 Kilometers



जिला खनन सर्वेक्षण  
 पदाधिकारी



**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SATEBGANJ DISTRICT  
OF JHARKHAND**



**PATHNA**

P_PZ-1		P_PZ-3		P_PZ-4		P_PZ-2	
AMGACHHI	TALJHARI	JHUMARBAD	TEGRA	SARAIBINDHA	KARAMBE	BANSBHITA	
KENDUA	GANGOPARA BEDO	SHAMPUR	GUTIJHARNA	TALJHARI	CHITPAHAR	RAKSHABANDH	
TELBUTA	GANGOPARA MAGO	BARHIBASTI PAHAR	KUSUMJHAMA	RAJAPANI	BARA TEGRAPAHAR	MADHOPARA	
CHHOTA RANGA	KUNDI	KUMHARIA	SIMALDHAB	LAKHIPUR	HATHI KHUTA	Pandanbhita	
KUCHPARA	CHAPANDE	BARA DIGHI	BATHANI	KALIANPUR	URSAPAHAR	Nirbita	
CHUTIA	TELO	SARAIBINDHA	KESCHIPRI	BARAMASIA	CHOTA TEGRAPAHAR	Chandolapahar	
DAHUIJOR	BASKO	SIMALGORA	KHAROBASA	KANARABASA	MAHUATUK	Kalopahari	
BARONA	GUNJARA BEDO	CHANDOLAPAHAR	LAKHANPUR	PANDANBHITA	Gumapahar	Idri	
MODIKOLA	GUNJARA BEDO	KUSAMPOKHAR	JHIKRA	TETULBHITA	Keschipri	Chaigo	
KESRO	GUNGRA MANGO	AMJHOR	DUMARIA	GHARGHARIA	Gutijharna	Dhibra	
TALBERIA	CHALI	AMANDADA	BIRAJPUR	SAHRI	Talbaria	Kalopahar	
MANGALADIH	IDPE	KOILOPANI	KARANTOLA	KAUABDHAB	Ikapokhar	Bunda	
BIDMARPAHAR	KASARI	DHIBRA KOLPAHAR	KUSUMGHATI	IKAPOKHAR	Tetulbhita	Baraghat	
SITAPAHARI	CHAPANDE	CHAGIO	SONDAPAHAR	BANSKOLA	Belekapa	Barhibastipahar	
MAHKUP	BUNDA MAGO	IDRI	PATRAPARA	BARA	Gambari	Aamdanda	
BARAMASIA	MANSBERA	AMDANDA	TALBARIA	CHHOTAMAJDIHA	Goga	Baijmathpur	
AMBARE	CHALI	BANSPAHAR	KAESI	TILBHITA	Kishan	Kadampur	
BADE	MAJHLADIH	CHAMRAPAHAR	AMARBHITA	SANGATOLA	Narbita Bedo	Jhumarbad	
SANSARI	MANDALO	KORDR	GUAMAPAHAR	SINGATANR	Tatgebita	Tangani	
Mansbera	Bunda Mago	Basko	Telo	Simbera	Ambare	Bade	
Idpe	Kanderfoda	Manjhladith	Mahkup	Kund	Chapapahar	Sitapahar	
Kesro	Taljhari	Gangopara Mago	Gangopara Bedo	Borna	Rajgopara	Borna	
Modikola	Telbhita	Kendua	Dahujoor				

By                       
पदाधिकारी  
जनता खनन  
संस्थान



**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHEBGANJ DISTRICT  
OF JHARKHAND**



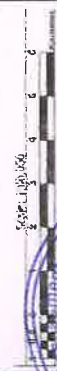
**Map Showing Identified Potential Stone Deposits In Administrative Boundary Of Block - Tajhari  
Dist- Sahebganj, Jharkhand, India**



LEGEND	
	POTENTIAL ZONE
	HABITATION
	ROAD
	PROTECTED FOREST
	250m BUFFER AROUND P-F
	BLOCK BOUNDARY

HEMATITE DEPOSIT	
1. Hematite	1. Hematite
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100. Hematite	100. Hematite

Spatial Reference  
Name: GCS WGS 1984  
Datum: WGS 1984  
Map Units: Degree  
Authority: EPSG  
WKID: 4326



**W. S. Roy**  
खनन पदाधिकारी  
साहेबगंज  
जिला





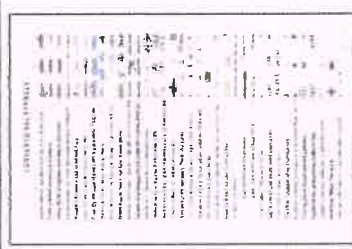
**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**

**IDENTIFIED POTENTIAL DEPOSIT ZONE DEMARCATION ON TALJHARI BLOCK OF SAHIBGANJ DISTRICT**

OSM SHEET NO. - G45V9,  
G45P12

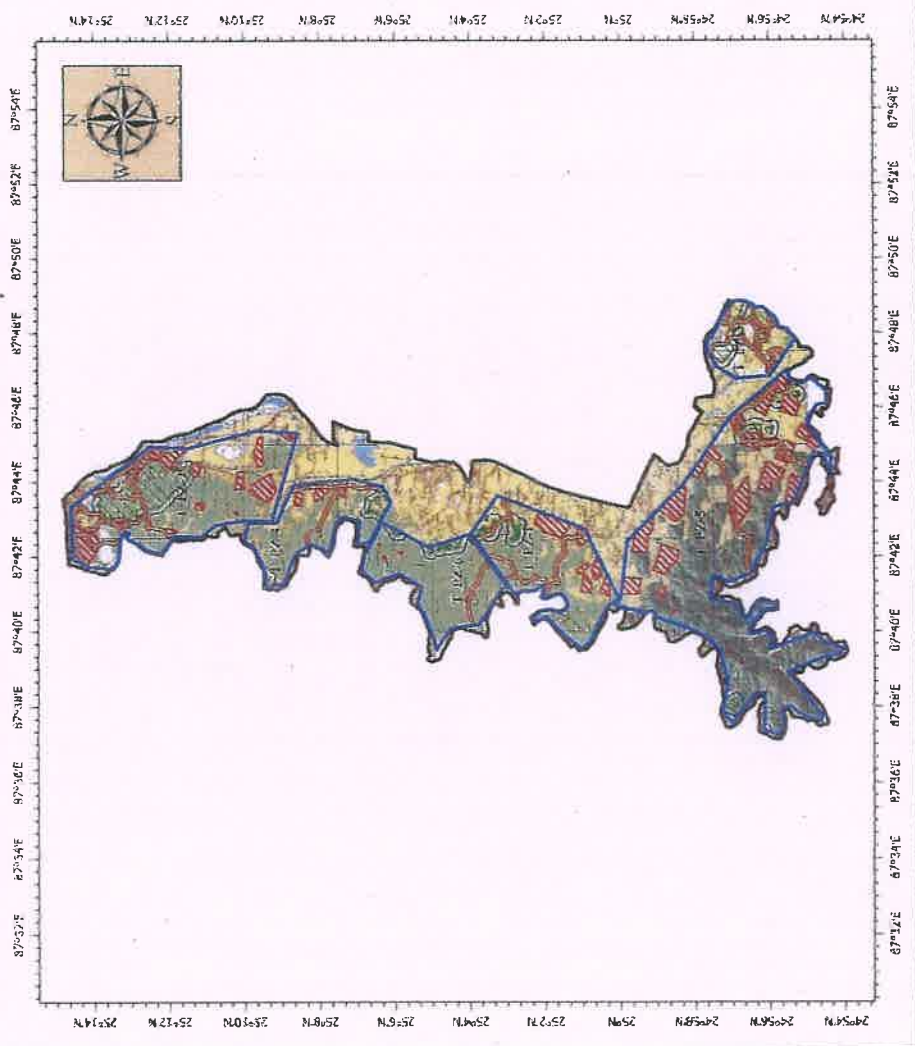
**INDEX**

- BLOCK BOUNDARY
- POTENTIAL ZONE
- ROAD
- HABITATION
- PROTECTED FOREST
- 250 m BUFFER AROUND P.F.



**Scale: 1:250,000**

Kilometers



*(Signature)*  
पदाधिकारी  
साहित्यिक





**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**

T_PZ-2		TALJHARI		T_PZ-6		T_PZ-1	
		T_PZ-4					
CHAPAL PAHAR	KALIYANI	BAGIORI	JAMBU	BAGCHA BEDO	MANSBERA	TEGRA	
BARA HARINKOL	BANJI	NAUGHATA	KAKBITA	BAGCHA MAQO	CHHOTA BANSJURI	MANSAKEPO	
AURIYA	SAURA	KELABANA	GHOCHI	DOBTOKRI SONDA	PATHARGAMA	KEP MAQO	
JHIKRA HARINKOL	TUTI	LAKHIPUR	KARANPUR	BOGA	TALME (PANEK)	IIKRU	
PURLIYA	MANDE	ROHRO	JOYA	GILA	KONGABERA	BALKO	
HARDI	DARKALA	RODO	Jamni	BOTRI	AMBADIHA	PAGAR	
DANGA	MOTI JHAMA	PUSRE	Saura	GORDHOA	GUTIBARA	BANSBHAIYA	
BEHRA	CHAK MOTIJHAMA	KHAIRASOL	Banji	NIPANIA	GUTI	TETARIA	
CHAMDI MAGO	DIARI	ATIKED	Kaldi Bita	PARERKOLA	CHAMDI	BEKCHURI	
CHAMDI BEDO	CHONGRO	DARWAS MAGO	Chamdi Mago	BANSBHAIYA	KATIKEWA	BHATBHAGA	
SASRA	GODWA	MURLI (MUNDI)-MAGO	Chamdi Bedo	PUSRE	BRINDABAN	MASBERA	
KADAMPUR	BANSKOLA	BARA	Behra	DARWASE BEDO	BUFSI	LEBA	
BARDANDA	AMBADIH	KACHORI BEDO	Danga	PAKRIA	BEHERA	Batbanga	
JHINGANI	KOROKURIYA	KALHAJHOR	Joya	MASBERA(BASPAHAR)	JASKUTI	Bagcha Mago	
JHINGANI	CHHOTA BHAGEAMARI	JAMALPUR	Kakbita (Jhapsi),	Kalhajhor	AMGHATA	Bagcha Bedo	
BANJI	BARA PARTE	KOCHORI MAGO	Ghoghi	Joya	KEPMAQO	Jilkur	
KALDI BITA	BOHA	GAMHARIYA	Goga	Ambori	NISCHINTA	Katikewa	
PHATEHPUR	CHHOTA BHAGIAMARIAND PARTAB	AMBORI	Jamba	Pusru	KENDUA	Tetaria	
CHIRIYA DAJHIL	HATHIGARH	GOGA	Kasari	Pakri	SHARIDHAB	Balko	
BELBATHAN	JAMINI	BADEME	Chatkihi	Badhua	GANGTIA	Chamdi	
MEHDIPOKHER	CHHOTA BHAGIAMARIAND PARTAB	CHATKIHI	Bademe	Darwasi Bedo	RADHA KISHUNPUR	पञ्जिका खनन साहेबगंज	
DHANBAD	PHULJHARI	KASARI	Kachori Bedo	Botri	GARUDHAB	Kerojoi	
Chota Bhagimar	Badi Bhogiamari	Chongro	Kachori Mago	Gila	Telabani Khaplo	Kundo	
Korokuriya	Baraparte	Godwa	Muri	Boga	Digra	Hathikhuta	
Davgoda	Sajni Bedo	Chaugaria	Dhangona	Kuchla	Mahuatari	Chamdi	
Lokani Mako	Lokani Bedo	Banapara	Chakopara	Bara Bathani	Malibita	Edo	
Kerwa	Rohra	Ursapahar	Garhduara	Partu Pahar	Haldi Pahar	Chengbita (Nagarbita)	





DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND

TAUHARI

T_PZ-5		T_PZ-3	
MANIHARPUR	PARA MALGO	MANSBERA (BERA BANS PAHAR)	BARTOLA
TETARIAPAHAR	KARSONRI	CHABITOK	GOALAPAHAR
BATHANI PAHAR	GARIA	DAWANA	MAHUATANR
BATHANI	BANAPARA	EDRI	DHANGORA
HALDIGARH	RODO BEDO	BALCO	CHAUGARIA
PARTUPAHAR	RODO MAQO	TELCHOKO	DAVGODA
CHENGBITA (NAGARBITA)	CHANDE KEPU (CHAL)	MALIBITA	ROHRA
SALGACHHI	PAKIA BEDA	KARKARAM	GAMBARA
BASKO	JIRIK(KAJI)	MARGARO (KARI)	KERWA(GIDAR)
BASKO	ICHAPARA	CHUA BEDO	CHANDIKODO
LEBA MAQO	ICHAPARA (ICHANASI)	CHUA MAQO	KADAMPUR
GODONGA	MAKWARA	PIRPAM	BAJUNATHPUR
SIMBERI	CHAUDHARIA BISHUNPUR	CHAKAPARA	GARHDUARA
BAGA(PAKARIA)	AMBADIHA	TELOTOK	PANRSAGA
SHAMPUR	HISIGANJ	SAJINI MAQO	SALGACHI (SARKI)
MAHULBANA	PARERKOLA	BAKUDIH	KAMUGODA (BARA BATHANI)
BENGARIA PAHARI	SADAPUR	CHHOTA BANAPARA	KETEKBERA
BHAGAPAHAR	DHAMDHAMIA	HARIAKOL	MAHADEVPUR
PARTE	DANGATUK SANTALI	MATITUCK	PAHARPUR
PARASPANI	DHAMDHAMIA PAHAR	HARIAKOL	BARA DURGAPUR
BARMASIA	DANGATUKPAHAR	BARA BANAPARA	JOKANI MAQO
AJODHYA	CHHOTA DURGAPUR	MATIANIPAHAR	JOKANIBEDO
Masbera	KOCHLO	BIRPAHAR	KUCHIA
Gordhoa	MANSKEPU	SATIBERA	DHABNA
Telotok	Amlonde	Manskepu	Baga (Pakaria)
Chua Bedo	Dawana	Chabitok	Bera Bans Pahar
Salgachi	Galgachhi	Ketekbera	Gambari



जोता खनन पदाधिकारी  
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DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND

Note:- Till then the further clarification from NGT will not come, no fresh LOIs will given in the potential zone in which Grid 1,3,4 and 7 are present as per NGT Report.  
Also villages which are comes under the block Rajmahal hills and Udhwa are not considered as potential zone.

Blockwise Geological Reserve available in Sahibganj					
SL.NO.	BLOCK	AREA (IN HA)	DEPTH	AREA (IN SQM)	VOLUME IN CUM
1	RAJMAHAL	5314.194	30	53141940	1594258200
2	UDHWA	3687.321	40	36873210	1474928400
3	BARHARWA	12370.377	35	123703770	4329631950
4	BORIO	32411.178	32	324111780	10371576960
5	MANDRO	13077	39	130770000	5100030000
6	PATHNA	8026.61	38	80266100	3050111800
7	TALJHARI	6509.757	34	65097570	2213317380
8	BARHAIT	14556.77	31	145567700	4512598700
		95953.207	34.875	959532070	32646453390
		TOTAL	AVERAGE	TOTAL	TOTAL

Ujwal  
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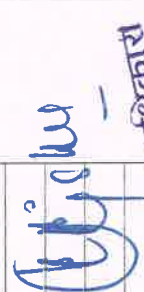
Blockwise Potential Villages for Earthwork



**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OFFICE TITAN SAND MINING OR RIVER BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**

**BARHARWA**

SALAPUR	PUKULADANGAL	HARIHARA	BIRNATHPUR	BIHARIPUR	NISCHINTAPUR	DEBU	BARA ASILA	SHAMJOI
MOHANPUR	BNODPUR	NIJAMPUR	JALALPUR	BELDANGA	GAURANG	ESANTPUR	BARA ASILA	MAHATAPUR
RANIGRAM	POKULJABELAN	ANDHARKOTHA	MOHANPUR	CHANDANPUR	MIRJAPUR	SABDA CHHOTTA GARGRAM	GOALPARA	MAHATAPUR
MAHATAPUR	BARA GARGRAM	DAREAPUR	SALEMA	KALU	JUHHANA	KAMALPUR	GOALPARA	CHAKTIWAKANAIDANGA
OBHTRAMPUR	HARISPUR	BINDUPARA	RUPPUR	MAHABATPUR	HASTIPARA	CHAK TIWAKANAIDANGA	DOMPARA	CHAKTIWAKANAIDANGA
DARITAPUR	CHANDHIPARA	SRIBALLABHUPUR	NURAI	RISOR	NAKSIMAL	DURGAPUR	DOMPARA	
BISHUNPUR	CHANDWAIAPARIA	KISHUNAPUR	RUPAS	BISHUNPUR	AGLOI	DIURPAL MAHABATPUR	CHANDA	
MURIGPUR	SIKUNTI	KISHUNAPUR	MILIK GOPALPUR	GARJANPARA	MAHADEVPUR	MADHUPUR	CHAPLUAN	
MURZAPUR	NIJAMPUR	NIJAMPUR	GOPALPUR	JAGANNATHPUR	CHANDPUR	CHANDDIGHI	GIRAMSHI	
MURZAPUR	SUDKHOI	KISHINAPUR	MILIK GOALKHOI	JAGAR NATHPUR	BASNA	FATEHPUR	GORA	
BATAH	BIHATPOKHARIA	AUTGRAM	BARARI	BIRKENDUA	CHANDALIPARA	PAUNA	JOTBESWAR	
JAMPUR	DHULAMPUR	PATHARIA	MOHANPUR	MAHATAPUR	NISCHINTAPUR	KISTOBATI	THOPGRAM	
MADHOPUR	GOPALPUR	DHATAPARA	MILIK BINDUPARA	NURPUR	MAHESHGHATI	MADHUPUR	OBHTRAMPUR	
CHANDDIGHI	BUNDUPARA	DHATAPARA	BINDUPARA	BARARI	BJATPUR	LADOPARA(CHHT)	BAIKUNTHPUR	
BARHARWA	CHANDIPUR	MAJURKOL	LADOPARA CHHT	BARARI	JUKHTIA	SHAMJOI	OBHTRAMPUR	
STRASING	SHAMPURCHHT	BIJAPUR	LADOPARA	GANESHPUR	JOTMAHESI	SHAMJOI	GAURANG	
ABHATOLA	BINAPARA	BIJAPUR	MILIK GOALKHOI	PIPARA	BHIMPARA	CHAK LODHWA	THOPGRAM	
BIHAURABANDH	KUSMI LAKHIPUR	PALASIANA	BEHATPUR	SIMLA	MOGALPARA	CHAK TIWAKANAIDANGA	BAIKUNTHPUR	
BIHAURABANDH	KUSMI AKHIPUR	KASIPARA	GOALKHOI	MIRJAPUR	MAHARAJPUR	NIJBAND	KOTAL PUKUR	
BELADANGA	SHAMPUR	ATAULLA	CHHOTTA SONAKAR	MIRJAPUR	PTPAMBARPUR	FARIDPUR	NILLOI	
SHAMNAGAR	HAROPARA	KALINAGAR	CHHOTTA SONAKAR	MIRJAPUR	MOGALPARA	CHAULCHHOLA	BELPAHARI	
BEJADANGA	TAMKUNDA	KANKJOL	CHHOTTA SONAKAR	MIRJAPUR	BANDANGA	BAIKUNTHPUR (CHHT)	MEHEDIPUR	
SHAMNAGAR	CHANDPUR	DARJAPUR	DUDHJOL	SIRASING	MADHUAPARA	MILIK MAHABATPURJIGAR	SHAMJOI	
PIPOKJORI	GAURIPUR CHHT	KUSKHETRA	MAHDIPUR	MIRJAPUR KHURD	JAMALPUR	MILIK MAHABATPURJIGAR	SALALPUR	
KORA TOLA	ARAZI RAMPUR	SATRAMPUR	BANSKATA	CHANDDIGHI	SRIKANTPARA	NIJGRAM MAHABATPUR	KASBASIRASIN	
LOHATIA	RANIGRAM	SATRAMPUR	DUDHJOL	SIRASING	NIJAMPUR	GHAT MAHABATPUR	RAMSHTWARPUR	
PHULCHUA	MADHOPARA	BAIKUNTHPUR	CHHOTTA SONAKAR	BADRUDINPUR	DUDHJOL	KANS NEWADA	BIHARIPUR	
FATEHPUR	SHAMPUR CHHT	BAIKUNTHPUR	BARA SONAKAR	SIRASING	JALALPUR	NISCHINTAPUR	BIHAWANANDPUR	
ANGUTHA	SATGACHHI	NARAINPUR	BARA SONAKAR	THOPGRAM	FATEHPUR	JAGARNA	BIHARIPUR	
JAMBAD	NAGRIPARA	BAIKUNTHPUR	SUJIDANGA	SALAPUR	SIRASING	CHAK TIWAKANAIDANGA	CHAKARGATI	
CHHOTTA ASILA	ANUTIKAR	SIRASING	JIBANPUR	MIRJAPUR KHURD	TETIILA	MILIK MAHABATPUR	RAJANPUR	
JAMBAD	MALIN	NARAINPUR	SUJIDANGA	NAYAPARA	RASULPUR	MILIK MAHABATPUR	AURKATIILA	
CHHOTTA ASILA	SIRAMPUR	NARAINPUR	JIBANPUR	LADOPARA	JUKHTIA	MILIK MAHABATPUR	BARAKHOLA	

  
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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OCULAR IDIAN SAND MINING OR RIVER BED MINING IN SADDIKAINI DISTRICT  
OF JHARKHAND**

**BARHAIT**

RAJAPANI	MASKERU	BALDIANIA	HIRANPUR	BARAMASIYA	BICH MAQO	KASARI	MANGU SEVRI	BADEGODA MAQO
MUGDI	MIRKABEDO	SAHARAJDHAB	CHHOTI SIMI	CHHOTI CHURPAHAR	CHIMRI	TOKJARI	TAMLI	BADEGODA BEDO
MATAR	MIRKATOKA	HARODHI	DUMLI	CHAPRIBATTIAN	CHALE	PAGRI	ROHNI	BANDKOLO
KESAPHULI	GUTT	SONAJUKI	SINGA	BERHAIT SANTALI(CT)	TULME	LAKIAPATA	SINDRI	DUDHIANI
KAMCIII	KATANRBITA	DUMDUMIA	BARUPUR	CHHOTI DALDALI	CHILAKO	MARGRO	ADRA	
JARIBEDO	ALAKOCHA	LAHRI	MUNDHI	BARA PATHIARCHAPTI	DANBITA BEDO	RAKSI	PANCTIKATYABAZAR	
GODAPULI	KAPASHERA	KOTERAMO	BARA DALDALI	KAIRAGORA	DALWA	TORPATA	BARA CHURAPAHAR	
GARAPHULI	UDALI BEDO	AMARPUR	BARAMASIA	MAHUATANR	KOCHLO	DAVDOK		
LITPARA	MASBERA	SANJOKI	GADIGANI	KARAMGHATI	MAKLIJH	PUSHRE		
KUSMA	MASBERA	JAMRIPAHAR	GORADHI	CHHOTI PANGTIKULI	GUJRA	BEDO MAKAMO		
BARAGARHI	MORIKATRU	BHADODHI	DHARDHIA	LACHHIMIBATHAN	DABRA	CHHOTACHAPTAPAHAR		
PARERBATHAN	BAJRAT	PAKRIGORA	DARIAPUR	CHHOTAPATHIARCHAPTI	ALAKOCHA	AMBARPUR BEDO		
TELBERIA	MURGO	BANSPAHAR	PATKIASA	KANDURGODA BEDO	JARPAHAR	CHANDRAPURA		
JASADHI	CHALE PAHAR	BARA PANGTIKULI	KITERWA	KANDARGODA MAQO	TELABANI	KAURTA		
KADMA	CHALE	KARGO PAHAR	DUMARIA	BARA DURAPAHAR	TATAKKURIA	DONINATRE		
PAHARPUR	ANI	KALDAI	PAHARPUR	CHHOTI BICHKANI	MARE	KHUTANA		
CHIHAR	JOKACHITRGODA	POROTOLA	SOGOLA	AMBARPUR MAQO	MAKARMAITI	SSREJAMGHUTTU		
BASGO	KARAMTOKJOKA	BALGURA	BUSJORI	DUMRA	KALDIGODA	CHHOTI DALIAPAHAR		
MASKERU	TULJUM	PHUIBHANGA	PANCHKATYA	KITHEJURKIAL	CHHOTAUDALI	BARA DALIAPAHAR		
TESO	BEDO BASKO	HATICGARI	BHAIRODIAP	LOGAI	JOKAMAKAMO	NIRETTA MAGO		
JAMPATA	KATNAR	DORAI SANTALI	HARCHANDPUR	BARAUDALI	DUGU	JATIMARI		
CHUKLI BEDO	DAVGODA	DUDHUDHI	CHUTIA	LACHIMI MAIUTANR	TELO	MADGI MALLAWARA		
KOTPARTE	TEJOBITA	BASTADHIA	ARGANDI	JABROBEDO	DUIARAMPUR	PIPARJURIA		
PAKERI	ORGAMOGA	RAGHUNATHIPUR	JHMULI	JARI	DUGUBATHAN	MAIUTANR		
GORA KEPU	BEDO CHINGORA	KARAKRE	TILAKI	CHHOTI DURAPAHAR	BAGHIMARA	KOCHLO		
CHUKLI MAQO	GODI	PADARI	JAMALPUR	BERHAIT BAZAR(CT)	BARABANDHI	SAGLE		
DUMBARI BEDO	BEDOMORI	BADEGODA MAQO	SIMRA	TEGRA	JOKAJARI	PAKIYA		
DUMBARI MAQO	JANI	GUMO	BASKOPAHAR	TORI	GODAMO	AMTOLA		
GOGA	BARDAKTIUR	BADEGODA	SANMONI	BARA BICHKANIPAHAR	LLAKI	ASANJORI		
NIRBITA BEDO	GARARI	CHUVO	KOIRTIKPAHAR	CHHOTI BICHKANI	RANGA	DHABNA		
KARI	TAR	GAMBARI	SONMANIPAHAR	DHAMNI	SIMALDHAB	ROJIRA		
KISHAN	CHUALALO	KOSKEPU	DHANMUNDI	DHAMNI	KUNDLI	SIRAMPUR		
BELE KAPO	TORI	CHAPARI	TETULIA PAHAR	SARKANDA	DUDHIAPOKHEND	BASKGOKA		
SINDURPUR	JITA							



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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE) FACILITY WORK  
OTHER THAN SAND MINING OR RIVER BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**



*Wishu*  
राजशाही  
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<b>BORIO</b>											
KEROGODA	GORDA	GOBRIBERA	PORTE MAGO	RANGMATA	BASKOBAR TOLA	KEROBERA	SARSA	DAVANI	DALABARI		
MARGECHUNDI	LOHANDA	BATHANI	SARIBERA	BISHUNPUR	LOHANDA MAGO	KUDMAN	AURBATA	PARADONI	DALBARI		
SANJOKI	BHUKKUNDA	BARA BEVASTI	MIRA	POKHARIYA	CHIHOYA BANGUON	MOTDIHI	PARTE BEDO	PAHAR	KUNDO		
DEPARI	MANGRA	CHIHOYA BALASTI	NTRAPARA	GHANGPUR	TELABANI KHAPLO	GAMBARI	GARE MAGO	MOCHIKUTI	MUNDLI		
SAHARPUR	AMJANI	BARAMASIA	BARA PAGARO	KITAJHOR	MATTPAIARI BAKA	KUNMAN	BARAMASIA	TOK BELRA	KEROJORI		
KUSTANR	AMJANI PAHAR	TELO	ADORE BEDO	MURGABANI	LOHONDA BEDO	SAJANI	KARUMBA	BELRA KARGO	JIATHIKIUTA		
ANDASURE	KADWA	JURUL	BARA TETARIYA	DUMKI	CHIHOYA MADANSAAHI	DULE	KURUMBABEDO	PAULPAHAR	GHUTIBERA		
NAWGACHI	DIGHI	KALKHA	ADRE MAGO	GODDA	SATCHAUKI PANRO	TETULLYA	BUNDABEDO	PODIAHA	SMRA		
PERGODA	BEDO GODRA	DHANFELA	GOWAIBITTA	KERAVA	BARA PANCHGARH PAHAR	KHUTAPAHAR	SIDHGODA	POKHARIYA	CHHO		
KANUGODA	POAL	PATHARA	CHIHOYA PAGARO	GHOGI MAGO	LALATOK BARAPOKALA	MAKBARGH	POKRIA	NAUGACHI	ADRO		
SAKABINDHA	CHIHOYA KENDAU	DAHARLANGI	ASANBANI	MATA MAGO	BADA MADANSAAHI	MAHWARI	DANOWARA	KARKUTI	CHIHOYA BHIRANDA		
KAMGORA	MANGRUTIKOR	LILATANR	TETARIYA	BUNDA	CHIHOYA TETARIYA	GOBRI	DANWARE	GAUDE	NAUGACHIPAHAR		
RAMPUR	DUKCATOLA	KAIHAGODA	BARA TAUPUR	PAKARIYA	CHIHOYA LOHANDA	DEHAR	DEMCHIAKE	ROLDHI	ASANJORA BEDO		
KARMATANR	TALJHARI	CHAPALGODO	KHAIRASOL	MATA BEDO	SATCHAUKI KHOTIARI	CHAPI	PANDRIYA	GHOGI	SAHIBGANJ		
DHOBANA	BARA BANGOAN	KARAMBITA	GOPAL CHAURI	CHUITYA	RANGAMATYA	PACHARE	CHAPGAWN	GHOGI BEDO	JOBARDHI		
DANDAGORA	BAGMUNDI	BARA BANSO	PARADAR	DOBNI	JETKEKUMARJORI	KOKRO	RANCHIURA	RANIDHI	RUPATOK		
BHURAPAHAR	TARAPUR	KAUDA	BARA LOHANDA	MANGTANR	BINDERI (BANDERKOLA)	DAEARKODA	PATLOHARA	GARRA	KARAMBE		
LAGRAM	DIGRA	SAHARJORI	BUNDA	BAGDUMA	CHIHOYA BANDAR KOLA	GARGARI	TILATANR	GARA	ASANJORA MAGO		
POROTOLA	PANGDO	BANSPAHAR	KANRI	RANIBATHIAN	BARA DAULEPAHAR	GUTI	SITALPUR	MAHHAUNA	MADHU TOLA		
ICHATANR	BASNIA	KARDONA	BUNDA	BIRBALKANDAR	CHIHOYA DAULEPAHAR	JITPUR	CHITRTOKE	APROL	SURJUA TOLA		
GARGARI	DIGRA RAKSO	SIMALJORI	GHOGI	BURUDHI	GHAGRA	KUNDO	PERTOKE	MATA	DALABARPAHAR		
AMARPUR	BARA RAKSO	CHALDIHOA	PANCHGARI	DIJULJANI	BARA KURUA	CHENGA	PIPA	BASNIA	PATHARGHATA		
KUDRO	TURUA	KASI	LADONRI	BISHUNPUR	CHANDOLAPAHAR	BANJHI BAZAR	DAUGODA	DUMARIA	CHHARPARI		
JANI BEDO	SABAIYA	MAJHUWA	DORME	BANDOR	RAMPUR BANSJORI	BANDJHI	GHAKOLE	KARAMBI	JADUTOLA GHAGHRA		
BHAI-SUMIYA	JAMKUNDAR	RAJAN	BANSKOILA	DULE BEDO	BORRIO(SANTALI)	MARWA	BARA KUSMI	PANDENI	BARUGHUTU		
PARAJA	BEDO DODE	SHAMPUR	TANDONRA	BOBETAK	CHANDBASI	KORDIHA	GORGAMA	CHETNI	JANI MAGO		
DANDIBEDO	BATHANI	BALIDHI	HATWARI	BAGDUMA	CHAPERI	PAHARPUR	LAKRAKOL	KERWA TOLA	KUMHARIYA		
DANDI MAGO	SOLAPUR	BICHUPURA	PATAURA	DAUGADA	BAKERIA	DDEPART	MAHSOL	ULUGHUTTU	KARAMGODA		
MAHUTANR	JUNATOLA	CHAPA	SIDHARI	DUMKI	PARAMMAGO	TETULLYA	MARICHAK	KHAIARBANI	CHAKRADAWAGODA		
BANDOR	DALDALI	BARIDHI	NARGANJ	PANDENI BEDO	BORRIO(SANTALI)	BINDERI	KUSUMPOKHAR	GUTT MAGO	CHIHOYA KUSMA		
LILATANR	KARIKADAR	GAURIPUR	BADETRI	RANCA	BARA CHANDEBASIPAHAR	KHAIRASOL	PADJA BEDO	TOK BASKO	AMKONDE (PELIATANR)		
CHASGANWAN	BARAMASIA	KHAIRWA	MIR	MURGABANI	CHIHOYA DHOJANA	SIMALJORI	GARE BEDO	KARAKDONI	PADJA MAGO		
CHATRI	KHAJURIA	CHURI	NAWADHI	BARACHATNIA	DHAPNI PAHARPUR	SHILI	MURALJ				
KUNMAN	KENDUA	HARINCHORA	DHOGORA	BARA GHAGRA	MAKNI BARAMASIA	BAHERA	PARTU TOLA				



**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/CUMULI WORK  
OTHER THAN SAND MINING OR RIVER BED MINING IN SATEMANGI DISTRICT  
OF JHARKHAND**

<b>MANDRO</b>									
GARAPANI	LALMATIA	GILAMARI	BALUTOLA	BASKOLA	KHAIRABANI	HAITHMARI			
SAHARA	AMJHOR	MASANIA	GOBINDPUR	BASGO	MATHADIII	BASKOBANSIIHARNA			
JHURIKBHITA	DESPOKERI	DODA	BARA DEODANR	JANI	SIMRA	CHHATRAYETANA			
CHEOKOLA	POKHARIA	MANDRA	DEODANR CHHOTTA	KARAM TOLA	GORMPAHAR	GORAPARIHARPUR			
TETRIA	BURKUNDA	JRIKBITA	HATHDDARI	MAESA TOLA	JHIKITA	PHULOLACHHIMI			
PAGRO	MARI KOJI	KOMODARI	BARA GHOTTERA	GHAGRA	ROIHRE	MOTILACHHIMI			
AMJHOR	SIWRIA	DUDAMA	JTIBABHAR	KARGO	BHUTAHA	SUGNIPAHARPUR			
AMRA	DEMBA	GANGTI	CHHOTTA BETAUNA	UTTAR	DEODANR	BUMRA MAOO			
ADRO	LILATARI	KAURIKUSUM	KOREPARAPAHAR	DAMINBHITA	BHURKUNDA	NAGARHITA MAGO			
SORMARI	TALEDDI	BAND KACTHO	BARA LACHHIMI	AMSARI	JAGORI	BARTALA			
KUKDAR	SAHARPUR	BARAMASHA	GOSAICHAK	CHINTARI	SIMBERTIKOL	BICHIKANRE			
PARSA	PANCHRUKHI	MORI	CHHOTTA LAGHMI	KODEPARA	AURJANRI	BARA MECHTIKOL			
PEGODO MAOO	SERGARI	KERIGODA	AMRAPOTHARGHATA	MUNDIL	CHHALGOPA	BARA KENDUA			
KATENGI	CHALDIH	DUBIGODA	PERGODO BERO	CHUA	KALAJHOK	BASGO BODO			
ILJRI	BASHA	GILAMARI	JOGLAKHAPAR	BARTALA	MALGODA	MAHESHIPUR			
MAGALMENDO	DOMAHANI	AMRA	KHELATOLA	BARTARI	JEFTI CUATRA	UAMDANR			
KATENGI	BETONRA	GULLGODA	BABUPURPARSA	SUNDERE	CHUKO	AMRABEKA			
KURMA	PACHARKI	KANRI	STRAM CHAUKI BAZAR	LALMATIA	CHATRA	PARAYA			
KASARI	CHOTROGGA	RAKESI	KOTGANDI	BALBADRI	JOKANI	KHAIRABANI JTAHARI			
ASANBANA	GUTTERA	KANRIMAGO	BARA SOL BANDHIA	KANIPAHAR	KAIRASOL	CHHOTTA SOLBANDHIA			
KENDUA	JHAGRUCHAUDKI	BUNDARAM	MANDRO-DAMIN BAZAR	AMEJORA	TETRIA				
TARA	SIRAM CHIAUKI	BANSJORI	BARAMASHA	GILAMARI	MEDO				
SOONJHOR	AMBADHIA	BANGALITA	KURUAKHUTAHARI	KASARBITA	BIARTHIKOL				
TAMLIGODA	SONDA	CHIHUTTA	BARABTAUVNA	PAKRIA	KORIA				
BACHA	PALMA	ROSOI	BANCHIAPA	DAMIRA	BIAGHA				
DHOENA	GUTI	MCHUAKOL	GAUBATHAN	GARI	DAYALPUR				
KHAIRA	PINDARE	BANSKODI	CHHOTTA MEGHUKOL	LAHURBERA	BOMRIA				
UJDAHA	GUTTERA	TELARIA	CHINTAMAN KHUTAHARI	NJMGACHHII	AMDONDI				
SIRSA	HARAJA	BOCHAIJI	KAMAIDAJA	MILKMAJIALUNA	CHUTI				
BARBHARI	GORKANA	RANGHUKITA	GARRA	MIRZA CHAUDKI BAZAR	KUL BANGA				
KHERWA	DAMDAMA	PAHARPUR	KOHABARA	MAHADEVBARAN	POLMA				
RANIDHII	KADEM	BINDABAN	KAURIKHUTAHARI	JHRIKARIARIYA	JARA				
BHUMCHAK	PUSURGODA	DHIAUKUTI	BISHUNPUR	MIRZACHAUKI	MOTLHIL				
BHIMCHAK	BHOMDAI	CHUNAKHALI	PINDRA	BANSKOLA					



**खनन  
सहिष्णुता**

**पदाधिकारी**



**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OUTLET THAN SAND MINING OR RIVER BED MINING IN SATEBGANJ DISTRICT  
OF JHARKHAND**



**U S K**  
**शुभाना खनन प्रबंधिका**  
**संविधान**

<b>PATHNA</b>					
	SINGATANK	KUMJIARIA	KARAMBE	ATGAWAN	
GOHALBARI	SARABINDHA	BARA DIGHI	CHITPAHAR	KUNARPUR	
TEGRA	TALJIHARI	SARABINDHA	BARA TEGRAPAHAR	BANSKOLA	
GUTTHARNA	RAJAPANI	CHHOTA DIGHI	HAATHI KHUTA	BARA	
KUSUMJIAMA	LAKHPUR	SAROA PUR	CHANDOLAPAHAR	MAHIKUP	
SIMALDIHAB	KALIANPUR	SURUNGA	CHHOTA MAHGAMA	BARAMASIA	
DURGAPUR	KARODI	KATHALBARI	GANGOPARA BEDO	AMBARE	
CHHOTA	URSAPALAR	SIMALGORA	BISHUNPUR	SANGATOLA	
BATHANI	BARATOLA	BARAMASIA	KANARABASA	BADE	
KESCHUPRI	BARAMAHGAMA	KUSAMPOKHAR	CHAMPAPALAR	SANSARI	
KIAROBASA	GHAHTARI	AMJIHOR	AMARPUR	TELBHITA	
LAKUANPUR	BARA RANGA	TALJIHARI	CHOTA TEGRAPAHAR	GARKI	
JIIKRA	CHHOTA RANGA	MAHUATUK	GANGOPARA MAGO	CHAMBRAPAHAR	
DUMARIA	KORDR	KERPAN	DALAIH AMARPUR	SARKARI KOCHPARA	
BIRAJPUR	KUCHPARA	KUNDI	GUNGRA MANGO	SANGABINDHA	
KARANTOLA	CHUTTA	CHAPANDE	RANGA		
KUSUMGHATI	DAHJOR	TELO	BANSBHITA		
SONDAPAHAR	BARONA	BASKO	RAKSHIABANDHI		
PATRAPARA	MODIKOLA	SIMBERI	MADHOPARA		
TALBARIA	KESRO	GUNJRA BEDO	RAJABHITA		
KAKSI	TALBERIA	GUNJARA BEDO	LAKRAPAHARI		
AMARBHITA	BORANAPAHARI	KANDERGODA	BIRGAON		
GUAMAPAHAR	BEJAIPUR	GUAKAOLA	CHHOTAMAJHIDIHA		
KUSUMPOKHAR	PATHNA LAND	CHALI	PANDANBHITA		
ARJUNPUR	MAJURJIUTI	IDPE	TEJULBHITA		
SAHRI	DIARAMPUR	TANGANI	GHARGHARIA		
KAUABDIHAR	MANDALO	KASARI	DIHARAMPUR MISSION		
IKAPOKHAR	RANGA	CHAPANDE	AMANDADA		
SOLAPOKHAR	MANGALADIII	BUNDA MAGO	KOHO PANI		
SUGNIBASA	BIDMARPAHAR	MANSBERA	DIHARA KOLPAHAR		
SIBAPAHAR	SHAPAHARI	CHALI	CHAGO		
AMGACHIII	JHIKTA	MAJHLADIII	IDRI		
BISHUNPUR	KHAIRBANI	JHUMARBAD	AMDANDA		
KENDUA	BANJHIKEND	SHAMPUR	BANSPAHAR		
TELBUTA					



**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE) LEACH WORK  
OF RIVER BED MINING IN SAIBHAGI DISTRICT  
OF JHARKHAND**

**TALJHARI**

MANTHARPUR	PTIULJIHARI	GARIA	MASKA LAIYA	BATBANGA	KAMUGODA (BARA BATHIANI)	KERWA(GIDAR)	HKRU
TETARTAPAHAR	KIARASOL	SAJANI BEDO	GADAITUNGI	BOGA	PATIARIABOLA POKHER	CHANDIKODO	PATIARCHAPT
BAUTJANI PAHAR	ATKRED MAGO	TELUTOK	BELPATIAN	MURLI (MUNDI)-MAGO	BACHUA(KERIBACHIO)	KETPKBERA	BINDYN
BATHANI	DARWAS MAGO	SAJANI MAQO	MCHIDIPUR	GILA	MURLI (MUNDI)-MAGO	CHABTOK	UDAYPUR
HALDIGARI	SALIARPUR	PARA MAQO	MCHIDIPOKHER	BOTRI	CHHOTTA TALBANA	DAWANA	POKHARIA
PARTUPAHAR	BARA	KARSONRI	DHANBAD	GORDHOA	CHANDE KEPU (CHAL)	EDRI	MASBERA
HALDI PAHAR	KACHORI BEDO	GARIA	KALIYANI	NIPANIA	MALIADEVPUR	BALKO	KASALPAHAR
LEHA	KALJIAHAR	BANAPARA	RANJI	PARERKOLA	DOBTOKRI SONDA	TELCIYOKO	DULAMPUR
CHENGCHITA	PTIARGANJ	RODO BEDO	SAURA	BANSBHATYA	BARA DURGAPUR	MALIHITA	GARRI
SALGACTHI	BAMANGAWAN	RODO MAQO	TUHI	TETARIA	KANCHANPUR	KARKARAM	BANJHI
BASKO	PALASBANA	PAHARPUR	MANDE	BEKCHURI	GHATSEKHACHAK	MARGARO (KAR)	KALDI BHA
BASKO	MALCHI	PAKIA BEDA	DARKALA	BHATBHAGA	ICHAPARA (ICHANASI)	CHUA BEDO	RODO
LEHA MAQO	CHALPAHAR	JIRIK(KAJI)	MOTI JHAMMA	MADANDSAHI	CHHOTTA BHAGHAMARIAND PARTAB	PURLIYA	PUSRE
GODONGA	MARUAKOL	ICHAPARA	BARAMASIA	BISHUNPUR	CHHOTTA KHATTAPANI	JIARDI	BALKO
SIMBERI	BARHARA	JIARAKOL	DIARI	BHADRABANDHI	BARA KHATTAPANI	DANGA	PAKRITA
BAGA(PAKARIA)	BARA	MAKWARA	CHONGRO	CHAUKIPAHAR	CHENGCHITA (NAGARHITA)	JOYA	KADAMPUR
SHAMPUR	TALBANA	BAKUDDI	GODWA	BARTOLA	CHHOTTA GODALDIHAR	BEHRA	BALNATHPUR
MAHUBANA	SHAPAHAR	MANSBERA	BANSKOLA	MURKIPAHAR	BINDIN PAHAR	CHAMDI MAGO	GARHDUARA
BENGARIA	PAHAR	MALITUK	AMBADIH	DIABNA	BARAGODALDIHAR	CHAMDI BEDO	KUNDA KOTRO
PAHARI	BHITI	PATIARGAMA	KOROKURIYA	HARINKOL	CHHOTTA BANAPARA	SASKA	PANSAGA
BIAGAPAHAR	JAMALPUR	TALME (PANER)	MATTUCK	PATNBANA	TALJHARI MISSION	KADAMPUR	JHUNGANI
PARTE	KOCHORI MAGO	KONGABERA	BARA PARTE	KIARIBANI	DANGATUK SANTALI	BARDANDA	PIATEHPUR
PARASPANI	GAMBARIYA	AMBADIHA	BOJIA	TALJHARI	DHAMDHAMIA PAHAR	JHUNGANI	DARWASE BEDO
SAGARBHANGA	AMBORI	HISIGANJ	JIARAKOL	SIMALJORI	CHHOTTA DURGAPUR	PAGAR	PAKTARPAHAR
KESAKIAPAR	GOGA	RAMPUR	FIATIGARIH	KENBARIYA	SUPANJANI PAHAR	KEPMAQO	CHURIYA DAJHUL
BARMASIA	BADEME	GUTBARA	JAMNI	MAJURKOLA	BARA BANAPARA	MISCHUNTA	CHAK MOTI JHAMARI
AJODIYA	CHIAKTHI	GUTI	BIRPAHAR	DUDHIKOL	MATTIANPAHAR	KENDUA	SALGACHI (SARRK)
BARTOLA	KASARI	GUTI	PARERKOLA	KANCHANPUR	DANGATUKPAHAR	SHAKDIAB	BIAGEMARI
GOALAPAHAR	JAMBU	CHAMDI	SADAPUR	BATHUA KOI.	CHAUDHARIA BISHUNPUR PARTAB	GANGTIA	JHUKRA HARINKOL
MAHUTANK	KAKBITA	KATKEWA	DHAMDHAMIA	BAGJORI	ATAR BETTOL (DAUGATI)	KEP MAQO	BA-GCHIA BEDO
DHANGORA	GHOGHI	BRINDABAN	MANSKEPU	NAUGHATA	RADIIA KISHUNPUR	GARUDHAB	BA-GCHIA MAQO
CHAUGARIA	KARANPUR	RUESI	JOKANIMAQO	KELABANA	MANSBERA (BERA BANS PAHAR)	TEGRA	CHAKAPARA
DAVGODA	KUCHIA	BEHRA	JOKANIBEDO	LAKHIPUR	CHHOTTA BANSJURI	MANSAKEPO	BARA HARINKOL
ROHRA	AURIYA	JASKUTI	TALTAK	ROHRO	CHHOTTA BANSJURI	CHHUA MAQO	PIRPAM
GAMBARI	KOCHLO	AMGHATA	TALTAK	ROHRO	CHHOTTA BANSJURI	CHHUA MAQO	PIRPAM



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## 15. QUALITY/GRADE OF MINERAL AVAILABLE IN THE DISTRICT

Rocks and Minerals found in Sahibganj District: -

### > GRANITE GNEISS / MIGMATITE

Granite gneiss is a rock consisting of an orthogneiss or paragneiss having the composition of a granite. Gneiss is an old German word meaning bright or sparkling. It is a high grade metamorphic rock, meaning that it has been subjected to higher temperatures and pressures than schist. It is formed by the metamorphosis of granite, or sedimentary rock. Gneiss displays distinct foliation, representing alternating layers composed of different minerals. However, unlike slate and schist, gneiss does not preferentially break along planes of foliation because less than 50% of the minerals formed during the metamorphism are aligned in thin layers. Because of the coarseness of the foliation, the layers are often sub-parallel, i.e. they do not have a constant thickness, and discontinuous. Mineralogy The granite gneiss includes several varieties: banded gneiss, schistose granite, porphyroblastic gneissose granite and granodiorite. Grain size -medium to coarse grained; can see crystals with the naked eye. Hardness -hard. The granite gneiss is full of mafic enclaves at places. The gneiss is composed of quartz, microcline, plagioclase (An<sub>20</sub>-An<sub>44</sub>), biotite, hornblende and other accessory minerals, but lacks in muscovite. Felsic minerals such as feldspar ( orthoclase, plagioclase) and quartz generally form the light coloured bands; mafic minerals such as biotite, pyroxene ( augite) and amphibole ( hornblende) generally form the dark coloured bands.

Texture - foliated, foliation on a scale of cm or more.

Colour - variable - generally alternating lighter and darker sub-parallel discontinuous bands garnet porphyroblasts common.

Occurrence- The granite gneiss complex is a composite mass consisting mainly of granite gneiss, migmatites and massive granite with enclaves of para and orthometamorphics, dykes of dolerite and innumerable veins of pegmatite; aplite and quartz. Because of repeated folding, highgrade regional metamorphism and profuse granitic activities, the elucidation of the stratigraphic succession in the area poses a great problem.

MIGMATITE - The magmatic rocks are exposed in several parts, both as an 'in situ' migmatites and as an injection migmatites. There are innumerable enclaves of mica-schist and hornblende schist of varying size in the granitic rocks. Biotite rich schlierens show considerable amount of contortion and flowage. Thin leucocratic, granites are commonly seen to form 'lit-per-lit' veins in the enclaves. Sometimes, the leucocratic granites and the metamorphic country rocks are intermingled in layer in fine scale so that the resulting rock is a banded gneiss or a banded augen gneiss. The minerals in the schlierens or melanosomes are recrystallised and show schistose structure with marked variation in the proportion of mafics. The leucosomes generally show crude hypidiomorphic texture with subhedral laths of microcline, and plagioclase (albite orthoclase), anhedral grains of quartz and some thin flakes of biotite with minor amounts of apatite, sphene, epidote and opaque ores. Perthites (microcline - micro perthite) and myrmekites are quite common. Potash feldspar rimmed with albite and occurring within potash feldspars is also noted. Some potash feldspar plates show sieve structure with quartz inclusions. Muscovite is generally absent but whenever present, is seen gradually being replaced by orthoclase from the borders and along the cleavage planes.



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➤ Rajmahal Trap- Basalt (Rajmahal Formation)

By definition, basalt is dark coloured aphanitic (fine-grained) igneous rock with generally 45-53% silica (SiO<sub>2</sub>) and less than 10% feldspathoid by volume, and where at least 65% of the rock is feldspar in the form of plagioclase. This is as per definition of the International Union of Geological Sciences (IUGS) classification scheme. It most commonly forms as an extrusive rock, such as a lava flow, but can also form in small intrusive bodies, such as an igneous dyke or a thin sill.

Mineralogy - Essential minerals are augite, calcic plagioclase and iron oxide. Usually Olivine is also present. Labradorite feldspar is the chief constituent of the groundmass where as more calcic plagioclase (bytownite or anorthite) may occur as phenocrysts.

Geological formation- The Rajmahal Formation exposed in the Rajmahal area is represented by 450 to 550m thick predominantly basaltic lava flows (4-15 individual flows) intercalated with fresh-water sedimentary beds. This formation is well developed in the Rajmahal hills of Jharkhand, Bihar and West Bengal. It is made up of extensive lavafloes of Basic composition, called the Rajmahal Traps. The hills extend in N-S direction for about 125 km from near the River Ganga at Sahibganj to 24°N latitude. The basalts are intercalated with clay stone, siltstone, some of which are silicified and porcellanoid. The cumulative thickness of these intertrappean beds is about merely 40 m. The Rajmahal formation can be divided into four units: lower lava flows with intercalated unfossiliferous sedimentary beds from the lowermost unit. The second unit comprises five to six lava flows with four to five sedimentary beds composed of tuff, claystone, siltstone, etc. The fourth unit comprises series of basalt flows with or without sedimentary beds. The radiometric dating of the Rajmahal traps has shown that they are of Albian age.

Geographical Location of Rajmahal Trap -Basalt in Sahibganj District- In Sahibganj district Rajmahal Trap- Basalt are found in Mandro, Borio, Barhait, Pathna, Taljhari Blocks.

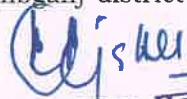
➤ Sandstone & Shale:-

Sandstone is a clastic sedimentary rock composed mainly of sand-sized (0.0625 to 2 mm) mineral particles or rock fragments. It is clastic in origin (as opposed to either organic, like chalk and coal, or chemical, like gypsum and jasper). They are formed from cemented grains that may either be fragments of a pre-existing rock or be mono mineralic crystals. The cements binding these grains together are typically calcite, clays, and silica. Grain sizes in sands are defined (in geology) within the range of 0.0625 mm to 2 mm (0.002–0.079 inches). Clays and sediments with smaller grain sizes not visible with the naked eye, including siltstones and shales, are typically called argillaceous sediments; rocks with larger grain sizes, including breccias and conglomerates, are termed rudaceous sediments.

Mineralogy:- The chemical compounds like silicon dioxide or silica, calcium carbonate, and iron dioxide act as natural cementing agents to hold together the sand in the form of a rock that we know by the name of sandstone. Chemically, sandstone is an absolutely impervious and monomineralic rock that is primarily composed of quartz.

Shale is a fine-grained, clastic sedimentary rock composed of mud that is a mix of flakes of clay minerals and tiny fragments (silt-sized particles) of other minerals, especially quartz and calcite. Shale is characterized by breaks along thin laminae or parallel layering or bedding less than one centimeter in thickness, called fissility. It is the most common sedimentary rock.

Occurrence- Quartz is a defining constituent of granite and other felsic igneous rocks. It is very common in sedimentary rocks such as sandstone and shale. It is a common constituent of schist, gneiss, quartzite and other metamorphic rocks. While the majority of quartz crystallizes from molten magma, much quartz also chemically precipitates from hot hydrothermal veins as gangue, sometimes with ore minerals like gold, silver and copper. Large crystals of quartz are found in magmatic pegmatites. Well-formed crystals may

  
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reach several meters in length and weigh hundreds of kilograms:

Occurrence- Bentonite usually forms from weathering of volcanic ash, most often in the presence of water. However, the term bentonite, as well as a similar clay called tonstein, has been used to describe clay beds of uncertain origin. For industrial purposes, two main classes of bentonite exist: sodium and calcium bentonite. In stratigraphy and tephrochronology, completely devitrified (weathered volcanic glass) ash-fall beds are commonly referred to as K-bentonites when the dominant clay species is illite. In addition to montmorillonite and illite another common clay species that is sometimes dominant is kaolinite. Kaolinite-dominated clays are commonly referred to as tonsteins and are typically associated with coal.

Geographical Location of Bentonite in Sahibganj District:- It is found in Taljhari Block in Ranga, Pokharia and Manoharpur village.

#### > Flint

Flint is a hard, sedimentary cryptocrystalline form of the mineral quartz, categorized as a variety of chert. It occurs chiefly as nodules and masses in sedimentary rocks, such as chalks and limestones. Inside the nodule, flint is usually dark grey, black, green, white or brown in colour, and often has a glassy or waxy appearance. A thin layer on the outside of the nodules is usually different in colour, typically white and rough in texture. From a petrological point of view, "flint" refers specifically to the form of chert which occurs in chalk or marly limestone. Similarly, "common chert" (sometimes referred to simply as "chert") occurs in limestone. The uniform fine grain, brittleness, and conchoidal fracture made it relatively easy to shape arrowheads by flaking off chips, and the edges produced were quite sharp.

Occurrence- The exact mode of formation of flint is not yet clear, but it is thought that it occurs as a result of chemical changes in compressed sedimentary rock formations, during the process of diagenesis. Chert and flint provided the main source of tools and weapons for Stone Age man.

Geographical Location of Flint in Sahibganj District:- It is found in Khorbanni, Bisunpur village in Rajmahahal Block, Dudhkol village in Taljhari Block.

#### > China clay

Rocks that are rich in kaolinite are known as kaolin or china clay. Kaolinite is a clay mineral, part of the group of industrial minerals, with the chemical composition  $Al_2Si_2O_5(OH)_4$ . It is a layered silicate mineral, with one tetrahedral sheet of silica ( $SiO_4$ ) linked through oxygen atoms to one octahedral sheet of alumina ( $AlO_6$ ) octahedral.

Owing to their following features, these clays are widely demanded and appreciated :

- Good plasticity
- Ability to withstand high temperature
- Accurate composition
- Longer shelf life

Occurrence- China clay occurs in abundance in soils that have formed from the chemical weathering of rocks in hot, moist climates—for example in tropical rainforest areas. Comparing soils along a gradient towards progressively cooler or drier climates, the proportion of kaolinite decreases, while the proportion of other clay minerals such as illite (in cooler climates) or smectite (in drier climates) increases. Such climatically-related differences in clay mineral content are often used to infer changes in climates in the geological past, where ancient soils have been buried and preserved.

Composition- In its natural state China clay is a white, soft powder consisting principally of the mineral kaolinite, which, under the electron microscope, is seen to consist of rough hexagonal, platy crystals

  
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ranging in size from about 0.1 micrometre to 10 micrometres or even larger. These crystals may take vermicular and book like forms, and occasionally macroscopic forms approaching millimetre size are found. Kaolin as found in nature usually contains varying amounts of other minerals such as muscovite, quartz, feldspar, and anatase. In addition, crude kaolin is frequently stained yellow by iron hydroxide pigments. It is often necessary to bleach the clay chemically to remove the iron pigment and to wash it with water to remove the other minerals in order to prepare kaolin for commercial use.

Geographical Location of China clay in Sahibganj District:- It is found in Rajmahal block.

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## 16. USE OF MINERAL

### > GRANITE GNEISS / MIGMATITE

Uses of granitic rocks-

- **Building Stone:-** Granitic rocks have been extensively used as a dimension stone and as flooring tiles in public and commercial buildings and monuments.
- **Sub base and base material in road and highway construction:-** Crushed stone is the most basic use of granite. Crushed granite is used as a sub base and base material in road and highway construction. It is used as crushed stone media in sewage system drain fields and as a base material for foundations and construction slabs. Crushed granite in attractive colors is used as a landscape stone and in planters. It also makes great railroad ballast, and in larger sizes it makes good riprap.
- **Engineering:-** Engineers have traditionally used polished granite surface plates to establish a plane of reference, since they are relatively impervious and inflexible. Sandblasted concrete with a heavy aggregate content has an appearance similar to rough granite, and is often used as a substitute when use of real granite is impractical. Granite block is usually processed into slabs, which can be cut and shaped by a cutting center. Granite tables are used extensively as bases for optical instruments because of granite's rigidity, high dimensional stability, and excellent vibration characteristics.
- **Granite Paving Stone:-** Granite paving stones or "pavers" can make a colorful and interesting way of paving a driveway or patio. The beauty of natural stone combined with expert craftsmanship and design can produce a unique and lasting result. In the past granite blocks were often used to pave city streets.

### > Rajmahal Trap- Basalt (Rajmahal Formation)

Uses of Basalt-

- Basalt is used for a wide variety of purposes. It is most commonly crushed for use as an aggregate in construction projects. Crushed basalt is used for road base, concrete aggregate, asphalt pavement aggregate, railroad ballast, filter stone in drain fields, and many other purposes.
- Basalt is also cut into dimension stone. Thin slabs of basalt are cut and sometimes polished for use as floor tiles, building veneer, monuments, and other stone objects.

### > Sandstone

Uses:-

- It has also been used for artistic purposes to create ornamental fountains and statues.
- Some sandstones are resistant to weathering, yet are easy to work. This makes sandstone a common building and paving material including in asphalt concrete.

### > Shale

Uses-

- Shale is relatively fragile, as far as rock fragility goes, so it is rarely used for building materials or industrial uses in its raw form. When properly processed, it can be used as an additive in cement and art clay products.
- Shale uses in construction industry include Cement manufacture, Construction aggregate, For road aggregate, Making natural cement, Raw material for the manufacture of mortar.

### > Quartz.

Uses- Quartz is an important mineral with numerous uses.



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- Glass Making- Geological processes have occasionally deposited sand that are composed of almost 100% quartz grains. These deposits have been identified and produced as sources of high purity silica sand. These sands are used in the glassmaking industry. Quartz sand is used in the production of container glass, flat plate glass, specialty glass and fibreglass
- Abrasive- The high hardness of quartz, seven on the Mohs Scale, makes it harder than most other natural substances. As such it is an excellent abrasive material. Quartz sands and finely ground silica sand are used for sand blasting, scouring cleansers, grinding media, and grit for sanding and sawing.
- Foundry Sand- Quartz is very resistant to both chemicals and heat. It is therefore often used as a foundry sand. With a melting temperature higher than most metals it can be used for the molds and cores of common foundry work. Refractory brick are often made of quartz sand because of its high heat resistance. Quartz sand is also used as a flux in the smelting of metals.
- Petroleum Industry- Quartz sand has a high resistance to being crushed. In the petroleum industry sand slurries are forced down oil and gas wells under very high pressures in a process known as hydraulic fracturing. This high pressure fractures the reservoir rocks and the sandy slurry injects into the fractures. The durable sand grains hold the fractures open after the pressure is released. These open fractures facilitate the flow of natural gas into the well bore.
- Many Other Quartz Sand Uses- Quartz sand is used as a filler in the manufacture of rubber, paint and putty. Screened and washed, carefully sized quartz grains are used as filter media and roofing granules. Quartz sands are used for traction in the railroad and mining industries. These sands are also used in recreation on golf courses, volleyball courts, baseball fields, children's sand boxes and beaches.

#### > Flint

##### Uses-

- Tools or cutting edges

Flint was used in the manufacture of tools during the Stone Age as it splits into thin, sharp splinters called flakes or blades (depending on the shape) when struck by another hard object (such as a hammerstone made of another material). This process is referred to as knapping.

- Flintlocks

A piece of flint held in the jaws of a spring-loaded hammer, when released by a trigger, strikes a hinged piece of steel ("frizzen") at an angle, creating a shower of sparks and exposing a charge of priming powder. The sparks ignite the priming powder and that flame, in turn, ignites the main charge.

- As a building material

Flint, knapped or unknapped, has been used from antiquity up to the present day as a material for building stone walls, using lime mortar, and often combined with other available stone or brick rubble.

- Ceramics

Flint pebbles are used as the media in ball mills to grind glazes and other raw materials for the ceramics industry. The pebbles are hand-selected based on colour; those having a tint of red, indicating high iron content, are discarded. The remaining blue-grey stones have a low content of chromophoric oxides and so are less deleterious to the colour of the ceramic composition after firing.

- Jewellery

Flint bracelets were known in Ancient Egypt, and several examples have been found. Striped flint is today in use as a gemstone as well.

- Fragmentation

While flint may be used in fire-lighting, it should not be exposed to excessive heat, as from a fire. Due to



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uneven expansion, flint may fracture, sometimes violently, during heating. This tendency to fracture is enhanced by the fact that most samples of flint contain impurities that may expand to a greater or lesser degree than the surrounding stone. This makes the material more homogeneous and thus more "knappable" and produces tools with a cleaner, sharper cutting edge.

> China clay

Uses-

• Kaolin, also called china clay, soft white clay that is an essential ingredient in the manufacture of china and porcelain and is widely used in the making of paper, rubber, paint, and many other products.


• When kaolin is mixed with water in the range of 20 to 35 percent, it becomes plastic (i.e., it can be molded under pressure), and the shape is retained after the pressure is removed. With larger percentages of water, the kaolin forms a slurry, or watery suspension.

> Bentonite

Uses-

• Bentonite is a type of absorbent clay that is usually refined from volcanic ash. Its high absorbency makes it a useful substance in industrial applications, in products like kitty litter and even in natural medicine.

• Bentonite also used as "Multani Mitti" has great scope of export to other parts of the other state of Jharkhand.

  
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## 17. DEMAND AND SUPPLY OF THE MINOR MINERAL IN LAST THREE YEARS

As such there are huge infrastructural activities such as road, building, railways are coming up by Govt. of India & PSUs under "Make In India" programme.

The Granite Gneiss, Basalt are the main raw minerals for the above activities and considering the last three years' actual production of Sahibganj with respect to the requirement of the state has a huge gap.

It is proposed to start the stone production from larger block/area to atleast double the production of the district which will enhance the revenue of the district and also support the livelihood of the local people.

In the present scenario, the Stone boulders & chips have good market in all regions of the country for construction of buildings, roads, bridges, railway line and other constructional purposes. As such there are huge infrastructural activities such as road, building, railways are coming up by Govt. of India & PSUs under "Make in India" programme. The production of Stone boulders & chips are the main raw minerals for the above activities and considering the last three years' actual production of Sahibganj with respect to the requirement of the State has a huge gap. It is proposed to start the Stone production from larger areas to at least double the production of the district which will enhance the revenue of the district and also support the livelihood of the local people.

The mining project will also bring economic benefits to the State by the ways of royalty of Stone as well as benefit to the lessee. It will help in general of employment in rural areas in Jharkhand State where tribal people are starving due to unemployment. A single mining project shall be providing employment to approximately 25 to 30 people to the poorest section of the society and benefiting more than 50 to 60 people indirectly. Further, infrastructure development will help in development of nation. Socio-economic condition of the area will be improved as mining activity will create additional employment for the local habitants for raising their socio-economic status. Significant contribution will be made by lessee towards social development of the surrounding area in the form of CSR/CER fund.

There is a huge demand of Stone chips for domestic and infrastructure sector. Only a few Stone mines have environmental clearance for extraction of Stone. There is limited supply of Stone and there is huge gap. There are no statistical data, regarding demand and supply of minerals in Sahibganj district. Due to construction of roads and public buildings for development works in the district a large number of Stone chips & boulders are required. This will meet only by granting new leases in the district.

Based on the revenue report for the financial year 2022-23, it can be observed that, the total collection in the financial year 2021-22, till March 2022 is Rs. 1672.25 Lakhs, however, the total collection in financial year 2022-23 is exceeding by Rs. 235.25 Lakhs. This implies the increasing demand of building material of around 116.37% in the district.



  
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## 18. MINING LEASES MARKED ON THE MAP OF THE DISTRICT

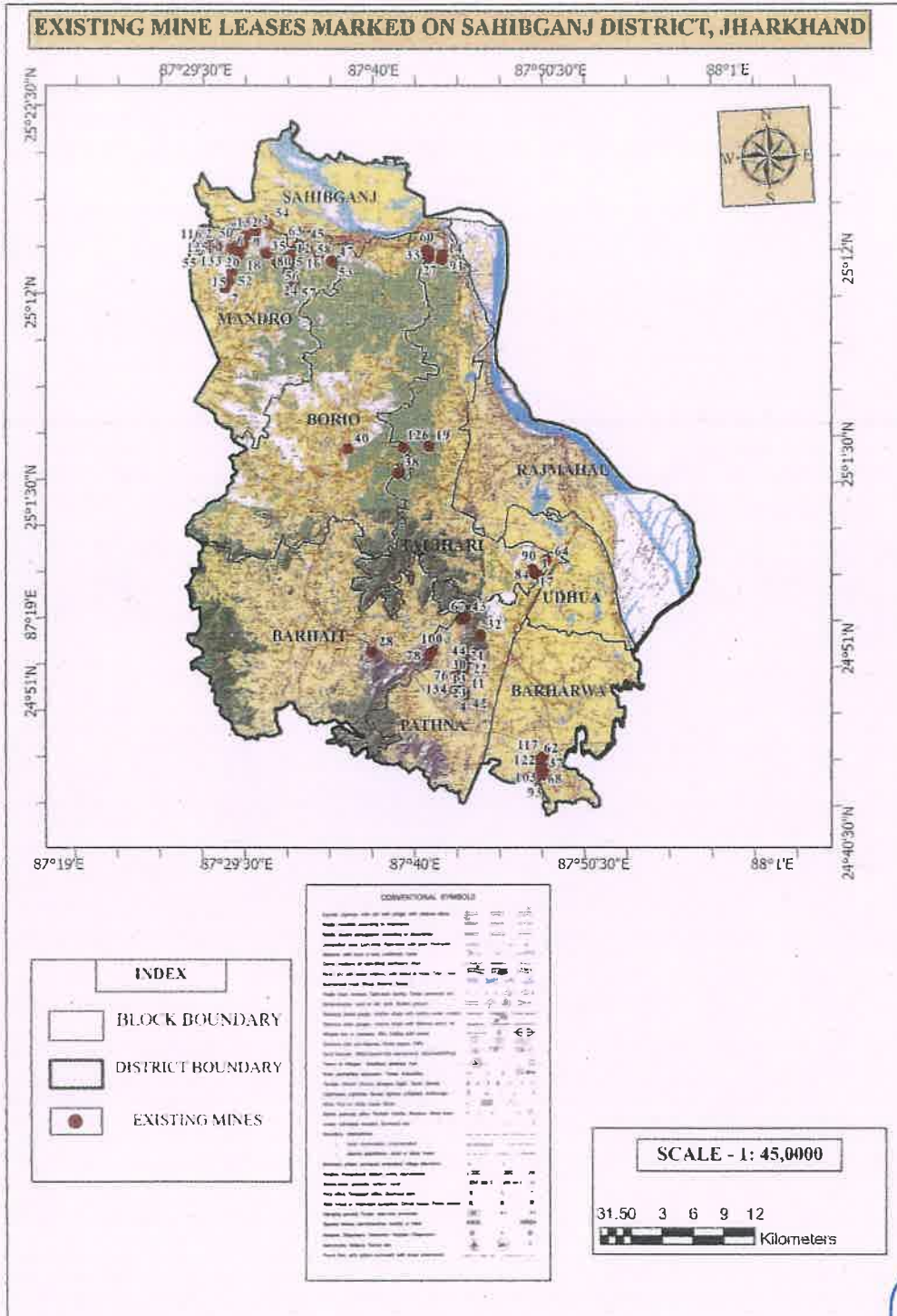


Fig. 18.1:- Map Showing Existing mines in the District



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19. DETAILS OF THE AREA OF WHERE THERE IS A CLUSTER OF MINING  
LEASES

Sl. NO.	CLUSTER NO.	Name of the Mineral	Name of the Lessee	Address & Contact No. of Lessee	Address of the Mining Lease	Area of Mining Lease (Ha)	Latitude	Longitude
			M/S MAA VAISHNAVI STONE WORKS, MUNDLAJ STONE MINES	SRI RAJESH KUMAR JAISWAL, S/O- HIRALAL BHAGAT, VILL.- MAHADEVBARAN, POST- MIRZACHOUKI, P.S.-MIRZACHOUKI, DIST.-SAHIBGANJ (JHARKHAND)	VILLAGE -MUNDLA, PLOT NO.- 55 & 56, KHATA NO.- 17, P.S -MUNDLA , DISTRICT -SAHIBGANJ	2.22	25°14'30.85"N	87°29'26.35"E
			M/S S. BLACK STONE WORKS, BELBHADRI STONE MINE	SRI SANTOSH KUMAR SINGH, VILL.- KIRTANIYA, P.O.-PIRPAITI, P.S.- PIRPAITI, DIST - SAHIBGANJ, JHARKHAND 813208	VILLAGE- BELBHADRI, P.S.- BELBHADRI, DIST.- SAHIBGANJ	3.64	25° 14' 22.50"N	87° 29' 14.53"E
			SRI RAJESH KUMAR JAISWAL			1.06	25°14'29.97" N	87°29' 37.01"E
		Stone	BELBHADRI STONE MINE, M/S-JAI MAA BHAGWATI STONE	SRI HIRALAL BHAGAT, AT-MAHADEO BARAN, POST- MIRZACHOUKI, P.S.- MIRZACHOUKI, DIST-SAHIBGANJ (JHARKHAND)	VILLAGE-BHELBHADRI, PLOT NO.- 170P, 171P, 172P, 177, 178P & 190P, P.S.- MIRZACHOUKI DIST- SAHIBGANJ (JHARKHAND)	2.025	25°14'27.9"N	87°29'24.7"E
			M/S - CTS INDUSTRIES 1, DD, CHHOTA DAMIN BHITA STONE MINE	SRI ASHOK KUMAR TULSYAN, 3 <sup>rd</sup> FLOOR, S.B. TOWER, 37 SHAKHSHERE SARANI, KOLKATA - 700017, (WEST BENGAL)	VILLAGE: CHHOTA DAMIN BHITA (DAMRA MAKO ) 10, PLOT NO.- 04, 26P, 07P & KHATA NO.- 35, 31, 16, PO-MIRZACHOWKI DIST- SAHIBGANJ	4.998	25°14'20.84" N	87°29'32.56"E

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2	CLUSTER 2	Stone	SRI MANOJ KUMAR SAILMUNDALI STONE MINE	AT COLLEGE ROAD, P.O. + P.S. - SAHIBGANJ, DISTRICT - SAHIBGANJ, JHARKHAND-816109	VILLAGE- MUNDALI, P.S.- MIRZACHOWKI, DIST - SAHIBGANJ, JHARKHAND.	1 620 11A	25°14'38.12" N	87°29'46.02" E
			M/S STAR INDIA MINING MINE/RAJ. CHHOTTA DAMINBHITTA & BHUTAHA STONE MINE	PART: SRI AJAY KUMAR BHAGAT, AT: KAURI KHITANA, P.O. BHAGAIYA, P.S., MIRZACHOUKI, DIST. SAHIBGANJ, JHARKHAND	VILLAGE- CHHOTTA DAMINBHITTA & BHUTAHA, P.S.: MIRZACHOUKI, DISTRICT: SAHIBGANJ, STATE: JHARKHAND	4 81	25°14'30.11"N	87°30'17.22"E
			M/S MAA RAKSI STONE WORKS	PART-SHRI TINKAL KUMAR BHAGAT, S/O SRI RAM NARAYAN BHAGAT, VILL.-MAHADEVWARAN, PS- MIRZACHOUKI, DIST- SAHIBGANJ, JHARKHAND	VILL.-BHUTAHA, PO+PS- MIRZACHOUKI, DIST-SAHIBGANJ, JHARKHAND	1 27	25°14'26.996"N	87°29'55.0247"E
			BHUTHA STONE MINE	SRI PRADHAN MURMU, AT- BARTALI, P.O. - MIRZACHOUKI, P.S. - MIRZACHOUKI, DIST-SAHIBGANJ, JHARKHAND	VILLAGE- BHUTHA, PLOT NO- 73(P) KHATA NO. - 07, THANA- MIRZACHOUKI, DIST-SAHIBGANJ	1 62	25°14'28.2"N	87°30'00.4"E
			M/S FARKESIWAR JAISWAL	PROP. SHRI TARKI SHWAR JAISWAL, AT: NEEM GACHHI, P.O. & P.S. MIRZACHOUKI, DIST: SAHIBGANJ, JHARKHAND	VILLAGE- MUNDLI, P.S. : MIRZACHOWKI, DISTRICT: SAHIBGANJ, STATE: JHARKHAND	1 62	25°14'36.30"N	87°29'51.20"E
3	CLUSTER 3	Stone	M/S JILLI TOUCH STONE WORKS PAKARIA STONE DEPOSIT	SHRI RAM VYAS TIWARI, S/O LATE RAM KISHOR TIWARI, VILLAGE- NIMGACHHI, P.O + P.S. - MIRZACHOUKI, SAHIBGANJ, JHARKHAND	VILLAGE- PAKARIYA, PLOT NO.- 128, 129P, 132P, 134 & KHATA NO.- 43, 39, 25, 29, P.S -MIRZACHOUKI, DISTRICT -SAHIBGANJ	3 03	25°14'02.49"N	87°31'35.81"E
			PRO-MINERAL, PAKARIA STONE DEPOSIT	SRI MRINAL S/O- SRI BADRI PRASAD, AT- COLLEGE ROAD SAHIBGANJ P.O - SAHIBGANJ, DIST- SAHIBGANJ, STATE- JHARKHAND	VILLAGE: PAKARIA, PLOT NO.- 127P, P.S. - MIRZACHOUKI, DIST- SAHIBGANJ	2 02	25°14'01.16"N	87°31'35.26"E



  
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4	CLUSTER 4	Stone	M/S SHIV SHAKTI ENTERPRISES PAKARIYA STONE DEPOSIT	SHRI ABHISEKH PRASAD (PROPRIETOR), S/O SHRI TIRAPURARI PRASAD, VILL.-SHIS PORI, P.O. P.S.- RANCHI UNIVERSITY, DIST. RANCHI JHARKHAND	VILL.: PAKARIYA, BANGLOW, SAKROGARH, DIST. : SAHIBGANJ	4.74	25°14'35.30" N	87°31'36.10" E
			MS JAI MAJADI STONE WORKS, DAMINBHITHA STONE DEPOSIT	PART- SHRI RANJAN KUMAR VERMA, ADDRESS :SHRI RANJAN KUMAR VERMA, S/O L.J. BAJUNA TH SAINA, VILL. AGHE- MAHADEVBARAN, P.O.P.S.- MIRZACHAURI, SAHIBGANJ, JHARKHAND	VILLAGE- DAMINBHITHA, P.S.- DAMINBHITHA, DIST.- SAHIBGANJ	2.75	25°14'32.83" N	87°31'49.56" E
5	CLUSTER 5	Stone	M/S-JAI MAJ DURG STONE WORKS			2.23	25°14'12.793" N	87°35'20.673" E
			PRO - SRI CHATURANAND PANDEY, JOKMARI STONE DEPOSIT	SRI CHATURANAND PANDEY, S/O- SRI VISHWANATH PANDEY, VILL.- TALBANNA, P.O. P.S. + DIST.- SAHIBGANJ (JHARKHAND)	VILLGAE- JOKMARI, TEHSIL- SAHIBGANJ, DISTRICT - SAHIBGANJ	1.93	25°14'16.98" N	87°35'27.63" E
			M/S JAI MAJ DURG STONE WORKS, JOKMARI- GUTTI BERA STONE DEPOSIT/MINE	SRI AMIT KUMAR YADAV, VILLAGE- KUSHWAHA TOLA, POS.:- TALBANA, P.S - SAHIBGANJ, DIST.-SAHIBGANJ (JHARKHAND)	VILLAGE-JOKMARI GUTTI BERA, P.S.- MAHADEVGANJ, DIST- SAHIBGANJ	1.83	25°14'20.194" N	87°35'26.634" E
			M/S ADARSH GROUP, JOKMARI STONE MINE	PARTNER SRI ARIF ZAFAR S/O ZAFFAR MAHMUD, AT- L. C. ROAD, P. O SAHIBGANJ DIST.- SAHIBGANJ, STATE- JHARKHAND	VILLAGE- JOKMARI, P.S.- SAHIBGANJ, DIST.- SAHIBGANJ	3.04	25°14'05.8" N	87°35'36.7" E
6	CLUSTER 6	Stone	M/S KASHI BUILDERS & SERVICES PVT. LTD, BELBIADRI STONE DEPOSIT	VILLAGE- INDAV, P.O. P.S. - SHEKTI PURA, DISTRICT- SHEKTI PURA, BIHAR-811105		2.84	25°14'23.12" N	87°35'06.30" E
			M/S SANKAT MOCTIAN STONE, CHUWA STONE MINE	SHRI ANUPAM KUMAR, S/O- LATE CHANDRA SHEKHAR-PRAKASH SAIL, VILL.- MOHADINAGAR, POST- MIRZANIAT, P.S. - MOZAIHPUR, DIST- BHAIGAI PUR (BIHAR)	VILLAGE- CHUWA, PLOT NO.- 19P, 35, 70P, J.B. NO.- 09, 04, P.S - JIRWABARI, DISTRICT - SAHIBGANJ	3.64	25°12'58.60" N	87°34'23.00" E
6			M/S SRI SHYAM STONE WORKS	PARTNER - SRI VED PRAKASH KHUDANIA, S/O LATE SURAJ MAL. KHUDANIA, AT. MAHAJAN PATTI, PO & DISTRICT - SAHIBGANJ, STATE - JHARKHAND - 816109, MOB. 9973761838	VILLAGE: CHUWA, THANA: SAKROGARH, THANA NO. 8, DIST. : SAHIBGANJ, JHARKHAND			87°34'27.4" E

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7	CLUSTER 7	Stone	M/S OM SAI STONE WORKS, DEMBA STONE DEPOSIT	SRI RAMJIJI, SINGIL, S/O- SIRI LAL, SAHIB SINGH, HOUSE NO - 345, ASHIYANA COLONY, P.S - ASHIYANA, DIST-J.UCKNOW (UP)	VILLAGE- MAJHIKOLA, PLOT NO.- 211P, 212P, 213P, P S - MAHADEOGANJ, DISTRICT - SAHIBGANJ	3.03	25°13'37.60"N	87°34'30.80"E
			M/S SRI RAMPIJAI CHAUDHARY, DEMBA STONE DEPOSIT	SRI RAMPIJAI, CHAUDHARY, HOUSE NO - 11, PO- LAIGANI, TEHSIL- BASTI, DIST - BASTI, STATE-UTTAR PRADESH, PIN- 272301	VILLAGE- DEMBA, PLOT NO.- 223, 224, 225, 226P, 243P & KHATA NO.- 23, 06, 32, THANA-MAHADEVGANJ, DIST-SAHIBGANJ	4.05	25°13'27.44" N	87°34'43.92" E
			M/S MAALAXMI STONE WORKS	PROPRIETOR - SRI VIKASH KUMAR, AT MAHADEVGANJ, P.S + DISTRICT - SAHIBGANJ, JHARKHAND	VILLAGE- DEMBA, P.S.- BORJO (JIRWABARI), DIST.- SAHIBGANJ	4.654	25°13'51.99" N	87°34'39.09" E
			M/S MAHAJEEF ENGINCONS PVT.LTD, DEMBA STONE MINE	SRI RAJ KUMAR PANDIEY, AT- NEW JAKKANPUR, WEST OF DR. SHAMBIHU SHARAN, PATNA (BIHAR), PIN-800001	VILLAGE- DEMBA, PLOT NO. - 197(P), 198(P), 206, 207(P), 208(P), 209(P), P.S - MAHADEOGANJ, DISTRICT - SAHIBGANJ	4.84	25°13'41.9" N	87°34'25.8" E
			KARAMBI STONE MINE	PROP. MD. EIJESHAM, ADDRESS - AT- KARAMBI, ANJUMANNAGAR, DISTRICT - SAHIBGANJ, JHARKHAND, PIN - 816109	VILLAGE- KARAMBI, P.S - JURWABARI, DISTRICT - SAHIBGANJ	8.78	25°13'19.92" N	87°37'03.65" E
			M/S RATAN BLACK STONE, KARAMBI STONE MINE	PROPRIETOR - SRI CHANDRESHWAR PRASAD SINHA, L.C. ROAD, SAHIBGANJ, JHARKHAND, PIN - 816109	VILLAGE- KARAMBI, P.S - KARAMBI, DISTRICT - SAHIBGANJ	3.23	25°13'24.24" N	87°37'00.18" E
			PRO - SRI MADAN KANT, KIROKURIA STONE MINE	SRI MADAN KANT, AT- NETAJI SUBHASHI COLONY, P.O - SAHIBGANJ, P.S - JIRWABARI, DIST- SAHIBGANJ, STATE- JHARKHAND	VILLAGE; KIROKURIA, PLOT NO.- 2P, 30P, 31P, TEHSIL-TALJHARI, DIST-SAHIBGANJ	1.62	25°13'41.56" N	87°42'39.52" E
			PRO - SRI DINI, SHI KUMAR YADAV, KIROKURIA STONE MINE	SRI DINI, SHI KUMAR YADAV, VII. J- MANGAL BAZAR, PO- SAKRIGALI, P.S - SAHIBGANJ, DIST- SAHIBGANJ, STATE- JHARKHAND	VILLAGE: KIROKURIA, PLOT NO.- 04P, 08P, 09P, 30P, TEHSIL- TALJHARI DIST-SAHIBGANJ	3.73	25°13'37.78" N	87°42'45.93" E
			PRO- SIRI MADAN KANT, KIROKURIA STONE MINE	NETAJI SUBHASHI COLONY, P.O SAHIBGANJ, THANA - BORJO, DIST- SAHIBGANJ, JHARKHAND	VILLAGE- KIROKURIA, P.S.- SAKRIGALI, DIST.- SAHIBGANJ	2.43	25°13'41.59" N	87°42'38.88" E

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10	CLUSTER 10	Stone	M/S VIDYARTHI STONE WORKS, GADWA STONE MINE	SRI PARMANAND PANDEY, AT. NETAJI SUBHASJI COLONY, P.O. SAHIBGANJ, P.S. - JIRBABARI, DIST. SAHIBGANJ, JHARKHAND	VILLAGE- GADWA, PLOT NO.- 63P, 72 & 80, P.S -TALJHARI, DISTRICT -SAHIBGANJ	4.45	25°13'10.00"N	87°43'30.00"E
			M/S VIDYARTHI STONE WORKS, GADWA STONE MINE	SRI PARMANAND PANDEY, AT- NETAJI SUBHASJI COLONY, P.O - SAHIBGANJ, P.S - JIRBABARI, DIST-SAHIBGANJ, STATE-JHARKHAND	VILLAGE: GADWA, PLOT NO.- 64P, 67P, 70P, & 71P, TEHSIL- TALJHARI DIST-SAHIBGANJ	3.72	25°13'10.00"N	87°43'30.00"E
			MS MOHAN AND SANJAY STONE WORKS	SRI SANJAY KUMAR YADAV, VILLAGE LAKRAKOLE, P.O MATHURAPUR, THANA, PIRPATTI, DIST BHAGALPUR, BIHAR	VILLAGE-GADWA, THANA, TALJHARI, ANCHAL, RAJMAHAL, DISTRICT- SAHIBGANJ, JHARKHAND)	2.33	25°13' 25.1424" N	87°43'35.1056"E
11	CLUSTER 11	Stone	M/S VANSI A GRANITE, PROP. SMT. BINA SINGH W/O - LATE PRATAPESHWAR	AT. NILKOTHI, P.O. & P.S. RAJMAHAL, DIST. SAHIBGANJ, JHARKHAND	VILL.: CHALPAHAR, THANA: TALJHARI, PLOT NO.: 55 & 56 DIST.: SAHIBGANJ, JHARKHAND	0.61	24° 55' 58.04" N	87° 47'58.31" E
			M/S BOBY STONE WORKS, MD AMINUL ISLAM, GADAITUNGI STONE MINES	MD AMINUL ISLAM, VILLAGE- KASIM BAZAR, P.O - RAJMAHAL, DIST- SAHIBGANJ, STATE-JHARKHAND	VILLAGE: GADAITUNGI, PLOT NO.- 129P & KHATA NO.- 04, P.O.- BAKUDIH, P.S. - TALJHARI, DIST- SAHIBGANJ	1.11	24°56'07.93"N	87°47'50.48"E
			M/S VANSI A GRANITE	SHRI SUMIT SADIWANI & PARTNER, VILL - SINDHIPARA, P.O +P.S - PAKUR DIST - PAKUR, STATE- JHARKHAND	VILLAGE- PAKTURI, P.S - TALJHARI, DIST- SAHEBGANJ, STATE- JHARKHAND.	0.25	24°55'58.04" N	87°47'58.31" E
12	CLUSTER 12	Stone	MS JAI DAS COMPENY, PAKTURI STONE MINE	PROPRIETOR- MD MOHTAB ALAMP O- PYARPUR, P.S- RADHANAGAR, DIST- SAHIBGANJ, STATE- JHARKHAND	VILLAGE- GUDAITUNGI, P.S - GUDAITUNGI, District - SAHEBGANJ	13.53	24°55'55.42" N	87°48'7.56" E
			MS MD ALAM AND BROTHER, GUDAITUNGI STONE MINE	MAKSUR SHEIKH (PARTNER), C/O- MAMUL HOQUE, VILL. + POST: JAMPUR, P.S. BARHARWA, DIST. SAHIBGANJ, STATE: JHARKHAND, APPROVED PIN : 816101	VILLAGE - BANSPAHAR, P.S - BANSPAHAR, DISTRICT - SAHIBGANJ	3.238	24°56'12.95" N	87°47'48.60" E
			MS BIHAI BIHAI STONE WORKS	PROP - MD MOINUL HAQUE, S/O - MD AINUL HAQUE, AT- HATPARA ROAD, P.O + P.S - BARIHARWA, DISTRICT - SAHIBGANJ, STATE- JHARKHAND	VILLAGE- BARA PANCHKULI, P.S - BARHAIT DIST-SAHIBGANJ	2.995	24°51'50.65" N	87°41'29.41" E
			MS SHAI STONE, BARA PANCHKULI STONE, MINE			1.66		87° 41'37.42" E



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13	CLUSTER 13	Stone	GANGUPARA BEDO STONE MINES	MD SAMIM ALAM, VILLAGE+ POST + PS BARIHAT BAZAR, DIST- SAHIBGANJ, JHARKHAND	VILLAGE-GANGUPARA BEDO, PLOT NO.- 44P & 25P, POST- BISHANPUR, P.S.- RANGA, DIST- SAHIBGANJ (JHARKHAND)	2 83	24°51'7.33"N	87°43'27.78"E
			M/S-NEHA BLACK STONE WORKS,GANGUPARA BEDO STONE MINES	MD AKHTAR ALAMS/O-LAJE,ZAHID HUSSAIN VILLAGE-BARIHAT BAZAR,POST-BARIHAT BAZAR,P.S- BARIHAT BAZAR,DIST-SAHIBGANJ (JHARKHAND)	VILLAGE - GUNGOPADA BEDO, PLOT NO.- 11, 15, 16, 17, 24P & 25P THANA - RANGA, DIST- SAHIBGANJ	2 43	24°51'9.48" N	87°43'27.96"E
14	CLUSTER 14	Stone	PRO SMT MIRU SOREN BORNA STONE MINE	SRI MIRU SOREN,AT-GODDA,POST- GODDA,P.S - GODDA,DIST-GODDA (JHARKHAND)	VILLAGE-BORNA, PLOT NO.- 191, 192, 234, 235, 236, P.S.- RANGA, DIST-SAHIBGANJ (JHARKHAND)	2 63	24°50'32.7"N	87°43'04.3"E
			MS BHAGWAN STONE WORKS	PROP. SRIJAGANNATHI BHAGAT,AT RATANPUR, P.O & P.S BARIHARWA, DIST SAHIBGANJ, JHARKHAND	VILLAGE - BORNA , P.S -BORNA , DISTRICT -SAHIBGANJ	2 9	24°50' 42.8" N	87°43' 02.0" E
15	CLUSTER 15	Stone	PRO- RAJULI KUMAR, BORNA STONE MINES	SRI RAJULI KUMAR, VILLAGE- RATANPUR, P.O + P.S - BARIHARWA, DIST - SAHIBGANJ, JHARKHAND - 816101, +91-9955498010, +91-7542986026	VILLAGE- BORNA, PLOT NO.- 437P, 438P, 439P & KHATA NO.- 70, 52, 37, P.S.- RANGA, DIST- SAHIBGANJ	1 62	24°49'46.96"N	87°43'20.06"E
			BORNA STONE MINE	SRI RAJESH KUMAR CHOUBEY, VII-1- JHUKTA, PO- BARIHARWA, THANA- BARIHARWA DIST - SAHIBGANJ, STATE- JHARKHAND, PIN-816101	VILLAGE: BORNA, PLOT NO - 440P, 447P, 448, PO & PS- BARHARWA, DIST- SAHIBGANJ	1 21	24°49'45.09"N	87°43'11.66"E
			BORNA STONE MINE, SRI SHANKAR KUMAR	NUTAN KUMAR, W/O- SRI SHANKAR KUMAR, VILLAGE- KATANPUR, P.O + P.S - BARIHARWA, DISTRICT- SAHIBGANJ, STATE- JHARKHAND - 816101	VILLAGRE- BORNA , P.S - BARHARWA , DISTRICT - SAHIBGANJ	1 011	24°49'42.31" N	87°43'24.83" E
			PRO - ASRAFUL HIAQUE, BORNA STONE MINES	VILLAGE: PROFESSOR COLONY, P.O + P.S - BARIHARWA, DIST- SAHIBGANJ, JHARKHAND	VILLAGE- BORNA, PLOT NO - 468P, 469P, P.S. - RANGA, DIST- SAHIBGANJ, STATE- JHARKHAND	1 66	24°49'35.8"N	87°43'23.4"E

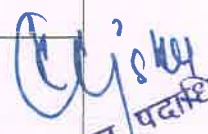
  
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16	CLUSTER 16	Stone	PRO-RAHUL KUMAR, BORNA STONE MINES	SRI RAHUL KUMAR, VILLAGE:- RATANPUR, P.O. + P.S. - BARIARWA, DIST. - SAHIBGANJ, JHARKHAND - 816101, +91- 9955498010, +91-7542986026	VILLAGE:- BORNA, PLOT NO.- 437P, 438P, 439P & KHATA NO.- 70, 52, 37, P.S.- RANGA, DIST- SAHIBGANJ	1.62	24°49'46.96"N	87°43'20.06"E
			BORNA STONE MINE	SRI RAJESH KUMAR CHOUBEY, VILL.-JHUKTA, PO- BARIARWA, THANA-BARIARWA, DIST.- SAHIBGANJ, STATE- JHARKHAND, PIN-816101	VILLAGE: BORNA, PLOT NO.- 440P, 447P, 448, PO & PS- BARHARWA, DIST- SAHIBGANJ	1.21	24°49'45.09"N	87°43'11.66"E
			M/S- DEV BLACK STONE WORKS, BORNA STONE MINE	SRI RAJESH KUMAR ROSHAN, AT-BARA GOVIND, POST-BARA CHAKIA, P.S. - BARA CHAKIA, DIST-MOHTIARI, BIHAR	VILLAGE:- BORNA, PLOT NO.- 273, 432, 433, 299, 420, 421, 417, 418, 419, 422, & KHATA NO.- 58, 65, 52, 24, 44, P.S. - RANGA DIST-SAHIBGANJ	3.38	24°49'56.89"N	87°43'8.93"E
			BORNA STONE MINES	SRI. MUJIBUR RAHMAN, VILLAGE:-CHANDPUR, POST- AAGHOL, P.S. - BARIARWA, DIST- SAHIBGANJ, JHARKHAND	VILLAGE-BORNA P.S. - RANGA DIST- SAHIBGANJ(JHARKHAND)	0.81	24°49'55.6" N	87°42'55.9"E
17	CLUSTER 17	Stone	M/S- SHREE STONE WORKS			4.28	24°45'25.32" N	87°47'36.02 E
			MD. JAHEED, DHATAPARA & FATEHPUR STONE MINE	AT-CHANDORE, PO- BAGDORA, DIST-FARAKKA, MURSHIDABAD, STATE-WEST BENGAL, PIN-742212	VILLAGE:- DHATAPARA & FATEHPUR P.O. - PATHARIA P.S.- SAHIBGANJ	3.28	24°45'26.6" N	87°47'41.3"
18	CLUSTER 18	Stone	PRO.- SRI SHUKDEB GHOSIL, DHATAPARA STONE MINE	SRI SHUKDEB GHOSIL, AT- KAHAIRAKANDI, POST- BENIAGRAM, P.S. - FARAKKA, DIST-MURSHIDABAD (WEST BENGAL)	VILLAGE:- DHATAPARA, PLOT NO.- 164, 165, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, KHATA NO.- 104 THANA-KOTAL, POKHAR DIST- SAHIBGANJ	2.43	24°45'52.95" N	87°47'34.52"E
			M/S S.D. ENTERPRISE, DHATAPARA STONE MINE	AT.- KAHAIKANDI, POST- BENIAGRAM, P.O.- FARAKKA, DIST.- MURSHIDABAD, WEST BENGAL 742212	MOUZA -DHATAPARA, P.O. - PATHARIA, P.S. - KOTAL, POKUR, (BARIARWA), DIST - SAHIBGANJ,	2.43	24°45'52.95" N	87°47'34.52" E
			DHATAPARA STONE MINE, USMAN SEKH	AT. & P.O. : PALASH BONA, P.S. : KOTAL, POKHAR, DIST. : SAHIBGANJ, JHARKHAND	VILLAGE:- DHATAPARA, PLOT NO.- 305, 316, 306, 309 & 310, 308, 311 & 312, P.S. - KOTAL, POKHAR, DISTRICT - SAHIBGANJ	1.8387 HA	24°46'02.2"N	87°47'49.4"E

  
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## 20. DETAILS OF ECO-SENSITIVE AREA

The Udhwa Lake Bird Sanctuary lies between latitudes 24°19' to 24°73' North and longitudes 87°20' to 87°70' East in the Rajmahal sub-Division of Sahibganj District in the State of Jharkhand. The Sanctuary mainly comprises of two large water bodies namely:

- Pataura jheel having an area of 155 ha.
- Brahma Jamalpur jheel (commonly known as Berhale jheel) having an area of 410 ha.

Extent and boundaries of Eco-sensitive Zone: The total area of the eco-sensitive zone of Udhwa Lake Bird Sanctuary is 56.94 square kilo meters that falls in Sahibganj district. The extent of Eco-sensitive Zone where is from 0.5 to 2 kilometers.

List of activities prohibited or to be regulated or promoted within the Eco-sensitive Zone.-

All activities in the Eco sensitive Zone shall be governed by the provisions of the Environment (Protection) Act, 1986 (29 of 1986) and the rules made there under including the Coastal Regulation Zone, 2011 and the Environmental Impact Assessment Notification, 2006 and other applicable laws including the Forest (Conservation) Act, 1980 (69 of 1980), the Indian Forest Act, 1927 (16 of 1927), the Wildlife (Protection) Act 1972 (53 of 1972), and amendments made there to and be regulated in the manner specified in the Table below, namely:-

Sl. No.	Activity	Remarks
(1)	(2)	(3)
<b>Prohibited activities</b>		
1.	Commercial Mining	(a) All new and existing (minor and major minerals), stone quarrying and crushing units are prohibited with immediate effect except for meeting the domestic needs of bonafide local residents including digging of earth for construction or repair of houses and for manufacture of country tiles or bricks for housing and for other activities. (b) The mining operations shall be carried out in accordance with the order of the Hon'ble Supreme
2.	Setting of industries including new oil and gas exploration causing pollution (Water, Air, Soil, Noise, etc.)	No new industries and expansion of existing polluting industries in the Eco-sensitive zone shall be permitted. Only non-polluting industries shall be allowed within ESZ as per classification of Industries in the Guidelines issued by Central Pollution Control Board in February 2016, unless so specified in this notification. In addition, non-polluting cottage industries shall be promoted.
3.	Establishment of major thermal and major hydroelectric projects.	Prohibited (except as otherwise provided) as per applicable laws.



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4.	Use or production or processing of any hazardous substances.	Prohibited (except as otherwise provided) as per applicable laws.
5.	Discharge of untreated effluents in natural water bodies or land area.	Prohibited (except as otherwise provided) as per applicable laws
6.	Setting of new saw mills and wood based industries.	No new or expansion of existing saw mills shall be permitted within the Eco-sensitive Zone.
7.	Commercial use of firewood.	Prohibited (except as otherwise provided) as per applicable laws.
8.	Use of plastic bags.	Prohibited (except as otherwise provided) as per applicable laws.
9.	Setting up of brick kilns.	Prohibited (except as otherwise provided) as per applicable laws.
<b>REGULATED ACTIVITIES</b>		
10.	Commercial establishment of hotels and resorts.	No new commercial hotels and resorts shall be permitted within one kilometre of the boundary of the Protected Area or upto the extent of Eco-sensitive zone, whichever is nearer, except for small temporary structures for Eco-tourism activities. Provided that, beyond one kilometre from the boundary of the protected Area or upto the extent of Eco-sensitive zone whichever is nearer, all new tourist activities or expansion of existing activities shall be in conformity with the Tourism Master Plan and guidelines as applicable.



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11.	Construction activities	<p>(a) No new commercial construction of any kind shall be permitted within one kilometre from the boundary of the Protected Area or upto extent of the Eco-sensitive Zone whichever is nearer: Provided that, local people shall be permitted to undertake construction in their land for their use including the activities listed in sub paragraph (1) of paragraph 3 as per building byelaws to meet the residential needs of the local residents such as:</p> <ul style="list-style-type: none"> <li>(i) Widening and strengthening of existing roads and construction of new roads;</li> <li>(ii) Construction and renovation of infrastructure and civic amenities;</li> <li>(iii) Small scale industries not causing pollution termed as per Classification done by Central Pollution Control Board of February 2016;</li> <li>(iv) Cottage industries including village industries; convenience stores and local amenities supporting eco-tourism including home stays; and</li> <li>(v) Promoted activities listed in this Notification.</li> </ul>
		<p>(a) Provided that the construction activity related to small scale industries not causing pollution shall be regulated and kept at the minimum, with the prior permission from the competent authority as per applicable rules and regulations, if any. (b) Beyond one kilometre it shall be regulated as per the Zonal Master Plan.</p>
12.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming, aquaculture and fisheries.	Permitted under applicable laws for use of locals.
13.	Establishment of large scale commercial livestock and poultry farms by firms, corporate, companies.	Regulated under applicable laws.
14.	Small scale non polluting industries.	Non polluting industries as per classification of industries issued by the Central Pollution Control Board in February 2016 and non-hazardous, small scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from

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		indigenous materials from the Eco-sensitive Zone shall be permitted by the competent Authority.
15.	Felling of Trees	(a) There shall be no felling of trees on the forest or Government or revenue or private lands without prior permission of the competent authority in the State Government. (b) The felling of trees shall be regulated in accordance with the provisions of the concerned Central or State Act and the rules made thereunder.
16.	Collection of Forest produce or Non-Timber Forest Produce (NTFP).	Regulated under applicable laws.
17.	Erection of electrical and communication towers and laying of cables and other infrastructures.	Regulated under applicable laws. Underground cabling may be promoted.
18.	Infrastructure including civic amenities.	Shall be done with mitigation measures, as per applicable laws, rules and regulation and available guidelines.
19.	Widening and strengthening of existing roads and construction of new roads.	Shall be done with mitigation measures, as per applicable laws, rules and regulation and available guidelines.
20.	Under taking other activities related to tourism like over flying the ESZ area by hot air balloon, helicopter, drones, Microlites, etc.	Regulated under applicable laws.
21.	Protection of Hill Slopes and river banks.	Regulated under applicable laws.
22.	Movement of vehicular traffic at night.	Regulated for commercial purpose under applicable laws.
23.	Discharge of treated waste water/effluents in natural water bodies or land area.	The discharge of treated waste water/effluents shall be avoided to enter into the water bodies. Efforts to be made for recycle and reuse of treated waste water. Otherwise the discharge of treated waste water/effluent shall be regulated as per applicable laws.

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24.	Commercial use and extraction of surface and ground water.	Regulated under applicable laws.
25.	Open Well, Bore Well etc. for agriculture or other usage.	Regulated and the activity should be strictly monitored by the appropriate authority.
26.	Solid Waste Management / Bio-medical Waste Management	Regulated under applicable laws
27.	Introduction of Exotic species.	Regulated under applicable laws.
28.	Use of Commercial Sign boards and hoardings.	Regulated under applicable laws.
29.	Eco-tourism	Regulated under applicable laws
<b>Promoted activities</b>		
30.	Organic farming.	Shall be actively promoted.
31.	Adoption of green technology for all activities.	Shall be actively promoted.
32.	Rain water harvesting.	Shall be actively promoted.
33.	Cottage industries including village artisans.	Shall be actively promoted.
34.	Use of renewable energy and fuels.	Bio gas, solar light etc. to be actively promoted
35.	Agro Forestry.	Shall be actively promoted.
36.	Plantation of Horticulture and Herbs	Shall be actively promoted
37.	Use of eco-friendly transport	Shall be actively promoted.
38.	Skill Development	Shall be actively promoted.
39.	Restoration of Degraded Land/ Forests/ Habitat.	Shall be actively promoted.
40.	Environmental Awareness	Shall be actively promoted.



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LIST OF ENCLAVED VILLAGES

Sl. No.	Name of Village	Admm Block	GPS co-ordinates
1	Pataura	Udhwa	24.9667 N, 87.8269 E
2	Panchwara	Udhwa	24.9763 N, 87.8140 E
3	Brahmajamalpur II	Udhwa	24.9786 N, 87.8191 E
4	Jamnagar	Rajmahal	24.9892 N, 87.8302 E
5	Lakhipur Sajanpur	Rajmahal	25.0119 N, 87.8240 E
6	Brahmajamalpur	Rajmahal	24.9605 N, 87.8021 E
7	Paranpur	Rajmahal	25.0085 N, 87.8074 E



  
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List of villages within the Eco Sensitive Zone of  
Udhwa Lake Bird Sanctuary

Sl. No.	Name of Village	Admm. Block	GPS co-ordinates
2	Birpur	Rajmahal	25.0345 N, 87.8165 E
3	Dhulahar	Rajmahal	24.9772 N, 87.7886 E
4	Mansingha	Rajmahal	25.0046 N, 87.8293 E
5	Sukhahar	Rajmahal	25.0116 N, 87.7964 E
6	Turtipur	Rajmahal	25.0384 N, 87.8167 E
7	Chamudanga	Udhwa	24.9516 N, 87.8341 E
8	Chatrodiha	Udhwa	24.9609 N, 87.8110 E
9	Dharampur	Udhwa	24.9607 N, 87.8054 E
10	Duganagar	Udhwa	24.9625 N, 87.8372 E
11	Kamudanga	Udhwa	24.9536 N, 87.8396 E
12	Kishun nawada	Udhwa	24.9569 N, 87.7980 E
13	Kristopur	Udhwa	24.9563 N, 87.8358 E
14	Kusma	Udhwa	24.9422 N, 87.8278 E
15	Lalbathan	Udhwa	24.9526 N, 87.8181 E
16	Madhopara	Udhwa	24.9446 N, 87.8160 E
17	Marupur	Udhwa	24.9510 N, 87.8086 E
18	Mohanpur	Udhwa	24.9610 N, 87.8262 E
19	Rajabhita	Udhwa	24.9438 N, 87.8229 E
20	Rampur	Udhwa	24.9575 N, 87.8287 E
21	Simaljori	Udhwa	24.9512 N, 87.8263 E
22	Singaria	Udhwa	24.9810 N, 87.7862 E
23	Sutiarpara	Udhwa	24.9673 N, 87.7883 E
24	Udhwa	Udhwa	24.9676 N, 87.8456 E

Note:- The villages of udhwa and rajmahal block which comes under eco-sensitive zone are strictly prohibited for any kind of mining activity.



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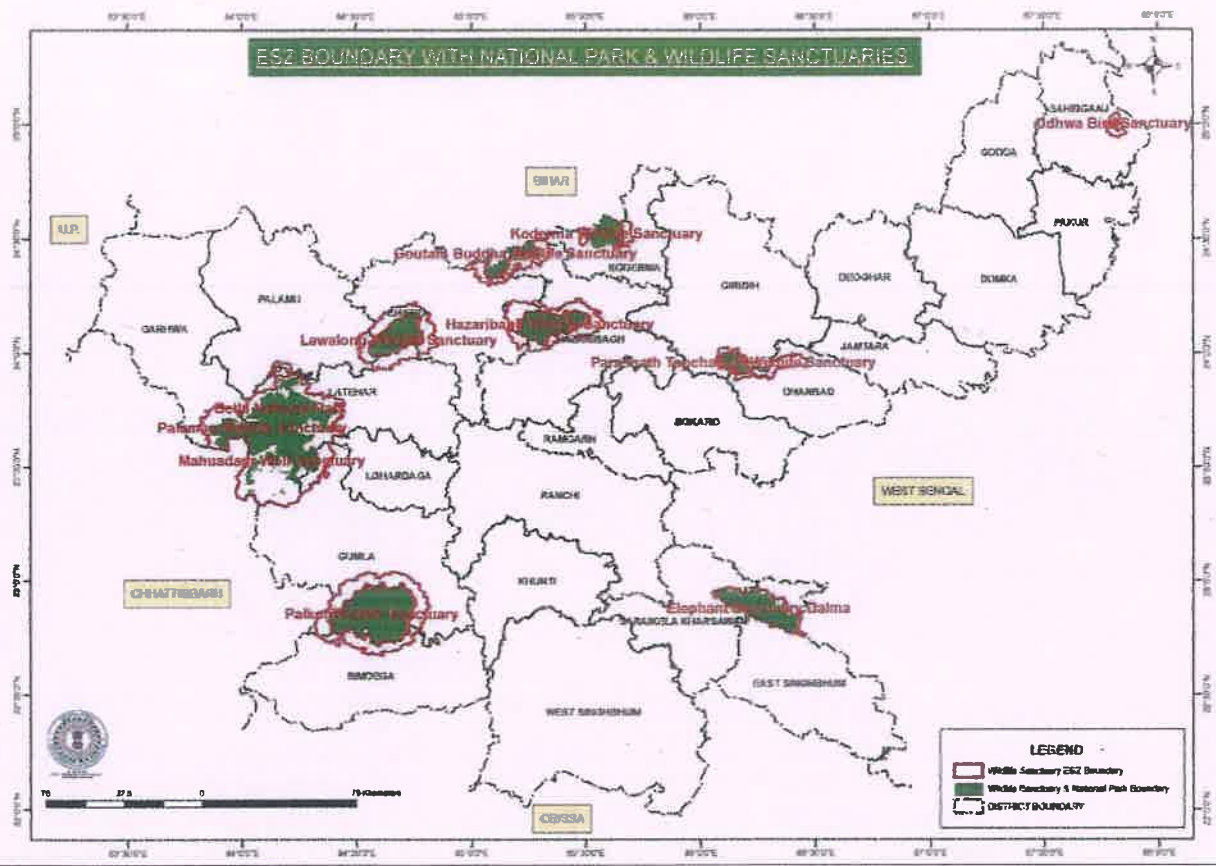


Fig 20.1:- ESZ Boundary with National Park & Wildlife Sanctuaries



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**ECO-SENSITIVE ZONE MAP OF SAHIBGANJ DISTRICT**



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Fig 20.2:- Map of Udhwa Lake Bird Sanctuary, Jharkhand along with Eco-Sensitive Zone

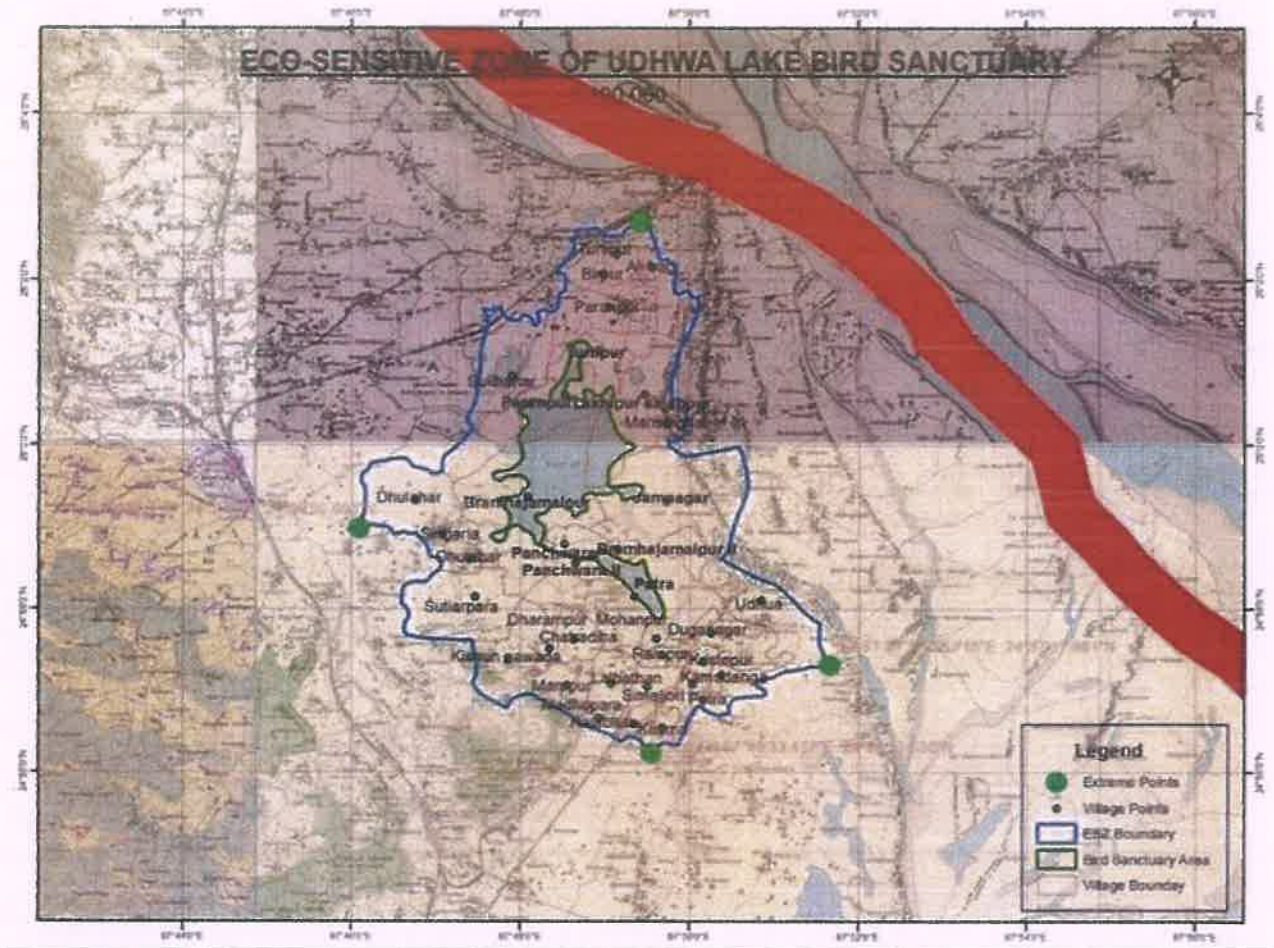


Fig 20.3:- Eco-Sensitive Zone of Udhwa Lake Bird Sanctuary

SOURCE: MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE NOTIFICATION New Delhi, the 8th February, 2018 S.O. 624.(E)



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**MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE  
NOTIFICATION**

New Delhi, the 8th February, 2018

**S.O. 624.(E).**—The following draft of the notification, which the Central Government proposes to issue in exercise of the powers conferred by sub-section (1), read with clause (v) and clause (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act, 1986 (29 of 1986) is hereby published, as required under sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, for the information of the public likely to be affected thereby and notice is hereby given that the said draft notification shall be taken into consideration on or after the expiry of a period of sixty days from the date on which copies of the Gazette containing this notification are made available to the public:

Any person interested in making any objections or suggestions on the proposals contained in the draft notification may forward the same in writing, for consideration of the Central Government within the period so specified to the Secretary, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jorbagh Road, Aliganj, New Delhi-110003, or send it to the e-mail address of the Ministry at [eszmef@nic.in](mailto:eszmef@nic.in).

**Draft Notification**

**WHEREAS.** The Udhwa Lake Bird Sanctuary lies between latitudes 24°19' to 24°73' North and longitudes 87°20' to 87°70' East in the Rajmahal sub-Division of Sahibganj District in the State of Jharkhand. The Sanctuary mainly comprises of two large water bodies namely:

- a- Pataura jheel having an area of 155 ha. And
- b- Brahma Jamalpur jheel (commonly known as Berhale jheel) having an area of 410 ha.

A total area of 5.65 sq. km. comprising of the above water bodies has been notified as Udhwa Lake Bird Sanctuary by the Government of Bihar in 1991. Such an initiative was taken by the Govt. of Bihar on account of the exceptional potential of the above water bodies as regards the variety of resident and migratory avifauna to which the above lakes serve as an ideal habitat for their survival, nesting and roosting. The above lakes also support equally good number of aquatic flora, fish fauna and insects. Both the Pataura jheel and Berhale jheel are connected by the narrow canal with the main Ganges River, which acts as the main source of water supply to these water bodies. The sanctuary has an excellent blend of avifauna ranging from swamp, woodland, hillock as well as yearly migrants. Of the two, Berhale seems to be rich in density and diversity of birds than Patuata during rainy and winter months. During the summer, Berhale jheel dries up and water remains only in Patuara jheel, thus restricting the water birds to Pataura only. The area witness a noticeable influx of migrant birds during the winter, though sometimes it starts from early October.

**AND WHEREAS.** the area surrounding the sanctuary have scanty green cover consisting of few trees which are sparsely distributed. Apart from the surroundings, the Udhwa lake is rich in algae phytoplankton and aquatic macrophytes. The lake contains algae, small floating higher plants, sedges, reeds, thin stemmed grasses and the large aquatic flowering plants which provide good food potential and provide good nesting and breeding facilities for the birds of the sanctuary.

**AND WHEREAS.** it is necessary to conserve and protect the area around the protected area of Udhwa Lake Bird Sanctuary as eco-sensitive zone from ecological and environmental point of view:

**NOW THEREFORE.** in exercise of the power conferred by sub-section(1) and clauses (v) and (xiv) of sub-section (2) and sub-section (3) of section 3 of the Environment (Protection) Act 1986 (29 of 1986) read with sub-rule (3) of rule 5 of the Environment (Protection) Rules, 1986, the Central Government hereby notifies an area with an extent of 2 kilometres around the boundary of Udhwa Lake Bird Sanctuary in the State of Jharkhand as the Udhwa Lake Bird Sanctuary Eco-sensitive Zone (herein after referred to as the Eco-sensitive Zone) details of which are as under, namely:-

1. **Extent and boundaries of Eco-sensitive Zone.**-(1) The total area of the eco-sensitive zone of Udhwa Lake Bird Sanctuary is 56.94 square kilo meters that falls in Sahibganj district. The extent of Eco-sensitive Zone where is from 0.5 to 2 kilometers.
- (2) The map of the Eco-sensitive Zone boundary along with boundary description is at **Annexure I**;
- (3) The list of geo co-ordinates of the boundary of the Protected Area and the Eco-Sensitive Zone is at **Annexure II**;
- (4) The list of villages within Udhwa Lake Bird Eco-sensitive zone is appended as **Annexure III**.
2. **Zonal Master Plan for the Eco-sensitive Zone.**-(1) The State Government shall, for the purpose of the Eco-sensitive Zone prepare, a Zonal Master Plan in a period of two years from the date of publication of final notification in the Official Gazette, in consultation with local people and adhering to the stipulations given in this notification for approval of Competent Authority in the State Government.



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(2) The Zonal Master Plan for the Eco-sensitive Zone shall be prepared by the State Government in such manner as is specified in this notification and also in consonance with the relevant Central and State laws and the guidelines issued by the Central Government, if any.

(3) The Zonal Master Plan shall be prepared in consultation with the following State Departments, for integrating the ecological and environmental considerations into the said plan:

- i. Environment.
- ii. Forest and Wildlife.
- iii. Agriculture and Horticulture.
- iv. Revenue.
- v. Urban Development.
- vi. Tourism including eco-tourism.
- vii. Rural Development.
- viii. Irrigation and Flood Control.
- ix. Municipal and Urban Development.
- x. Panchayati Raj, and
- xi. Public Works Department.

(4) The Zonal Master Plan shall not impose any restriction on the approved existing land use, infrastructure and activities, unless so specified in this notification and the Zonal Master Plan shall factor in improvement of all infrastructure and activities to be more efficient and eco-friendly.

(5) The Zonal Master Plan shall provide for restoration of denuded and degraded areas, conservation of existing water bodies, management of catchment areas, watershed management, groundwater management, soil and moisture conservation, needs of local community and such other aspects of the ecology and environment that need attention.

(6) The Zonal Master Plan shall demarcate all the existing worshipping places, villages and urban settlements, types and kinds of forests, agricultural areas, fertile lands, green area, such as, parks and like places, horticultural areas, orchards, lakes and other water bodies and also with supporting maps. The Plan shall be supported by Maps giving details of existing and proposed land use features.

(7) The Zonal Master Plan shall regulate development in Eco-sensitive Zone and adhere to prohibited, regulated activities listed in Table and also ensure and promote eco-friendly development for livelihood security of local communities.

(8) The Zonal Master Plan shall be co-terminus with the Regional Development Plan.

(9) The Zonal Master Plan so approved shall be the reference document for the Monitoring Committee for carrying out its functions of monitoring in accordance with the provisions of this notification.

**3. Measures to be taken by State Government.**-The State Government shall take the following measures for giving effect to the provisions of this notification, namely:-

(1) **Landuse.**-

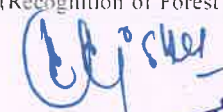
(a) Forests, horticulture areas, agricultural areas, parks and open spaces earmarked for recreational purposes in the Eco-sensitive Zone shall not be used or converted into areas for major commercial or major residential complex or industrial activities.

(b) Provided that the conversion of agricultural and other lands, for the purpose other than that specified at part (a), within the Eco-sensitive Zone may be permitted on the recommendation of the Monitoring Committee, and with the prior approval of the competent authority under Regional Town Planning Act and other rules and regulations of Central/State Government as applicable and vide provisions of this Notification, to meet the residential needs of the local residents such as:

- i. Widening and strengthening of existing roads and construction of new roads;
- ii. Construction and renovation of infrastructure and civic amenities;
- iii. Small scale industries not causing pollution;
- iv. Cottage industries including village industries: convenience stores and local amenities supporting eco-tourism including home stay; and
- v. Promoted activities and given under para 4.

(c) Provided further that no use of (a) land shall be permitted for commercial and industrial development activities without the prior approval of the competent authority under Regional Town Planning Act and other rules and regulations of State Government and without compliance of the provisions of article 244 of the Constitution or the law for the time being in force, including the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 (2 of 2007)



  
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- (d) Provided also that any error appearing in the land records within the Eco-sensitive Zone shall be corrected by the State Government, after obtaining the views of Monitoring Committee, once in each case and the correction of said error shall be intimated to the Central Government in the Ministry of Environment, Forest and Climate Change:
- (e) Provided also that the above correction of error shall not include change of land use in any case except as provided under this sub-paragraph.
- (f) Efforts shall be made to reforest the unused or unproductive agricultural areas with afforestation and habitat and biodiversity restoration activities.

(2) **Natural Springs.**- The catchment areas of all natural springs/rivers/ channels shall be identified and plans for their conservation and rejuvenation shall be incorporated in the Zonal Master Plan.

(3) **Tourism/Eco-Tourism.**- (a) All new eco-tourism activities or expansion of existing tourism activities within the Eco-Sensitive Zone shall be as per the Tourism Master Plan for the Eco-sensitive Zone.

(b) The Eco-Tourism Master Plan shall be prepared by Department of Tourism in consultation with State Departments of Environment and Forests.

(c) The Tourism Master Plan shall form a component of the Zonal Master Plan.

(d) The activities of eco-tourism shall be regulated as under, namely:-

(i) No new construction of hotels and resorts shall be allowed within 1 km from the boundary of the Wildlife Sanctuary or upto the extent of the ESZ whichever is nearer. However, beyond the distance of 1 km from the boundary of the Wildlife Sanctuary till the extent of the Eco-sensitive Zone, the establishment of new hotels and resorts shall be allowed only in pre-defined and designated areas for Eco-tourism facilities as per Tourism Master Plan.

(ii) all new tourism activities or expansion of existing tourism activities within the Eco-sensitive Zone shall be in accordance with the guidelines issued by the Central Government in the Ministry of Environment, Forest and Climate Change and the eco-tourism guidelines issued by National Tiger Conservation Authority (as amended from time to time) with emphasis on eco-tourism:

(iii) Until the Zonal Master Plan is approved, development for tourism and expansion of existing tourism activities shall be permitted by the concerned regulatory authorities based on the actual site specific scrutiny and recommendation of the Monitoring Committee and no new hotel /resort or commercial establishment construction is permitted within ESZ area.

(4) **Natural Heritage.**- All sites of valuable natural heritage in the Eco-sensitive Zone, such as the gene pool reserve areas, rock formations, waterfalls, springs, gorges, groves, caves, points, walks, rides, cliffs, etc. shall be identified and a heritage conservation plan shall be drawn up for their preservation and conservation as a part of the Zonal Master Plan.

(5) **Man-made heritage sites.**- Buildings, structures, artefacts, areas and precincts of historical, architectural, aesthetic, and cultural significance shall be indentified in the Eco-sensitive Zone and heritage conservation plan for their conservation shall be prepared as part Zonal Master Plan.

(6) **Noise pollution.**- The Environment Department of the State Government or Jharkhand State Pollution Control Board shall implement the regulations for control of noise pollution in the Eco-sensitive Zone in accordance with the provisions stipulated of The Noise Pollution (Regulation And Control) Rules, 2000 under the Environment (Protection) Act, 1986.

(7) **Air pollution.**- Prevention and control of air pollution in the Eco-sensitive Zone shall be complied with in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and rules made thereunder and amendments thereto.

(8) **Discharge of effluents.**- Discharge of treated effluent in Eco-sensitive Zone shall be in accordance with the provisions of the General Standards for Discharge of Environmental Pollutants covered under the Environmental (Protection) Act, 1986 and rules made thereunder or standards stipulated by State Government whichever is more stringent.

(9) **Solid wastes.** - Disposal and Management of solid wastes shall be as under:-

(a) the solid waste disposal and management in Eco-sensitive Zone shall be carried out in accordance with the Solid Waste Management Rules, 2016 and published by the Government of India in the Ministry of Environment, Forests and Climate Change vide notification number S.O. 1357 (E), dated 8th April, 2016 as amended from time to time: the inorganic material may be disposed in an environmental acceptable manner at site identified outside the Eco-sensitive Zone:

(b) Safe and Environmentally Sound Management (ESM) of Solid wastes in conformity with the existing rules and regulations using identified technologies may be allowed within Eco-Sensitive Zone.

(10) **Bio-medical waste.**- Bio-medical waste management shall be as under:



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(a) The bio-medical waste disposal in the Eco-sensitive Zone shall be carried out in accordance with the Bio-Medical Waste Management Rules, 2016 published by the Government of India in the Ministry of Environment, Forest and Climate Change vide Notification number GSR 343 (E), dated the 28th March, 2016 as amended from time to time.

(b) Safe and Environmentally Sound Management (ESM) of Bio-medical wastes in conformity with the existing rules and regulations using identified technologies may be allowed within Eco-Sensitive Zone.

(11) **Plastic Waste Management.**- The Plastic Waste Management in the Eco-sensitive Zone shall be carried out as per the provisions of the Plastic Waste Management Rules, 2016 published by the Government of India in the Ministry of Environment, Forest and Climate Change vide notification number G.S.R. 340(E), dated the 18th March, 2016, as amended from time to time.

(12) **Construction and Demolition Waste Management.**- The Construction and Demolition Waste Management in the Eco-sensitive Zone shall be carried out as per the provisions of the Construction and Demolition Waste Management Rules, 2016 published by the Government of India in the Ministry of Environment, Forest and Climate Change vide notification number G.S.R. 317(E), dated the 29th March, 2016, as amended from time to time.

(13) **E-waste.**- The E- Waste Management in the Eco-sensitive Zone shall be carried out as per the provisions of the E-Waste Management Rules, 2016 published by the Government of India in the Ministry of Environment, Forest and Climate Change and as amended from time to time.

(14) **Vehicular traffic.** - The vehicular movement of traffic shall be regulated in a habitat friendly manner and specific provisions in this regard shall be incorporated in the Zonal Master Plan and till such time as the Zonal Master plan is prepared and approved by the Competent Authority in the State Government, the Monitoring Committee shall monitor compliance of vehicular movement under the relevant Acts and the rules and regulations made thereunder.

(15) **Vehicular Pollution.**- Prevention and control of Vehicular Pollution shall be complied with in accordance with applicable laws. Efforts to be made for use of cleaner fuel for example CNG, LPG, etc.

(16) **Industrial Units.**- (i) On or after the publication of this notification in the Official Gazette, no new polluting industries shall be allowed to be set up within the Eco-sensitive Zone.

(ii) Only non-polluting industries shall be allowed within ESZ as per classification of Industries in the Guidelines issued by Central Pollution Control Board in February 2016, unless so specified in this notification. In addition, non-polluting cottage industries shall be promoted.

(17) **Protection of Hill Slopes:** The protection of hill slopes shall be as under:

- (a) The Zonal Master Plan shall indicate areas on hill slopes where no construction shall be permitted.
- (b) No construction on existing steep hill slopes or slopes with a high degree of erosion shall be permitted.

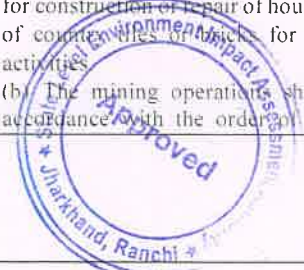
(18) The Central Government and the State Government shall specify other additional measures, if it considers necessary, in giving effect to the provisions of this notification.

**4. List of activities prohibited or to be regulated or promoted within the Eco-sensitive Zone.**- All activities in the Eco sensitive Zone shall be governed by the provisions of the Environment (Protection) Act, 1986 (29 of 1986) and the rules made there under including the Coastal Regulation Zone, 2011 and the Environmental Impact Assessment Notification, 2006 and other applicable laws including the Forest (Conservation) Act, 1980 (69 of 1980), the Indian Forest Act, 1927 (16 of 1927), the Wildlife (Protection) Act 1972 (53 of 1972), and amendments made thereto and be regulated in the manner specified in the Table below, namely:-

5.

Sl. No.	Activity	Remarks
(1)	(2)	(3)
<b>Prohibited activities</b>		
1.	Commercial Mining	(a) All new and existing (minor and major minerals), stone quarrying and crushing units are prohibited with immediate effect except for meeting the domestic needs of bona fide local residents including digging of earth for construction or repair of houses and for manufacture of concrete blocks for housing and for other activities. (b) The mining operations shall be carried out in accordance with the order of the Hon'ble Supreme

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		Court dated 4 <sup>th</sup> August, 2006 in the matter of T.N. Godavarman Thirumulpad Vs. UOI in W.P.(C) No.202 of 1995 and dated 21 <sup>st</sup> April, 2014 in the matter of Goa Foundation Vs. UOI in W.P.(C) No.435 of 2012.
2.	Setting of industries including new oil and gas exploration causing pollution (Water, Air, Soil, Noise, etc.)	No new industries and expansion of existing polluting industries in the Eco-sensitive zone shall be permitted. Only non-polluting industries shall be allowed within ESZ as per classification of Industries in the Guidelines issued by Central Pollution Control Board in February 2016, unless so specified in this notification. In addition, non-polluting cottage industries shall be promoted.
3.	Establishment of major thermal and major hydroelectric projects.	Prohibited (except as otherwise provided) as per applicable laws.
4.	Use or production or processing of any hazardous substances.	Prohibited (except as otherwise provided) as per applicable laws.
5.	Discharge of untreated effluents in natural water bodies or land area.	Prohibited (except as otherwise provided) as per applicable laws
6.	Setting of new saw mills and wood based industries.	No new or expansion of existing saw mills shall be permitted within the Eco-sensitive Zone.
7.	Commercial use of firewood.	Prohibited (except as otherwise provided) as per applicable laws.
8.	Use of plastic bags.	Prohibited (except as otherwise provided) as per applicable laws.
9.	Setting up of brick kilns.	Prohibited (except as otherwise provided) as per applicable laws
<b>Regulated activities</b>		
10.	Commercial establishment of hotels and resorts.	No new commercial hotels and resorts shall be permitted within one kilometre of the boundary of the Protected Area or upto the extent of Eco-sensitive zone, whichever is nearer, except for small temporary structures for Eco- tourism activities. Provided that, beyond one kilometre from the boundary of the protected Area or upto the extent of Eco-sensitive zone whichever is nearer, all new tourist activities or expansion of existing activities shall be in conformity with the Tourism Master Plan and guidelines as applicable.



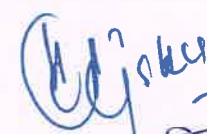
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11.	Construction activities	<p>(a) No new commercial construction of any kind shall be permitted within one Kilometre from the boundary of the Protected Area or upto extent of the Eco-sensitive Zone whichever is nearer:</p> <p>Provided that, local people shall be permitted to undertake construction in their land for their use including the activities listed in sub paragraph (1) of paragraph 3 as per building byelaws to meet the residential needs of the local residents such as:</p> <p>(i) Widening and strengthening of existing roads and construction of new roads;</p> <p>(ii) Construction and renovation of infrastructure and civic amenities;</p> <p>(iii) Small scale industries not causing pollution termed as per Classification done by Central Pollution Control Board of February 2016;</p> <p>(iv) Cottage industries including village industries: convenience stores and local amenities supporting eco-tourism including home stays; and</p> <p>(v) Promoted activities listed in this Notification.</p>
		<p>(b) Provided that the construction activity related to small scale industries not causing pollution shall be regulated and kept at the minimum, with the prior permission from the competent authority as per applicable rules and regulations, if any.</p> <p>(c) Beyond one kilometre it shall be regulated as per the Zonal Master Plan.</p>
12.	Ongoing agriculture and horticulture practices by local communities along with dairies, dairy farming, aquaculture and fisheries.	Permitted under applicable laws for use of locals.
13.	Establishment of large scale commercial livestock and poultry farms by firms, corporate, companies.	Regulated under applicable laws.
14.	Small scale non polluting industries.	Non polluting industries as per classification of industries issued by the Central Pollution Control Board in February 2016 and non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous materials from the Eco-sensitive Zone shall be permitted by the competent Authority.
15.	Felling of Trees	<p>(a) There shall be no felling of trees on the forest or Government or revenue or private lands without prior permission of the competent authority in the State Government.</p> <p>(b) The felling of trees shall be regulated in accordance with the provisions of the concerned Central or State Act and the rules made thereunder.</p>
16.	Collection of Forest produce or Non-Timber Forest Produce (NTFP).	Regulated under applicable laws.
17.	Erection of electrical and communication towers and laying of cables and other infrastructures.	Regulated under applicable laws. Underground cabling may be promoted.
18.	Infrastructure amenities.	Shall be done with mitigation measures, as per applicable laws, rules and regulation and available guidelines.



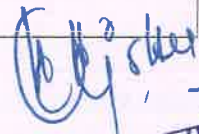
  
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19.	Widening and strengthening of existing roads and construction of new roads.	Shall be done with mitigation measures, as per applicable laws, rules and regulation and available guidelines.
20.	Under taking other activities related to tourism like over flying the ESZ area by hot air balloon, helicopter, drones, Microlites, etc.	Regulated under applicable laws.
21.	Protection of Hill Slopes and river banks.	Regulated under applicable laws.
22.	Movement of vehicular traffic at night.	Regulated for commercial purpose under applicable laws.
23.	Discharge of treated waste water/effluents in natural water bodies or land area.	The discharge of treated waste water/effluents shall be avoided to enter into the water bodies. Efforts to be made for recycle and reuse of treated waste water. Otherwise the discharge of treated waste water/effluent shall be regulated as per applicable laws.
24.	Commercial use and extraction of surface and ground water.	Regulated under applicable laws.
25.	Open Well, Bore Well etc. for agriculture or other usage	Regulated and the activity should be strictly monitored by the appropriate authority.
26.	Solid Waste Management /Bio-medical Waste Management	Regulated under applicable laws
27.	Introduction of Exotic species.	Regulated under applicable laws.
28.	Use of Commercial Sign boards and hoardings.	Regulated under applicable laws.
29.	Eco-tourism	Regulated under applicable laws
<b>Promoted activities</b>		
30.	Organic farming.	Shall be actively promoted.
31.	Adoption of green technology for all activities.	Shall be actively promoted.
32.	Rain water harvesting.	Shall be actively promoted.
33.	Cottage industries including village artisans.	Shall be actively promoted.
34.	Use of renewable energy and fuels.	Bio gas, solar light etc. to be actively promoted
35.	Agro Forestry.	Shall be actively promoted.
36.	Plantation of Horticulture and Herbals	Shall be actively promoted
37.	Use of eco-friendly transport	Shall be actively promoted.
38.	Skill Development	Shall be actively promoted.
39.	Restoration of Degraded Land/ Forests/ Habitat.	Shall be actively promoted.
40.	Environmental Awareness	Shall be actively promoted.



  
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6. **Monitoring Committee.-** In exercise of the powers conferred by sub-section (3) of section 3 (1) of the Environment (Protection) Act, 1986 (29 of 1986), the Central Government hereby constitutes the first Monitoring Committee, for effective monitoring of the Eco- Sensitive Zone, which shall comprise of, namely:-

- i. Commissioner, Santhal Pargana Division, Dumak- Chairperson:
- ii. Representative of State Pollution Control Board- -Member:
- iii. One representative of non-Governmental Organisation (working in the field of environment including heritage conservation) to be nominated by the State Government - Member:
- iv. A representative nominated by the Forest & Environment Department of Jharkhand -Member:
- v. An expert in Biodiversity to be nominated by the State Government -Member:
- vi. An expert in Ecology and environment to be nominated by the State Government - Member:
- vii. In-charge Protected Area -Member Secretary.

7. **Terms of Reference.-**

- (1) The Monitoring Committee shall monitor the compliance of the provisions of this Notification.
- (2) The tenure of the Monitoring committee shall be for three years or till the re-constitution of the new Committee by the State Government and subsequently the Monitoring Committee would be constituted by the State Government.
- (3) The Monitoring Committee shall not allow the activities that are covered in the Schedule to the notifications of the Government of India in the erstwhile Ministry of Environment and Forests namely Environmental Impact Assessment, 2006 vide S.O. 1533 (E), dated the 14th September, 2006, and Coastal Regulation Zone, 2011 vide S.O. No. 19(E) dated 6th January, 2011 and subsequent amendments therein, and are falling in the Eco-sensitive Zone, including the prohibited activities as specified in the Table under paragraph 4 thereof. Only white categories of industries shall be considered as specified in the guidelines issued by the CPCB for "classification of Industries, 2016".
- (4) The activities that are not covered in the Schedule to 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 and S.O. 19 (E) dated 6th January, 2011 and are falling in the Eco-sensitive Zone, except for the prohibited activities as specified in the Table under paragraph 4 thereof, shall be scrutinised by the Monitoring Committee based on the actual site-specific conditions and referred to the concerned Regulatory Authorities.
- (5) The Member Secretary of the Monitoring Committee or the concerned Commissioner shall be competent to file complaints under section 19 of the Environment (Protection) Act, 1986 (29 of 1986) against any person who contravenes the provisions of this notification.
- (6) The Monitoring Committee may invite representatives or experts from concerned Departments, representatives from Industry Associations or concerned stakeholders to assist in its deliberations depending on the requirements on issue to issue basis.
- (7) The Monitoring Committee shall submit the annual action taken report of its activities as on 31<sup>st</sup> March of every year by 30<sup>th</sup> June of that year to the Chief Wild Life Warden of the State under intimation to this Ministry as per proforma appended at Annexure IV.
- (8) The Central Government in the Ministry of Environment, Forest and Climate Change may give such directions, as it deems fit, to the Monitoring Committee for effective discharge of its functions.
8. The Central Government and State Government may specify additional measures, if any, for giving effect to provisions of this notification.
9. The provisions of this notification shall be subject to the orders, if any, passed, or to be passed, by the Hon'ble Supreme Court of India or the High Court or National Green Tribunal.



  
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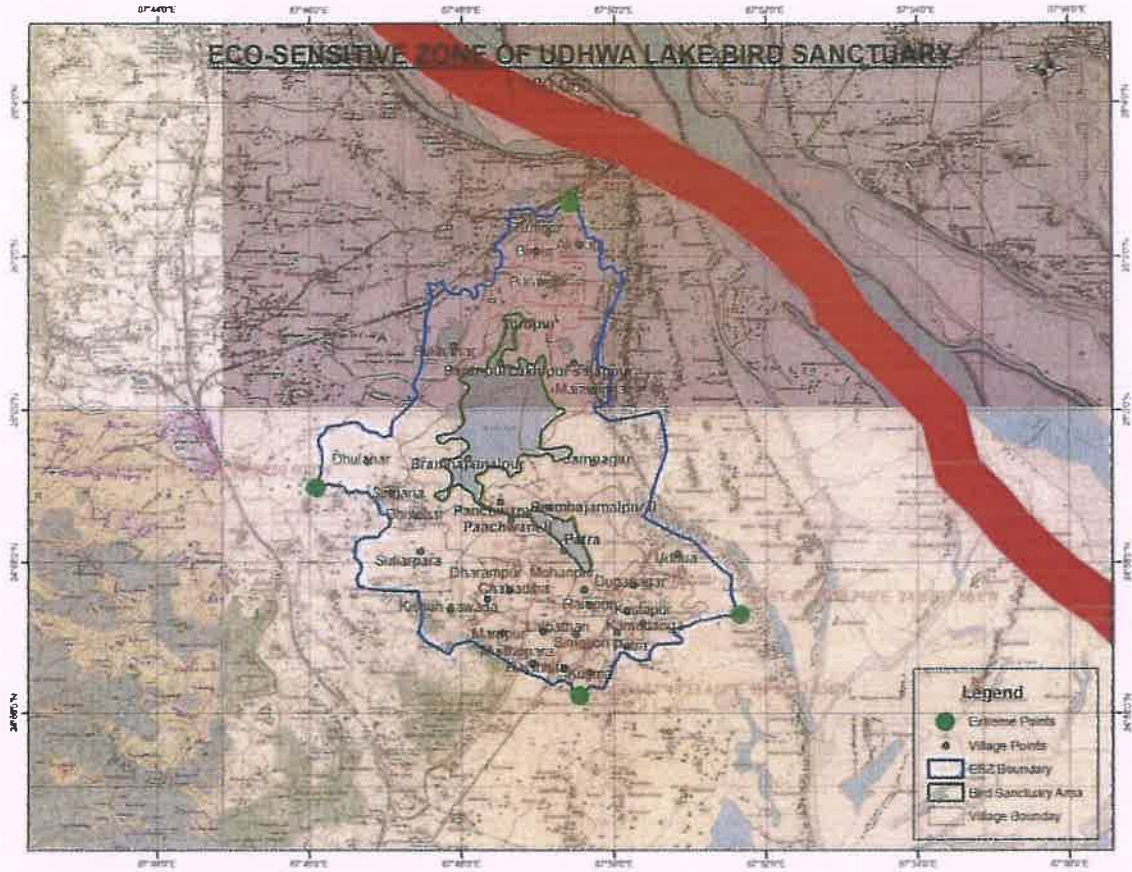
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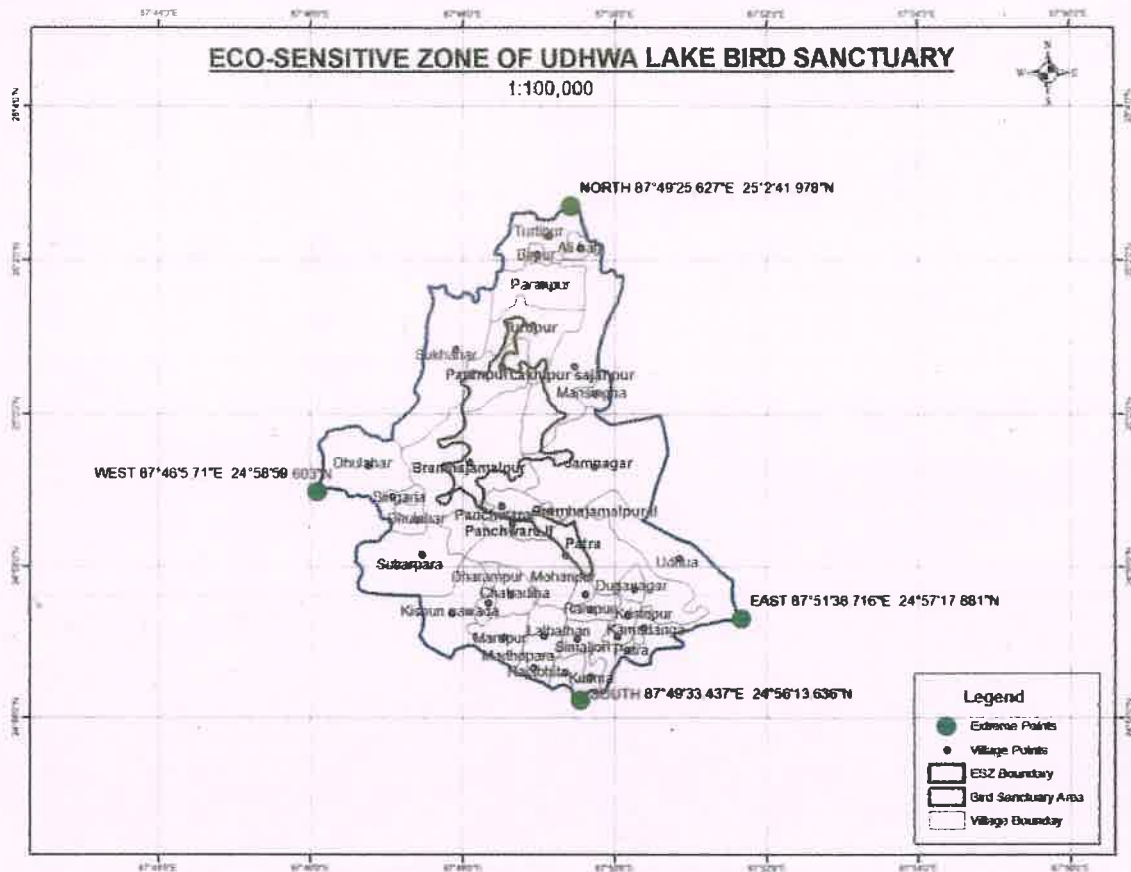


Map of Udhwa Lake Bird Sanctuary, Jharkhand along with Eco-Sensitive Zone



*(Signature)*  
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**Geo Co-ordinates of boundary of Udhwa Lake Bird Sanctuary, Jharkhand**

**Geo Co-ordinates marked on the PA Boundary of Udhwa Bird Lake Sanctuary**

Points	Longitude (E)	Latitude (N)
P-1	87°48'34"	25°1'12"
P-2	87°48'40"	25°0'48"
P-3	87°48'52"	25°0'38"
P-4	87°49'7"	25°0'14"
P-5	87°49'3"	24°59'39"
P-6	87°49'12"	24°59'21"
P-7	87°48'43"	24°59'11"
P-8	87°48'15"	24°59'1"
P-9	87°48'54"	24°58'39"
P-10	87°49'30"	24°58'27"
P-11	87°49'33"	24°57'56"
P-12	87°48'56"	24°58'33"
P-13	87°48'5"	24°58'57"
P-14	87°47'51"	24°58'60"
P-15	87°48'5"	24°59'34"
P-16	87°47'56"	24°59'43"
P-17	87°48'3"	25°0'28"
P-18	87°48'36"	25°1'2"

**Boundaries of the ESZ around Udhwa Lake Bird Sanctuary**

**North:-** Northern part of Tutigur and Northern-East part of Alibag Revenue Villages.

**East:-** Eastern part of Sahibganj, Manseema, Jamnagar, and Udhwa Revenue Villages.

**South:-** Southern part of Patra, Kusma, Kamalanga, Madhopara and Marupur Revenue Villages.



Handwritten signature and official stamp of the District Surveyor, Sahibganj. The stamp includes the name 'खनन पदाधिकारी' (District Surveyor) and 'साहिबगंज' (Sahibganj).

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*West:- Western part of Kishun Nawada, Sutiarpura, Singaria, Dhulahar, Sukhanar and Parampur Revenue Villages.*

**Geo-coordinates of Eco-sensitive Zone Boundary of Udhwa Lake Bird Sanctuary, Jharkhand**

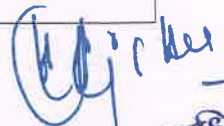
Geo Co-ordinates marked on the ESZ Boundary of Udhwa Bird Lake Wildlife Sanctuary

Points	Longitude (E)	Latitude (N)
P-1	87°47'35"	25°1'39"
P-2	87°48'12"	25°1'36"
P-3	87°48'28"	25°2'11"
P-4	87°49'12"	25°2'32"
P-5	87°49'45"	25°2'15"
P-6	87°50'6"	25°1'47"
P-7	87°49'57"	25°0'31"
P-8	87°50'28"	24°59'57"
P-9	87°50'40"	24°58'27"
P-10	87°51'13"	24°57'15"
P-11	87°50'28"	24°56'43"
P-12	87°49'39"	24°56'19"
P-13	87°48'38"	24°56'39"
P-14	87°47'27"	24°57'4"
P-15	87°46'37"	24°58'3"
P-16	87°46'47"	24°58'55"
P-17	87°46'10"	24°59'30"
P-18	87°47'4"	24°59'40"
P-19	87°47'37"	25°1'29"

**List of villages within the Eco Sensitive Zone of Udhwa Lake Bird Sanctuary**

Sl. No.	Name of Village	Admm. Block	GPS co-ordinates
1	2	3	11
1	Ali bag	Rajmahal	25.0362 N, 87.8252 E
2	Birpur	Rajmahal	25.0345 N, 87.8165 E
3	Dhulahar	Rajmahal	24.9772 N, 87.7886 E
4	Mansingha	Rajmahal	25.0046 N, 87.8293 E
5	Sukhahar	Rajmahal	25.0116 N, 87.7964 E
6	Turtipur	Rajmahal	25.0384 N, 87.8167 E
7	Chamudanga	Udhwa	24.9516 N, 87.8341 E
8	Chatrodiha	Udhwa	24.9609 N, 87.8110 E
9	Dharampur	Udhwa	24.9607 N, 87.8054 E
10	Duganagar	Udhwa	24.9625 N, 87.8372 E
11	Kamudanga	Udhwa	24.9536 N, 87.8396 E
12	Kishun nawada	Udhwa	24.9569 N, 87.7980 E
13	Kristopur	Udhwa	24.9563 N, 87.8358 E
14	Kusma	Udhwa	24.9422 N, 87.8278 E



  
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15	Lalbathan	Udhwa	24.9526 N. 87.8181 E
16	Madhopara	Udhwa	24.9446 N. 87.8160 E
17	Marupur	Udhwa	24.9510 N. 87.8086 E
18	Mohanpur	Udhwa	24.9610 N. 87.8262 E
19	Rajabhita	Udhwa	24.9438 N. 87.8229 E
20	Rampur	Udhwa	24.9575 N. 87.8287 E
21	Simaljori	Udhwa	24.9512 N. 87.8263 E
22	Singaria	Udhwa	24.9810 N. 87.7862 E
23	Sutiarpara	Udhwa	24.9673 N. 87.7883 E
24	Udhwa	Udhwa	24.9676 N. 87.8456 E

**List of Enclaved Villages:**

Sl. No.	Name of Village	Admm Block	GPS co-ordinets
1	2	3	11
1	Pataura	Udhwa	24.9667 N. 87.8269 E
2	Panchwara	Udhwa	24.9763 N. 87.8140 E
3	Brahmajamalpur II	Udhwa	24.9786 N. 87.8191 E
4	Jamnagar	Rajmahal	24.9892 N. 87.8302 E
5	Lakhipur Sajanpur	Rajmahal	25.0119 N. 87.8240 E
6	Brahmajamalpur	Rajmahal	24.9605 N. 87.8021 E
7	Paranpur	Rajmahal	25.0085 N. 87.8074 E

**Performa of Action Taken Report: - Eco-sensitive Zone Monitoring Committee.-**

1. Number and date of meetings.
2. Minutes of the meetings: mention main noteworthy points. Attach minutes of the meeting as separate Annexure.
3. Status of preparation of Zonal Master Plan including Tourism Master Plan.
4. Summary of cases dealt for rectification of error apparent on face of land record (Eco-sensitive Zone wise). [Details may be attached as Annexure]
5. Summary of cases scrutinised for activities covered under the Environment Impact Assessment notification, 2006. [Details may be attached as separate Annexure]
6. Summary of cases scrutinised for activities not covered under the Environment Impact Assessment notification, 2006. [Details may be attached as separate Annexure]
7. Summary of complaints lodged under section 19 of the Environment (Protection) Act, 1986;
8. Any other matter of importance.



  
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## 21. IMPACT ON THE ENVIRONMENT DUE TO MINING

### ENVIRONMENTAL IMPACTS:

Population growth, economic development and environmental degradation are interlinked with each other. Similarly, mining activities have considerable impacts on environment. The most important environmental problems from the mining activities are mercury pollution, cyanide pollution, direct dumping of tailing and affluent into river. These environmental problems from mining activities are the global phenomena. In the study area, stone mining activities have very adverse impact on the environment. It does not only degrade the land and forest areas but also, it affects the air, water and health qualities. Faunal and floral depletion, due to mining activities, is also enormous. Environmental impacts due to mining activities was manifested as water pollution, land degradation, loss of biodiversity, air pollution, increase in health related problems, occupational noise pollution, vibrations, land subsidence and landslides.

### LAND DEGRADATION:

Land degradation is one of the significant impacts arising out of mining and quarrying activity which is mainly in the form of alternation of land structure due to excavation, stacking of top soil and loss of land due to dumping of mine waste and overburden soil. Stone and sand quarrying causes damage to property, depletion of ground water, loss of fertile top soil, degradation of forest land, adverse effect on the biodiversity and public health. The impacts include soil, water, air, vegetation, landscape and the effects can be of different entity, depending on several factors. A number of effects on the environment must be considered, such as noise and vibration, dust traffic, and so on. In the area involved in the quarry the vegetation coverage and the soil are replaced by wide holes surrounded by some big accumulations of waste materials. In this way a sort of accelerated erosion can start whose consequences are not only the quick degradation of the landscape, but also the introduction in the natural cycle of harmful substances causing pollution to the surface waters and to the aquifer.

### FOREST DEPLETION AND LOSS OF BIODIVERSITY:

Mining and quarrying, either open cast or underground, destroys landscape and forest ecosystems. The waste materials that remain after the extraction of usable ores are dumped on the surrounding land, thus causing loss of top soil, nutrients and supportive micro flora and vegetation. Decrease in biodiversity – floral and faunal is also prominent as many species are endangered or on the verge of extinction. One of the biggest negative impacts of quarrying on the environment is the damage to biodiversity. Biodiversity essentially refers to the range of living species, including fish, insects, invertebrates, reptiles, birds, mammals, plants, fungi and even micro-organisms. Biodiversity conservation is important as all species are interlinked, even if this is not immediately visible or even known, and our survival depends on this fine balance that exists within nature. Quarrying carries the potential of destroying habitats and the species they support. Even if the habitats are not directly removed by excavation they can be indirectly affected and damaged by environmental impacts – such as changes to ground water or surface water that causes some habitats to dry out or others to become flooded.

### AIR AND NOISE POLLUTION:

Air pollution, due to dust from the mines, is a common environmental problem in mines and carries especially open cast operations. The villages located in the vicinity of mines are suffering from air pollution. Many people are suffering from asthmatic and lungs problems. Since the industrial revolution, air pollution has had a deep impact on human health, ecosystems, and stone materials. It is primarily caused by anthropic activities, particularly combustion processes involving fossil fuels and wood, which release various inorganic and organic gaseous and solid compounds into the air. It is widely acknowledged that the primary compounds that negatively affect the integrity of stone materials are the oxides that can react

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with water, leading to acid formation: carbon dioxide (CO<sub>2</sub>), nitrogen oxides (NO<sub>2</sub>), and sulfur oxides (SO<sub>2</sub>). These acids react with stone, especially carbonate-based materials such as marbles and limestones, resulting in deterioration.

Ground vibration and noise occur as a result of blasting. Blasting is the loading of explosives into drilled holes using detonating technique to achieve the desired fragmentation of the rock. Noise can interfere with human wellbeing such as hearing, sleep and speech and can cause stress-related diseases such as hypertension. The blasting of rocks in the study area has also caused some buildings to crack.

#### SURFACE AND GROUND WATER POLLUTION:

Water pollution is a major concern in mining operations, where ore is being processed in slurry form to enrich the low quality ore. Water is used in a lot of phases of the mining activity such as cutting, washing, separating out of stone and mud, transporter dust controlling system. This naturally involves water pollution due to the transport of suspended solid particles, involving both surface and ground waters. Concerning the surface waters, the impact is mainly caused by the introduction inside the drainage net of the waste products coming from the stone production the increasing the water turbidity and compromise the water net, moreover, the vegetation reduction due to the removal of the ground coverage provokes the increasing in the speed of surface slide.

#### SOIL CONTAMINATION:

Soil contamination around the quarrying site is mainly caused by oil spills by trucks and machinery used to extract sand. Thus, stone and sand quarrying also causes serious disturbance to soil, severe soil erosion, and loss of topsoil and removal of top cover. Soil in that area might get compacted because of the transportation of machines and materials.

#### IMPACT ON ECOLOGY AND AGRICULTURE:

Physiological disorders are largely the results of unfavorable environment with a negative impact on plant growth even though they are not infectious. Physiological or non-pathogenic disorders of crop plants are mainly caused by changing environmental conditions such as temperature, moisture, unbalanced soil nutrients, inadequate or excess of certain soil minerals, extremes of soil pH and poor drainage.

#### FLORA AND FAUNA:

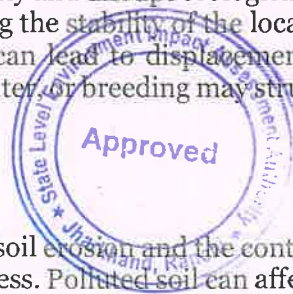
Stone mining, like many other forms of resource extraction, can have significant impacts on flora and fauna. Here's a summary of some of the main effects:

##### 1. Habitat Destruction

- **Flora:** Mining activities often require clearing large areas of vegetation. This loss of habitat can lead to a decline in plant species diversity and disrupt ecological processes. Important plant species may be completely eradicated, affecting the stability of the local ecosystem.
- **Fauna:** The destruction of habitats can lead to displacement of wildlife. Animals that rely on specific plants or habitats for food, shelter, or breeding may struggle to survive if their environment is altered or destroyed.

##### 2. Soil and Water Pollution

- **Flora:** Mining operations can lead to soil erosion and the contamination of soil with heavy metals and chemicals used in the mining process. Polluted soil can affect plant growth and may lead to the death of sensitive plant species.



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- **Fauna:** Polluted water sources can harm aquatic life, including fish and amphibians. Contaminants can enter the food chain, affecting not only aquatic species but also terrestrial animals that rely on these water sources.

### 3. Altered Ecosystems

- **Flora:** The introduction of mining operations can change the structure of local ecosystems. For example, changes in soil composition and drainage patterns can affect which plant species are able to thrive in the area.
- **Fauna:** Changes in the ecosystem can affect animal populations. Predators and prey relationships may be disrupted, and invasive species may take hold, further altering the balance of the ecosystem.

### 4. Noise and Dust Pollution

- **Flora:** Increased dust from mining operations can cover plant leaves, reducing photosynthesis and potentially leading to plant stress or death.
- **Fauna:** Noise pollution can disturb wildlife, leading to changes in behavior, stress, and sometimes abandonment of the area. Birds and other animals that rely on sound for communication may be particularly affected.

### 5. Fragmentation of Habitat

- **Flora:** Mining can create fragmented habitats, which can isolate plant populations and reduce genetic diversity. Small, isolated populations may be more vulnerable to extinction.
- **Fauna:** Fragmentation can lead to smaller, disconnected patches of habitat. This can make it difficult for animals to find mates, food, or migrate, leading to reduced populations and increased risk of extinction.

### 6. Climate Effects

- **Flora:** Mining activities can contribute to climate change through the release of greenhouse gases. Changes in climate can alter growing conditions for plants and lead to shifts in vegetation zones.
- **Fauna:** Climate change can affect animal migration patterns, breeding cycles, and food availability. Species that cannot adapt quickly enough may face extinction.

### Mitigation Measures

To reduce these impacts, mining operations can implement various mitigation strategies, such as:

- **Rehabilitation and Reclamation:** Restoring mined areas to their original state or creating new habitats.
- **Environmental Impact Assessments (EIAs):** Conducting thorough assessments before starting mining projects to understand and plan for potential impacts.
- **Best Practices:** Using techniques to minimize dust, manage waste, and reduce pollution.



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**AMBIENT AIR QUALITY**

IMPACT	MITIGATION MEASURES
<p>Typical impact on Air Quality due to mining activities are;</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Dust Generation due to                             <ul style="list-style-type: none"> <li>✓ Site Preparation</li> <li>✓ Drilling</li> <li>✓ Blasting</li> <li>✓ Crushing</li> <li>✓ Transportation on haul road or unpaved road</li> </ul> </li> <li><input type="checkbox"/> Emission of Noxious Gases                             <ul style="list-style-type: none"> <li>✓ Operation of mining equipment</li> <li>✓ Blasting</li> <li>✓ Transportation</li> </ul> </li> </ul>	<p>To mitigate the impact some suggestive measures are;</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Dust Generation                             <ul style="list-style-type: none"> <li>✓ Adopt a wet drilling system this will minimize dust generation during drilling process .</li> <li>✓ Practice controlled blasting to minimize generation of dust.</li> <li>✓ Regular water sprinkling on haul road.</li> <li>✓ Install wet dust suppression system in crushing and screening plant.</li> <li>✓ Regular water sprinkling on unpaved roads.</li> <li>✓ Dust generation from road also depends on speed of transport vehicles. There should be speed restriction of 20 KMPH on unpaved road</li> </ul> </li> <li><input type="checkbox"/> Emission of Noxious Gases                             <ul style="list-style-type: none"> <li>✓ Use of optimal quantity of explosive in blasting.</li> <li>✓ To ensure that transportation vehicles have "Pollution Under Control Certificate".</li> <li>✓ Regular repair and maintenance of mining equipment &amp; transportation vehicle.</li> <li>✓ Proper repair and maintenance of road.</li> </ul> </li> <li>❖ Raise Green Belt in safety zone.</li> <li>❖ Avenue plantation along a both sides of Link Road</li> </ul>



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<b>WATER QUALITY</b>	
<b>IMPACT</b>	<b>MITIGATION MEASURES</b>
<p>Typical impact on Water Quality due to mining activities are;</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Run-off of sediments due to                             <ul style="list-style-type: none"> <li>✓ Site Preparation</li> <li>✓ Dumping of OB</li> <li>✓ Crushing</li> <li>✓ Drilling</li> </ul> </li> <li><input type="checkbox"/> Contamination of oil or chemical in water (surface &amp; ground water) due to                             <ul style="list-style-type: none"> <li>✓ Dumping of OB</li> <li>✓ Drilling</li> <li>✓ Blasting</li> <li>✓ Spills due to transportation</li> </ul> </li> </ul>	<p>To mitigate the impact some suggestive measures are;</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Run-off                             <ul style="list-style-type: none"> <li>✓ Provide garland drains around quarry to intercept surface run-off from high elevation to quarry and divert it to collection cum desilting pond.</li> <li>✓ Provide foot drain along toe of external dump. Foot drain will collect run-off from external dump and divert to storage cum desilting pond for proper treatment</li> </ul> </li> <li><input type="checkbox"/> Water Contamination                             <ul style="list-style-type: none"> <li>✓ Water pump out from quarry will need to be diverted to storage cum desilting pond for treatment.</li> <li>✓ Proposed effluent treatment plant (ETP).</li> <li>✓ Regular repair &amp; maintenance of equipment &amp; vehicles.</li> <li>✓ Movement of heavy vehicles may be restricted to lease area and road so that leaking oil &amp; grease may not contaminate water quality.</li> </ul> </li> <li><input type="checkbox"/> PROMOTE ZERO LIQUID DISCHARGE (ZLD).</li> </ul>



  
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NOISE LEVEL	
IMPACT	MITIGATION MEASURES
Increase in noise level due to various mining activities such as operation of mining equipment, movement of vehicles, drilling, blasting & crushing.	<p>To mitigate the impact some suggestive measures are;</p> <ul style="list-style-type: none"><li>✓ Mining operation to be confined to day shift only</li><li>✓ At machineries to be repaired and maintained regularly.</li><li>✓ Raise Green Belt in safety zone.</li><li>✓ Avenue plantation along a both sides of Link Road</li><li>✓ Regular repair and maintenance of mining equipment &amp; transportation vehicle.</li><li>✓ Proper repair and maintenance of road.</li><li>✓ Speed restriction of 20 KMPH on unpaved road.</li><li>✓ Acoustic Barrier along the periphery of mining lease at critical points.</li></ul>



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SOIL QUALITY	
IMPACT	MITIGATION MEASURES
<p>Mining Activities are likely to impact on soil quality as;</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Loss of topsoil</li> <li><input type="checkbox"/> Productivity of Soil</li> <li><input type="checkbox"/> Contamination of oil or chemical in Soil</li> </ul>	<p>To mitigate the impact some suggestive measures are;</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Loss of topsoil                             <ul style="list-style-type: none"> <li>✓ Topsoil are to be removed &amp; stored in an identified area. In order to conserve the quality of topsoil, grass cover are to be developed on topsoil dumps, Such conserved topsoil may be used for land reclamation &amp; development of greenbelt.</li> </ul> </li> <li><input type="checkbox"/> Productivity of Soil                             <ul style="list-style-type: none"> <li>✓ Movement of heavy mining machineries on agriculture land and productive land should be restricted.</li> </ul> </li> <li><input type="checkbox"/> Contamination of oil or chemical in Soil                             <ul style="list-style-type: none"> <li>✓ Movement of heavy vehicles may be restricted to lease area and road so that leaking oil &amp; grease may not contaminate soil quality.</li> </ul> </li> </ul>



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<b>BIO-DIVERSITY</b>	
<b>IMPACT</b>	<b>MITIGATION MEASURES</b>
<p>Mining Activities are likely to impact on Bio-Diversity of the region as;</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Habitat Destruction</li> <li><input type="checkbox"/> Ecosystem Disruption</li> <li><input type="checkbox"/> Damaging</li> </ul>	<p>Considering importance of impact of environmental impact on eco-system in the study area, a series of mitigation measures are incorporated in planning of stone mine &amp; its operation such mitigation measures are given below;</p> <ul style="list-style-type: none"> <li>✓ Mine site are selected considering siting criteria prescribed by Government (JSEIAA / JSPCB / MOEF &amp; CC).</li> <li>✓ Avoid site which have tree cover.</li> <li>✓ Avoid site through which drainage channels passes through.</li> <li>✓ <b>Ecological Assessment:</b> Conduct a thorough ecological survey to identify species and habitats present.</li> <li>✓ <b>Buffer Zones:</b> Establish buffer zones around sensitive habitats to minimize disturbance.</li> <li>✓ <b>Minimize Habitat Destruction:</b> Plan site layout to avoid key habitats and minimize vegetation clearing.</li> <li>✓ <b>Translocation:</b> Consider translocating significant flora and fauna to safe areas.</li> <li>✓ <b>Restoration Plans:</b> Develop a habitat restoration plan for post-mining activities.</li> <li>✓ <b>Wildlife Corridors:</b> Ensure wildlife corridors are maintained to facilitate animal movement. If a wildlife corridor passes through or around a mining lease area, a Wildlife Conservation Plan will be prepared. These measures help protect biodiversity and mitigate the environmental impact of stone mining.</li> </ul>



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## 22. REMEDIAL MEASURES TO MITIGATE THE IMPACT OF MINING ON THE ENVIRONMENT

Restoration of mined areas by re-vegetating, them with appropriate plant species, stabilization of the mined lands, gradual restoration of flora, prevention of toxic drainage discharge and conforming to the standards of air emissions are essential for minimizing environmental impacts of mining.

- Plan the mining layout so as to have the least requirement of the forest land and take necessary steps for reclamation of the mined out land so that the forest land taken for the mining purposes can be brought back to forest use.
- Cut the trees to the minimum possible extent and to preserve the flora it would be appropriate to uproot the trees and plants and then establish them at suitable locations, may be in the areas for compensatory afforestation.
- Surface layout of the mining complexes be designed to have the least impacts on the ecology of the area.
- The noise and vibration producing activities in the mines and the associated activities be planned to have the minimum possible intensity and impact on the wild life in the surrounding area.
- Generation of dust in the removal of the vegetation and soils can be minimized by maintaining adequate moisture in the soil. This can also be expected to improve the efficiency of these operations as in dusty atmosphere the efficiency decreases.
- Water spraying at the transfer points tends to reduce air pollution.
- The locations of the residential locations should be planned such that they are on the up wind side of the mines and plants so that for most of times the atmospheric pollutants are taken away rather than being brought towards these locations.
- As the mining activity is restricted to core zone, no significant impact on the flora of the buffer zone due to the proposed mining of stone is anticipated.

Extensive plantation comprising of pollutant resistant trees will be undertaken, which will serve not only as pollution sink but also as a noise barrier. It is proposed to include *Azadirachta indica*, and *Ficus religiosa* in the plantation program as they serve as sinks for gaseous emissions.

The impact on the fauna of the buffer zone due to the mining activity will be insignificant. The proposed progressive plantation over a period of time will reduce the impact, if any, on the fauna.



  
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## 23. RECLAMATION OF MINED-OUT AREA

Necessity of Reclamation & Rehabilitation:

- Exponential growth in mineral production since 1980.
- Mining activities causes physical, chemical, biological and socio-economic changes in the area.
- Surface mining activities disturb the original land profile.
- In India, mineral production comes mostly from opencast mines & hence Land degradation problems is of serious concern.
- An intricate, in-depth and site-specified techniques involving integrated approach is necessary.

Reclamation has three vital roles:

**i. Reclamation** – Reclamation means return the mined-out land with useful life. It implies restoring the land to a form and productivity that is useful and unconflicting with a prior land use. Reclamation always may not be a single phase operation.

**ii. Rehabilitation** – Rehabilitation is to bring back the degraded land to a normal stage by a special treatment. It is a process of taking some mitigation measures for disturbed environmental condition created through mining activities.

**iii. Restoration** – Restoration is the process of returning the mined out land being fit to an acceptable environmental condition. However, the general acceptable meaning of the term is bringing the disturbed land to its original form. Restoration is often used to indicate that biological properties of soil are put back to what they were. This is a rare phenomenon.

When active mining ceases, mine facilities and the site are reclaimed and closed. The goal of mine site reclamation and closure should always be to return the site to a condition that most resembles the pre-mining condition. Mines that are notorious for their immense impact on the environment often made impacts only during the closure phase, when active mining operations ceased. These impacts can persist for decades and even centuries.


Mine reclamation and closure plans must describe in sufficient detail how the mining company will restore the site to a condition that most resembles pre-mining environmental quality; how it will prevent – in perpetuity – the release of toxic contaminants from various mine facilities (such as abandoned open pits and tailings impoundments); and how funds will be set aside to insure that the costs of reclamation and closure will be paid for.

Proposed future land use after reclamation:

- a. Forestry,
- b. Recreation,
- c. Water Reservoir,
- d. Crop Land,
- e. Residential/Commercial,
- f. Fish & wildlife Habitat,
- g. Undeveloped Land,
- h. Grazing/Pasture Land

Statutory requirement:



  
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As per the Mineral Conservation Development Rule, 2017, the following rules must be bare in mind by the mine owner/agent/manager, which is a part of reclamation activities –

Rule 22, Mine Closure Plan

Rule 23, Submission of Progressive Mine Closure Plan

Rule 24, Submission of Final Mine Closure Plan

Rule 26, Responsibility of holder of mining lease

Rule 27, Financial Assurance

Rule 35, Sustainable Mining



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## 24. RISK ASSESSMENT & DISASTER MANAGEMENT PLAN

### VULNERABILITY OF THE STATE:

Almost all the 24 districts are affected by different kind of Disaster. There is great need to strengthen the capacity of State, District, Block and newly formed Panchayat level of departments, institutions and functionaries to respond to the Disaster at their own level in participation of community. Jharkhand is vulnerable to following kind of Hazards:-

1. Drought
2. Flood
3. Earthquake
4. Fire/Forest Fire
5. Lightning
6. Mining Accidents (mine blasting)
7. Climate Change & Biodiversity loss

### 1. Drought

#### Impact Of Drought

Low productivity, low water levels in ground water and surface reservoirs, lakes and ponds, reduced flows in springs, streams and rivers, loss of forest cover, migration of wildlife and sharpening man-animal conflicts and general stress on biodiversity. Reduced stream flow and loss of wetlands may affect levels of salinity. Increased groundwater depletion rates, and reduced recharge may damage aquifers and adversely affect the quality of water (e.g., salt concentration, acidity, dissolved oxygen, turbidity) which in turn may lead to a permanent loss of biological productivity of soils.

#### Drought Mitigation

- Rainwater harvesting: In stone mines, rainwater can be harvested from roofs of the office or even open areas. This water can then be stored in tanks or reservoirs for various purposes such as dust suppression, processing, or reclamation activities during dry periods.
- Construction of Garland: In stone mines, garlands can be constructed using locally available materials like stones & gravel. They are placed strategically to slow down runoff and enhance water absorption into the soil. This method helps in stabilizing slopes, reducing erosion, and improving groundwater recharge.
- Plantation: In stone mines, planting suitable vegetation helps in sustainable water management, improving soil structure, reducing erosion, and enhancing biodiversity. Native plants are preferred as they are adapted to the local climate and soil conditions. Trees and shrubs can also help in reducing wind erosion and creating microclimates that support other flora and fauna.
- Contour trenching: Trenches are dug along the contour lines of the landscape. This method slows down rainwater runoff, allowing it to infiltrate into the ground rather than flow away quickly. It's effective in conserving water and improving soil moisture retention.



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## 2. Flood

### Impact Of Flood

The impact of a flood near a stone mine can be significant and can affect both the mine operations and the surrounding environment in various ways:

- **Safety Concerns:** Floodwaters can pose immediate safety risks to mine workers and nearby communities. Rapidly rising water levels can inundate mine shafts, tunnels, and surface facilities, leading to potential trapping of personnel and equipment.
- **Infrastructure Damage:** Floodwaters can damage infrastructure such as roads, bridges, processing plants, and equipment within the stone mine. This damage may disrupt operations and require extensive repairs before mining activities can resume.
- **Environmental Impact:** Floods can lead to erosion and sedimentation in and around the mine area. Sediment runoff can affect water quality in nearby rivers, streams, and groundwater sources, potentially harming aquatic ecosystems and impacting downstream communities.
- **Disruption of Supply Chains:** Floods can disrupt transportation routes necessary for transporting mined materials to processing facilities or market.
- **Long-term Impacts on Mining Operations:** Floods can result in prolonged delays in mining activities due to the time required for cleanup, repairs, and restoration of infrastructure. This can affect production schedules and financial projections for the mine.

### Floods Mitigation

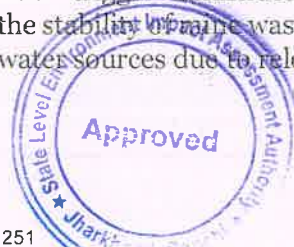
To mitigate the impact of floods near stone mines, proactive measures such as developing robust emergency response plans, implementing flood monitoring systems, improving drainage infrastructure, and maintaining clear communication channels with local communities and authorities are essential. Additionally, incorporating sustainable plantation method, water management practices and considering flood risk assessments in mine planning can help minimize the potential impacts of floods on both operations and the environment.

## 3. Earthquake

### Impact Of Earthquake

The impact of an earthquake on stone mining operations can be significant and can affect various aspects of the mining operation, the environment, and surrounding communities. Here are some key impacts:

- **Structural Damage:** Earthquakes can cause damage to mining infrastructure such as tunnels, shafts, buildings, and equipment. This damage can disrupt mining operations and require costly repairs or reconstruction.
- **Safety Hazards:** Seismic events can create immediate safety hazards for miners, including the risk of rockfalls, collapses, and structural failures within the mine workings. This poses a direct threat to the lives and well-being of workers.
- **Environmental Consequences:** Seismic events can trigger landslides, ground subsidence, and changes in groundwater flow patterns, affecting the stability of mine waste dumps, tailings facilities, and surrounding ecosystems. Contamination of water sources due to release of mining chemicals or pollutants can also occur.



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- **Community Impact:** Earthquakes near mining areas can impact nearby communities by causing damage to homes, infrastructure, and public services. Disruptions in water supply, transportation routes, and emergency services can complicate recovery efforts and pose additional risks.
- **Regulatory and Legal Implications:** Significant earthquakes may lead to regulatory scrutiny and increased requirements for seismic monitoring, risk assessment, and mitigation measures in mining operations. Non-compliance or failure to adequately manage seismic risks can result in legal consequences and regulatory sanctions.

### **Risk Assessment and Monitoring**

- Conduct thorough geological surveys and assessments before mining to identify fault lines, geological weaknesses, and potential seismic hazards.
- Implement continuous monitoring of ground vibrations, seismic activity, and stress changes in the rock mass using seismometers and other monitoring equipment.
- Design mining layouts and sequences that minimize stress concentration and avoid high-risk geological formations or fault zones.
- Utilize advanced rock mechanics principles to optimize mining methods and support systems, reducing the potential for inducing seismic events.
- Develop and adhere to strict blasting protocols that consider the geotechnical characteristics of the rock.
- Use controlled blasting techniques such as pre-splitting, smooth blasting, and buffer blasting to minimize ground vibrations and stress changes.
- Implement robust ground support systems, including rock bolts, mesh, shotcrete, and steel arches, to stabilize excavated areas and prevent rock mass failure.
- Regularly inspect and maintain support structures to ensure effectiveness and safety.
- Develop and regularly update emergency response plans specific to seismic events.
- Maintain communication systems and establish emergency contact procedures with local authorities and emergency services.
- Engage with local communities and stakeholders to raise awareness about seismic risks associated with mining activities.


By integrating these mitigation measures into mining operations, stakeholders can significantly reduce the likelihood and impact of earthquakes induced by stone mining, ensuring safer working conditions and minimizing environmental and social risks.

#### **4. Mining Accidents (mine blasting)**

**Impact Of Mining activity:** Mining accidents in stone mines is mainly caused by blasting operation. Mining accidents can vary widely in nature and severity, but they generally involve incidents such as:

- **Roof collapses:** Due to unstable or poorly supported rock formations.
- **Falls:** Miners falling from heights while working on elevated surfaces.
- **Equipment accidents:** Malfunctions or misuse of heavy machinery and equipment.
- **Respiratory:** Due to dust inhalation, especially in poorly ventilated areas.



  
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### Mitigation Measures to Reduce the Mining Accidents

Preventing these accidents requires rigorous safety protocols, proper training for miners, regular equipment maintenance, and adherence to regulations regarding ventilation and structural stability. The blasting operation should be carried out under the supervision of Mining Mate.

#### Statutory Provision & Precaution for Blasting:-

- Blasting permission from DGMS should be taken by lessee.
- Control blasting should be carried out by using delay detonators during multi rows blasting
- No secondary blasting should be carried out.
- Stemming column should be half of the depth of hole with course sand.
- Only Statutory designated Blaster should supervise the blasting operation.
- All persons in the radius of minimum 300 m from the blasting site should be removed by siren.
- Blasting operation should be carried out during day time only.

### 5. Climate Change & Biodiversity loss

The impact of stone mining on climate change primarily stems from the following factors:

- **Greenhouse Gas Emissions:** Stone mining operations can contribute to greenhouse gas emissions through various processes such as transportation of materials, use of heavy machinery, and energy consumption for crushing and processing stones. These emissions, particularly carbon dioxide (CO<sub>2</sub>), contribute to the greenhouse effect and global warming.
- **Deforestation and Land Use Change:** Mining activities often necessitate clearing of vegetation and altering the landscape, leading to deforestation and changes in land use patterns. Deforestation reduces carbon sinks, contributes to habitat loss, and can exacerbate climate change impacts.
- **Energy Consumption:** Stone mining operations require significant energy inputs, including electricity for machinery, transportation fuels, and sometimes fossil fuels for heating or processing. The extraction and processing of stones can therefore indirectly contribute to greenhouse gas emissions associated with energy production.
- **Water and Air Pollution:** Mining activities can result in water and air pollution, impacting local ecosystems and contributing to climate change through various mechanisms, including the release of methane (a potent greenhouse gas) from disturbed soils and organic matter.
- **Albedo Effect:** Alterations to the land surface due to mining activities can change the albedo (reflectivity) of the Earth's surface. For example, exposing lighter-colored rock surfaces can increase reflectivity and alter local climate patterns.

To mitigate these impacts, mining companies and regulatory bodies can implement various measures:

- **Adopting Cleaner Technologies:** Utilizing energy-efficient machinery and adopting renewable energy sources can reduce direct emissions from mining operations.
- **Improving Efficiency:** Implementing strategies to optimize resource use and minimize waste generation can reduce the overall environmental footprint of mining activities.
- **Rehabilitation and Restoration:** Implementing effective reclamation and rehabilitation plans post-mining to restore landscapes and ecosystems can mitigate long-term climate impacts.
- **Regulatory Frameworks:** Enforcing strict environmental regulations and incentivizing sustainable mining practices through policy frameworks can encourage responsible resource extraction.



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- **Monitoring and Reporting:** Regular monitoring of environmental impacts and transparent reporting of emissions and mitigation efforts can facilitate accountability and continuous improvement in mining practices.  
By addressing these factors and adopting sustainable practices, the mining industry can contribute positively to climate change mitigation efforts while continuing to meet global demand for construction materials like stone.


Stone mining activities can have significant impacts on biodiversity, leading to loss of species and disruption of ecosystems. Some key ways in which stone mining can contribute to biodiversity loss include:

- **Habitat Destruction:** Stone mining often involves clearing large areas of land, which results in direct habitat loss for plants, animals, and microorganisms. This loss can be particularly devastating in ecologically sensitive areas such as forests, wetlands, or grasslands.
- **Fragmentation of Habitats:** Mining operations can fragment contiguous habitats into smaller, isolated patches. This fragmentation reduces habitat connectivity, making it difficult for species to migrate, find mates, and access resources. It can also lead to edge effects, where conditions at the edges of habitat fragments differ significantly from those in the interior, further impacting biodiversity.
- **Soil and Water Pollution:** Mining activities can contaminate soil and water with pollutants such as heavy metals, sedimentation, and chemicals used in mining processes. These pollutants can degrade water quality, disrupt aquatic ecosystems, and affect the health of terrestrial plants and animals.
- **Invasive Species Introduction:** The disturbance caused by mining activities can create opportunities for invasive species to establish and spread. Invasive species can outcompete native species for resources, alter ecosystem dynamics, and further contribute to biodiversity loss.
- **Loss of Keystone Species:** Keystone species play critical roles in maintaining ecosystem structure and function. Mining activities can directly harm or indirectly impact keystone species, leading to cascading effects on entire ecosystems.
- **Air Pollution and Noise Disturbance:** Dust emissions, vehicle traffic, and noise from mining operations can disturb wildlife, disrupt animal behavior patterns, and potentially drive species away from their habitats.

To mitigate biodiversity loss caused by stone mining, proactive measures can be taken:

- **Environmental Impact Assessments:** Conduct thorough environmental impact assessments before starting mining operations to identify potential biodiversity hotspots and sensitive areas.
- **Biodiversity Conservation Plans:** Develop and implement biodiversity conservation plans that include measures such as habitat restoration, creation of buffer zones, and establishment of wildlife corridors to promote habitat connectivity.
- **Adopting Best Practices:** Implement best mining practices that minimize habitat disturbance, reduce pollution, and mitigate impacts on biodiversity.



  
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- **Engaging with Stakeholders:** Engage with local communities, conservation organizations, and stakeholders to raise awareness about biodiversity conservation and involve them in monitoring and mitigation efforts.
- **Compliance with Regulations:** Ensure compliance with environmental regulations and standards to prevent and mitigate biodiversity impacts effectively.

By integrating these measures into mining practices, it is possible to reduce the negative impacts of stone mining on biodiversity and work towards sustainable resource extraction that supports both human development and ecological integrity.

## 6. Lightning & Forest fire

Lightning can indeed be caused by stone mining activities. When mining operations involve blasting or excavation in areas where there are naturally occurring pockets of flammable gases (like methane), these gases can be released. If ignited by a spark or a static discharge from the mining activity, they can lead to a sudden and intense release of energy, resulting in lightning-like phenomena. This underscores the importance of safety protocols and monitoring in mining operations to mitigate such risks.

The impact of lightning caused by stone mining can be significant and multifaceted:

1. **Safety Risks:** Lightning caused by mining activities poses immediate safety risks to miners and personnel working in the vicinity. It can lead to injuries or fatalities due to direct strikes or secondary incidents such as fires or structural damage.
2. **Environmental Impact:** Lightning can trigger fires in surrounding vegetation or forests, especially in dry or flammable conditions. This can lead to environmental damage, loss of biodiversity, and air quality issues.
3. **Infrastructure Damage:** Lightning strikes can damage mining infrastructure, equipment, and facilities. This can disrupt operations, leading to downtime and financial losses for mining companies.
4. **Regulatory and Legal Consequences:** Mining operations are typically subject to stringent safety regulations. Incidents caused by lightning may lead to regulatory scrutiny, fines, or legal consequences if safety protocols were not followed or if negligence is determined.
5. **Community Relations:** Depending on the severity of the impact, incidents caused by lightning in mining operations can affect community relations. Negative perceptions or concerns about safety may arise among local communities, affecting the social license to operate for mining companies. To mitigate these impacts, mining companies implement rigorous safety measures, including lightning detection and warning systems, proper grounding of equipment, evacuation protocols, and adherence to environmental regulations. Additionally, proactive community engagement and transparent communication about safety measures can help build trust and mitigate potential negative consequences.

Mitigation measures for lightning caused by stone mining focus on minimizing risks to personnel, infrastructure, and the environment. Here are some key strategies:

1. **Monitoring and Early Warning Systems:**
  - o Implement lightning detection systems to monitor atmospheric conditions and provide early warnings to personnel.
  - o Utilize weather monitoring services to track thunderstorm activity and potential lightning strikes.



Handwritten signature and official stamp of the District Collector, Sahibganj, Jharkhand.



**2. Safety Protocols and Training:**

- Develop and enforce comprehensive safety protocols specifically addressing lightning risks.
- Train personnel on lightning safety procedures, including evacuation protocols and designated safe shelters.

**3. Grounding and Surge Protection:**

- Ensure all mining equipment and infrastructure are properly grounded to dissipate electrical charges.
- Install surge protection devices to safeguard sensitive equipment from electrical surges caused by lightning strikes.

**4. Site Design and Infrastructure Planning:**

- Design mining sites and facilities with lightning protection in mind, incorporating lightning rods and conductors to direct strikes safely to the ground.
- Consider the location and design of administrative buildings, control rooms, and shelters to provide safe havens during lightning storms.

**5. Environmental Management:**

- Maintain vegetation and implement fire prevention measures around mining sites to reduce the risk of wildfires sparked by lightning strikes.
- Comply with environmental regulations to mitigate potential impacts on ecosystems and natural habitats.

**6. Emergency Preparedness and Response:**

- Develop and regularly review emergency response plans that include procedures for lightning-related incidents.
- Conduct drills and simulations to ensure personnel are familiar with emergency protocols and evacuation routes.

**7. Community Engagement and Communication:**

- Engage with local communities to raise awareness about lightning risks associated with mining activities.
- Communicate openly about mitigation measures and emergency response plans to foster trust and transparency.

By implementing these mitigation measures, mining operations can reduce the risks posed by lightning strikes, enhance safety for personnel, protect infrastructure, and minimize environmental impacts.

Forest fires triggered by lightning strikes associated with stone mining can have significant ecological, environmental, and socio-economic impacts. Here's how:

- **Ecological Impact:** Forest fires can destroy habitats, leading to the loss of plant and animal species. This can disrupt ecological balance and biodiversity, especially in sensitive ecosystems.
- **Air Quality:** Smoke from forest fires can degrade air quality over large areas, impacting human health and causing respiratory problems. It can also affect visibility and air transport.
- **Carbon Emissions:** Forest fires release large amounts of carbon dioxide (CO<sub>2</sub>) and other greenhouse gases into the atmosphere, contributing to climate change and global warming.
- **Water Quality:** Ash and debris from forest fires can contaminate water bodies, affecting aquatic life and water quality. Increased sedimentation can also disrupt aquatic habitats and ecosystems.
- **Economic Impact:** Forest fires can damage infrastructure, agriculture, and forestry resources. They can also impact tourism and recreational activities in affected areas.



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Mitigation measures to reduce the risk of forest fires caused by lightning strikes associated with stone mining include:

- **Lightning Detection and Monitoring:** Implementing lightning detection systems to monitor and track thunderstorm activity can provide early warnings, allowing for timely response and mitigation efforts.
- **Fire Prevention and Preparedness:** Developing and implementing fire prevention strategies, such as creating firebreaks, conducting controlled burns, and establishing firefighting teams, can help reduce the spread and impact of forest fires.
- **Education and Training:** Educating mining personnel and local communities about fire safety measures and procedures can improve awareness and preparedness.
- **Collaboration and Coordination:** Collaborating with local fire departments, government agencies, and community organizations to develop coordinated response plans can enhance effectiveness in responding to forest fires.
- **Environmental Monitoring:** Conducting regular environmental monitoring to assess the impact of mining activities and promptly identify any potential risks or vulnerabilities to forest fire hazards.
- **By implementing these measures,** mining operations can mitigate the risk of forest fires caused by lightning strikes, minimize environmental impacts, and contribute to sustainable land management practices.




*Chiskey*  
जिला खनन पदाधिकारी  
साहेबगंज

**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**



Major hazards affected districts Sl No.	Name of Hazards	No. of districts affected	Name of the district
1.	Drought	All the 24 Districts (2010)	All districts affected
2.	Flood	01	(Sahibganj)
3.	Flash Flood	03	Jamshedpur, Sarakela, Ranchi)
4.	Forest Fire	09	(Garhwa, Palamau, Latehar, Chatra, Hazaribagh, E. & W. Singhbhum, Simdega, Gumla)
5.	Lightening	09	(Palamau, Chatra, Latehar, Koderma, Ranchi, Giridih, 9 Hazaribagh, Lohardagga, Dumka)
6.	Mining Hazards	09	Latehar, Ramgarh, Dhanbad, Lohardagga, Giridih E & W Singhbhum & Koderma
7.	Earthquake Hazard – Zone –IV	02 Districts	(Godda & Sahibganj) - Partially)
	Zone –III	15 Districts	(Godda, Sahibganj), Garhwa, Palamau, Chatra, Hazaribagh), Koderma, Giridih, Bokaro, Dhanbad, Deoghar, Dumka, Godda, Pakur, Jamtara)
	Zone – II	7 Districts	(Lohardagga, Ranchi) Ramgarh, Khunti, Gumla, E. & W. Singhbhum)



  
 जिला खनन पदाधिकारी  
 साहिबगंज



## 25. DETAILS OF THE OCCUPATIONAL HEALTH ISSUES IN THE DISTRICT

### HEALTH IMPACTS:

The effects of Stone dust exposure on the cardio-respiratory function, liver and kidney has been well documented. Many studies show occupations involving stone materials that increase the chance of stone dusts exposure which has adverse effects on health. New research published in Environmental Science and Technology explained that, the dust particle in the ground is quite different from the dust that we mostly breathe. The fine dust in the underground and that from stone could have metals and other substances that are risky for human health.

The process of mining and processing of minerals involve various activities which give rise to environmentally related diseases.

- Respiratory tract diseases such as Tuberculosis, Pulmonary diseases and Silicosis.
- Water - borne diseases such as Shistosomiasis and Onchocerciasis.
- Skin diseases of all types, eye diseases and mental illness.

पृष्ठ 222

जिला कक्षा पर्यावरणीय  
जिला कक्षा केंद्र, साहेबगंज।  
जिला स्तरीय पर्यावरणीय  
साहेबगंज।

संवेदन दिनांक 21/12/2024

विषय - विपदा पूर्व (P) वर्ष का Silicosis & TB बीमारी से संबंधित प्रतिवेदन संकलन करने के संबंध में।

प्रश्न - जिला स्तरीय पर्यावरणीय, साहेबगंज के पत्रक M10/एन, दिनांक 28.12.2024

प्रतिक्रमा

उपरोक्त प्रस्तावित विपदा पूर्व के आलेख में बतला है कि पर्यावरणीय संभावित खतरा (E.C.) आसपास, तैली

द्वारा पाये प्रतिक्रमा के आलेख में साहेबगंज जिले का Silicosis & TB बीमारी से संबंधित प्रतिवेदन निम्नवत् है -

S.N.	Year	No. of Silicosis Case reported	No. of TB Case reported
1	2019	Nil	3134
2	2020	Nil	2802
3	2021	Nil	2970
4	2022	Nil	1238
5	2023	Nil	3531

विवरण

21/12/24  
जिला कक्षा पर्यावरणीय  
जिला कक्षा केंद्र, साहेबगंज

पृष्ठ संख्या / संवेदन दिनांक

प्रतिक्रमा - उपरोक्त एवं विपदा पूर्व-पूर्व पर्यावरणीय पर्यावरणीय साहेबगंज को सूचनाएं प्रेषित।

प्रतिक्रमा - जिला कक्षा पर्यावरणीय, जमशुद आसपास, तैली को सूचनाएं प्रेषित।



जिला कक्षा पर्यावरणीय  
जिला कक्षा केंद्र, साहेबगंज

जिला स्तरीय पर्यावरणीय  
साहेबगंज




## **26. PLANTATION AND GREEN BELT DEVELOPMENT**

It is proposed to have a detailed record of plantation to be kept by the respective owner/proponent of the mine, which has been planted in the safety zone area and transport route, which is statutorily required.

As per the norms of the forest department, the plantation has to be carried out at the rate of 2500/1600 local plants per hectare. Along the approach road, both side plantation will be done at the interval to 3 meters. Plantation will be done in the first year and will be maintained for the life of the mine.



  
जिला खनन पदाधिकारी  
साहेबगंज

**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE) / EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**



GET No. 004ELPAS47DEIX  
PAN - ABLR24TUE

Email: sahibganj@spmuker.com  
Mob. 8709223041  
8294141178  
7541078877



**ABHI STONE WORKS**

(पत्थर उद्योग)

Ref: \_\_\_\_\_ Date: 02/12/2024

To:  
The District Mining Officer  
Sahibganj, Jharkhand.

Subject: DSR Approval for minor minerals.

Respected Sir,

As per above subject plantation work of 2500 plants has been done in my mining lease area at Mahua - Rohara, Plot No. - 07 (P), 09, 33 and 05 (P), Khata No. - 17,07,17 and 12, total area 12.00 acres in PS - Mirzapore, District - Sahibganj (Jharkhand). According to the approved mining plan plantation had been done.

Plantation will be done time to time as per requirement.

This letter is hereby submitted in your good office for documentary record.

Yours faithfully,  
Mr. Ajay Kumar Ranjan  
For: Abhi Stone Works  
Main - Rohara  
Sahibganj,  
Jharkhand

**M/S AYACHI ENTERPRISES**

M/S. Ayachi Enterprises, Block No. 1, Phase 2, Sector 1, P.O. -  
P.O. - Sahibganj, District - Sahibganj, Jharkhand - 813001

To:  
The District Mining Officer,  
Sahibganj, Jharkhand.

Subject: DSR Approval for Minor Minerals.

Respected Sir,

As per above subject plantation work of minor than 2500 plants has been done in my mining lease area at Mahua - Rohara, Khata No. - 16, 04, 09, 21, 18 & 23, Plot No. - 200, P, 210P, 214P, 215P, 216, 217, area 6.50 acre P.O. - P.S. Mirzapore, District - Sahibganj, Jharkhand. According to the approved mining plan plantation had to be done. I will do the plantation according to the approved mining plan in due time.

This letter is hereby submitted in your good office for documentary record.

Thanking you

Yours faithfully,  
Mr. Ayachi Enterprises  
M/S. Ayachi Enterprises  
Sahibganj

Reg Office - Flora Villa, Sakrugarh, Sahibganj, Jharkhand, 816109

Scanned by CamScanner

Company & Office Add.: "AYACHI" UNIT, SHAKURGARH, West of Police, Sakrugarh, Sahibganj, Jharkhand, 816109

**M/s. Bajrang Stone**

CHHARA, SAKRUGARH, SAHIBGANJ - 816109

GET No. 004ELPAS47DEIX  
PAN - ABLR24TUE

Email: sahibganj@spmuker.com  
Mob. 8709223041  
8294141178  
7541078877

Ref. No.: 000000

Date: 07.12.2024

To:  
The District Mining Officer  
Dist - Sahibganj, Jharkhand.

Sub: DSR Approval For Minor Minerals.

Respected Sir,

As per above subject plantation work of 5000 plants has been done in my mining lease area at Mahua - Rohara, Khata No. - 12, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, total area 12.00 acres in PS - Mirzapore, District - Sahibganj, Jharkhand. According to the approved mining plan plantation had to be done. I will do plantation according to approved mining plan in due time. Plantation will be done time to time as per requirements.

This letter is hereby submitted in your good office for documentary record.

Respect,

Yours faithfully,  
Mr. Bajrang Stone



Reg. No. 004ELPAS47DEIX  
PAN - ABLR24TUE  
Email: sahibganj@spmuker.com  
Mob. 8709223041  
8294141178  
7541078877

**HILL TOUCH STONE WORKS**

Date: 13/12/2024

To:  
The District Mining Officer  
Dist. Sahibganj, Jharkhand

Sub: DSR Approval for Minor Minerals.

Respected Sir,

As per above subject plantation work of 2000 plants has been done in my lease area at Mahua - Rohara, Plot No. 128, 129, 130, 131, 132, 133, 134, Khata No. 41, 39, 25 & 26, Area: 7.80 acres in PS - Mirzapore, Dist. Sahibganj, Jharkhand. According to the approved mining plan plantation had to be done. I will do plantation according to approved mining plan in due time. Plantation will be done time to time as per requirements.

This letter is hereby submitted in your good office for documentary record.

Respect,  
Yours faithfully,  
Mr. Hill Touch Stone Works

Mahua - Rohara, P No. - 128, 129, 130, 131, 132, 133, 134 AT.

जिला खनन पदाधिकारी  
सहबगंज

**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE) / EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**



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**M/S AYACHI ENTERPRISES**

All rights reserved. No part of this report may be reproduced without the  
written permission of the Director, Jharkhand State Mineral Development Corporation.

Ref No. \_\_\_\_\_ Date \_\_\_\_\_

To,  
The District Mining Officer,  
Sahibganj (Jharkhand)

Subj: DSR Approval for Minor Minerals

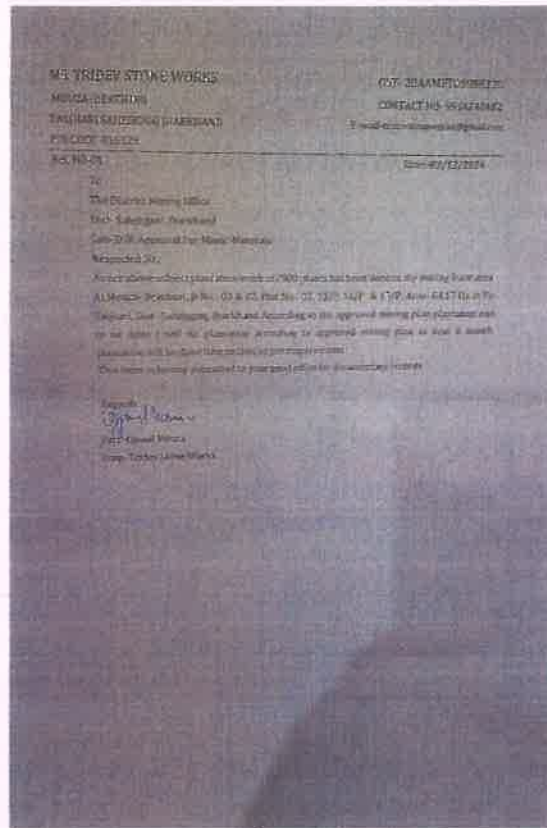
Respected Sir,  
As per above subject plantation work of more than 2900 plants has been done to my mining lease area Mouza - Chakra, Khata no. 01, 15, 31, 34, 44, and 47 area 8.50 acre P.O. Sahibganj, P.S. Taljhari, District - Sahibganj, Jharkhand. According to the approved mining plan, plantation had to be done. I will do the plantation according to the approved mining plan in the next 6 months.

This letter is hereby submitted to your good office for documentary record.

Thanking you

Yours Faithfully  
*[Signature]*  
M/s Ayachi Enterprises  
Mouza - Chakra,  
Sahibganj

Company & Office Add.: **25/31/2025** SHARDA PALLE, Near of Police Colony, Subj Sahibganj, Sahibganj (Jharkhand)-731001



**M/S VIDYARTHI STONE WORKS**  
SUPPLIERS- STONE CHIPS, BOULDER & STONE METAL  
M.A.P.O., BAKRIGALI  
Dist. SAHIBGANJ

Head Office  
P/F nearby  
Rangra Subhash Colony  
PO & Dist: Sahibganj  
(Jharkhand)  
Email: [cityofstoneworks@gmail.com](mailto:cityofstoneworks@gmail.com)  
Mob. - 9210002386

Factory Site:  
At Mouza - Gudia  
Dist. Sahibganj  
(Jharkhand)  
Mob. - 9210002384

Ref No. 13-24/25 Date: 12.5.2025

**M/S JHARKHAND STONE WORKS**  
Mouza - Leva, Plot No. - 05P, Khata No. - 04, Area - 07.00 Acres.  
Dist. - Sahibganj, Jharkhand  
Email ID - [leha051275@gmail.com](mailto:leha051275@gmail.com), Mob. - 09934128168 & 8790828283  
GSTIN No. - 26AQPA4763G3Z8

To,  
The District Mining Officer,  
Sahibganj (Jharkhand)

Subj: DSR Approval for Minor Minerals

Respected Sir,  
As per above subject plantation work of more than 3450 plants has been done in my mining lease area Mouza - Gudia, Khata no. 55, 25, 07, Plot no. 63p, 72, & 81 area 11.00 acre P.O. Sahibganj, P.S. Taljhari, District - Sahibganj, Jharkhand. According to the approved mining plan, plantation had to be done. I will do the plantation according to the approved mining plan in the next 6 months.

This letter is hereby submitted to your good office for documentary record.

Thanking you



Ref No.:- 04 Date :- 07.12.2024

To,  
The District Mining Officer,  
Sahibganj (Jharkhand)

Subj: - DSR Approval for Minor Minerals.

Respected Sir,  
As per above subject plantation work of 3000 plants has been done in my mining lease area at Mouza - Leva, Plot No. - 05(P), Khata No. - 04, Area - 07.00 acres in PS - Taljhari, District - Sahibganj, (Jharkhand). According to the approved Mining Plan plantation had to be done. I will do Plantation according to approved Mining Plan in next 06 Months. Plantation will be done time to time as per requirement.

This letter is hereby submitted to your good office for documentary record.  
Thanking you.

Yours Faithfully  
*[Signature]*  
Prop. M/s. Jharkhand Stone Works  
Mouza - Leva  
District - Sahibganj  
(Jharkhand)

*[Signature]*  
शिला खनन पदाधिकारी  
साहिबगंज

DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE) / EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND



APPROVED FOR SIGNATURE

**M/s Krishna Stone  
STONE WORKS**  
Prop. - State Capital  
Dist. Sahibganj, Jharkhand

As per above subject plantation work of 3000 plants has been done in my mining lease area at Mouza - Barma, Khata No. 88, 85, 82, 24 & 44. Plot No. 275, 296, 417, 422, 432 & 433 Area 8.39 ac in PS - Barma Dist. Sahibganj, Jharkhand. According to the approved mining plan plantation had to be done. I will do plantation according to approved mining plan in next 6 months. Plantation will be done time to time as per requirements.

This letter is hereby submitted to your good office for documentary records.

Respected Sir,  
Sub-DSR Approval for minor minerals.  
The District Mining Officer,  
Sahibganj, Jharkhand.

*Md. Alam & Brothers*

M/S KRISHNA STONE

Dist. Sahibganj

PLOT NO-432 MOUZA GORBA BARMA/MAA  
MOUZA PATWA BAKSEGALI 296/20 WARD  
PIN CODE - 816151

CONTACT NO - 91-9672 09078  
E-mail KRISHNASTONEDRMA@GMAIL.COM

Ref. No. 11 Date: 02/04/2014

To  
The District Mining Officer  
Dist. Sahibganj, Jharkhand

Sub-DSR Approval For Minor Minerals

Respected Sir,

As per above subject plantation work of 3000 plants has been done in my mining lease area at Mouza - Barma, Khata No. 88, 85, 82, 24 & 44. Plot No. 275, 296, 417, 422, 432 & 433 Area 8.39 ac in PS - Barma Dist. Sahibganj, Jharkhand. According to the approved mining plan plantation had to be done. I will do plantation according to approved mining plan in next 6 months. Plantation will be done time to time as per requirements.

This letter is hereby submitted to your good office for documentary records.

Regards

*Rakesh Ranjan*  
Rakesh Ranjan  
Prop. Krishna Stone  
Old Name - Dev Black Stone Works

**MD ALAM AND BROTHERS**

E-mail : md.alamandbrothers@gmail.com

Prop. MAHATAS ALAM AT- PATOURA, PAHARGRAM

P.O. UDIRWA, DIST. SAHIBGANJ, JHARKHAND, 816108

OBT No. 28AFMPA05190129

TIN No. 2882708225

PAN- AF82PM714Q

MCS - 2281653785

Ref. No. \_\_\_\_\_

Date: 02/04/14

To,  
The District Mining Officer  
Sahibganj, Jharkhand.

Sub: DSR Approval for Minor Minerals.

Respected Sir,

As per above subject plantation work of 3000 plants has been done in my mining lease area at Mouza- Gudasingri, J.B No.-4, 17, 26 & 32, Plot No- RZP, 83, 84P, 85, 86P, 87P, & 88P Area- 8 Acre in PS- Tispathar, Block- Taljhari, Dist- Sahibganj, Jharkhand. According to the approved mining plan plantation had to be done. I will do plantation according to approved mining plan in next 6 months. Plantation will be done time to time as per requirements.

This letter is hereby submitted to your good office for documentary records.

*Md. Alam & Brothers*  
*Mahatash Alam*  
Prop. M/s Md Alam and Brothers  
At- Udirwa, Sahibganj

Submitted with Cash/Security



**M/S CHATURANAND PANDAY**

Mineralogist & Supervisor of Stone, Marble & Gypsum  
SI, SAHIBGANJ DISTRICT

chaturanandpandey@gmail.com 91 9111111111

REF No. S.B.G/014

DATE: 02/04/2014

To,  
The District Mining Officer,  
Sahibganj, Jharkhand)

Sub- DSR Approval for Minor Minerals

Respected Sir,

As per above subject plantation work of more than 3350 plants has been done in my mining lease area Mouza- Jukanao, Khata no. 14, Plot no- 101p, & 147p area- 4.75 acre P.O. Sahibganj, PS- Jyapahari, District- Sahibganj, Jharkhand. According to the approved mining plan, plantation had to be done. I will do the plantation according to the approved mining plan in the next 6 months.

This letter is hereby submitted to your good office for documentary record.

Thanking you

Yours faithfully  
*Chaturanand Pandey*  
M/s Chaturanand Pandey  
Mouza- Jukanao  
Dist. Sahibganj

*Chaturanand Pandey*  
जिला खनन पदाधिकारी  
साहेबगंज

**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE) / EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**



**VANSLA GRANITE**  
 Quarry Owner, Stone Merchants of General Order Supplier  
 RAJMAHAL, P.O., RAJMAHAL, DIST - SAHIBGANJ - 813101 (JHARKHAND)  
 Ph. - 98436-229127

Ref No. \_\_\_\_\_ Date 11/07/2024

To,  
 The District Mining Officer,  
 Sahibganj (Jharkhand)

Subj - DSR Approval for Minor Minerals.

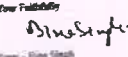
Respected Sir,

As per above subject plantation work of 2500 plants has been done in my mining lease area at Manza - Chhapar & Tashbar Plot No - 1134, 16, 17, 18P & 4L Area - 05.99 Acres, in P.S - Tashbar, District - Sahibganj, (Jharkhand). According to the approved Mining Plan plantation had to be done. I will do Plantation according to approved Mining Plan in next 06 Months.

Plantation will be done time to time as per requirement.

This letter is hereby submitted to your good office for documentary record.

Thanking you.

Yours Faithfully  
  
 Man Singh  
 Prop. - Man Singh  
 M/S Vansla Granite  
 Rajmahal, Rajmahal  
 Sahibganj (813101)

Email Id - [misganga@gmail.com](mailto:misganga@gmail.com)  
 Mobile - 9772983277

**M/S GANGA STONE WORKS**  
 prop- Twinkle chandhary  
 PO- BARBARWA, DIST. SAHIBGANJ PIN- 813101 (JHARKHAND)

Date-14-12-2024

TO,  
 The District Mining officer,  
 Sahibganj (Jharkhand)

Subj- DSR Approval for Minor Minerals.

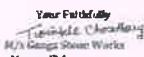
Respected Sir,

As per above subject plantation work of 3600 plants has been done in my Mining lease area At :-Manza-Telo, Khata No-0 LB5,07 & 12, plot no :- 15(p), 16 to 21, Area :-1.65 Acres in PO-patma, PO-Ranga, Dist.-sahibganj (Jharkhand). According to The Approved mining plan plantation had to be done. I will do plantation according to Approved mining plan in next 06 months.

This letter is hereby submitted to your good office

For documentary record.

Thanking you

Yours Faithfully  
  
 Twinkle Chandhary  
 M/s Ganga Stone Works  
 Manza-Telo  
 Sahibganj (Jharkhand)

**SWASTIK MINERAL AGENCY**  
 AT + P.O.- NILDUTTIN, RAJMAHAL, DIST - SAHIBGANJ (JHARKHAND)  
 Ph. - 98436-229127

Ref No. \_\_\_\_\_ Date 11/07/2024

To,  
 The District Mining Officer,  
 Sahibganj (Jharkhand)

Subj - DSR Approval for Minor Minerals.

Respected Sir,

As per above subject plantation work of 3500 plants has been done in my mining lease area at Manza - Gadhimgaj & Chhapar Plot No - 102P & 02P Area 06.50 Acres, in P.S - Tashbar, District - Sahibganj, (Jharkhand). According to the approved Mining Plan plantation had to be done. I will do Plantation according to approved Mining Plan in next 06 Months.

Plantation will be done time to time as per requirement.

This letter is hereby submitted to your good office for documentary record.

Thanking you.

Yours Faithfully  
  
 Vikram Prasad  
 Prop. - Vikram Prasad  
 M/S Swastik Mineral Agency  
 Nildutti, Rajmahal  
 Sahibganj (813101)

State Level Environment Impact Assessment Authority  
**Approved**  
 Jharkhand Ranchi

  
 जिला खानन पदाधिकारी  
 साहेबगंज

**M/S MIRA PAHAR STONE MINES**  
 Manza - Mirapara Plot No - 98P, 100P, 101P, 102P & 104P Khata No - 04, 09 & 28 Area - 09.00 Acres, in PS - Taljhari District - Sahibganj, (Jharkhand)  
 Email Id - 9825399548  
 GSTIN No - 20ABFFM885N1Z1

Ref No - 01 Date - 07/12/2024

To,  
 The District Mining Officer,  
 Sahibganj (Jharkhand)

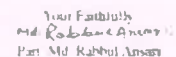
Subj - DSR Approval for Minor Minerals

Respected Sir,

As per above subject plantation work of 2000 plants has been done in my mining lease area at Manza - Mirapara Plot No - 98P, 100P, 101P, 102P & 104P Khata No - 04, 09 & 28 Area - 09.00 Acres, in PS - Taljhari District - Sahibganj, (Jharkhand). According to the approved Mining Plan plantation had to be done. I will do Plantation according to approved Mining Plan in next 06 Months. Plantation will be done time to time as per requirement.

This letter is hereby submitted to your good office for documentary record.

Thanking you

Yours Faithfully  
  
 Md. Rabul Ansari  
 Prop. Md. Rabul Ansari  
 M/s Mirapara Stone Mines  
 Manza - Mirapara  
 District - Sahibganj  
 (Jharkhand)

**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**



**M/S MIRA PAHAR STONE MINES**

Mauza - Mirapara, Plot No - 98P, 100P, 101P, 105P & 106P Khata No. - 04, 09 & 28 Area - 09.00 Acres, Dist. - Sahibganj, Jharkhand  
Email Id. Mob. - 9835399548  
GSTIN No. - 20ABFFM8854N1Z1

Ref No. - 01 Date - 07/12/2024

To,  
The District Mining Officer,  
Sahibganj (Jharkhand)  
Subj. - DSR Approval for Minor Minerals

Respected Sir,  
As per above subject plantation work of 2000 plants has been done in my mining lease area at Mauza - Mirapara Plot No - 98P, 100P, 101P, 105P & 106P Khata No. - 04, 09 & 28 Area - 09.00 Acres, in P.S. - Taljhari, District - Sahibganj (Jharkhand) According to the approved Mining Plan plantation had to be done I will do plantation according to approved Mining Plan in next 06 Months. Plantation will be done time to time as per requirements.

This letter is hereby submitted to your good office for documentary record.

Thanking you

Your Faithfully  
Mr. Rabindranath Anand  
Prop. M/s. Mira Pahar Stone Mines  
Mauza - Mirapara  
District - Sahibganj  
(Jharkhand)

**M/s. SARASWATI STONE WORKS**

Prop. - Dinesh Kumar Taluk  
Manufacturer of Stone Chips & General Order Supplier  
Mangal Bazar, BAKARDALI, Dist. - Sahibganj-813115  
(Jharkhand)

To,  
The District Mining Officer,  
Sahibganj (Jharkhand)

Subj. - DSR Approval for Minor Minerals

Respected Sir,

As per above subject Plantation Work of More Than 5000 Plants had been done in my mining Lease Area & Approved Mining Plan at Mauza - Anandara, Plot No 04P18(P), 05P18, 20P2, which consists of Area 05.22 Acres in P.S. - Taljhari, District Sahibganj, (Jharkhand). According to the approved Mining Plan plant which had to be done, I will do Plantation according to approved Mining Plan in next 06 Months. Plantation will be done time to time as per requirements.

This letter is hereby submitted to your good office for documentary record.

Thanking you

Your Faithfully  
Dinesh Kumar Taluk  
Prop. Dinesh Kumar Taluk  
M/s. Saraswati Stone Works  
Mangal Bazar  
Dist. - Sahibganj (Jharkhand)

GST NO. - 29ALWPE2954N2K

Mob. - 9939913889

**MS SRI RAM STONE WORKS**

Prop. - TONAL KUMAR BHAGAT  
Address AT- Mouza- Pakaria, Plot No 55P, 56P, 127P, Area- 6.00 Acres  
At- Mirzachowki, PO- Mirzachowki, DIST- Sahibganj (Jharkhand)  
Email id- srikumarj@gmail.com

Ref. No. - 43/24 Date - 08/12/24

To,  
The District Mining Office  
Dist. - Sahibganj (Jharkhand)  
Subj. - DSR Approval For Minor Minerals

Respected Sir,  
As per above subject plantation work of 2000 plants has been done in my mining lease Area At- Mouza- Pakaria, Plot No- 55P, 56P, 127P, Area- 6.00 Acres in P.S- Mirzachowki, Dist- Sahibganj, Jharkhand According to approved mining plan in next 6 month plantation will be done time to time as per requirements.

This letter is hereby submitted to your goods office for documentary records.

Regards  
Tonal Kumar Bhagat  
Prop. Tonal Kumar bhagat  
Mouza- Pakaria



*(Signature)*  
জেলা স্বনন পদাধিকারী  
সাহেবগঞ্জ

**Patnibona Stone Quarries**

CONTRACTORS & GOVT. SUPPLIERS  
BAKUDRI, DIST. - SAHIBGANJ (JHARKHAND) - 813101

Ref. No. / Date: 11/12/24

To,  
The District Mining Officer,  
Sahibganj (Jharkhand)

Subj. - DSR Approval for Minor Minerals.

Respected Sir,

As per above subject plantation work of 5000 plants has been done in my mining Lease area at Mauza - Patnibona, Plot No. - 22, 25, 34, 35, 36 Area 20.00 Acres, in P.S- Taljhari, District Sahibganj, (Jharkhand). According to the approved Mining Plan plantation had to be done.

I will do Plantation according to approved Mining Plan in next 06 Months. Plantation will be done time to time as per requirements.

This letter is hereby submitted to your good office for documentary record.

Thanking you

Your Faithfully  
*(Signature)*  
Prop. - Praveesh Kumar Lakhman  
M/s Patnibona Stone Quarry  
At-Sandhpora, Palur  
Post-Palur (Jharkhand)

**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE) / EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**



**SWASTIK MINERAL AGENCY**  
AT + PO- NUKOTI, RAJMAHAL, DIST - SAHIBGANJ (JHARKHAND)

[Ph. 06426-228127]

Ref No. \_\_\_\_\_

Date: 12/12/2024

To,

The District Mining Officer,

Sahibganj (Jharkhand)

Sub: DGR Approval for Minor Minerals.

Respected Sir,

As per above subject plantation work of 7000 plants has been done in my mining lease area at Masca - Bam, Plot No - 10, 11P & 12P, Area 12.00 Acres, in PS - Talhat, District - Sahibganj, (Jharkhand). According to the approved Mining Plan plantation had to be done. I will do Plantation according to approved Mining Plan in next 06 Months.

Plantation will be done time to time as per requirement.

This letter is hereby submitted to your good office for documentary record.

Thanking you.

Your Faithfully

*(Signature)*

Prop. - Vikram Prasad  
M/S Swastik Mineral Agency  
Nukoti, Rajmahal  
Sahibganj (816108)



**Sone Ganga Stones Pvt. Ltd.**

GSTIN: 20AGDC225478122C  
E. mail: sonagangastones@gmail.com

Contact: 91 7270501551, H.No. 382, Ward-10, Chopra Road, Ghak-Sahibganj (U.P.)

Head Office  
Chopra Road  
Ghose Somnathra (U.P.) 201219  
District: Ghak  
Muzaffargarh-Sahibganj  
(Jharkhand) 816109  
Near F.C.I. Godown

Ref No. \_\_\_\_\_

Date

Date: 07.12.2024

To,

The District Mining Officer,

Sahibganj (Jharkhand)

Sub: UGR Approval for Minor Minerals

Respected Sir,

As per the subject mentioned above, plantation work of 850 plants has been done in my mining lease as per Approved Mining Plan area at Anchal- Mandra, Morpa-Dandla, Khatia No- 21, 26 & 32, Plot No - 223,224,225,226(P) & 3(M), Area- 12.00 Acres in PAH- Mahalingpur, P.S- Arwahat (LPI), District Sahibganj (Jharkhand). Plantation has been done according to the approved mining plan and is on continuous as per requirement.

This letter is hereby submitted to your office for documentary record.

Thanking you.

Your Faithfully:

*(Signature)*

Shobhit Mishra

M/s Sone Ganga Stone Private Limited

Dist. - Sahibganj

**SHIV-SHAKTI SOTNE WORKS**  
MODIKOLA STONE MINES

MOUZA-MODIKOLA, P.S. RANGA, DIST. SAHIBGANJ, JHARKHAND

Ref No. 02

Date: 08/12/2024

To,

The District Mining Officer,  
Sahibganj (Jharkhand)

Sub: DSR Approval for Minor Minerals.

Respected Sir,

As per above subject plantation work of 1700 plants has been done in my mining lease area at Mauza-Modikola, Plot No-1/P2/P, 3,4,5,6,7,8,9, 10(P), 11,14,21,22 & 23. Area- 07.59 acres in PS-Ranga, District-Sahibganj, (Jharkhand). According to the approved Mining Plan plantation had to be done. I will do Plantation according to approved Mining Plan in next 06 Months. Plantation will be done time to time as per requirement.

This letter is hereby submitted to your good office for documentary record.

Thanking you.

Your Faithfully

*(Signature)*

Prop. Shaakar Kumar  
M/s Shiv Shakti Stone Works  
Mouza- Modikola  
Dist-Sahibganj  
(Jharkhand)



**SWASTIK MINERAL AGENCY**

AT + PO- NUKOTI, RAJMAHAL, DIST - SAHIBGANJ (JHARKHAND)

[Ph. 06426-228127]

Ref No. \_\_\_\_\_

Date: 11/12/2024

To,

The District Mining Officer,

Sahibganj (Jharkhand)

Sub: DGR Approval for Minor Minerals.

Respected Sir,

As per above subject plantation work of 16000 plants has been done in my mining lease area at Masca - Kariganjya, Plot No. - 82P to 10B, 101 & 178P, Area 37.00 Acres, in PS - Borta, District - Sahibganj, (Jharkhand). According to the approved Mining Plan plantation had to be done. I will do Plantation according to approved Mining Plan in next 06 Months.

Plantation will be done time to time as per requirement.

This letter is hereby submitted to your good office for documentary record.

Thanking you.

Your Faithfully

*(Signature)*

Prop. - Vikram Prasad  
M/S Swastik Mineral Agency  
Nukoti, Rajmahal  
Sahibganj (816108)

*(Signature)*  
जिला खनिज पदाधिकारी  
साहेबगंज

**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE), EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**



**M/S RAJAN STONE WORKS**

Prop: RAJAN KUMAR  
Rt- Barakar, Po + Ps - Barakar, Dist- Sahibganj  
Jharkhand-816101  
E-mail: rajankumar2@gmail.com

Ref No: 099725967

Ref No: \_\_\_\_\_

Date: 13-12-2024

To,  
The District Mining Officer,  
Sahibganj, Jharkhand

Sub: - DSR Approval for Minor Minerals.

Respected Sir,

As per above subject plantation work of 2500 plants has been done in my mining lease area at Mouza- Borna, Plot No-52p, S3 to 61, 249 to 252, Area- 8.68 Acres, in P.S- Ranga, Dist- Sahibganj, Jharkhand. According to the approved Mining Plan plantation had to be done. I will do plantation according to approved Mining Plan in next 6 Months.

Plantation will be done time to time as per requirement.

This letter is hereby submitted to your office for documentary record.

Thanking You,

Yours Faithfully

*Rajan Kumar*

Prop: - Rajan Kumar

M/s Rajan Stone Works

**M/S S.S. ENTERPRISES**

Prop: Ashraful Haque  
Rt- Birkulaha Path, Po + Ps - Barhara, Dist- Sahibganj  
Jharkhand-816101

Ref No: 099725967

Ref No: \_\_\_\_\_

Date: 13-12-2024

To,  
The District Mining Officer,  
Sahibganj, Jharkhand

Sub: - DSR Approval for Minor Minerals.

Respected Sir,

As per above subject plantation work of 1800 plants has been done in my mining lease area at Mouza- Borna, Plot No-468P & 469P, Area- 4.00 Acres, in P.S- Ranga, Dist- Sahibganj, Jharkhand. According to the approved Mining Plan plantation had to be done. I will do plantation according to approved Mining Plan in next 6 Months.

Plantation will be done time to time as per requirement.

This letter is hereby submitted to your office for documentary record.

Thanking You,

Yours Faithfully

*Ashraful Haque*

Prop: - Ashraful Haque

M/s S.S. Enterprises

**SHIV SHAKTI STONE WORKS**

BORNA STONE MINES

Mouza- Borna, P.O. Barakar P.S. Ranga, Dist- Sahibganj

Ref No: 01

Date: 22-12-2024

To,

The District Mining Officer,  
Sahibganj (Jharkhand)

Sub: - DSR Approval for Minor Minerals.

Respected Sir,

As per above subject plantation work of 600 plants has been done in my mining lease area at Mouza-Borna, Plot No- 437/P, 438/P, 439/P. Khata No- 70, 52, 37. Area- 04.00 acres in P.S-Ranga, District-Sahibganj, (Jharkhand). According to the approved Mining Plan plantation had to be done. I will do Plantation according to approved Mining Plan in next 06 Months. Plantation will be done time to time as per requirement.

This letter is hereby submitted to your good office for documentary record.

Thanking you.

Your Faithfully

*Shankar Kumar*

Prop. Shankar Kumar  
M/s. Shiv Shakti Stone Works  
Mouza- Borna  
Dist-Sahibganj  
(Jharkhand)



*Shankar*  
जिला खनिज पदाधिकारी  
साहेबगंज

**M/S PRATIK STONE WORKS**

BORNIA STONE MINES

Mouza- Borna, P.O. Barakar P.S. Ranga, Dist- Sahibganj

Date: 23-11-2024

To,

The District Mining Officer,  
Sahibganj (Jharkhand)

Sub: - DSR Approval for Minor Minerals.

Respected Sir,

As per above subject plantation work of 2000 plants has been done in my mining lease area at VBI- Ghatigaon, Khata No- 15, Plot No- 254, 153, Area- 8.25 acres in P.O- P.S- Mirzapur, District- Sahibganj (Jharkhand). According to the approved Mining Plan plantation had to be done. I will do Plantation according to approved Mining Plan in next 06 Months.

This letter is hereby submitted to your good office for documentary record.

Thanking you,

Your Faithfully

*Pratik Kumar*  
M/s Pratik Stone Works

VBI- Ghatigaon, Dist- Sahibganj (Jharkhand)

Ref No: 099725967  
Ref No: 099725967  
Ref No: 099725967  
Ref No: 099725967

**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**



**M/s MAA SHITLA STONE WORKS**  
Muzza - Gadhwa, P.O. - Sakrigali, P.S. - Taljhari  
Dist. - Sahibganj, Jharkhand  
Mob No. - 98360111111

Date - 16.12.2024

To,  
The District Mining Officer,  
Sahibganj (Jharkhand)

Sub: DSR Approval for Minor Minerals.

Respected Sir,

As per above subject plantation work of approx 1700 plants has been done in my mining lease area at Muzza-Gadhwa, Khata No-18, 40, 02, 36 Plot No-48/P, 58/P, 52/P, 53/P, and 54/P Area-0.87 acre in PG-PS-Taljhari, District-Sahibganj (Jharkhand). According to the approved mining plan plantation had to be done. I will do plantation according to approved Mining Plan in next rainy season.

This letter is hereby submitted to your good office for documentary record.

Thanking you

Your Faithfully  
*Smita Prasad*  
M/s Maa Shitla Stone Works  
Sakrigali, Sahibganj

**M/S MAA VAISHNAVI STONE WORKS**

Prop. - Rajesh Kumar Jaiswal, At-Mirachandi, Dist. Sahibganj, Jharkhand -81300

Date - 07.12.2024

To,  
The District Mining Officer,  
Sahibganj (Jharkhand)

Sub: DSR Approval for Minor Minerals.

Respected Sir,

As per the subject mentioned above, plantation work of 4500 plants has been done in my mining lease as per Approved Mining Plan area at Anchal - Mandua, Muzza-Mandua, Khata No - 47, Plot No - 55 & 56 Area- 09.50 Acres in Post- Mirachandi, P.S- Mirachandi, District Sahibganj (Jharkhand). Plantation has been done according to the approved mining plan and it will continue as per requirement.

This letter is hereby submitted to your office for documentary record.

Thanking you.

Your Faithfully

*Rajesh Kumar Jaiswal*  
Rajesh Kumar Jaiswal  
M/s Maa Vaishnavi Stone Works  
Dist. - Sahibganj

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**M/S SANKAT MOCHAN STONE MINE**

Prop. - Rajesh Kumar Jaiswal, Muzza - Ghawa, Dist. Sahibganj, Jharkhand -81300

Date - 07.12.2024

To,  
The District Mining Officer,  
Sahibganj (Jharkhand)

Sub: DSR Approval for Minor Minerals.

Respected Sir,

As per the subject mentioned above, plantation work of 3570 plants has been done in my mining lease as per Approved Mining Plan area at Anchal - Mandua, Muzza-Cherra, Khata No -09 & 04, Plot No - 19(P) & 35/70 (P) Area - 09.00 Acres in Post- Manduaopang, P.S- Jaiswal (OP), District Sahibganj (Jharkhand). Plantation has been done according to the approved mining plan and it will continue as per requirement.

This letter is hereby submitted to your office for documentary record.

Thanking you

Your Faithfully

*Rajesh Kumar Jaiswal*  
Rajesh Kumar Jaiswal  
M/s Sankat Mochan Stone Mine  
Dist. - Sahibganj



**M/S JAI MAA BHAGWATI STONE WORKS**

Prop. - Bina Lal Singh, At-Mirachandi, Dist. Sahibganj, Jharkhand -81300

Date - 07.12.2024

To,  
The District Mining Officer,  
Sahibganj (Jharkhand)

Sub: DSR Approval for Minor Minerals.

Respected Sir,

As per the subject mentioned above, plantation work, of 1500 plants has been done in my mining lease as per Approved Mining Plan area at Anchal - Mandua, Muzza-Sakrigali, Khata No - 72, 23, 17, 56, 41 & 11 Plot No - 170(P), 174(P), 173(P), 177, 178(P) & 198(P) Area- 05.00 Acres in Post- Mirachandi, P.S-Mirachandi, District Sahibganj (Jharkhand). Plantation has been done according to the approved mining plan and it will continue as per requirement.

This letter is hereby submitted to your office for documentary record.

Thanking you.

Your Faithfully

*Bina Lal Singh*  
Bina Lal Singh  
M/s Jai Maa Bhagwati Stone Works  
Dist. - Sahibganj

*Bina Lal Singh*  
जिला खनन पदाधिकारी  
साहिबगंज

**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**



**M/S RATAN BLACKSTONE WORKS**

The Manufacturer & Supplier of Stone Chips, Marble & Hygrocalc  
Ranchi, Jharkhand

Address: Mouza-Borna, P.O. Bishanpur, P.S. Ranga, Dist. Sahibganj, Jharkhand

Ref No. : \_\_\_\_\_ Date: 22/11/2024

To,  
The District Mining Officer,  
Sahibganj (Jharkhand)

Sub: DSR Approval for Minor Minerals.

Respected Sir,

As per above subject plantation work of more than 2250 plants has been done in my mining lease area Mouza: Karama, Khata No. 34, P/O. No. 386, area: 8.09 acre P.O. Sahibganj, P.S. Bishanpur, District: Sahibganj, Jharkhand. According to the approved mining plan, plantation had to be done. I will do the plantation according to the approved mining plan in the next 6 months.

This letter is hereby submitted to your good office for documentary record.

Thanking you

Yours faithfully

M/S Ratan Black Stone  
Mouza: Karama  
Dist. Sahibganj

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**M/S PRATIK STONE WORKS**

P.O. - PUNTA KUMAR PANDIT

Mouza: Sahibganj, P.S. Bishanpur, Dist. Sahibganj, Jharkhand

Date: 25/11/2024

To:

The District Mining Officer,  
Sahibganj (Jharkhand)

Sub: DSR Approval for Minor Minerals.

Respected Sir,

As per above subject (plantation) work of 2000 plants has been done in my mining lease area at Viji-Guamari, Khata No. 15, Plot No. 213, 155, Area: 2.36 acre in P.O. - P.S. Murambaikha, Jharkhand. According to the approved mining plan, plantation had to be done. I will do plantation according to approved Mining Plan in next 06 Months.

This letter is hereby submitted to your good office for documentary record.

Thanking you.

Yours faithfully

M/S Pratik Stone Works

Viji-Guamari, P.S. Murambaikha, Jharkhand

Phone: 9837930000  
Cell No: 9837930000  
Email: pratikstoneworks@gmail.com  
Date: 25/11/2024

**SHIV SHAKTI STONE WORKS**

**BORNA STONE MINES**

Mouza- Borna, P.O. Bishanpur, P.S. Ranga, Dist. Sahibganj

Ref No. : \_\_\_\_\_

Date: 22/11/2024

To,

The District Mining Officer,  
Sahibganj (Jharkhand)

Sub: DSR Approval for Minor Minerals.

Respected Sir,

As per above subject plantation work of 600 plants has been done in my mining lease area at Mouza-Borna, Plot No- 437/P, 438/P, 439/P. Khata No- 70, 52, 37. Area- 04.00 acres in P.S-Ranga, District-Sahibganj (Jharkhand). According to the approved Mining Plan plantation had to be done. I will do Plantation according to approved Mining Plan in next 06 Months. Plantation will be done time to time as per requirement.

This letter is hereby submitted to your good office for documentary record.

Thanking you.

Your Faithfully

Shankar Kumar

Prop Shankar Kumar  
M/s. Shiv Shakti Stone Works  
Mouza- Borna  
Dist-Sahibganj  
(Jharkhand)



**M/S. RAJESH KUMAR CHOUBEY**

**BORNA STONE MINE**

P.O. - BARBARWA - BISHNUPUR  
DIST - SAHIBGANJ (JHARKHAND)

Ref No. 01/2024/100

Date: 20/11/2024

To,

The District Mining Officer,  
Sahibganj, Jharkhand

Sub: DSR Approval for Minor Minerals.

Respected Sir,

As per above subject plantation work of 1200 plants has been done in my mining lease area at Mouza: Borna, Plot No-445P, 447P, 448, Area- 3 Acres, in P.S-Ranga, Dist- Sahibganj, Jharkhand. According to the approved Mining Plan plantation had to be done. I will do plantation according to approved Mining Plan in next 6 Months.

Plantation will be done time to time as per requirement.

This letter is hereby submitted to your office for documentary record.

Thanking You

Yours Faithfully

Rajesh Kumar Choubey

RAJESH KUMAR CHOUBEY  
BARKTA, BARBARWA  
SAHIBGANJ (JHARKHAND)  
816101

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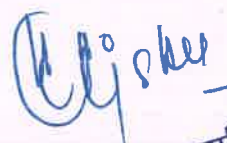
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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**



Sl No.	Mines Name	Address of Mines	Status of Mines	Area of Mines (Ha.)	Total Plantation as per Guidelines	No of Plantation at site	Remarks
1	M/S VANSLA GRANITE. PROP: SMT. BINA SINGH W/O - LATE PRATAPESHWAR	VILL.: CHALPAHAR, THANA: TALJHARI, PLOT NO.: 55 & 56 DIST.: SAHIBGANJ, JHARKHAND	Working	0.61	650		650
2	SRI RAJESH KUMAR JAISWAL FATHER: SRI, HIRALAL BHAGAT	VILL.: MUNDLI, TEHSIL: MANDRO, PLOT NO.: 54(P), 57(P) & 54(P), DIST.: SAHIBGANJ, JHARKHAND	Working	2.63	2800		2800
3	PROP.: SRI ALOK RANJAN, CHUWE STONE DEPOSIT	VILL.: CHUWE, THANA: MIRZACHOUKI, PLOT NO.: 88(P), 71P, 72P, 73P KHATA NO.- 12, 17, 02, DIST.: SAHIBGANJ, JHARKHAND	Working	2.12	2300	6500	
4	BORNA STONE MINE, SRI SHANKAR KUMAR	VILLAGRE- BORNA , P S - BARHARWA , DISTRICT - SAHIBGANJ	Working	1.011	1100		1100



  
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5	M/S SANKAT MOCHAN STONE, CHUWA STONE MINE	VILLAGE- CHUWA, PLOT NO.- 19P, 35, 70P, J.B. NO.- 09, 04, P S - JIRWABARI, DISTRICT - SAHIBGANJ	Working	3.64	4000	3500	500
6	M/S HILL TOUCH STONE WORKS, PAKARIA STONE DEPOSIT	VILLAGE- PAKARIYA, PLOT NO.- 128, 129P, 132P, 134 & KHATA NO.- 43, 39, 25, 29, P.S - MIRZACHOUKI, DISTRICT - SAHIBGANJ	Working	3.03	3200	2000	1200
7	M/S KHUSHIMINA STONE WORKS, TALMI UJDAHA STONE DEPOSIT	VILLAGE- TALMI UJDAHA, PLOT NO.- 139P, 140P, 141, 185P, 145P, 184P, 144P & KHATA NO.- 9, 21, 28, P.S - BORIO, DISTRICT -SAHIBGANJ	Working	2.37	2500	1850	700
8	M/S MAA VAISHNAVI STONE WORKS, MUNDALI STONE MINES	VILLAGE -MUNDLI, PLOT NO.- 55 & 56, KHATA NO.- 17, P S - MUNDLI, DISTRICT - SAHIBGANJ	Working	2.22	2400	4500	
9	M/S GENERAL MINES COMPANY	VILLAGE: AAMJORA BUNGLOW-SAKROGARH, PLOT NO.- 237, 241 & KHATA NO.- 18, 19, DIST-SAHIBGANJ		3.32	3500		3500
10	M/S JAI MAA TARA STONE WORKS, PAKARIA STONE DEPOSIT	VILLAGE: PAKARIA, PLOT NO.- 01, 02, 03, 05, 06, 07 & KHATA NO.- 04, 39, 12, P.S - MIRZACHOUKI, DIST- SAHIBGANJ		3.24	3500		3500



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11	PRO- RAHUL KUMAR, BORNA STONE MINES	VILLAGE- BORNA, PLOT NO.- 437P, 438P, 439P & KHATA NO.- 70, 52, 37, P.S.- RANGA, DIST- SAHIBGANJ	Working	1.62	1700	600	1100
12	M/S OM SAI STONE WORKS, DEMBA STONE DEPOSIT	VILLAGE- MAJHIKOLA, PLOT NO.- 211P, 212P, 213P, P S - MAHADEOGANJ , DISTRICT - SAHIBGANJ	Non-Working	3.03	3200		3200
13	BORNA STONE MINE SRI RAJESH KUMAR CHOUBEY	VILLAGE: BORNA, PLOT NO.- 440P, 447P, 448, PO & PS- BARHARWA, DIST- SAHIBGANJ	Non-Working	1.21	1300	1200	100
14	M/S VIDYARTHI STONE WORKS, GADWA STONE MINE	VILLAGE- GADWA , PLOT NO.- 63P, 72 & 80, P S -TALJHARI , DISTRICT -SAHIBGANJ	Working	4.45	4700	3450	1300
15	M/S PRATEEK STONE WORKS, GILAMARI STONE DEPOSIT	VILLAGE GILAMARI, PLOT NO.- 154, 155, THANA- MIRZACHOWKI DIST- SAHIBGANJ	Working	3.38	3600	2000	1600
16	M/S MINAKSHI STONE WORKS, DEMBA STONE MINE	VILLAGE- DEMBA , PLOT NO.- 57P, 59, 62P, 63, 64, 65, 66 & KHATA NO.- 22, 37, 21, 30, 11, 21, P S -DEMBA , DISTRICT - SAHIBGANJ	Working	4.05	4400		



  
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17	M/S BOBY STONE WORKS, MD. AMINUL ISLAM, GADAITUNGI STONE MINES	VILLAGE: GADAITUNGI, PLOT NO.- 129P & KHATA NO.- 04, P.O .- BAKUDIH, P.S. - TALJHARI, DIST-SAHIBGANJ	Working	1.11	1200		
18	PRO- MRINAL, PAKARIA STONE DEPOSIT	VILLAGE: PAKARIA, PLOT NO.- 127P, P.S. - MIRZACHOUKI DIST-SAHIBGANJ		2.02	2200		
19	M/S TRIDEV STONE WORKS, BEKCHURI STONE MINE	VILLAGE- BEKCHURI, PLOT NO.- 07, 13P, 14P, 15P, & KHATA NO.- 01, 03, 07, P S -BEKCHURI, DISTRICT -SAHIBGANJ	Working	4.17	4400	2000	2400
20	M/S ABHI STONE WORKS	VILLAGE- ROHRE, PLOT NO.- 07P, 09, 38, 45, KHATA NO.- 17, 07, 27 & 12, P.S.- MIRZACHOUKI, DIST.- SAHIBGANJ	Working	4.86	5200	2500	2700
21	GANGOPARA BEDO STONE MINES	VILLAGE-GANGUPARA BEDO, PLOT NO.- 44P & 25P, POST-BISHANPUR, P.S.- RANGA, DIST-SAHIBGANJ (JHARKHAND)	Working	2.83	3000		
22	M/S-NEHA BLACK STONE WORKS,GANGUPARA BEDO STONE MINES	VILLAGE - GUNGOPADA BEDO, PLOT NO.- 11, 15, 16, 17, 24P & 25P, THANA - RANGA, DIST.- SAHIBGANJ	Expired	2.43	2600		



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23	M/S-RAJAN STONE WORKS, BORNA STONE MINE	VILLAGE- BORNA, PLOT NO.- 52P, 53, 54, 55, 56, 58, 60, 61, 57, 59, 249, 250, 251, 252, P.O. + P.S. : BARHARWA, DISTRICT: SAHIBGANJ, STATE: JHARKHAND	Working	3.51	3800	2500	1300
24	M/S- AYACHI ENTERPRISES, CHUWA STONE DEPOSIT	VILLAGE- CHUWA, PLOT NO.- 42, 44, 45, KHATA NO.- 19, 01, 31, P S -SAHEBGANJ , DISTRICT - SAHEBGANJ	Working	3.44	3800	2860	1000
25	M/S-MAA DURGE STONE WORKS, GILAMARI STONE DEPOSIT	VILLAGE- GILAMARI, PLOT NO.- 167P & KHATA NO.- 33, THANA-MIRZACHOWKI, DIST- SAHIBGANJ	Working	3.04	3200		
26	M/S-AYACHI ENTERPRISES, GILAMARI STONE DEPOSIT	VILLAGE- GILAMARI, PLOT NO.- 208P, 210P, 214P, 215P, 216, 217 KHATA NO.- 18, 49, 24, 21, 18, 21, P.O + P.S. - MIRZA CHOUKI, DISTRICT -SAHEBGANJ	Working	2.63	2800	2350	500
27	PRO.- SRI MADAN KANT, KIROKUDIA STONE MINE	VILLAGE: KIROKURIA, PLOT NO.- 18P, 19, 20, 21P, TEHSIL- TALJHARI, DIST-SAHIBGANJ	Non-Working	1.98	2200		
28	MARGARO STONE MINE NAJNEEN BIWI	VILLAGE: MARGARO, PLOT NO.- 106P & KHATA NO.- 39, P.S.-BARHAI, DIST- SAHIBGANJ	Non-Working	2.02	2200		




  
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29	M/S- A.R.K. NIRAMAN(P) LIMITED, BORNA STONE MINE	VILLAGE-BORNA, PLOT NO.- 219P, 400, 402P, 399, 396, 397, 398, 214P & 215, P.S.- RANGA DIST- SAHIBGANJ(JHARKHAND)	Working	3.49	3700		
30	PRO. SMT. MIRU SOREN, BORNA STONE MINE	VILLAGE-BORNA, PLOT NO.- 191, 192, 234, 235, 236, P.S.- RANGA, DIST-SAHIBGANJ (JHARKHAND)	Expired	2.63	2800		
31	M/S -BHURKUNDA STONE MINES SRI MANIKANT MISHRA	VILLAGE: BHURKUNDA, PLOT NO.- 64P, & 65, JB NO.- 08, P.S.- BORIO, CIRCLE- MANDRO, SUB DIVISION- RAJMAHAL, DIST- SAHIBGANJ		2.21	2400		
32	PROP. - MD. WAHID SEKH, BUNDA-BARAGHATI STONE MINE	VILLAGE- BUNDA-BARAGHATI, PLOT NO.- 361P & JB NO.- 56, THANA- RANGA, DIST- SAHIBGANJ	Expired	0.81	900		
33	PRO.- SRI DINESH KUMAR YADAV, KIROKURIA STONE MINE	VILLAGE: KIROKURIA, PLOT NO.- 04P, 08P, 09P, 30P, TEHSIL-TALJHARI DIST- SAHIBGANJ	Working	3.73	4000	5000	
34	M/S-SOMNATH GHOSH, PATHRIA STONE MINE	VILLAGE- PATHARIA, PLOT NO- 216,217,218,219,220,221,222,223, 224,225 & 226, THANA- KOTALPOKHAR, DIST- SAHIBGANJ	Working	1.62	1800		



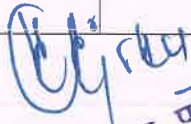
  
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35	M/S -MAHARANI STONE WORKS SRI BHUTKUN YADAV	VILLAGE- DEMBA, NO 08, PLOT NO.- 192, 193P, 194P, 195, 196, 197P, 198P, & 199P, JB. NO.- 13, 20, 02, 36, 37, 19, SUB DIVISION- RAJMAHAL DIST-SAHIBGANJ	Non-Working	3.28	3500		
36	M/S-MAHADEV BLACK STONE COMPANY,KODRA STONE MINE	VILLAGE-KODRA, PLOT NO.- 1P, 15P, 16P, 17P, & 22P & KHATA NO.- 5, 12, P.O. - RANGA THANA- TALJARI DIST-SAHIBGANJ	Working	3.59	3800		
37	PRO.- MD. FARUK SHEIKH, MAYURKOLA STONE MINE	VILLAGE- MAYURKOLA, PLOT NO.- 7900, 791, 795, 796, 797P & KHATA NO.- 208, THANA- KOTALPOKHAR DIST- SAHIBGANJ	Expired	1.67	1800		
38	M/S-JHARKHAND STONE WORKS, LEBA STONE DEPOSIT	VILLAGE- LEBA, PLOTNO.- 05P & KHATA NO.- 04 P.S. - TALJHARI, P.O.- TINPAHAR, DIST. -SAHIBGANJ, JHARKHAND.	Working	2.83	3000	3000	
39	M/S- DEV BLACK STONE WORKS,BORNA STONE MINE	VILLAGE- BORNA, PLOT NO.- 273, 432, 433, 299, 420, 421, 417, 418, 419, 422, & KHATA NO.- 58, 65, 52, 24, 44, P.S. - RANGA DIST-SAHIBGANJ	Working	3.38	3600	2000	



  
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40	M/S-JAI MAA BHAGWATI STONE WORKS SRI HIRALAL BHAGAT	VILLAGE- BINDRI BANDARKOLA , P S -BORIO , DISTRICT -SAHIBGANJ	Non-Working	2.835	3000		
41	M/S- C.T.S INDUSTRIES LTD.	VILLAGE- JOKMARI, P.S.- BORIO (JIREWABARI) DIST.- SAHIBGANJ	Working	4.452	4700		
42	PRO.- ASRAFUL HAQUE,BORNA STONE MINES	VILLAGE- BORNA, PLOT NO.- 468P, 469P, P.S. - RANGA, DIST- SAHIBGANJ, STATE- JHARKHAND	Working	1.66	1800	1800	
43	M/S - A.R.J. STONE WORKS MD. ALAMGEER	VILLAGE: AMDANDA PAHAR. PLOT NO.- 210P, 211, 212, 218 & J.B. NO.- 51, 15, P.O.- BINDUDHAM P.S- RANGA, DIST-SAHIBGANJ	Expired	2.02	2200		
44	PRO. KEDAR NATH MUKHERJEE.GANGUP ADA MAKO STONE MINE	VILLAGE- GANGUPADA MAKO, PLOT NO.- 13 & 14, TEHSIL- PATHNA DIST-SAHIBGANJ	Non-Working	1.21	1300		




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45	PRO.-SRI CHATURANAND PANDEY, JOKMARI STONE DEPOSIT	VILLGAE- JOKMARI, TEHSIL- SAHIBGANJ, DISTRICT - SAHIBGANJ	Working	1.93	2040	3350
46	M/S-HINDUSTAN STONE BUILD, CHAPANDE STONE MINE	VILLAGE- CHAPANDE, PLOT NO.- 47, 49, 50, 51, 52, 44, 45P & 48, KHATA NO.- 11, 03, 31, TEHSIL-PATHNA DIST- SAHIBGANJ	Working	2.48	2600	
47	KARAMBI STONE MINE PROP: MD. EHTESHAM	VILLAGE- KARAMBI, P S - JURWABARI, DISTRICT - SAHIBGANJ	Non-Working	8.78	9300	
48	M/S-RAM KRISHNA PATTHAR UDYOG, PAKARIYA STONE MINE	VILLAGE: PAKARIYA, PLOT NO.- 60, 57, 58, 41, 42, 43, 40P & KHATA NO.- 27, 38, 28, 12, 45, 25, THANA- MIRZACHOUKI, DISTRICT-SAHEBGANJ, JHARKHAND	Non-Working	4.05	4300	
49	M/S O.P. STONE WORKS, SUNDRE STONE DEPOSIT	VILLAGE- SUNDARE, P S - SUNDARE, DISTRICT - SAHIBGANJ	Working	2.83	3000	



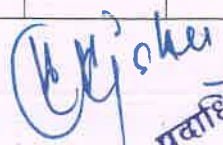
  
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50	M/S SHIV SHAKTI ENTERPRISES, PAKARIYA STONR DEPOSIT	VILL.: PAKARIYA. BANGLOW. SAKROGARH. DIST. : SAHIBGANJ	Working	4.74	5000		
51	M/S-JAI MAA DURGA STONE WORKS, GUTTI BERA STONE MINES	VILLAGE-JOCKMARI, GUTTI BERA, PLOT NO.- 147P, 150, P.S.- MAHADEVGANJ, DIST- SAHIBGANJ (JHARKHAND)	Working	1.83	2000		
52	M/S B.B.A. STONE WORKS, TALMI UJADAHA STONE MINE	VILLAGE - TALMI UJADHA, P.S.- MIRZACHOUKI, DIST.- SAHIBGANJ	Working	3.74	4000		
53	M/S RATAN BLACK STONE, KARAMBI STONE MINE	VILLAGE- -KARAMBI, P S - KARAMBI, DISTRICT - SAHIBGANJ	Working	3.23	3400	2250	
54	M/S USHA STONE WORKS, LOHANDO MAKO STONE DEPOSIT	VILLAGE- LOHANDA MAKO, P S -LOHANDA MAKO, DISTRICT -SAHIBGANJ	Working	3.68	3900		



  
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55	M/S S.S. BLACK STONE WORKS,BELBHADRI STONE MINE	VILLAGE- BELBHADRI, P.S.- BELBHADRI, DIST.- SAHIBGANJ	Working	3.64	3900		
56	M/S SRI RAMPAL CHAUDHARY,DEMBA STONE DEPOSIT	VILLAGE- DEMBA. PLOT NO.- 223, 224, 225, 226P, 243P & KHATA NO.- 23, 06, 32, THANA- MAHADEVGANJ, DIST- SAHIBGANJ	Working	4.05	4300		
57	M/S MAA DURGA STONE WORKS,KULBHANGA STONE DEPOSIT	VILLAGE- KULBHANGA , P S - JIRWABARI OP , DISTRICT - SAHIBGANJ	Working	4.7	5000		
58	M/S ADARSH GROUP,JOKMARI STONE MINE	VILLAGE- JOKMARI, P.S.- SAHIBGANJ, DIST.- SAHIBGANJ	Working	3.04	3200		
59	PRO- MANJOJ KUMAR SAH MUNDALI STONE MINE		Working	1.62	1700		
60	PRO-SHRI MADAN KANT,KIROKURIA STONE MINE	VILLAGE- KIROKURIA, P.S.- SAKRIGALI, DIST.- SAHIBGANJ	Working	2.43	2600		
61	M/S BABA PROJECTS PVT. LTD., PACHRUKHI STONE MINES	VILLAGE- PACHRUKHI, P.S.- BORIYO, DIST.- SAHIBGANJ, STATE- JHARKHAND	Working	5.67	6000		
62	M/S S.D. ENTERPRISE,DHATAPARA STONE MINE	MOUZA -DHATAPARA,P.O. - PATHARIA, P.S. - KOTALPUKUR,(BARHARWA), DIST .- SAHIBGANJ,	Working	2.43	2600		



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63	M/S KASHI BUILDERS & SERVICES PVT.LTD,BELBHADRI STONE DEPOSIT		Working	1.32	1400		
64	M/S MAA RAKSHA KALI STONE WORKS,MALITOK STONE MINES	VILLAGE- MALITOK, PLOT NO.- 149P, 150, 151 & 153P, P.O. & P.S.- CHOUKIDHAB UDHWA,DIST-SAHIBGANJ	Working	1.64	1730		
65	M/S MAHAVEER ENGICONS PRIVATE LIMITED,DEMBA STONE MINE	VILLAGE- DEMBA, TESHIL-MANDRO, DIST.- SAHIBGANJ	Working	3.1	3300		
66	MD. IQBAL,DHATAPARA STONE MINE	VILLAGE- DHATAPARA, PLOT NO.- 442, 444, 350, 344, 443, 349, JB. NO.- 31, 51, 76, 01, 10, THANA-KOTALPOKHAR DIST-SAHIBGANJ	Working	2.42	2600		
67	M/S -K.P. & G. SONS SMT. RENU BOHRA,W/O- SRI. NEERAJ KUMAR BOHRA	VILLAGE- AMDANDA PAHAR P.O.- BINDUDHAM P.S-RANGA DIST-SAHIBGANJ	Working	3.17	3350		
68	MD. JAHID,DHATAPARA & FATHEHPUR STONE MINE	VILLAGE- DHATAPARA & FATEHPUR P.O.- PATHARIA P.S-	Working	3.28	3500		
69	MD. SIRAJ. BORNA STONE MINE	VILLAGE- BORNA, TEHSIL-PATHNA, DIST.-SAHIBGANJ	Non-Working	2.12	2250		



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70	ABDUL RAJJAK BORNA STONE MINE	VILLAGE- BOARNA, P.S- BORNA, DIST.- SAHIBGANJ	WORKING	2.222	2350		
71	BUDHAWA PAHARIA	VILLAGE- MULDIL, THANA - MIRJACHOUKI, DIST.- SAHIBGANJ, JHARKHAND	NON- WORKING	1.21	1300		
72	CHANDAN KUMAR GUPTA	VILLAGE- KATEKOWA , P S - RAJMAHAL , DISTRICT - SAHIBGANJ	Working	2.79	3000		
73	MAA AMBIKA TRADERS	JB NO:-26,64,19, PLOT NO.69,64,67,70(P),64(P),68(P) VILL-BORNA,PS-RANGA,DIST- SAHIBGANJ,JHARKHAND	Working	1.77	1900		
74	MS A.R.S ENTERPRISES SRI CHANDESHWAR PRASAD SINHA	JB NO-12,PLOT NO-2,VILL- KORDAR,THANA-RANGA,DIST- SAHIBGANJ	Working	2.79	3000		
75	MS BANDANA STONE WORKS MR. RAKESH RANJAN	VILLAGE- LOHANDO MAKO, BLOCK- BORIO, DIST. - SAHIBGANJ, JHARKHAND	Working	2.72	2900		
76	MS BHAGWAN STONE WORKS PROP .: SRI JAGANNATH BHAGAT	VILLAGE - BORNA , P S -BORNA , DISTRICT -SAHIBGANJ	Working	2.9	3100		
77	MS BHAGWAN STONE WORKS PROP .: SRI JAGANNATH BHAGAT	VILLAGE- BORNA, P.S.- BORNA, DIST.- SAHIBGANJ	Working	2.42	2550		
78	MS BHAI BHAI STONE WORKS MAKSUR SHEIKH	VILLAGE - BANSPA HAR , P S - BANSPA HAR , DISTRICT - SAHIBGANJ	Working	2.995	3150		
79	MS BIHAR BENTONITE SUPPLY CO. SRI KISHORE KUMAR KHEMANI,	VILLAGE- CHALPAHAR & PATNIBONA, P.S -PATNIBONA, DISTRICT -SAHIBGANJ	Working	9.08	9600		



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80	MS BLACK STONE WORKS SHRI VED PRAKASH KHUNDANIA	VILLAGE - DESHPOKHRIA AND AMJHOR, P.S.- SAHIBGANJ, DIST.- SAHIBGANJ	Working	6.856	7250		
81	MS GANGA STONE WORKS,TELO STONE MINE PROP.: SRI ARUN KUMAR	VILLAGE- TELO, P.S. - TELO, DIST. - SAHIBGANJ	Working	4.715	5000	2600	
82	MS HARILAL AJOY AND CO PART- SHRI RANJAN KUMAR VERMA,	VILLAGE- PATNIBONA & CHOWKIPAHAR , P S - PATNIBONA AND CHOWKIPAHAR , District - SAHIBGANJ	Working	6.03	6400		
83	MS JAI MATADI STONE WORKS,DAMINBHITH A STONE DEPOSIT	VILLAGE- DAMINBHITHA, P.S.- DAMINBHITHA, DIST.- SAHIBGANJ	Working	2.75	2900		
84	MS JIAL DAS COMPENY,PAKTURI STONE MINE	VILLAGE- PAKTURI, P.S - TALJHARI, DIST- SAHEBGANJ, STATE- JHARKHAND.	Working	13.53	14300		
85	MS JIAL DAS AND CO	PAKTURI	Working	2.77	2950		
86	MS MAA LAXMI STONE WORKS PROPRIETOR - SRI VIKASH KUMAR	VILLAGE- DEMBA, P.S.- BORIO (JIRWABARI), DIST.- SAHIBGANJ	Working	4.654	4910		
87	MS MAA SHITLA STONE WORKS SRI SANJAY KUMAR YADAV	VILLAGE- GADWA , P S - TALJHARI , DISTRICT - SAHIBGANJ	Working	3.67	3900	1700	
88	MS MAA TARA STONE WORKS BRIJMOHAN SHARMA	GUDAITUNGI	Working	1.45	1530		



  
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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE) / EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**



89	MS MAHAVEER ENGICONS PVT LTD, DEMBA STONE MINE	VILLAGE- DEMBA , PLOT NO .- 197(P), 198(P), 206, 207(P), 208(P), 209(P), P S - MAHADEOGANJ, DISTRICT - SAHIBGANJ	Working	4.84	5100		
90	MS MD ALAM AND BROTHER, GUDAITUN GI STONE MINE	VILLAGE- GUDAITUNGI. P S - GUDAITUNGI , District - SAHEBGANJ	Working	3.238	3400	3000	
91	MS MOHAN AND SANJAY STONE WORKS	VILLAGE-GADWA, THANA. TALJHARI, ANCHAL. RAJMAHAL, DISTRICT- SAHIBGANJ, JHARKHAND)	Non- Working	2.33	2450		
92	MS NATURAL MINING AND CONSTRUCTION PVT LTD	VILLAGE -GANGOPARA, DISTRICT -SAHIBGANJ	Working	3.54	3750	2238	1600
93	MS OM STONE WORKS SRI GYAN PRAKASH SINGH	VILLAGE -PIPALJORI, PLOT NO.- 37, 38, 39, 40, 41, 42, 43P, 44P, 45, 46P, 55, 56, 57, 58, 59, 60, 61P, P.S -KOTALPOKHAR , DIST.- SAHIBGANJ	Working	4.29	4550		
94	MS PAHARIA STONE WORKS	VILLAGE- BANSPAHAR, P.S.- BANSPAHAR, DIST.- SAHIBGANJ	Non- Working	3.1671	3350		
95	MS PATNIBONA STONE QUARRY	VILLAGE - PATNIBONA , P S - PATNIBONA . DISTRICT - SAHIBGANJ	Working	4.05	4280	5000	
96	MS PRATIK STONE WORKS- PINTU KUMAR PANDIT	VILLAGE- -GILAMARI, P S - MIRZACHOWKI , DISTRICT - SAHIBGANJ	Working	3.38	3600	2000	



  
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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/ EARTH WORK  
OTHER THAN SAND MINING OR RIVER-RED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**



97	MS R.B STONE WORKS, MAYURKOLA STONE MINE	VILLAGE- MAYURKOLA, PIPAJORI, LOHATI , P S -KOTALPOKHAR , DISTRICT -SAHIBGANJ	Working	4.553	4800	
98	MS RAJA MINERALS AND COMPANY	VILLAGE- SAIDPUR , P S - SAIDPUR BUJRUG , DISTRICT - SAHEBGANJ	Working	7.12	7500	
99	MS RAJAN STONE WORKS	KHATA NO-37,43,18,76 PLOT NO-44(P) & 49,45,46,47,48,51,52(P),85(P),VIL L-BORNA,PO-BISHANPUR,DIST- SAHIBGANJ,JHARKHAND	Working	1.89	2000	
100	MS SHAH STONE,BARA PANCHKULI STONE MINE	VILLAGE- BARA PANCHKULI, P.S. - BARHAI DIST- SAHIBGANJ	Working	1.66	1750	
101	MS SHIV SHAKTI STONE WORKS	VILLAGE- BORNA, P.S.- BORNA, DIST.- SAHIBGANJ	Working	1.62	1700	
102	MS SHIV SHAKTI STONE WORKS,MODIKOLA STONE DEPOSIT	VILLAGE- MODIKOLA, PLOT NO.- 1P, 2P, 3, 4, 5, 6, 7, 8, 9, 10P, 11, 14, 21, 22, 23, P S - RANGA, DISTRICT -SAHIBGANJ	Working	3.07 HA	3250	1700
103	MS SHREE GURU STONE WORKS,FATHEPUR & DHATAPARA STONE MINE	VILLAGE - -FATHEPUR AND DHATAPARA, PLOT NO.- 541/P, 621, 622, 623/P, 624/P, 625/P, 626/P, 631 & KHATA NO.- 14, 01, 62, 13, 78, 80, 17, P S - KOTALPOKHAR , DISTRICT - SAHIBGANJ	Working	4.28 HA	4550	
104	M/S SRI RAM STONE WORKS,PAKARIA STONE DEPOSIT	VILLAGE- PAKARIYA, PLOT NO.- 55P, 56P, 127P & KHATA NO.- 08, 14, 25, P.O. + P.S. - MIRZACHOUKI , DISTRICT - SAHIBGANJ	Non-Working	2.428 HA	2550	2000
105	MS STAR INDIA INDUSTRIES,CHHOTA DAMIN BHITTA STONE MINE	VILLAGR - CHHOTA DAMINBHITTA , P S - MIRZACHOUKI , DISTRICT - SAHIBGANJ	Working	4.86 HA	5150	
106	MS SWASTIK MINERAL AGENCY,RORO STONE MINE	VILLAGE- RORO , P S - RORO, DIST. -SAHIBGANJ	Working	4.86 HA	5150	7000



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OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**



107	MS SWASTIK MINERAL AGENCY PROP.: SHRI VIKRAM PRATAP	VILLAGE- GADAI TUNGI & CHALPAHAR , P S - TALJHARI, DISTRICT - SAHIBGANJ	Working	2.63 HA	2800	3500
108	MS SWASTIK MINERAL AGENCY PROP.: SHRI VIKRAM PRATAP	VILLAGE- KARIGUNIA , P S - KARIGUNIA , DISTRICT - SAHIBGANJ	Working	14.985 HA	15900	16000
109	MS VANSLA GRANITE, CHALPAHAR & PATNIBONA STONE MINE,	VILLAGE - PATNIBONA & CHALPAHAR , P S -PATNIBONA AND CHALPAHAR , DISTRICT - SAHIBGANJ ,	Working	2.79 HA	3000	2500
110	MS YASHRAJ BLACK STONE WORKS SRI BAJRANGI PRASAD YADAV	VILLAGE- DEMBA , P S -DEMBA , DISTRICT -SAHIBGANJ	Working	4.96 HA	5250	
111	RAHUL METALS SRI SANJIV KUMAR GUPTA	VILLAGE- BARABANAPARA AND MATTIYAN , P S -BAKUDI , DISTRICT -SAHIBGANJ	Working	9.08 HA	9600	
112	MS SHRI SATYNATH SAH	VILLAGE- BINDARI BANDARKOLA, P.S.- BORIO, DIST.- SAHIBGANJ	Working	1.62 HA	1700	
113	SONE GANGA STONES PRIVATE LTD	VILLAGE - DEMBA , P S - JIRWABARI , DISTRICT - SAHIBGANJ	Working	4.05 HA	4300	
114	SRI CHAMAN TULSYAN, JOKMARI STONE MINE	VILLAGE- JOKMARI (GUTTI BEDA) , P S - DISTRICT - SAHIBGANJ	Working	3.116 HA	3300	



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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**



115	M/S A.R.K. NIRAMAN (P) LIMITED, BORNA STONE MINE	VILLAGE- BORNA , PLOT NO.- 201P, 202, 203, 216, 217P, 218P & 219P, P S -BORNA , DISTRICT - SAHIBGANJ	NON-WORKING	2.73 HA	2900		
116	SRI MANOJ KUMAR SAH, MUNDALI STONE MINE	VILLAGE- MUNDALI, P.S.- MIRZACHOWKI, DIST. - SAHIBGANJ, JHARKHAND.	Working	1.620 HA	1700		
117	DHATPARA STONE MINE, USMAN SEKH	VILLAGE- DHATAPARA, PLOT NO.- 305, 316, 306, 309 & 310, 308, 311 & 312, P S - KOTALPOKHAR, DISTRICT - SAHIBGANJ	Working	1.8387 HA	2000		
118	M/S ABBAS & SONS	VILLAGE- DHAMDHAMIA , P S - DHAMDHAMIA , DISTRICT - SAHIBGANJ	Working	1.611 Ha	1700		
119	M/S KASHI BUILDERS & SERVICES PVT. LTD.	VILLAGE- JOCKMARI , P S - JOKMARI , DISTRICT - SAHIBGANJ	Working	2.83 HA	3000		
120	M/S JINDAL STONE WORKS	VILLAGE- LOHANDA BEDO, P.S.- SAHIBGANJ, DIST.- SAHIBGANJ	Working	2.023 HA	2200		
121	M/S MAA GAYATRI STONE WORKS, MALITOK STONE MINE	VILLAGE- MALITOK, P.S.- BAKUDI, DIST.- SAHIBGANJ	Non-Working	2.11 HA	2250		
122	M/S SKY STONE WORKS, MAYURKOLA STONE MINE	VILLAGE- MAYURKOLA, PLOT NO.- 752, 753, 754, 755, 756, 761, 762, 763, 764, 766, 767, 768, 769, 770, 771 , PO- MAYURKOLA, P S - KOTALPOKHAR , DISTRICT - SAHIBGANJ	Working	2.86 HA	3000		




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OTHER THAN SAND MINING OR RIVER-BED MINING IN SAHIBGANJ DISTRICT  
OF JHARKHAND**



123	M/S MIRAPAHAR STONE MINES MD.RABBUL ANSARI,	VILLAGE- MIRAPARA , PLOT NO.- 100P, 101P, 105P & 106P, P S -BORIO, DISTRICT -SAHIBGANJ	Working	3.64 Ha	3850		
124	M/S BHAGWAN STONE & MINERALS,BUNDA BEDO BARAGHATI STONE MINE	VILL. - BUNDA BEDO BADAGHATI,TEHSIL- PATHNA, DIST- SHAHIBGANJ. JHARKHAND	Non-Working	2.83	3000		
125	M/S STAR INDIA MINING MINERAL,CHHOTA DAMINBHITTHA & BHUTAHA STONE MINE	VILLAGE- CHHOTA DAMINBHITTA & BHUTAHA. P.S.: MIRZACHOUKI,DISTRICT: SAHIBGANJ, STATE: JHARKHAND	Working	4.81	5100		
126	M/S MAA DURGA STONE WORKS PROP. - SRI BISHNU PRASAD YADAV,	VILLAGE- DALABADI, SUB DIVISION: RAJMAHAL, DIST.:SAHEBGANJ, JHARKHAND	Working	2.428	2600		
127	M/S SRI SHYAM STONE WORKS PARTNER - SRI VED PRAKASH KHUDANIA,	VILLAGE: CHUWA, THANA: SAKROGARH, THANA NO. 8,DIST. : SAHIBGANJ, JHARKHAND	Non- Working	2.93	3100		
128	M/S TARKESHWAR JAISWAL	VILLAGE- MUNDLI, P.S. : MIRZACHOWKI,DISTRICT: SAHIBGANJ, STATE: JHARKHAND	Non- Working	1.62	1700		
129	M/S MAA RAKSI STONE WORKS PART-SHRI TINKAL KUMAR BHAGAT	VILL-BHUTAHA. PO+PS- MIRZACHAUKI, DIST- SAHIBGANJ, JHARKHAND	Non- Working	1.27	1350		
130	M/S S.B. STONE WORKS SRI SOMNATH GHOSH	VILLAGE- PIPALJORI, PLOT NO. - 123, 124, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 160, 161, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000	Non- Working	4.82	5100		



  
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**DISTRICT SURVEY REPORT OF MINOR MINERAL (STONE)/EARTH WORK  
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OF JHARKHAND**



131	BELBHADRI STONE MINE, M/S-JAI MAA BHAGWATI STONE	VILLAGE-BHELBHADRI, PLOT NO.- 170P, 171P, 172P, 177, 178P & 190P, P.S.- MIRZACHOUKI DIST-SAHIBGANJ (JHARKHAND)	Non- Working	2.025	2150	1500
132	M/S-VAISHNAV STONE WORKS, DAMIN BHITA STONE MINE	VILLAGE-DAMIN BHITA, PLOT NO-3,4,5,13(P) KHATA NO-46, PLOT NO-17,20,21 KHATA NO-49, PLOT NO-22(P),23(P) KHATA NO-30, PLOT NO-15,16 KHATA NO-32, PLOT NO-24(P) KHATA NO-20, PLOT NO-19(P) KHATA NO-15, PLOT NO-14 KHATA NO-25, PLOT NO-6(P) KHATA NO-62, PLOT NO-9(P) KHATA NO-17, POST-MIRZACHOWKI, P.S.- MIRZACHOWKI, DIST-SAHIBGANJ (JHARKHAND)	Non- Working	4.34	4600	
133	BHUTHA STONE MINE SRI PRADHAN MURMU	VILLAGE- BHUTHA, PLOT NO-73(P) KHATA NO.- 07, THANA-MIRZACHOUKI, DIST-SAHIBGANJ	Non- Working	1.62	1700	
134	BORNA STONE MINES SRI. MUJIBUR RAHMAN	VILLAGE-BORNA P.S.- RANGA DIST-SAHIBGANJ (JHARKHAND)	Working	0.81	900	
135	MAA AMBIKA TRADERS GANGUPADA BEDO STONE MINE M/S SHIV STONE WORKS	PLOT NO-63,64,65,66,25(P),57(P), VILL-GANGUPADA BEDO, DIST-SAHIBGANJ	Working	4.59	4850	
136	AMARPUR MAKO-2 STONE MINE OF M. GEETA STONE WORKS	KHATA NO-1,15,17,,14,10 PLOT NO-64P,71P,77P,80P,81P,146P, VILL-AMARPUR MAKO-2, TEHSIL-BARHAIT, DIST-SAHIBGANJ	Working	2.985	3150	



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The Deputy Commissioner through District Mining Officer will ensure that the respective mines owner of the respective leases shall complete the plantation within six months from the date of approval of District Survey Report.

### References:

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  - National Institute of Disaster Management Report
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  - JSAC, Deptt. of Mines & Geology, Govt. of Jharkhand
  - <http://www.jharkhandminerals.gov.in>
  - <https://en.climate-data.org/asia/india/jharkhand/Sahibganj-969182/>
  - <https://en.wikipedia.org/wiki/Sahibganj>
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  - District Irrigation Plan – Sahibganj, Govt. of Jharkhand
  - [https://sameti.org/Soil\\_Inventory/Sahibganj\\_Soil\\_Analysis.pdf](https://sameti.org/Soil_Inventory/Sahibganj_Soil_Analysis.pdf)
  - JSMDC site
  - census2011.co.in
- National Informatics Centre.



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# Information

## Information

Title	Description	Start Date	End Date	File
District Survey Report of Minor Mineral-Stone/Earth Work (Other than sand Mining or River-Bed Mining)	Office of the Deputy Commissioner-Cum-District Magistrate, Sahibganj (Mining Branch)	18/10/2024	09/11/2024	<a href="#">View (7 MB)</a>
Schools allocated to teachers at Sahibganj transferred from other districts of Jharkhand	District Education Superintendent, Sahibganj	11/07/2024	30/09/2025	<a href="#">View (524 KB)</a>
Kisan Samridhhi Yojana- (ATMA) Sahibganj	Office: Agriculture Technology Management Agency (ATMA), Sahibganj	20/07/2024	31/12/2024	<a href="#">View (591 KB)</a>
General Notice - (PM-KISAN)	District Agriculture Office, Sahibganj	04/07/2024	13/07/2025	<a href="#">View (349 KB)</a>

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