

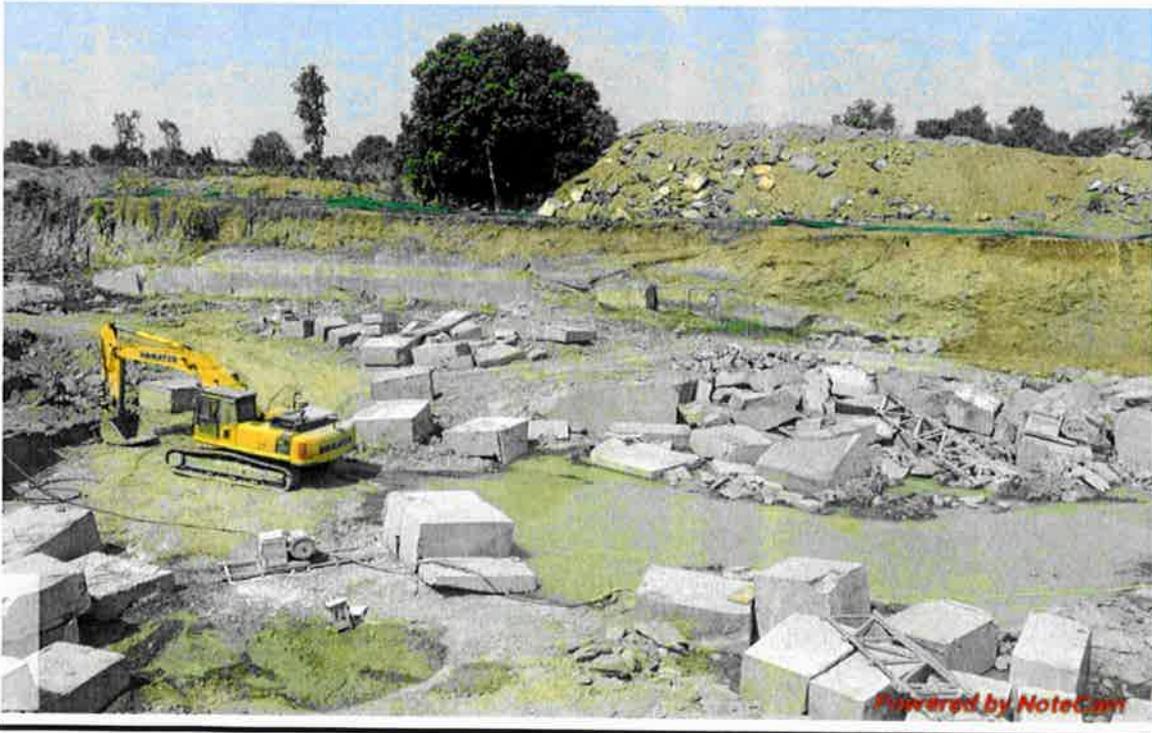
# DISTRICT SURVEY REPORT

## DISTRICT – SIDHI

YEAR 2021-22



## MINOR MINERALS OTHER THAN SAND



OFFICE OF COLLECTOR

(MINING SECTION)

DISTRICT SIDHI (M.P.)

*[Signature]*  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

कार्यालय कलेक्टर (खनिज शाखा) जिला-सीधी (म0प्र0)

Email-modgmsid@mp.gov.in

14

क्रमांक / 388 / खनिज / 2022  
प्रति,

सीधी, दिनांक 24/08 / 2022

सदस्य सचिव, (SEAC),  
पर्यावरण परिसर, ई-5, अरेरा कालोनी,  
भोपाल (म0प्र0)

विषय - सस्टेनेबल सैण्ड माइनिंग मैनेजमेंट गाईडलाईन 2016 एवं इनफोर्समेंट मानिट्रिंग फार सैण्ड माइनिंग 2020 के अंतर्गत जिला सर्वेक्षण रिपोर्ट के संबंध में।  
संदर्भ - 587वीं राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की बैठक दिनांक 02 अगस्त 2022।

---0000---

उपरोक्त विषयांतर्गत लेख है कि राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की 587 वीं बैठक दिनांक 02.08.2022 को सीधी जिले की नवीन जिला सर्वेक्षण रिपोर्ट 2022 (अन्य गौण खनिज) पर चर्चा की गई। चर्चा के आधार पर समिति द्वारा सुझाई गई जानकारियों का समावेश करते हुये संशाधित जिला सर्वेक्षण रिपोर्ट से संबंधित जानकारी का विवरण निम्नानुसार है :-

1. जिला सर्वेक्षण रिपोर्ट (अन्य गौण खनिज) में कुछ जानकारियां पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय द्वारा जारी अधिसूचना दिनांक 25.07.2018 द्वारा निर्धारित फार्मेट/तालिका में तैयार की गई है।
2. जिला सर्वेक्षण रिपोर्ट की तालिका 3 की जानकारी निर्धारित प्रपत्र में तैयार की गई है। प्रपत्र क्रमांक 9 के कालम 05, 13, 14, 15 एवं 16 की जानकारी निर्धारित की गई है।
3. जिला सर्वेक्षण रिपोर्ट की तालिका 14 की जानकारी निर्धारित प्रपत्र में तैयार कर ली गई है।
4. जिला सर्वेक्षण रिपोर्ट में निर्धारित प्रपत्र बिन्दु क्रमांक 18, 20, 25 एवं 26 जानकारियों का समावेश कर लिया गया है।
5. जिला सर्वेक्षण रिपोर्ट में जिले में स्थित ईको सेंसिटिव जोन (संजय टाईगर रिजर्व एवं सोन घड़ियाल वन्यप्राणी अभ्यारण्य) से संबंधित विस्तृत जानकारी जैसे कोर जोन, बफर जोन में आने वाले ग्रामों की सूची, पाये जाने वाले जंगली वन्यप्राणी, सीमा की जानकारी आदि तैयार की गई है।
6. जिला सर्वेक्षण रिपोर्ट में हरित क्षेत्र के विकास हेतु खदानों में वृक्षारोपण की जानकारी तैयार की गई है।

संलग्न :- उपरोक्तानुसार।

Dmy  
उपसंचालक

(खनिज प्रशासन)  
जिला-सीधी (म.प्र.)

सीधी, दिनांक 24/08 / 2022

पृष्ठानु क्रमांक / 389 / खनिज / 2022  
प्रतिलिपि :-

- 1- संचालक, भौमिकी तथा खनिकर्म म0प्र0 भोपाल की ओर परीक्षण एवं अनुमोदन की आवश्यक कार्यवाही हेतु सूचनार्थ।
- 2- सदस्य सचिव, (SEAC), पर्यावरण परिसर, ई-5, अरेरा कालोनी, भोपाल (म0प्र0) की आवश्यक कार्यवाही हेतु सूचनार्थ।

Dmy  
उपसंचालक  
(खनिज प्रशासन)  
जिला-सीधी (म.प्र.)

# District Survey Report: Sidhi

## Table of Contents

1. Introduction.....	4
1.1 Surrounding Districts .....	4
1.2 General Features .....	4
1.3 Location of the District .....	5
2. Overview of Mining Activity in the District .....	6
3. General Profile of the District.....	9
4. Geology of the District .....	10
5. Drainage of Irrigation Pattern .....	11
5.1 Drainage Pattern .....	11
5.2 Irrigation Practices.....	11
6. Land utilization Pattern in the District: Forest, Agricultural, Mining, etc., .....	12
7. Surface Water and Ground water scenario of the District.....	14
7.1 Ground Water .....	14
7.2 Surface Water .....	14
8. Rainfall of the District and Climate Conditions.....	16
8.1 Rainfall.....	16
8.2 Climatic Conditions .....	16
9. Details of the Mining leases in the District.....	19
10. Details of Royalty or Revenue received in last three years: .....	43
11. Details of Production of Minor Minerals in last three years.....	44
12. Mineral Map of District – .....	45
13. List of Letter of Intent (LOI) Holders in the District- .....	46
14. Total Mineral reserve available in District – .....	48
15. Quality/Grade of Mineral available in the District –.....	21
There is quality of mineral available as a major and minor grade is present in the Sidhi District. As we have assessed mineral availability of the district is fare and acceptable quality and it has commercial value. ....	21
16. Use of Mineral.....	21
17. Demand and Supply of the mineral in last three years-.....	22
18. Mining leases marked on the map of the District- .....	23
19. Details of the area of where there is a cluster of mining leases.....	23
20. Details of Eco – Sensitive Area, if any, in the District.....	30
20.1.1 THE GAZETTE OF INDIA : EXTRAORDINARY (PART II SEC. 3 II)	

# District Survey Report: Sidhi

20.1.2	MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE NOTIFICATION .....	31
20.1.3	Draft Notification .....	31
20.1.4	TABLE .....	38
6.	Terms of Reference.-.....	44
20.1.5	ANNEXURE-I .....	46
20.1.6	Annexure II List of villages with Co-ordinates falling within the Eco-sensitive zone .....	47
20.1.7	Performa of Action Taken Report: - Eco-sensitive Zone Monitoring Committee.- .....	49
20.1.8	THE GAZETTE OF INDIA : EXTRAORDINARY (PART II SEC. 3 II) 49	
20.1.9	MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE NOTIFICATION .....	49
21.	Impact on the Environment due to Mining Activity-.....	53
21.1	Air.....	53
21.2	Water Impact.....	53
21.3	Noise.....	53
21.4	Land Environment.....	53
21.5	Flora and Fauna.....	53
22.	Remedial Measures to mitigate the impact of Mining on the Environment:.....	54
22.1	Air.....	54
22.2	Water .....	54
22.3	Noise.....	54
22.4	Land Environment.....	55
22.5	Biological Environment.....	55
23.	Reclamation of Mined out area .....	55
24.	Risk Assessment & Disaster Management Plan: .....	56
24.1	General Responsibilities during an Emergency .....	56
24.2	Co-ordination with Local Authorities .....	56
25.	Details of the Occupational Health issues in the District- .....	56
26.	Plantation and Green Belt development in respect of leases already granted in the District-.....	57

## **List of Tables**

Table I	Administrative Setup of the District.....	5
---------	---	---

  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E 5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

Table 2 Mineral Production in the District (FY 2021-22) .....	7
Table 3 Other than Sand Mines in the District .....	19
Table 4 Land Use Pattern of the Study Area .....	12
Table 5 Details of Catchment Area.....	15

## List of Figures

Figure 1 Location Map of the District.....	5
Figure 2 Major Mineral production in the District .....	8
Figure 3 Minor Mineral production in the District .....	8
Figure 4 Geological Map of the District .....	10
Figure 5 Geomorphologic Map of the District .....	10
Figure 6 Drainage Map of the District .....	11
Figure 7 Land Use and Land Cover Map of the District.....	13
Figure 8 Water Resources Map of the District .....	15
Figure 9 Catchment Map of District .....	15

*Le Singh*  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Area Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

## District Survey Report: Sidhi

### 1. Introduction

In pursuance to the Gazette Notification, Ministry of Environment, Forest and Climate Change (MoEF& CC), the **Government of India Notification No S.O. 141 (E) Appendix- X, Dated 15.01.2016 & S.O. 3611 (E) New Delhi, 25<sup>th</sup> July 2018** laid procedure for preparation of District Survey Report of sand mining or river bed mining and other minor minerals of district. The main purpose of preparation of District Survey Report (DSR) is to identify the Sand and other minor minerals resources and developing the mining activities along with other relevant data of the district.

The process of making a DSR includes:

- Collection of baseline data from the department
- Development of related maps from satellite and secondary sources
- Understanding river flows and sedimentation vis-à-vis sand mining
- Tabulation and mapping of existing sand mining locations and yield
- Correlation with satellite data for pre and post monsoon sand yield
- Suggesting new locations for sand mining approvals
- Design and Development of DSR as per MoEF guidelines
- Interaction with line department for data / document ownership

#### 1.1 Surrounding Districts

The district Sidhi is located in the northeastern part of Madhya Pradesh. It is approximately at a distance of 632 km from the state capital Bhopal and 80 km from circle head office, Rewa. The district shares its borders with the states of Chhattisgarh and Uttar Pradesh. The western and southern boundary of the district touches the border of Rewa and Shahdol districts respectively. Sidhi extend by north latitude 23°45' and 24°45' and east longitudes 81°15' and 83°00' and lies in survey of India Toposheet Nos. 63H & I respectively.

#### 1.2 General Features

The Sidhi district is also known as the northeastern frontier of the state. From east to west it covers a distance of 155 km and from north to south the total stretch covered by the district is 95 Km. The district is spread across a total geographical area of 4720 sq. Km.. The Son River traverses the district flowing from west to east. The total area of the district is 4720 sq. km.

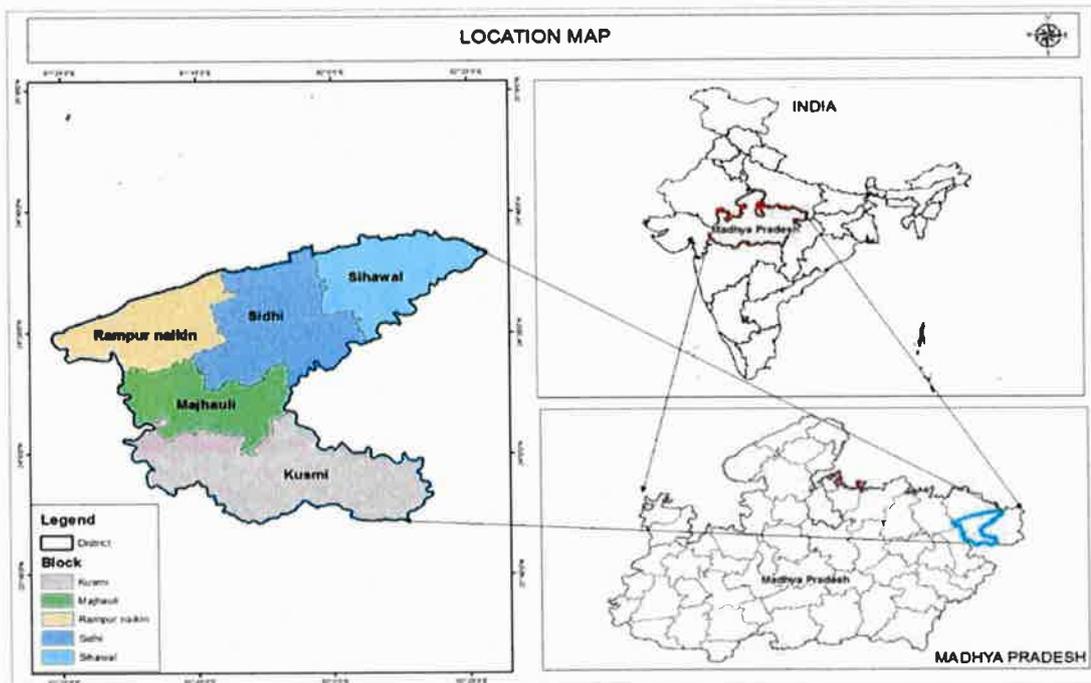
  
State Level Environment Impact  
Assessment Authority, M.P. 4  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

**Table 1 Administrative Setup of the District**

SUB-DIVISION	TEHSIL	BLOCKS
Gopad Banas	Kusmi	Sidhi
Sihawal	Churhat	Rampur Naikin
Majhauri	Majhauri	Sihawal
Kusmi	Rampur Naikin	Majhauri
Churhat	Gopad Banas	Kusmi
	Sihawal	
	Bahari	

## 1.3 Location of the District



**Figure 1 Location Map of the District**

  
 State Level Environment Impact  
 Assessment Authority, M.P.  
 (SEIAA)  
 Paryavaran Parishad  
 E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

## 2. Overview of Mining Activity in the District

The district is has at least 30 types of ores and composite mineral deposits. Earth or, sand and gravel is an important minor minerals extracted in the district. Small deposits of low-grade iron ore along with Monazites and Barites are other ores that occur in many locations across the district. Sporadic and some concentrated occurrence of granite veins were reported from the district. Similarly some low-grade copper and coal deposits were also recorded in various parts of Sidhi district.

Sidhi is rich in reserve of limestone. As minerals are found in North western part of Sidhi so the only one cement industry of mineral based is growing. So Sidhi has good position in commerce and industry field.

The District of Sidhi is richly endowed with Mineral Wealth. The following minerals are found in various Tehsil of Sidhi.

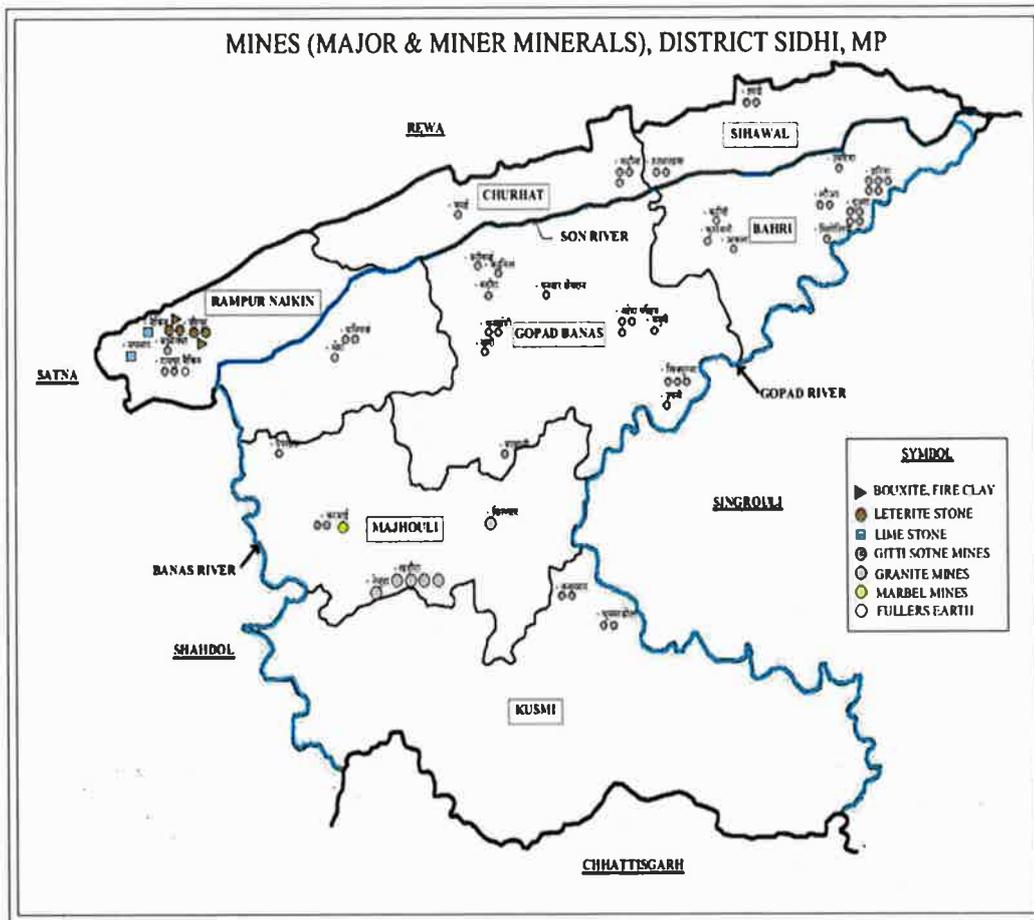
- i. **Gopad Banas:** Sand, Stone (Gitti by Stone crusher). etc. are the main minerals found in Gopad Banas Tehsil and Laterite, Iron ore, Phylite are also reported.
- ii. **Rampur Naikin:** Limestone, Bauxite, Laterite, Fullers earth, Fireclay, Sand, Stone (Gitti by Stone crusher), are the main minerals found in this Tehsil.
- iii. **Sihawal:** Sand, Stone (Gitti by Stone crusher) are the main minerals found in this Tehsil.
- iv. **Majhuali:** Sand, Stone (Gitti by Stone crusher). Granite, Marble, are the main minerals found in this Tehsil and Laterite, Iron Ore, Quartzite, Phylite are also reported.
- v. **Churhat:** Sand, Stone (Gitti by Stone crusher) are the main minerals found in this Tehsil.
- vi. **Bahari:** Sand, Stone (Gitti by Stone crusher) are the main minerals found in this Tehsil.
- vii. **Kusami :** Sand, Stone (Gitti by Stone crusher) are the main minerals found in this Tehsil.

The most potential mining zone is the north western part of the district running NE-SW Limestone mining by mechanised mining is done by Ultratech cement ltd. The other minerals found in District for mining are Bauxite, Laterite and Fullers earth. The laterite is of cement grade while Bauxite is of refractory grade.

The stone quarry mining is extensively carried out in villages Shivpurva, Bahera Paschim, Upani, etc. of Gopad Banas, Tehsil. In villages Duara, Jhariya of Bahari, Tehsil In villages Hardi, Hatwakhas of Sihawal, Tehsil.

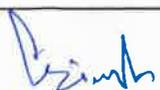
  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi



**Table 2 Mineral Production in the District (FY 2021-22)**

Sr. No.	Mineral	Production in tones
<b>Major Mineral</b>		
1.	Lime Stone	2544589 MT
2.	Bauxite	32771 MT
<b>Minor Mineral</b>		
1.	Stone/Gitti	553478 Cum.
2.	Granite	1460 Cum.
3.	Murum	202140 Cum.
4.	Marble	726 Cum.
5.	Fullers Earth	5576 Cum.

  
 State Level Environment Impact  
 Assessment Authority, M.P.  
 (SPCO)  
 Paryavaran Parisar  
 E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

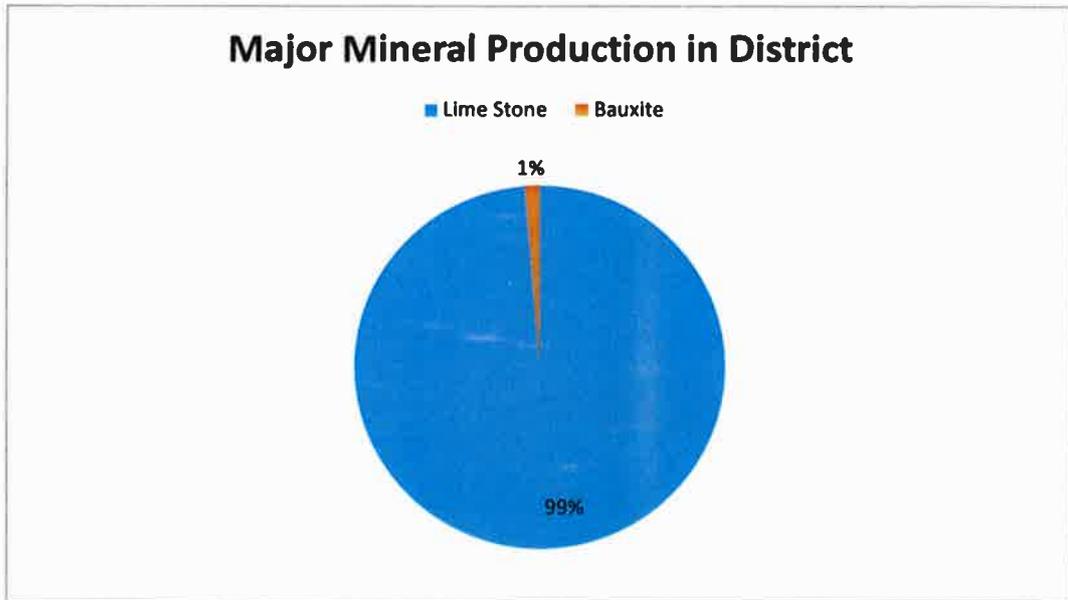


Figure 2 Major Mineral production in the District

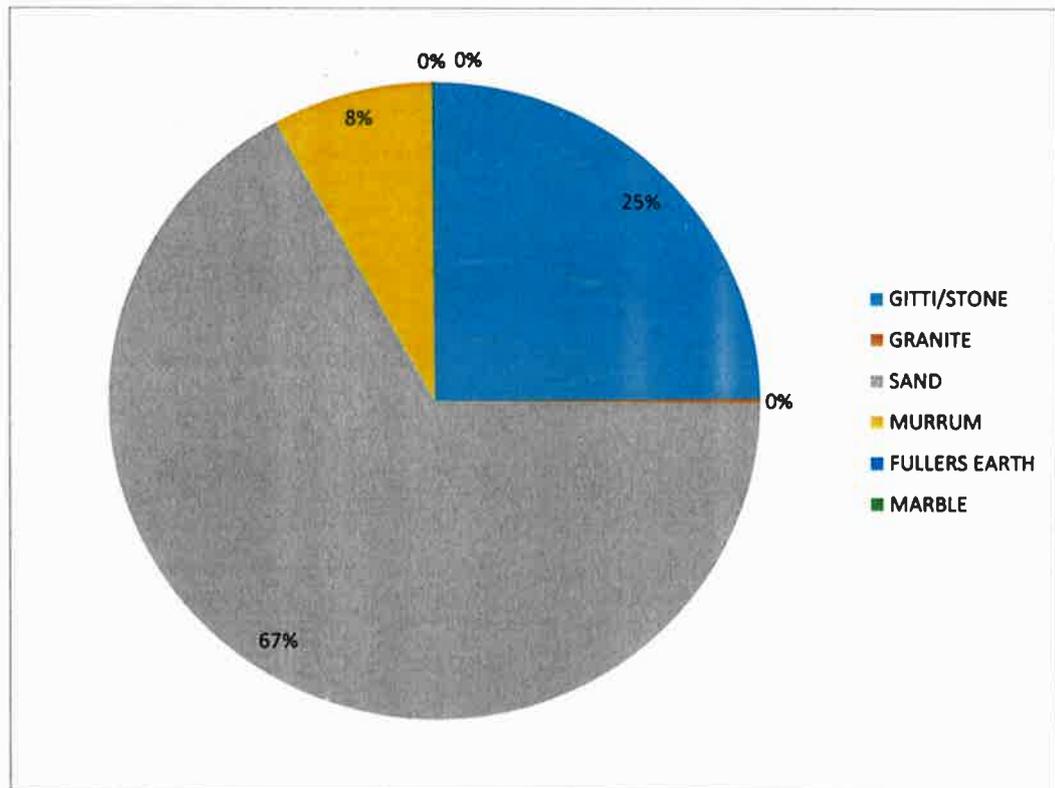


Figure 3 Minor Mineral production in the District

*Asish*  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

## 3. General Profile of the District

<b>1. Geographical Position</b>	The Sidhi District is located in the north eastern part of Madhya Pradesh extending by north latitude 23°45' and 24°45' and east longitudes 81°15' and 83°00' and lies in survey of India Toposheet Nos. 63H & I respectively.
<b>2. Area and Population</b>	<p>I. Geographical Area (Sq.Km) Total Area (Sq.Km): 10526 Km<sup>2</sup></p> <p>II. CENSUS 2011</p> <p>I. Population</p> <p>a. Total Population: 1,127,033</p> <p>b. Male Population: 575,912</p> <p>c. Female Population: 551,121</p> <p>II. Literates</p> <p>a. Total Literates: 600,785</p> <p>b. Male: 353,030</p> <p>c. Female: 247,755</p> <p>III. Main Workers (Census 2011)</p> <p>a. Total Workers: 275,482</p> <p>b. Male Workers: 194,774</p> <p>c. Female Workers: 80,708</p> <p>d. Cultivators: 102,644</p> <p>e. Agricultural Labourers: 262,030</p> <p>f. Other Workers: 81,432</p> <p>V. Languages Spoken in the District</p> <p>Hindi is the most spoken language in the region with regional variations and dialects. Among the dialects spoken in Sidhi are Bagheli and Gondi.</p>
<b>3. Temperature</b>	Mean- Maximum temperature: 32.5°C Mean- Minimum temperature: 18.6°C
<b>4. Rainfall (In mm)</b>	Normal – South West Monsoon: 1041.5 mm Annual Rainfall: 1132.7 mm
<b>5. Agriculture</b>	a. Total Cultivable Area (Ha): 425.5 b. Net Area Sown (Ha): 353.6 c. Area Sown more than once (Ha): 127.9
<b>6. Rivers, etc.</b>	Son River, Gopad River, Banas nadi, Rihand River.
<b>7. Revenue Administrative Divisions</b>	Revenue Divisions: a. Revenue Blocks: 5 b. Revenue Tehsils: 7
<b>8. Local Bodies</b>	a. Corporations: nil b. Municipalities: 4 c. Village Panchayats: 411

# District Survey Report: Sidhi

## 4. Geology of the District

**Archaean:** This group is generally comprises of granite, gneisses, schist phyllites and quartzites, where ground water occurs under phreatic conditions. **Vindhyan:** The limestone, sandstone and shales, covers large part in Son basin Sidhi district. **Lower Gondwana:** Talchir and Barakar occur in south central part of the district. Talchir sandstone and shales along with Barakar formations are also found. **Upper Gondwana:** The upper Gondwana formation mainly consists of sandstone and clay and appears as hilly terrain in the southern part of the district. **Alluvium:** The alluvium cover of 2.0 to 30 m thickness occupy in the Son sub basin.

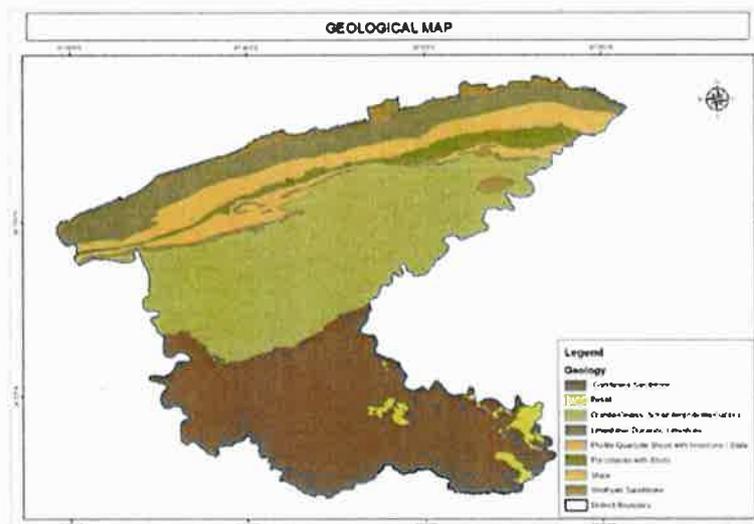


Figure 4 Geological Map of the District

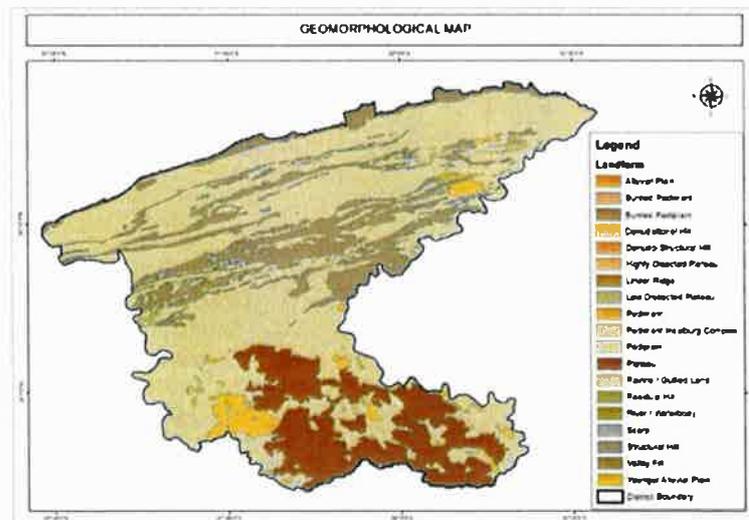


Figure 5 Geomorphologic Map of the District

*Pratik*  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

## 5. Drainage of Irrigation Pattern

### 5.1 Drainage Pattern

In the district, there are four major rivers and numerous streams, nalas originating from central and southern high lands and discharging their water to either one of these four major rivers. In the district some river flowing from west to east in the northern part of the district, The Banas River flow from south of north in the western area. The Gopad River flows in the central part of the area from south to north and the Rihand River in the south eastern part of the district flowing from south west to north east district.

### 5.2 Irrigation Practices

Irrigation is the artificial application of water to the soil for normal growth of plants. Water is an important determinant factor for production of crops in agriculture sector. Intensive and extensive cultivation of land depends mainly on the availability of water. Medium and minor irrigation schemes are implemented in the state for augmenting the water supply for agriculture. The various sources of irrigation are canals, tanks, tube wells, ordinary wells, springs and channels.

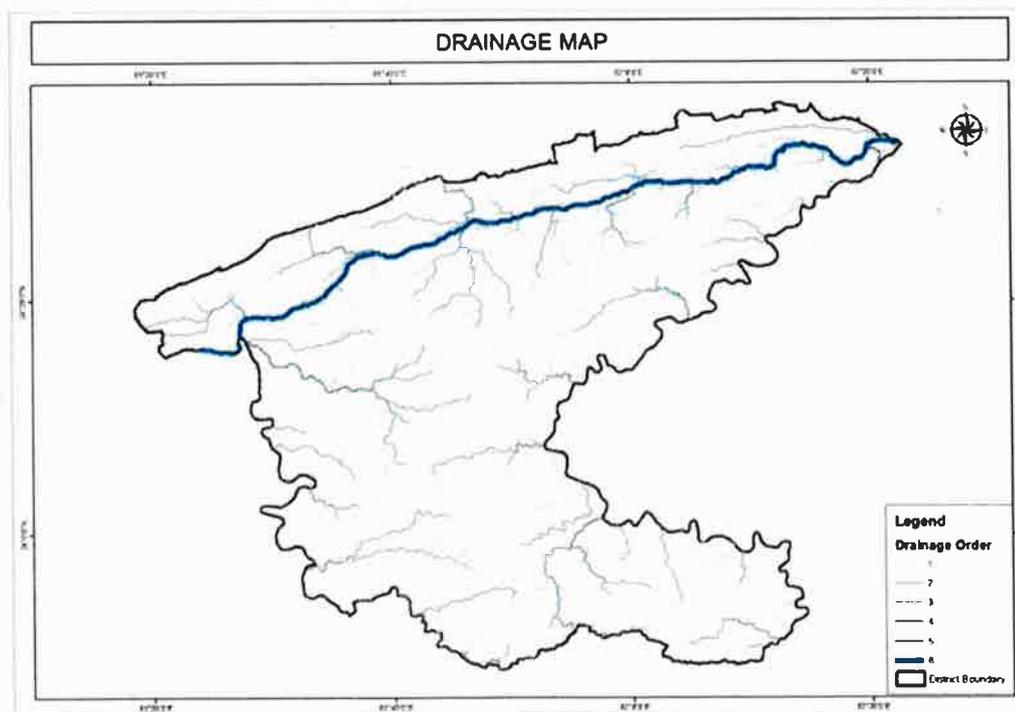


Figure 6 Drainage Map of the District

  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

## District Survey Report: Sidhi

### 6. Land utilization Pattern in the District: Forest, Agricultural, Mining, etc.,

Land use/land cover (LULC) changes are main issues of universal environment change. The Satellite remote sensing data with their monotonous nature have proved to be rather useful in mapping land use/land cover decorations and changes with time. Quantification of such changes is conceivable through GIS techniques even if the subsequent spatial datasets are of dissimilar scales or resolutions. Such studies have helped in considerate the dynamics of human happenings in space and time. Land use refers to man's activities.

**Table 3 Land Use Pattern of the Study Area**

Sr. No.	Class	Area in Ha.	Percentage of coverage
1	Agricultural Land	305217.92	64.68
2	Area under non agricultural uses	42773.023	9.06
3	Barren rocky	3966	0.84
4	Permanent pastures and other grazing land	7541	1.60
5	Land under misc tree crops and groves not included in net area	1	0.00
6	Cultivable waste land	28251.165	5.99
7	Fallow Land	28955.894	6.14
8	Forest land	175160	37.12
9	Mining / Quarry	931.695	0.20

  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryasharan Parisar  
E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

## Land Use and Land Cover Breakup of the District

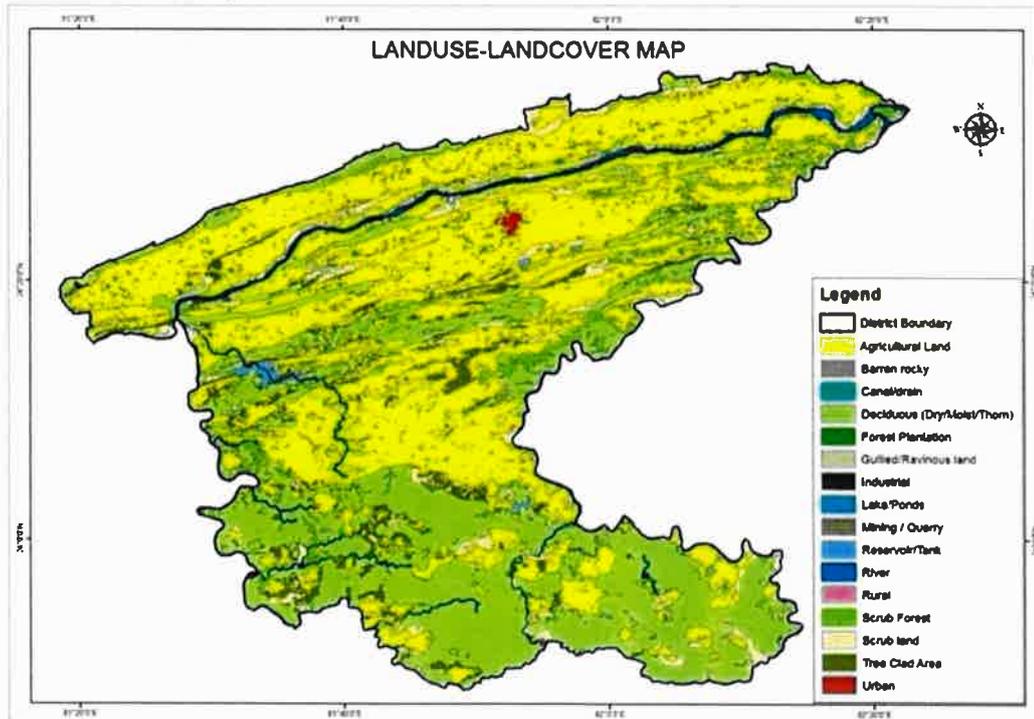
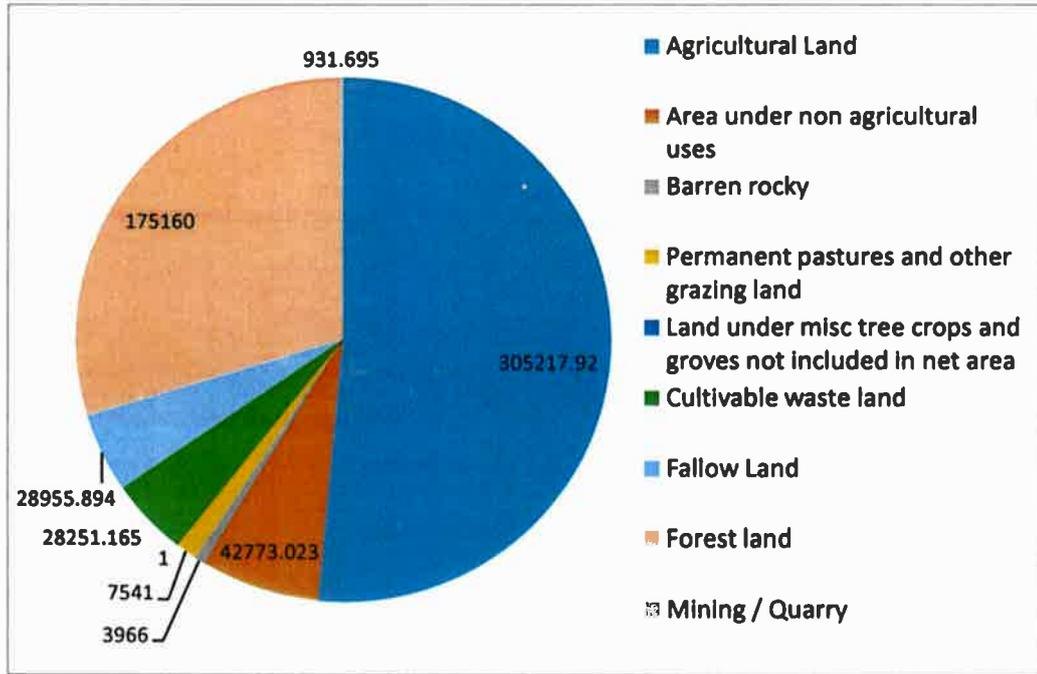


Figure 7 Land Use and Land Cover Map of the District

*Sidhi*  
 State Level Environment Impact  
 Assessment Authority, M.P.  
 (SEIAA)  
 Paryavaran Parisar  
 E-5, Area Colony, Bhopal (M.P.)

## 7. Surface Water and Ground water scenario of the District

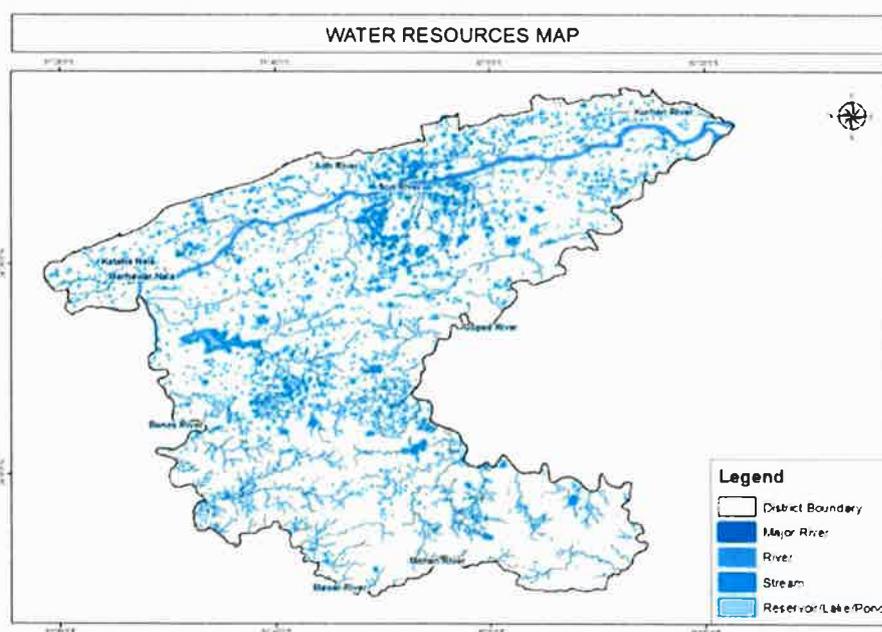
### 7.1 Ground Water

Ground Water is found beneath the earth's surface and is an important source of water in most of the Districts in the State. Ground Water is withdrawn for Agriculture, Municipal and industrial use. The depth at which the ground water occurs is called Ground water Table.

Ground water levels forms a very important parameter of the ground water system as these are its physical reflection. The ground water balance express itself is the change in the water level; hence a continuous record is important and useful. CGWB, NCR, has 22 monitoring stations and 5 peizometers in Sidhi district. In general water level trend indicate the present stage of ground water development in the district and the intensity of surface irrigation in the command area is low. During May 2012 the depth to water level in Sidhi district ranges between 2.60 & 23.66 mbgl. However in major part the depth to water level is between 4 and 12 mbgl. In post monsoon period water level in the district varies from 1.05 to 15.17 mbgl. However in major part the depth to water level is less than 10 mbgl. The water levels trend for the last 10 years during study indicates declining trend in the range of 0.02 to 0.21 m/yr.

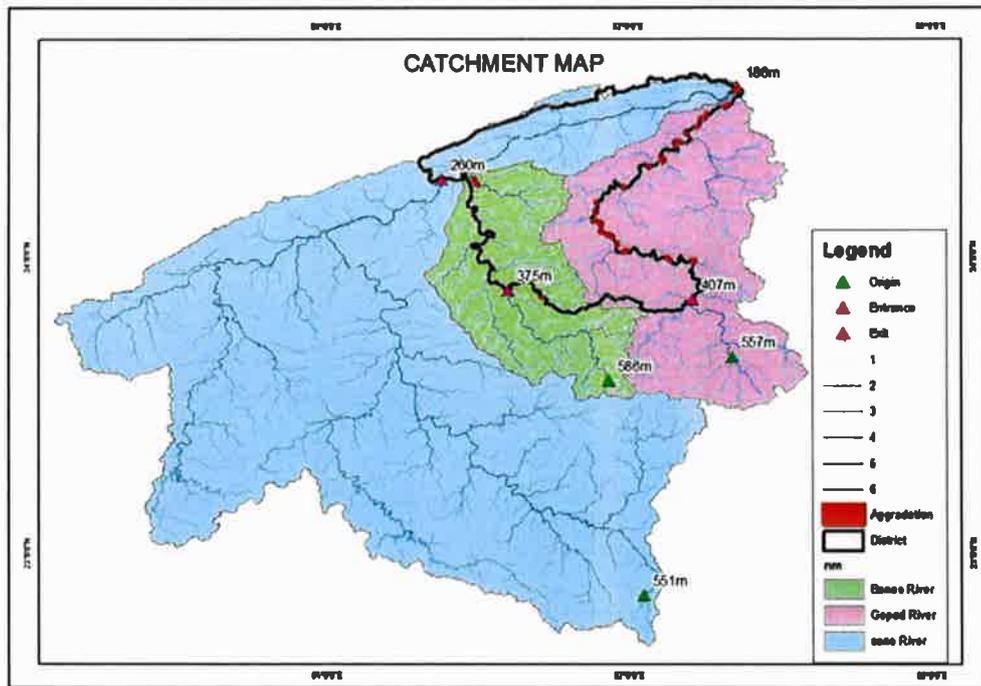
### 7.2 Surface Water

In the district there are four major rivers and numerous streams, nalas originating from central and southern high lands and discharging their water to either one of these four major rivers. In the district some river flowing from west to east in the northern part of the district, The Banas river flow from south of north in the western area. The Gopad River flows in the central part of the area from south to north and the Rihand River in the south eastern part of the district flowing from south west to north east district.



# District Survey Report: Sidhi

**Figure 8 Water Resources Map of the District**



**Figure 9 Catchment Map of District**

**Table 4 Details of Catchment Area**

Sr. No.	Propoerties	Son River	Gopad River	Banas River
1	Catchment Area up-to Exit of Particular District	21,108 sq. km	6,046 sq. km	3,570 sq. km
2	Catchment Area of Particular District	3,102 sq. km	1,633 sq. km	1,347 sq. km
3	Length of the Catchment Area	98 km	117 km	206 km
4	Length of the Catchment Area of Particular District	47 km	84 km	109 km
5	Altitude at Origin of the River	586 m	557 m	526 m
6	Altitude at Entrance of the Particular District	75 m	407 m	260 m
7	Altitude at Exit of the Particular District	186 m	186 m	186 m

*[Signature]*  
 State Level Environment Impact  
 Assessment Authority, M.P.  
 (EPCO)  
 Paryavaran Parisar  
 E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

## 8. Rainfall of the District and Climate Conditions

### 8.1 Rainfall

The normal annual rainfall of Sidhi district is 1132.7 mm. Sidhi district received maximum rainfall received during south west monsoon period i.e. June to September. About 89.7% of the annual rainfall received during monsoon season. Only 10.9% of the annual rainfall takes place between October to May period. Thus surplus water for ground water recharge is available only during the south west monsoon period.

### 8.2 Climatic Conditions

The climate of Sidhi district is characterized by a hot summer and general dryness except during the south west monsoon season. The year may be divided into four seasons. The cool season, December to February is followed by the hot season from March to about the middle of June. The period from the middle of June to September is the south west monsoon season. October and November form the post monsoon or transition period.

The normal maximum temperature received during the month of May is 42°C and minimum during the month of January is 8.1°C. The normal annual means maximum and minimum temperature of Sidhi district is 32.5°C & 18.6°C respectively.

During the south west monsoon season the relative humidity generally exceeds 85% (August month). The driest part of the year is the summer season, when relative humidity is less than 35%. May is the driest month of the year.

The wind velocity is higher during the pre-monsoon period as compared to post monsoon period. The maximum wind velocity is 6.5 km/hr. observed during the month of June and minimum 1.6 km/hr. during the month of November. The average normal annual wind velocity of Sidhi district is 3.6 km/hr.

#### RAINFALL DATA

FROM 2019-20 TO 2021-22

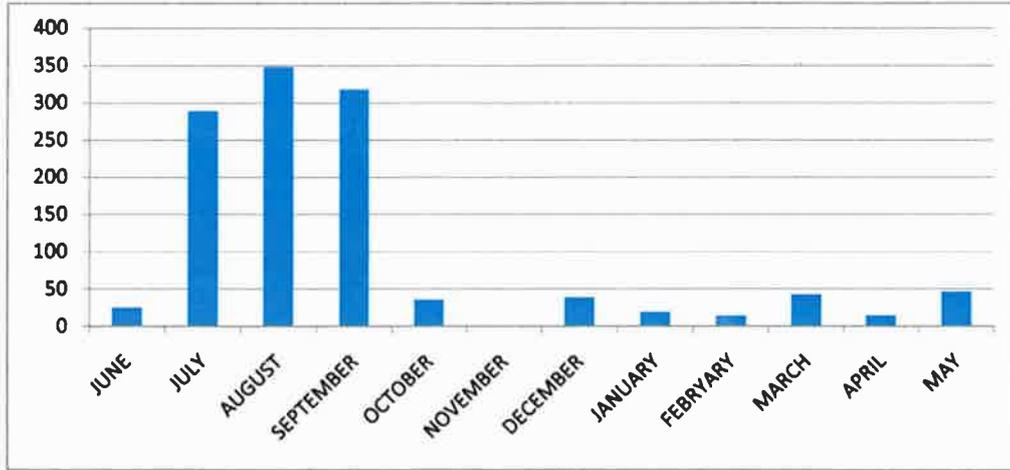
YEAR 2019-20

S.no.	Month	Precipitation Quantity till Month (in m.m.)	Monthly Average Precipitation
1	JUNE	25.20	25.20
2	JULY	314.80	289.60
3	AUGUST	662.90	348.10
4	SEPTEMBER	981.60	318.70
5	OCTOBER	1017.50	35.90
6	NOVEMBER	1017.50	Nil
7	DECEMBER	1056.70	39.20
8	JANUARY	1075.60	18.90
9	FEBRUARY	1089.60	14.00
10	MARCH	1132.40	42.80
11	APRIL	1147.20	14.80
12	MAY	1194.10	46.90

  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

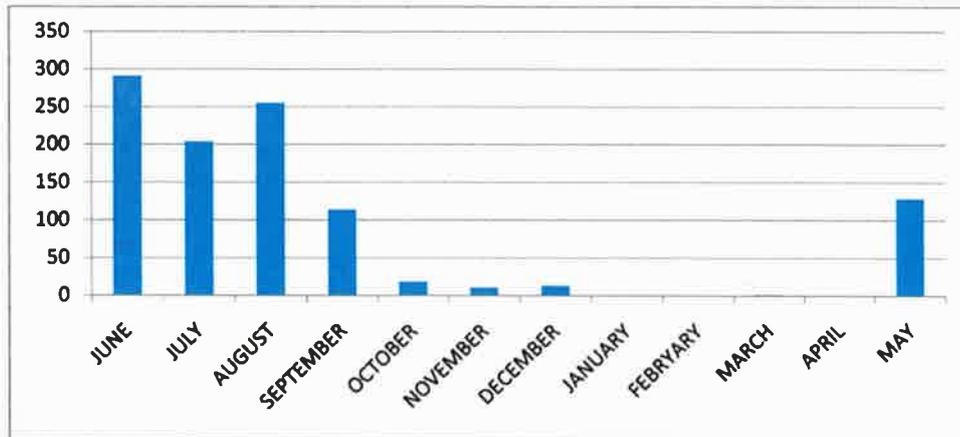
**Chart Showing Rainfall Data in 2019-20**



**YEAR 2020-21**

S.no.	Month	Precipitation Quantity till Month (in m.m.)	Monthly Average Precipitation
1	JUNE	291.20	291.20
2	JULY	495.20	204.00
3	AUGUST	750.40	255.20
4	SEPTEMBER	864.30	113.90
5	OCTOBER	882.70	18.40
6	NOVEMBER	893.30	10.60
7	DECEMBER	906.50	13.20
8	JANUARY	906.50	Nil
9	FEBRYARY	907.60	1.10
10	MARCH	909.40	1.80
11	APRIL	909.60	0.20
12	MAY	1038.20	128.60

**Chart Showing Rainfall Data in 2020-21**



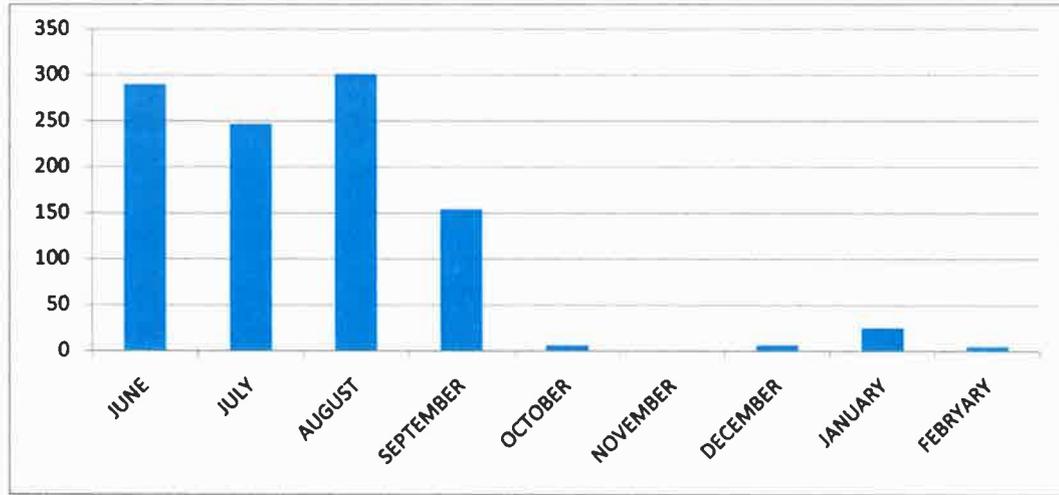
  
 State Level Environment Impact  
 Assessment Authority, M.P.  
 (EPCO)  
 Paryavaran Parisar  
 E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

## YEAR 2021-22

S.no.	Month	Precipitation Quantity till Month (in m.m.)	Monthly Average Precipitation
1	JUNE	290.00	290.00
2	JULY	537.00	247.00
3	AUGUST	838.70	301.70
4	SEPTEMBER	993.20	154.50
5	OCTOBER	999.40	6.20
6	NOVEMBER	999.40	Nil
7	DECEMBER	1006.30	6.90
8	JANUARY	1031.91	25.60
9	FEBRYARY	1036.90	5.00

Chart Showing Rainfall Data in 2021-22



  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCG)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

## 9. Details of the Mining leases in the District-

Table 5 Other than Sand Mines in the District

S.No.	Name of the Mineral	Name of the Lessee	Address & Contact No. of Lessee	Mining/Quarry Grant Order No. & date	Area of Mining lease (Ha)	Period of Mining Lease (Initial)		Date of commencement of Mining Operation	Status (Working/ Non Working/ Temp. Working for dispatch etc.)	Use (Captive /Non Captive)	Obtained Environmental Clearance (Yes/No), If Yes Letter No. with date of grant of EC	Location of the Lease and (Latitude Longitude)	Method of Mining (Open cast/Underground)
						From	To						
1	Granite	M K S Minerals & Marbles-	Shri Sanjay Dubey-Aazad Ward Mandla. Dist-Mandla	Lease Order No. : 96, Lease Order Date : 18/01/2016	3.24	22/07/2016	21/07/2046	22/07/2016	Non-Operational	Captive	Yes 03-04/06/16	a) 24°09'47.70"N 81°44'41.40"E b) 24°09'47.70"N 81°44'45.40"E c) 24°09'51.00"N 81°44'49.90"E d) 24°09'52.10"N 81°44'42.20"E	Open cast
2	Granite	M K S Minerals & Marbles-	Shri Sanjay Dubey-Aazad Ward Mandla. Dist-Mandla	Lease Order No. : 1480, Lease Order Date : 16/12/2015	3.44	22/07/2016	21/07/2046	22/07/2016	Non-Operational	Captive	Yes 01-04/06/16	a) 24°09'53.60"N 81°45'12.20"E b) 24°09'58.90"N 81°45'09.10"E c) 24°10'04.20"N 81°45'13.80"E d) 24°10'01.80"N 81°45'15.90"E	Open cast
3	Gitti Granite	Kbs Rock-	Shri Kamlesh Mishra-22, Veer Savarkar Nagar. Indore	Lease Order No. : 1486, Lease Order Date : 16/12/2015	4.13	01/08/2016	31/07/2046	01/08/2016	Operational	Captive	Yes 7-04/06/16	a) 24°07'43.60"N 81°42'19.50"E b) 24°07'51.10"N 81°42'18.40"E	Open cast

Assessment Authority, M.P.  
(E.P.O.)

Parayagan Parisar  
E-5, Aera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

4	Gitti, Granite	M K S Minerals & Marbles-	Shri Sanjay Dubey-Aazad Ward Mandla, Dist-Mandla	Lease Order No. : 1482, Lease Order Date : 16/12/2015	6.34	07/12/2017 - 06/12/2047	NA	07/12/2017	Operational	Captive	a) 24°08'16.80"N 81°42'06.60"E b) 24°08'23.00"N 81°42'08.80"E c) 24°08'13.70"N 81°42'21.70"E d) 24°08'16.80"N 81°42'06.60"E e) 24°08'03.30"N 81°42'13.20"E	Openca st
5	Granite	Zed Black Rocks-	5th/ Terrace Aeon Complex Opp. Mem Fire Station Navrangpura Ahmedabad 380009(G.J.)	Lease Order No. : 1484, Lease Order Date : 16/12/2015	9.48	20/12/2017 - 19/12/2047	NA	20/12/2017	Operational	Captive	a) 24°07'55.10"N 81°42'31.70"E b) 24°07'43.30"N 81°42'38.70"E c) 24°07'56.80"N 81°42'34.60"E d) 24°07'57.50"N 81°42'38.80"E e) 24°07'58.20"N 81°42'45.40"E f) 24°07'53.60"N 81°42'38.70"E g) 24°07'47.30"N 81°42'38.70"E h) 24°07'42.10"N 81°42'4370"E i) 24°07'42.40"N 81°42'40.30"E j) 24°07'45.60"N 81°42'33.50"E k) 24°07'55.10"N 81°42'34.50"E	Openca st
6	Granite	Khs Rock-	Shri Kamlesh Mishra-22, Veer Savarkar Nagar, Indore	Lease Order No. : 1488, Lease Order Date : 16/12/2015	4.68	01/08/2016 - 31/07/2046	NA	01/08/2016	Operational	Captive	Yes 4903- 06/01/17	Openca st

State of M.P.  
Assessment & Survey, M.P.  
(E.P.O.)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

7	Stone	Rita Singh-	Gada Singh, Teh-Gopad Banas, Dist-Sidhi	Lease Order No. : 12789-93, Lease Order Date : 28/07/2015	2.000	03/01/2016 - 02/01/2026	NA	03/01/2016	Operational	Captive	Yes 556-06/04/16	3. N-24°07'43.1" E-081°42'14.1" 4. N-24°07'44.7" E-081°42'08.1" a) 24°22'04.47"N 81°57'43.58"E b) 24°22'05.97"N 81°57'51.09"E c) 24°22'03.50"N 81°57'51.16"E d) 24°22'03.29"N 81°57'50.01"E e) 24°22'01.11"N 81°57'50.19"E f) 24°22'01.03"N 81°57'47.13"E g) 24°22'02.44"N 81°57'44.53"E	Openca st
8	Stone	Jay Bahadur Singh-Shri Surendra Pratap Singh-	South Karoundiya, Teh-Gopad Banas, Dist-Sidhi (M.P.)	Lease Order No. : 1058-62, Lease Order Date : 21/01/2016	1.000	25/01/2017 - 24/01/2027	NA	25/01/2017	Operational	Captive	Yes 62-28/10/16	a) 24°21'24.62"N 81°54'26.26"E b) 24°21'27.39"N 81°54'28.54"E c) 24°21'28.82"N 81°54'24.02"E d) 24°21'26.64"N 81°54'24.19"E	Openca st
9	Stone	Jay Bahadur Singh-Shri Surendra Pratap Singh-	South Karoundiya, Teh-Gopad Banas, Dist-Sidhi (M.P.)	Lease Order No. : 1064-68, Lease Order Date : 21/01/2016	2.58	25/01/2017 - 24/01/2027	NA	25/01/2017	Operational	Captive	Yes 64-28/10/16	a) 24°22'11.10"N 81°54'56.80"E b) 24°22'11.10"N 81°55'01.10"E c) 24°22'08.90"N 81°55'03.00"E d) 24°22'06.80"N 81°54'59.60"E e) 24°22'05.40"N 81°54'59.20"E f) 24°22'04.80"N 81°54'57.30"E g) 24°22'06.20"N 81°54'55.40"E	Openca st

# District Survey Report: Sidhi

10	Stone	Ramesh Stone Crusher- Shri Santosh Kumar	-Bari, Baridala, Dist- Robertsganj (U.P.)	Lease Order No. : 1546-51, Lease Order Date : 28/01/2016	2.2	24/02/2016 - 23/02/2026	NA	24/02/2016 016	Operational	Captive	Yes 15- 10/06/16	h) 24°22'07.50"N 81°54'55.30"E i) 24°22'07.50"N 81°54'59.80"E a) 24°04'06.56"N 81°55'08.01"E b) 24°04'07.96"N 81°55'08.84"E c) 24°04'04.82"N 81°55'11.28"E d) 24°04'04.42"N 81°55'12.65"E e) 24°04'04.24"N 81°55'11.16"E f) 24°04'02.63"N 81°55'10.47"E g) 23°25'02.59"N 81°55'09.16"E h) 23°25'03.40"N 81°55'08.32"E i) 23°25'04.47"N 81°55'07.64"E	Openca st
11	Stone	Ramesh Stone Crusher- Shri Santosh Kumar	-Bari, Baridala, Dist- Robertsganj (U.P.)	Lease Order No. : 1546-51, Lease Order Date : 28/01/2016	3	24/02/2016 - 23/02/2026	NA	24/02/2016 016	Operational	Captive	Yes 13- 10/06/16	a) 24°04'06.56"N 81°55'08.01"E b) 24°04'12.04"N 81°55'03.82"E c) 24°04'09.07"N 81°55'01.68"E d) 24°04'05.55"N 81°55'05.58"E e) 24°04'04.52"N 81°55'05.34"E f) 24°04'03.79"N 81°55'06.81"E g) 24°04'04.47"N 81°55'07.64"E	Openca st
12	Stone	Ragini Singh- Shri Anil Singh-	South Karoundiya, Ward No 10, Sidhi, Dist-Sidhi	Lease Order No. : 6829-33, Lease Order Date : 30/04/2016	1.9	22/08/2016 - 21/08/2026	NA	22/08/2016 016	Operational	Captive	Yes 31- 10/06/16	a) 24°20'27.31"N 81°47'05.47"E b) 24°20'27.12"N 81°47'12.09"E	Openca st

  
 State Level Environment Impact  
 Assessment Authority, M.P.  
 (EPCO)  
 Parveeran Parisar  
 E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

13	Ganesh Pratap Singh-Shri Prabhu Nath Singh-	Dainiha Gopad Dist-Sidhi	Tch- Banas	Lease Order No. : 12511, Lease Order Date : 27/07/2016	1	11/01/2017 - 10/01/2027	NA	11/01/2017 017	Operational	Captive	Yes 58- 28/10/16	a) 24°21'00.50"N 81°46'14.70"E b) 24°20'57.80"N 81°46'18.30"E c) 24°20'56.70"N 81°46'15.10"E d) 24°20'56.70"N 81°46'18.60"E	Opencast
14	Manoj Singh Chouhan-Shri Santosh Singh-	Banjari Gopad Dist-Sidhi	Tch- Banas	Lease Order No. : 877, Lease Order Date : 02/08/2016	1.24	22/08/2016 - 21/08/2026	NA	22/08/2016 016	Operational	Captive	Yes 27- 10/06/16	a) 24°23'38.85"N 81°49'55.52"E b) 24°23'39.32"N 81°49'53.88"E c) 24°23'42.62"N 81°49'53.71"E d) 24°23'42.62"N 81°49'52.33"E e) 24°23'44.34"N 81°49'53.38"E f) 24°23'43.04"N 81°49'55.37"E g) 24°23'41.55"N 81°49'54.37"E h) 24°23'39.84"N 81°49'54.78"E i) 24°23'39.58"N 81°49'55.70"E	Opencast
15	Chandra Mohan Pandey-Shri Brihaspati Prasad Pandey	-Nakjhar Khurd, Tch-Bahari, Dist-Sidhi	Tch- Banas	Lease Order No. : 14580-83, Lease Order Date : 12/09/2016	1.1	18/07/2017 - 17/07/2027	NA	18/07/2017 017	Operational	Captive	Yes 40- 28/10/16	a) 24°29'40.01"N 82°12'44.52"E b) 24°29'34.45"N 82°12'44.93"E c) 24°29'34.48"N 82°12'45.79"E d) 24°29'37.76"N 82°12'45.77"E e) 24°29'38.38"N 82°12'49.16"E	Opencast

# District Survey Report: Sidhi

16	Stone	Chandra Mohan Pandey - Shri Brihaspati Prasad Pandey	-Nakjhar Khurd, Teh-Bahari, Dist-Sidhi	Lease Order No. : 1105, Lease Order Date : 28/09/2016	1.000	04/01/2017 - 03/01/2027	NA	04/01/2017 017	Operational	Captive	Yes 42- 28/10/16	24°29'39.97"N 82°12'49.12"E a) 24°29'39.51"N 82°12'50.20"E b) 24°29'37.07"N 82°12'50.14"E c) 24°29'37.52"N 82°12'44.98"E d) 24°29'38.61"N 82°12'44.78"E	Openca st
17	Stone	P B Singh- Shri Tej Pratap Singh-	Dadhiya, Bahari, Sidhi	Lease Order No. : 16046-48, Lease Order Date : 13/10/2016	1.000	24/12/2016 - 23/12/2026	NA	24/12/2016 016	Operational	Captive	Yes 66- 28/10/16	24°30'32.18"N 80°10'42.35"E b) 24°30'32.22"N 80°10'45.72"E c) 24°30'34.60"N 80°10'46.01"E d) 24°30'35.93"N 80°10'44.43"E e) 24°30'35.55"N 80°10'42.36"E f) 24°30'33.76"N 80°10'42.44"E	Openca st
18	Stone	Narayand as Dwivedi- Shri Thakur Prasad Dwivedi-	Phulwari, Bahari, Sidhi	Lease Order No. : 17069, Lease Order Date : 28/10/2016	1.74	23/06/2017 - 22/06/2027	NA	23/06/2017 017	Operational	Captive	Yes 19- 29/05/17	24°28'06.79"N 82°13'23.10"E b) 24°28'07.06"N 82°13'24.68"E c) 24°28'13.64"N 82°13'23.54"E d) 24°28'13.18"N 82°13'19.44"E	Openca st
19	Stone	Rama Singh- Shri Vikram Singh Chauhan-	Uttar Karundiya, Teh-Copad Bamas, Sidhi	Lease Order No. : 1235, Lease Order Date : 23/11/2016	2.000	08/12/2016 - 07/12/2026	NA	08/12/2016 016	Operational	Captive	Yes 44- 28/10/16	24°21'51.30"N 81°57'07.09"E b) 24°21'54.92"N 81°57'06.80"E c) 24°21'57.05"N 81°57'12.69"E d) 24°21'54.03"N 81°57'13.55"E	Openca st
20	Stone	Vijay	Pajpakhara, Teh-	Lease Order No. : 1289, Lease	2.6	11/01/2017	NA	11/01/2017	Operational	Captive	Yes	24°08'19.42"N 81°57'13.55"E	Openca st

# District Survey Report: Sidhi

21	Kumar Sharma-Shri Veerban Sharma-	Majhauili, Dist-Sidhi	Order Date : 22/12/2016	10/01/2027	NA	01/07/2017	01/07/2017	Operational	Captive	48-28/10/16	b) 81°43'12.02"E 24°08'23.72"N 81°43'12.67"E c) 24°08'25.30"N 81°43'07.33"E d) 24°08'21.64"N 81°43'04.84"E e) 24°08'21.62"N 81°43'07.24"E f) 24°08'19.69"N 81°43'07.35"E	Openca st
	Sarad Kumar Singh-Shri Nageshwar Singh-	Nebuha Majhauili, Dist-Sidhi	Lease Order No. : 221, Lease Order Date : 22/02/2017	01/07/2017 30/06/2027	NA	01/07/2017	01/07/2017	Operational	Captive	Yes 03-25/05/17	a) 24°04'39.86"N 81°50'57.24"E b) 24°04'39.18"N 81°51'01.95"E c) 24°04'42.29"N 81°51'02.17"E d) 24°04'42.29"N 81°51'02.17"E e) 24°04'43.55"N 81°50'57.13"E	Openca st
22	Arpit Minerals & Construction Company-	Narendra Nagar, Amahiya Rewa, Dist-Rewa	Lease Order No. : 223, Lease Order Date : 22/02/2017	01/07/2017 30/06/2027	NA	01/07/2017	01/07/2017	Operational	Captive	Yes 5-25/05/17	a) 24°04'27.90"N 81°50'52.00"E b) 24°04'25.40"N 81°50'56.20"E c) 24°04'26.70"N 81°50'01.40"E d) 24°04'27.70"N 81°50'04.80"E e) 24°04'30.50"N 81°50'06.70"E f) 24°04'32.00"N 81°50'03.50"E g) 24°04'35.00"N 81°50'00.90"E	Openca st
23	Ranjit Singh-Shri Bans Bahadur Singh-	Karoundiya Uttar Tola Sidhi	Lease Order No. : 303, Lease Order Date : 08/03/2017	05/05/2017 04/05/2027	NA	05/05/2017	05/05/2017	Operational	Captive	Yes 23-30/05/17	a) 24°25'06.17"N 81°45'33.12"E b) 24°25'06.39"N 81°45'36.35"E c) 24°25'09.38"N	Openca st

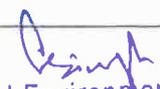
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
9-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

24	Stone	Ranject Singh- Shri Bans Bahadur Singh-	Karoundiya Uttar Tola Sidhi	Lease Order No. : 296, Lease Order Date : 08/03/2017	1.167	05/05/2017 - 04/05/2027	NA	05/05/2017 017	Operational	Captive	Yes 25- 30/05/17	a) 24°23'13.50"N 81°57'55.70"E b) 24°23'20.25"N 81°57'58.49"E c) 24°23'20.25"N 81°57'58.49"E d) 24°23'20.39"N 81°57'56.85"E	d) 81°45'36.21"E 24°25'09.21"N 81°45'32.06"E	Openca st
25	Stone	Arvind Kumar Singh- Shri Santosh Kumar Singh- Village	Banjari Tah. Gopad Banas Distt. Sidhi Mp	Lease Order No. : 301/2017, Lease Order Date : 08/03/2017	1.00	22/03/2017 - 21/03/2027	NA	22/03/2017 017	Operational	Captive	Yes 72- 28/10/16	a) 24°21'50.80"N 81°47'06.70"E b) 24°21'48.59"N 81°47'06.87"E c) 24°21'48.57"N 81°47'07.90"E d) 24°21'50.93"N 81°47'07.87"E e) 24°21'48.78"N 81°47'09.31"E f) 24°21'48.69"N 81°47'10.67"E g) 24°21'52.54"N 81°47'12.18"E h) 24°21'53.00"N 81°47'09.36"E	a) 24°25'09.21"N 81°45'32.06"E	Openca st
26	Stone	Gaurav Singh- Shri Manendra Singh-	Village Pateri Tah Churhat Distt. Sidhi Mp	Lease Order No. : 374, Lease Order Date : 24/03/2017	2	31/03/2017 - 30/03/2027	NA	31/03/2017 017	Operational	Captive	Yes 25- 30/05/17	h) 24°29'43.40"N 82°12'50.59"E i) 24°29'43.48"N 82°12'54.78"E j) 24°29'48.65"N 82°12'55.00"E k) 24°29'48.76"N 82°12'50.51"E	h) 24°29'43.40"N 82°12'50.59"E i) 24°29'43.48"N 82°12'54.78"E j) 24°29'48.65"N 82°12'55.00"E k) 24°29'48.76"N 82°12'50.51"E	Openca st
27	Stone	Shreyansh i Dwivedi- Shri Vijay	Kotar Kala Tch- Gopad Banas Dist-Sidhi	Lease Order No. : 397, Lease Order Date : 30/03/2017	2	24/04/2017 - 23/04/2027	NA	24/04/2017 017	Operational	Captive	Yes 76- 28/10/16	a) 24°24'36.80"N 81°46'32.70"E b) 24°24'35.20"N 81°46'27.00"E	a) 24°24'36.80"N 81°46'32.70"E b) 24°24'35.20"N 81°46'27.00"E	Openca st

# District Survey Report: Sidhi

28	Kumar Dwivedi-  Iankesh Singh-Shri Anivar Singh-	Majhouthi Distt-Sidhi	Lease Order No. : 455, Lease Order Date : 17/04/2017	1.35	18/05/2017 - 17/05/2027	NA	18/05/2017	Operational	Captive	Yes 11-25/05/17	c) 24°24'27.00"N 81°46'30.30"E 24°24'26.80"N 81°46'34.07"E a) 24°09'03.70"N 81°32'28.93"E b) 24°09'03.78"N 81°32'30.69"E c) 24°09'04.40"N 81°32'31.18"E d) 24°09'04.92"N 81°32'34.28"E e) 24°09'07.04"N 81°32'34.08"E f) 24°09'07.29"N 81°32'28.41"E	Openca st
29	Sajan Kumar Agrawal-Shri Polu Ram Agarwal-	Barigawan Teh-Diosar Singrauli	Lease Order No. : 470, Lease Order Date : 19/04/2017	1.34	02/05/2017 - 01/05/2027	NA	02/05/2017	Operational	Captive	Yes 21-30/05/17	a) 24°29'14.15"N 82°09'29.69"E b) 24°29'17.59"N 82°09'29.10"E c) 24°29'16.17"N 82°09'25.69"E d) 24°29'13.66"N 82°09'25.79"E	Openca st
30	Rajshila Stone Crusher-Shri Pushpraj Singh Parihar	-Shashtri Nagar Sidhi, Dist-Sidhi (M.P.)	Lease Order No. : 472, Lease Order Date : 19/04/2017	3.02	01/06/2017 - 31/05/2027	NA	01/06/2017	Operational	Captive	Yes 07-25/05/17	e) 24°28'14.58"N 82°01'55.32"E f) 24°28'15.30"N 82°01'58.52"E g) 24°28'20.23"N 82°01'58.04"E h) 24°28'21.54"N 82°01'57.53"E i) 24°28'20.60"N 82°01'54.87"E j) 24°28'21.87"N 82°01'54.45"E k) 24°28'21.54"N 82°01'49.82"E l) 24°28'18.53"N	Openca st

  
 State Level Environment Impact  
 Assessment Authority, M.P.  
 (EPCO)  
 Paryavaran Parisar  
 E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

31	Stone	Mecmaha deo Constructi ons Private Limited- Shri Umesh Kumar Singh-	Flat Gangoiri Apartment, Jawahar Nagar Extension, Gurudham Varanasi (U.P.)	No.1, Lease Order No. : 563, Lease Order Date : 09/05/2017	3.93	19/06/2017 - 18/06/2027	NA	19/06/2 017	Operational	Captive	Yes 855- 27/07/19	a) 24°35'48.70"N 82°04'46.90"E b) 24°35'51.40"N 82°04'52.70"E c) 24°35'56.10"N 82°04'53.40"E d) 24°35'56.90"N 82°04'47.50"E	82°01'50.59"E 24°28'18.79"N 82°01'54.00"E	Openca st
32	Stone	Renu Dwivedi- Shri Dinendra Dwivedi-	Hanumangarh Teh-Rampur Naikin Dist- Sidhi	Lease Order No. : 9666-67, Lease Order Date : 16/05/2017	3	25/09/2017 - 24/09/2027	NA	25/09/2 017	Operational	Captive	Yes 33- 18/08/17	a) 24°21'41.71"N 81°37'39.40"E b) 24°21'38.75"N 81°37'41.63"E c) 24°21'40.81"N 81°37'46.04"E d) 24°21'46.01"N 81°37'47.01"E e) 24°21'46.92"N 81°37'46.30"E	24°21'41.71"N 81°37'39.40"E	Openca st
33	Stone	Jagendra Kumar Singh- Shri Shivlal Singh-	Akouri, Teh- Rampur Naikin, Dist-Sidhi	Lease Order No. : 10730-31, Lease Order Date : 30/05/2017	1	03/07/2017 - 02/07/2027	NA	03/07/2 017	Operational	Captive	Yes 27- 21/06/17	a) 24°21'46.19"N 81°37'43.35"E b) 24°21'48.00"N 81°37'45.29"E c) 24°21'49.94"N 81°37'43.39"E d) 24°21'47.28"N 81°37'39.95"E	24°21'46.19"N 81°37'43.35"E	Openca st
34	Stone	Sushila Tiwar- Shri Nageshwa r Prasad Tiwari	-Dadhiya Paraswar Bahari Sidhi	Lease Order No. : 600, Lease Order Date : 06/06/2017	1.5	04/01/2017 - 03/01/2027	NA	04/01/2 017	Operational	Captive	Yes 52- 28/10/16	c) 24°29'34.40"N 82°12'58.20"E f) 24°29'39.30"N 82°12'58.10"E g) 24°29'40.00"N 82°12'52.50"E h) 24°29'34.40"N 82°12'51.70"E	24°29'34.40"N 82°12'58.20"E	Openca st
35	Stone	Ranjcet	Karundiya	Lease Order No. : 14689-90,	3	27/11/2017	NA	27/11/2	Operational	Captive	Yes	24°30'27.90"N	Openca st	

# District Survey Report: Sidhi

	Singh-Shri Bans Bahadur Singh-	Uttar Tola Sidhi	Lease Order Date : 20/07/2017		26/11/2027		017		45-13/07/18	81°57'34.87"E 24°30'27.99"N 81°57'40.02"E 24°30'34.12"N 24°30'34.12"N 81°57'40.33"E 81°57'34.28"E	st
36	Santosh Kumar Singh-Shri Abhay Raj Singh-	Badhauna Tch-Dist-Sidhi	Lease Order No. : 976, Lease Order Date : 23/10/2017	1	01/12/2017 30/11/2027	NA	01/12/2017	Operational	Yes 51-18/07/18	a) 24°30'33.16"N 81°57'47.58"E b) 24°30'29.13"N 81°57'48.94"E c) 24°30'28.16"N 81°57'51.64"E d) 24°30'33.62"N 81°57'49.24"E e) 24°30'36.83"N 81°57'52.64"E	Openca st
37	Bharat Singh-Shri Santosh Kumar Singh-	Badhauna Tch-Banas Dist-Sidhi	Lease Order No. : 983, Lease Order Date : 30/10/2017	2.85	01/12/2017 30/11/2027	NA	01/12/2017	Operational	Yes 3987-14/01/20	i) 24°30'25.14"N 81°57'53.58"E j) 24°30'25.27"N 81°57'57.04"E k) 24°30'30.53"N 81°57'56.95"E l) 24°30'30.27"N 81°57'53.33"E m) 24°30'35.74"N 81°57'52.51"E n) 24°30'35.17"N 81°57'49.98"E	Openca st
38	Akhil Pratap Singh-Shri Anil Pratap Singh-	DithaurapO-Kandhwar, Tch-Rampur Naikin, Dist-Sidhi	Lease Order No. : 1071, Lease Order Date : 20/11/2017	1.66	04/05/2018 03/05/2028	NA	04/05/2018	Operational	Yes 60-10/08/18	a) 24°21'21.50"N 81°24'53.00"E b) 24°21'18.08"N 81°24'57.01"E c) 24°21'25.60"N 81°24'51.80"E d) 24°21'25.10"N 81°24'55.70"E	Openca st
	Kumkum Singh-Shri	V/P-Kubri Tch-Bahri Dist-Sidhi	Lease Order No. : 142, Lease Order Date : 19/02/2018	3	13/09/2018 12/09/2028	NA	13/09/2018	Operational	Yes 1509-03/07/19	a) 24°26'04.02"N 82°02'37.27"E b) 24°26'03.96"N	Openca st

State Level Environment Impact Assessment Authority, M.P. (EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)



# District Survey Report: Sidhi

42	Shri Thakur Prasad Dwivedi-	Uttar Karoundiya, Teh-Gopad Banas. Sidhi Dist-	Lease Order No. : 68, Lease Order Date : 11/09/2018	0.65	25/05/2016 - 24/05/2026	NA	25/05/2016	Operational	Captive	Yes 41-02/07/18	c) 82°13'27.62"E 24°28'02.60"N 82°13'28.04"E d) 24°28'02.76"N 82°13'25.15"E e) 24°28'06.58"N 82°13'23.25"E f) 24°28'06.58"N 82°13'23.25"E g) 24°28'08.26"N 82°13'21.93"E h) 24°28'09.39"N 82°13'21.96"E i) 24°28'10.43"N 82°13'15.84"E j) 24°28'08.45"N 82°13'15.31"E	Opencast
43	Veena Singh Baghel- Shri Rishi Kumar Singh-	Village Samariya Gopad Banas Dist. Sidhi Mp	Lease Order No. : 596, Lease Order Date : 29/09/2018	3.13	20/12/2018 - 19/12/2028	NA	20/12/2018	Operational	Captive	Yes 3959-14/01/20	a) 24°25'49.48"N 82°02'52.49"E b) 24°25'49.08"N 82°02'56.00"E c) 24°25'50.94"N 82°02'56.69"E d) 24°25'51.26"N 82°02'55.08"E e) 24°25'49.67"N	Opencast

# District Survey Report: Sidhi

44	Stone	Narayan as Dwivedi- Shri Thakur Prasad Dwivedi-	Phulwari, Teh- Bahari, Dist- Sidhi	Lease Order No. : 818, Lease Order Date : 21/12/2018	1.68	30/12/2019 - 29/12/2029	NA	30/12/2019 019	Operational	Captive	Yes 43- 03/07/18	f) 82°02'55.08"E 24°25'50.87"N 82°02'53.42"E g) 24°25'52.90"N 82°02'53.42"E h) 24°25'58.13"N 82°02'51.05"E i) 24°25'52.63"N 82°02'50.31"E j) 24°25'53.44"N 82°02'56.79"E k) 24°25'55.94"N 82°02'58.09"E l) 24°25'59.75"N 82°02'53.93"E m) 24°26'00.12"N 82°02'52.97"E n) 24°26'58.52"N 82°02'52.37"E A 24°29'13.66"N 82°09'31.60"E B 24°29'13.66"N 82°09'34.19"E C 24°29'14.75"N 82°09'36.81"E D 24°29'15.92"N 82°09'36.23"E E 24°29'14.98"N 82°09'33.12"E F 24°29'16.25"N 82°09'32.60"E G 24°29'17.27"N 82°09'35.46"E H 24°29'19.08"N 82°09'34.71"E I 24°29'17.66"N 82°09'30.28"E J 24°29'16.20"N 82°09'30.91"E	Opencast
----	-------	---	--	---	------	-------------------------------	----	-------------------	-------------	---------	------------------------	--	----------

# District Survey Report: Sidhi

45	Stone	Siddhi Enterprise	Hotel Prince, Sidhi Distt-Sidhi	Lease Order No. : 991, Lease Order Date : 29/09/2020	1.64	27/07/2019 - 26/07/2029	NA	27/07/2019	Operational	Captive	Yes 3736-06/01/20	K 24°29'15.95"N 82°9'30.47"E a) 24°27'28.92"N 82°13'26.29"E b) 24°27'28.75"N 82°13'28.34"E c) 24°27'28.55"N 82°13'28.39"E d) 24°27'28.54"N 82°13'29.12"E e) 24°27'28.41"N 82°13'29.11"E f) 24°27'28.83"N 82°13'30.85"E g) 24°27'30.94"N 82°13'31.50"E h) 24°27'31.00"N 82°13'31.81"E i) 24°27'31.87"N 82°13'32.00"E j) 24°27'32.10"N 82°13'31.93"E k) 24°27'32.52"N 82°13'29.40"E l) 24°27'33.02"N 82°13'28.89"E m) 24°27'32.49"N 82°13'26.61"E n) 24°27'31.85"N 82°13'26.18"E	Openca st
46	Stone	Jay Bahadur Singh-Shri Surendra Pratap Singh-	South Karundiya, Teh-Gopad Banas, Dist-Sidhi (M.P.)	Lease Order No. : 419, Lease Order Date : 19/06/2020	1.306	03/07/2020 - 02/07/2030	NA	03/07/2020	Operational	Captive	Yes 41-05/05/20	a) 24°22'12.70"N 81°54'54.20"E b) 24°22'10.70"N 81°54'58.35"E c) 24°22'07.11"N 81°54'55.17"E d) 24°22'07.37"N 81°54'52.25"E e) 24°22'09.34"N 81°54'54.61"E	Openca st

  
 State Level Environment Impact  
 Assessment Authority, M.P.  
 (EPCO)  
 Paryavaran Parisar  
 E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

47	Stone	Malay Nirman Company- Shri Pushpraj Singh	Shashiri Nagar Sidhi, Dist-Sidhi (M.P.)	Lease Order No. : 935, Lease Order Date : 12/12/2014	2	15/10/2015 - 14/10/2025	NA	15/10/2015	Operational	Captive	Yes 21- 10/06/16	a) 24°28'57.93"N 81°45'07.49"E b) 24°28'56.44"N 81°45'07.39"E c) 24°28'56.29"N 81°45'17.56"E d) 24°28'59.09"N 81°45'15.60"E	Openca st
48	Stone	Ganesh Pratap Singh- Shri Prabhu Nath Singh	Dainiha teh gopad dist sidhi	Lease Order No. : 998, Lease Order Date : 23/12/2014	1.5	26/11/2015 - 25/11/2025	NA	26/11/2015	Operational	Captive	Yes 6565- 20/10/15	a) 24°13'54.41"N 81°45'28.34"E b) 24°13'53.22"N 81°45'29.53"E c) 24°13'54.49"N 81°45'31.62"E d) 24°13'55.29"N 81°45'31.69"E	Openca st
49	Stone	Uma Mishra- Shri Ashok Kumar Mishra	Madwas teh majhauri Dist sidhi	Lease Order No. : 1132, Lease Order Date : 01/03/2012	0.99	23/05/2016 - 22/05/2021	NA	23/05/2016	Operational	Captive	Yes 590- 16/05/13	g) 24°07'02.92"N 81°45'08.28"E h) 24°07'03.31"N 81°45'08.13"E i) 24°07'04.33"N 81°45'06.70"E j) 24°07'03.66"N 81°45'08.51"E	Openca st
50	Stone	Gill Stone Crusher	Sonebhadra UP	Lease Order No. : 441, Lease Order Date : 25/06/2011	0.71	28/06/2011 - 27/06/2021	NA	28/06/2011	Operational	Captive	Yes 54- 28/10/16	a) 24°35'56.53"N 82°04'26.04"E b) 24°35'59.59"N 82°04'26.10"E c) 24°35'59.86"N 82°04'23.51"E d) 24°35'56.46"N 82°04'23.73"E	Openca st
51	Stone	Amit Singh Chouhan- Shri Anil Singh Chouhan	Adaypur teh churhat Dist sidhi	Lease Order No. : 333, Lease Order Date : 29/04/2011	2.37	16/05/2011 - 15/05/2021	NA	16/05/2011	Operational	Captive	Yes 33- 10/06/16	a) 24°35'42.06"N 82°04'06.18"E b) 24°35'42.38"N 82°04'11.71"E c) 24°35'48.37"N 82°04'12.00"E d) 24°35'48.86"E 82°04'09.86"E	Openca st

  
 State Level Environment Impact  
 Assessment Authority, M.P.  
 (EPCO)  
 Paryavaran Parisar  
 E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

52	Stone	Ajay Singh Chauhan-Shri Dinesh Singh Chauhan	Sukwari Gopad Dist sidhi	Lease Order No. : 305, Lease Order Date : 20/04/2011	1.66	12/05/2011 - 11/05/2021	NA	12/05/2011	Operational	Captive	Yes 25-10/06/16	a) 24°24'36.09"N 81°46'27.31"E b) 24°24'35.43"N 81°46'30.65"E c) 24°24'36.59"N 81°46'30.37"E d) 24°24'40.14"N 81°46'34.32"E e) 24°24'38.20"N 81°46'27.07"E	Openca st
53	Stone	Saurabh Singh-Shri Satrudhan Singh	Sidhi Khurd gopad Dist Banas sidhi	Lease Order No. : 130, Lease Order Date : 01/03/2011	2	20/04/2011 - 19/04/2021	NA	20/04/2011	Operational	Captive	Yes 64A-10/04/18	a) 24°15'50.04"N 81°51'49.37"E b) 24°15'48.70"N 81°51'41.63"E c) 24°15'52.09"N 81°51'41.38"E d) 24°15'53.57"N 81°51'49.23"E	Openca st
54	Stone	Asha Tiwari-Shri Abhinendra Tiwari	-Baari Gopad Dist-Sidhi	Lease Order No. : 396, Lease Order Date : 28/03/2016	2.5	29/08/2016 - 28/08/2026	NA	29/08/2016	Non-Operational	Captive	Yes 35-10/06/16	a) 24°20'52.84"N 81°46'13.42"E b) 24°20'54.05"N 81°46'17.70"E c) 24°20'55.64"N 81°46'17.63"E d) 24°20'54.44"N 81°46'13.31"E	Openca st
55	Stone	Neeraj Singh Parihar-Shri Bhayama ni Singh Parihar	-Shastri Nagar Sidhi, Gopad Dist-Sidhi (M.P.)	Lease Order No. : 15969-71, Lease Order Date : 11/08/2017	3	22/03/2018 - 21/03/2028	NA	22/03/2018	Non-Operational	Captive	Yes 37-30/06/18	a) 24°30'25.67"N 81°57'18.87"E b) 24°30'26.45"N 81°57'25.17"E c) 24°30'22.68"N 81°57'25.73"E d) 24°30'22.48"N 81°57'23.55"E e) 24°30'20.61"N 81°57'23.72"E f) 24°30'20.15"N 81°57'19.45"E	Openca st

# District Survey Report: Sidhi

56	Stone	Vaibhawa Infratech Pvt Ltd- Shri Suresh Tiwari	46, Patliputra colony, Patna Bihar	Lease Order No. : 18151-62, Lease Order Date : 15/11/2011	13.04	13/01/2012 - 12/01/2022	NA	13/01/2012 012	Non-Operational	Captive	Yes 1332-10/05/16	e) 24°28'05.56"N 82°13'07.63"E f) 24°28'21.14"N 82°13'08.41"E g) 24°28'09.18"N 82°13'20.86"E h) 24°28'04.72"N 82°13'17.96"E i) 24°28'04.72"N 82°13'16.08"E j) 24°28'09.84"N 82°13'17.38"E k) 24°28'09.69"N 82°13'11.59"E	Openca st
57	Stone	Vinod Kumar Singh- Shri Indr Bahadur Singh-	Hata Po-Hata Teh- Hanumana Dist-Rewa	Lease Order No. : 466, Lease Order Date : 26/05/2018	4	18/03/2018 - 17/03/2028	NA	18/03/2018 018	Non-Operational	Captive	Yes 46-28/10/16	e) 24°29'37.09"N 82°13'30.10"E f) 24°29'35.20"N 82°13'28.80"E g) 24°29'32.20"N 82°13'19.90"E h) 24°29'36.40"N 82°13'19.90"E	Openca st
58	Stone	Nagendra Singh- Shri Indradco Singh-	Badhauna, Teh- Churhat, Dist- Sidhi (M.P.)	Lease Order No. : 15969-71, Lease Order Date : 11/08/2017	3	22/03/2018 - 21/03/2028	NA	22/03/2018 018	Non-Operational	Captive	Yes 39-30/06/18	a) 24°30'18.70"N 81°57'10.78"E b) 24°30'22.74"N 81°57'10.15"E c) 24°30'24.05"N 81°57'17.75"E d) 24°30'19.78"N 81°57'18.32"E	Openca st
59	Stone	Vikas Shukla- Shri Rajendra Prasad Shukla	-Arjun Nagar, Teh- Gopad Banas, Dist-Sidhi (M.P.)	Lease Order No. : 7562-66, Lease Order Date : 12/05/2016	1.75	20/01/2017 - 19/01/2027	NA	20/01/2017 017	Non-Operational	Captive		a) 24°35'53.10"N 82°04'10.70"E b) 24°35'53.90"N 82°04'15.80"E c) 24°35'59.20"N 82°04'15.00"E d) 24°35'59.80"N 82°04'10.20"E	Openca st
60	Gitti	Pushpraj	vill Upani Teh		1.92	-	NA	-	Non-	Captive	No	A 24°23'34.50"N	Openca st





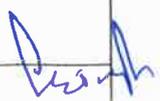
# District Survey Report: Sidhi

64	Shri Bans Bahadur Singh-	HANUMANGARH TEH RAMPUR NAIKIN DIST SIDHI	Lease Order No. : 970, Lease Order Date : 28/09/2020	1.40	30/09/2020 - 29/09/2030	NA	30/09/2020	Operational	Captive	13/07/18	b) 24°23'28.69"N 81°57'17.52"E c) 24°23'32.35"N 81°57'17.85"E d) 24°23'32.30"N 81°57'16.37"E e) 24°23'29.85"N 81°57'15.60"E f) 24°23'29.84"N 81°57'15.05"E g) 24°23'29.38"N 81°57'15.05"E h) 24°23'29.48"N 81°57'12.43"E i) 24°23'32.09"N 81°57'12.19"E j) 24°23'32.15"N 81°57'12.79"E k) 24°23'32.61"N 81°57'12.76"E l) 24°23'32.62"N 81°57'11.56"E A 24°19'43.45"N 81°36'15.90"E B 24°19'44.93"N 81°36'19.54"E C 24°19'45.07"N 81°36'18.84"E D 24°19'47.66"N 81°36'18.37"E E 24°19'48.79"N 81°36'19.36"E F 24°19'48.76"N 81°36'15.36"E G 24°19'47.69"N 81°36'15.43"E H 24°19'46.51"N 81°36'14.92"E I 24°19'45.21"N	Opencast
----	--------------------------	--	--	------	-------------------------	----	------------	-------------	---------	----------	--	----------

State Level Environment Impact Assessment Authority, M.P. (EPCO)  
 Parvavaran Parisar E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

65	WARD KOTARKALA, GOPAD BANAS, DIST SIDHI	NO.1, TEH- NAIKIN	Lease Order No. : 687, Lease Order Date : 24/08/2020	2.35	03/09/2020 - 02/09/2030	NA	03/09/2020	Operational	Captive	Yes 1969- 05/08/20	81°36'15.56"E A 24°21'20.28"N 81°45'24.06"E B 24°21'25.10"N 81°45'26.27"E C 24°21'25.66"N 81°45'23.90"E D 24°21'24.80"N 81°45'23.37"E E 24°21'24.85"N 81°45'22.75"E F 24°21'23.97"N 81°45'22.49"E G 24°21'24.00"N 81°45'21.88"E H 24°21'24.76"N 81°45'21.76"E	Openca st
66	KIRAN PATHAK- SHRI MAHENDRA KUMAR PATHAK	KUDIYA PAWAI TEH RAMPUR NAIKIN DIST SIDHI	Lease Order No. : 689, Lease Order Date : 24/08/2020	1.394	12/02/2021 - 11/02/2031	NA	12/02/2021	Operational	Captive	Yes 16969- 05/08/20	A. 24°23'45.66"N 81°31'37.45"E B 24°23'45.93"N 81°31'37.83"E C 24°23'47.30"N 81°31'36.57"E D 24°23'47.59"N 81°31'36.75"E E 24°23'50.82"N 81°31'34.00"E F 24°23'52.57"N 81°31'33.48"E G 24°23'51.57"N 81°31'30.44"E H 24°23'48.21"N 81°31'33.68"E I 24°23'47.96"N 81°31'33.65"E J 24°23'45.96"N 81°31'35.59"E	Openca st

  
 State Level Environment Impact  
 Assessment Authority, M.P.  
 (EPCO)  
 Paryavaran Parisar  
 E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

67	Granite	Siddhidatr i Minerals Pvt Ltd.	-Vill & T'ch Rampur Naikin Dist Sidhi	Lease Order No. : 1045, Lease Order Date : 21/02/2019	3.26	-	-	-	NA	Captive	Yes	K 24°23'46.43"N 81°31'36.61"E 01. 24° 5'46.86"N 81°37'50.06"E 02. 24° 5'45.03"N 81°37'55.30"E 03. 24° 5'45.28"N 81°37'55.80"E 04. 24° 5'42.94"N 81°38'2.23"E 05. 24° 5'40.67"N 81°37'59.96"E 06. 24° 5'41.01"N 81°37'57.86"E 07. 24° 5'40.45"N 81°37'57.81"E 08. 24° 5'41.27"N 81°37'54.30"E 09. 24° 5'41.94"N 81°37'54.35"E 10. 24° 5'42.04"N 81°37'53.58"E 11. 24° 5'43.29"N 81°37'53.33"E 12. 24° 5'43.65"N 81°37'51.94"E 13. 24° 5'46.17"N 81°37'49.92"E
68	Fullers Earth	Kiran Mishra- Shri Aatmanan d Mishra	-Vill & T'ch Rampur Naikin Dist Sidhi	Lease Order No. : 1045, Lease Order Date : 21/02/2019	2	22/01/2020 - 21/01/2025	22/01/2 020	Operational	NA	Captive	Yes 805- 11/06/20	1. 24° 19'41.8"N 81° 29'06.2"E 2. 24° 19'36.4"N 81° 29'05.7"E 3. 24° 19'36.2"N 81° 29'10.3"E 4. 24° 19'41.6"N 81° 29'10.4"E
69	Stone	Nagendra	Devri	Lease Order No.	1.481	14-12-2018	14-12-	Non	NA	Captive	No	Openca st

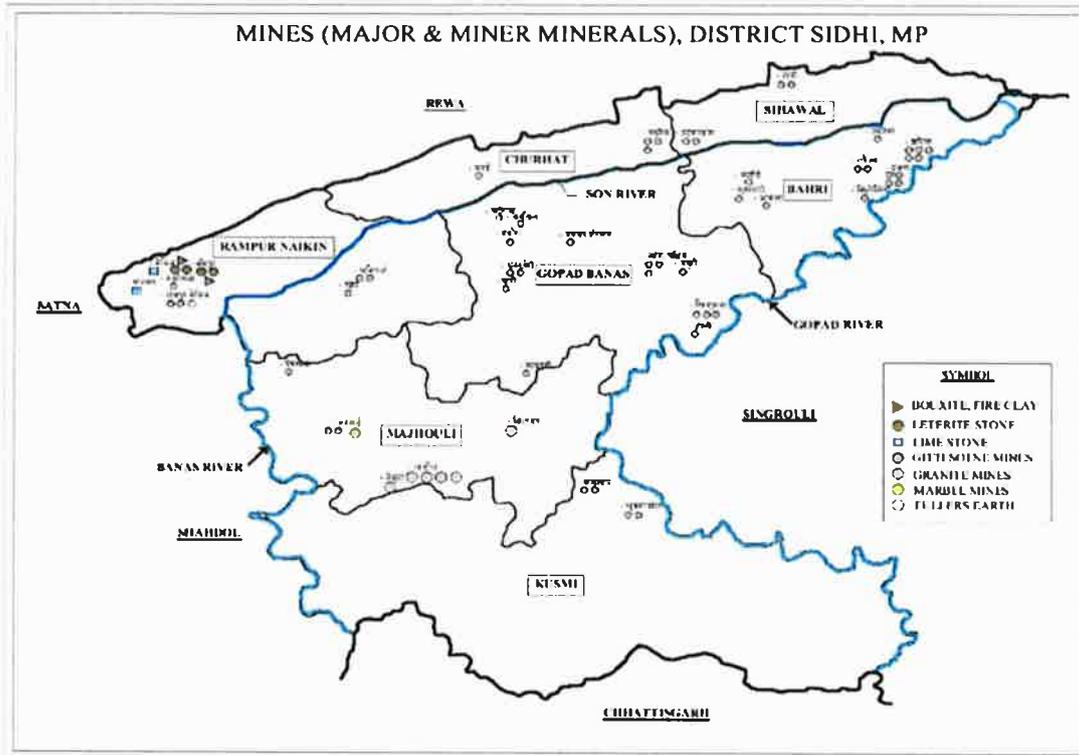
  
 State Level Environmental Impact  
 Assessment Authority, M.P.  
 (EPCO)  
 Paryavaran Parisar  
 E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

		Singh - Anixar Singh	Majhaulti sidhi	: 651, Lease Order Date : 05/10/2018	13-12-2028	2018	Operational		
70	Granite	Yogendra Mohan Jaiswal	Normal School Road, Mahalaxmi Agencies, Ganjipura, Jabalpur	Lease Order No. : 785, Lease Order Date : 15/09/2020	-	NA	Non Operational	Captive	No
71	Stone	Kumkum Singh	Kubhari Bahari Sidhi Teh Dist Sidhi	Lease Order No. : 432, Lease Order Date : 24/06/2020	30-06-2020 - 29-06-2030	NA	Non Operational	Captive	No
72	Stone	Rajshila Stone Crusher	Shastri nagar Teh Giopad banas Dist Sidhi	Lease Order No. : 963, Lease Order Date : 28/09/2020	28-09-2020 - 27-09-2030	NA	Non Operational	Captive	No
73	Stone	AS Construction	Ravindra Nagar, Bara, Rewa	Lease Order No. : 270, Lease Order Date : 27/10/2021	-	NA	Non Operational	Captive	No
74	Stone	Aparna Shukla	Pondi Majhaulti Sidhi Teh Dist Sidhi	Lease Order No. : 1037, Lease Order Date : 15/02/2018	-	NA	Non Operational	Captive	No
75	Stone	Bhairav Pratap Singh	Patpara Churhat Sidhi Teh Dist Sidhi	Lease Order No. : 70, Lease Order Date : 26/09/2018	-	NA	Non Operational	Captive	No

  
 State Level Environment Impact  
 Assessment Authority, M.P.  
 (EPCO)  
 Paryavaran Parisar  
 E-5, Arera Colony, Bhopal (M.P.)

## District Survey Report: Sidhi



**All Mineral Mines**

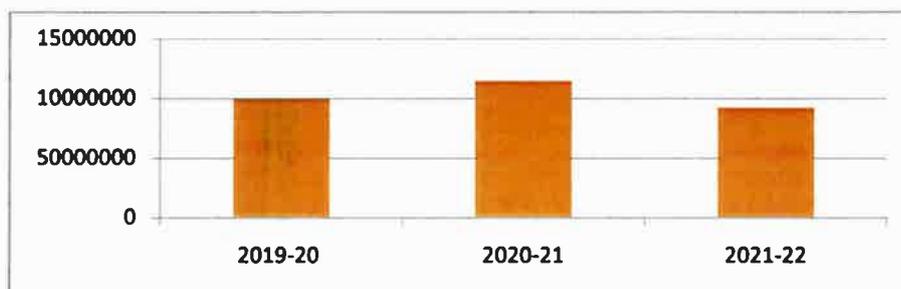
### 10. Details of Royalty or Revenue received in last three years:

**Revenue received in last three years for Minor mineral other than Sand lease**

Year	Revenue (In Rs.)
2019-20	99495237
2020-21	114454233
2021-22	92120063

  
 State Level Environment Impact  
 Assessment Authority, M.P.  
 (E.P.S.O.)  
 Paryavaran Parisar  
 C-5, Arera Colony, Bhopal (M.P.)

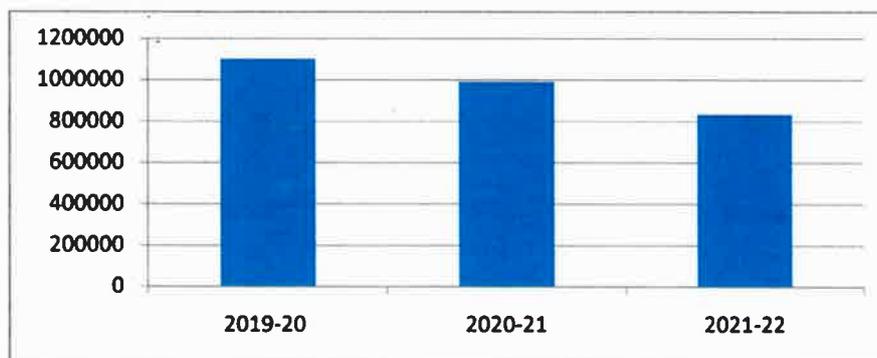
## District Survey Report: Sidhi



### 11. Details of Production of Minor Minerals in last three years

Minor Mineral Production in last 3 years

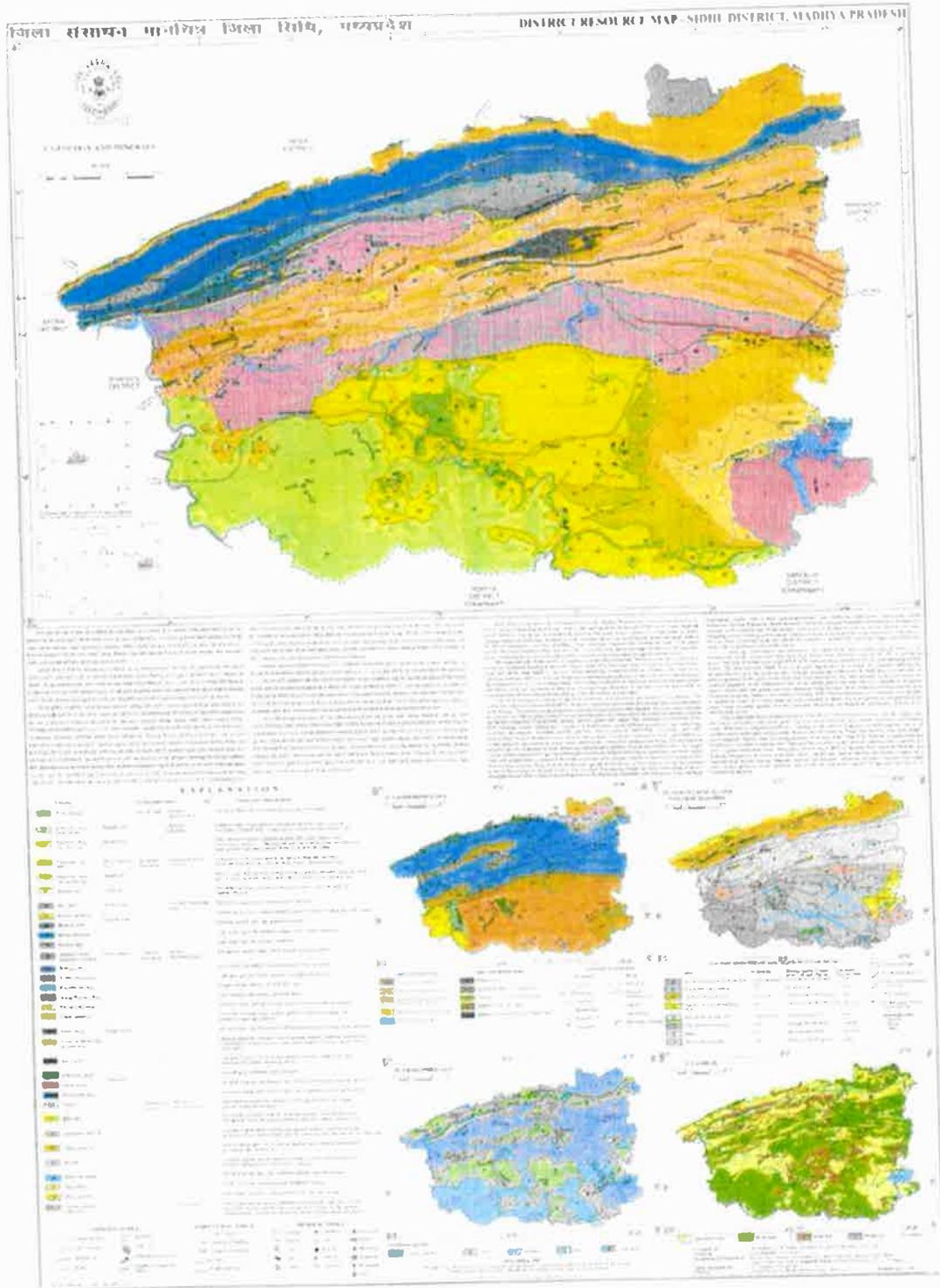
Year	Production (In Cu. Mt)
2019-20	1101750
2020-21	991163
2021-22	833978



  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

## 12. Mineral Map of District –



*[Signature]*  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

13. List of Letter of Intent (LOI) Holders in the District-

S.No.	Name of the Mineral	Name of the Lessee	Address & Contact No. of Letter of Intent Holder	Letter of Intent Grant Order No. & date	Area of Mining lease to be allotted	Validity of LOI	Use (Captive/Non Captive)	Location of the Mining Lease (Latitude and Longitude)
1.	Stone	Nagendra Singh – Aniyar Singh	Devri Teh Majhauti sidhi	Lease Order No. : 651. Lease Order Date : 05/10/2018	1.481		Captive	a) 24°04'29.4"N 81°50'53.9"E b) 24°04'29.8"N 81°50'56.1"E c) 24°04'24.8"N 81°50'00.7"E d) 24°04'22.8"N 81°50'56.8"E
2.	Granite	Yogendra Mohan Jaiswal	Normal School Road, Mahalaxmi Agencies, Ganjipura, Jabalpur	Lease Order No. : 785. Lease Order Date : 15/09/2020	2.750		Captive	e) 24°07'53.4"N 81°42'53.4"E f) 24°07'59.3"N 81°42'51.1"E g) 24°07'56.8"N 81°42'58.2"E h) 24°07'51.5"N 81°42'58.8"E
3.	Stone	Kumkum Singh	Kubari Teh Bahari Dist Sidhi	Lease Order No. : 432. Lease Order Date : 24/06/2020	2.000		Captive	a) 24°25'41.38"N 82°02'40.15"E b) 24°25'47.61"N 82°02'40.73"E c) 24°25'48.55"N 82°02'43.43"E d) 24°25'46.00"N 82°02'41.88"E
4.	Stone	Rajshila Stone Crusher	Shastri nagar Teh Gopad banas Dist Sidhi	Lease Order No. : 963. Lease Order Date : 28/09/2020	2.850		Captive	a) 24°29'19.20"N 81°45'51.20"E b) 24°29'18.72"N 81°45'55.83"E c) 24°29'11.76"N 81°45'54.04"E d) 24°29'16.57"N

# District Survey Report: Sidhi

									81°45'51.93"E
5.	Stone	AS Construction	Ravindra Nagar, Bara, Rewa	Lease Order No. : 270. Lease Order Date : 27/10/2021	1.550	Captive			a) 24°4'31.39"N 81°50'49.52"E b) 24°4'30.89"N 81°50'50.82"E c) 24°4'32.49"N 81°50'46.26"E d) 24°4'33.53" N 81°50'49.28"E
6.	Stone	Aparna Shukla	Pondi Teh Majhauli Dist Sidhi	Lease Order No. : 1037. Lease Order Date : 15/02/2018	2.420	Captive			a) 24°13'41.18"N 81°45'29.21"E b) 24°13'42.89"N 81°45'32.75"E c) 24°13'48.65"N 81°45'30.32"E d) 24°13'44.25"N 81°45'29.93"E
7.	Stone	Bhairav Pratap Singh	Paipara Teh Churhat Dist Sidhi	Lease Order No. : 70. Lease Order Date : 26/09/2018	2.000	Captive			e) 24°32'52.17"N 81°55'8.64"E f) 24°32'52.44"N 81°55'14.19"E g) 24°32'56.70"N 81°55'12.34"E h) 24°32'59.96"N 81°55'12.46"E
8.	Stone	Saroj Singh	Shastri nagar Teh Cropan banas Dist Sidhi	Lease Order No. : 1321/1. Lease Order Date : 20/06/2019	2.000	Captive			i) 24°23'54.85"N 82°09'54.69"E j) 24°24'0.72"N 82°09'58.53"E k) 24°23'59.97"N 82°09'55.48"E l) 24°23'58.44"N 82°09'53.27"E

  
 State Level Environment Impact  
 Assessment Authority, M.P.  
 (EPCO)  
 Paryavaran Parisar  
 E-5, Arera Colony, Bhopal (M.P.)

14. Total Mineral reserve available in District –

S.no.	Mineral	reserve
1	Gitti	2153939 Cum.
2	Granite	3227.95 Cum.
3	Fullers Earth	102957.6 Cum.
4	Lime stone	16030903 M.T.
5	Bauxite	29114.845 M.T.

  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

## District Survey Report: Sidhi

### 15. Quality/Grade of Mineral available in the District

There is quality of mineral available as a major and minor grade is present in the Sidhi District. As we have assessed mineral availability of the district is fare and acceptable quality and it has commercial value.

S.no.	Mineral	Grade
1	Lime stone	Others
2	Bauxite	Cement, Refractory
3	Granite	Other than black, Low Grade

### 16. Use of Mineral

Minor Minerals are mainly use for construction purpose. Minor Minerals' comprise of gravel, building stones, soil, ordinary clay, ordinary sand, and murrum.

**Limestone :** Limestone is one of the important resources for human beings. It is an extremely versatile mineral that is used in various fields and in numerous ways. We can easily find objects made up of one or another form in almost every common household. It is used in building and decorative stones, Aggregates – Limestone is crushed and sorted into various sizes for its use for various purposes. It is one of the main components of concrete. It is coated with bitumen to make asphalt. Most of its aggregates are used in the formation of bases of roads, walls, paving slabs, decorative pieces etc. Industrial purposes, Cement, Portland cement is a product of limestone which on mixing with aggregates makes concrete, Agriculture, Petroleum reservoirs, In pollution control, In Glassmaking, As a source of calcium, In mining, To increase the alkalinity of water, In medicines, In cosmetics. In many cosmetics products also it is used as filler, As raw material for synthesis

**Bauxite :** Bauxite does not have many uses as far as it is concerned. The only things are that it holds great importance as being the primary ore of aluminum. Bauxite is the best and only material for making aluminum and we know this metal is used in a lot of things. Apart from this some common uses of Bauxite are in Metallurgy, Industries and in building material and road aggregates.

**Laterite :** Laterite soil are commonly used as road pavement materials to provide a better sub base, gravel for roads and base materials. They are also good material for embankment construction. It is also used in cement industries.

**Fuller's earth :** Fuller's earth is a clay-like material made from aluminum silicate. It has many uses including deodorizing, filtering and purifying. It is especially effective at soaking up grease-based dirt, whether it's on skin, fabric, upholstery, or other surfaces.

  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

## District Survey Report: Sidhi

**Granite** : it is the most common igneous rock found on Earth's surface and is used to make many objects that they encounter in their day to day life. It is used to make countertops, floor tiles, paving stone, curbing, stair treads, building veneer, and cemetery monuments.

**Marble** : Marbles are used principally for buildings and monuments, interior decoration, statuary, table tops, and novelties. Colour and appearance are their most important qualities.

**Crushed stone (Gitti)**: Angular crushed stone is the key material for macadam road construction, which depends on the interlocking of the individual stones' angular faces for its strength. Also use as rip rap, as railroad track ballast, as composite material (with a binder) in concrete, tarmac, and asphalt concrete.

**Sand**: Sand is used to give strength, bulk and other properties to construction materials like asphalt and concrete. In landscaping, it is used as a decorative material. A particular type of sand is used for glass manufacturing. Likewise, it is used for metal casting as a moulding material.

**Murum**: It is a mixture of minerals, organic matters, gravels, rock particles etc. Murum is used in plinth filling, road pavements, backfilling in trenches, footing pits, etc. Given that it doesn't contain any organic matters and can be compacted easily forming hard surfaces, it is a soil suitable in the field of construction.

**Soil**: Ordinary earth soil used for filling the embankment, roads, railways and building. Soil which is excavated from mine is also used for different purpose of construction. Brick

**Clay/Soil**: Brick clay/Soil is rich in alumina, silica, calcium, oxides of iron, magnesium and organic matter. These are low grade clays used most for the manufacturing of building bricks and similar clay products.

### 17. Demand and Supply of the mineral in last three years-

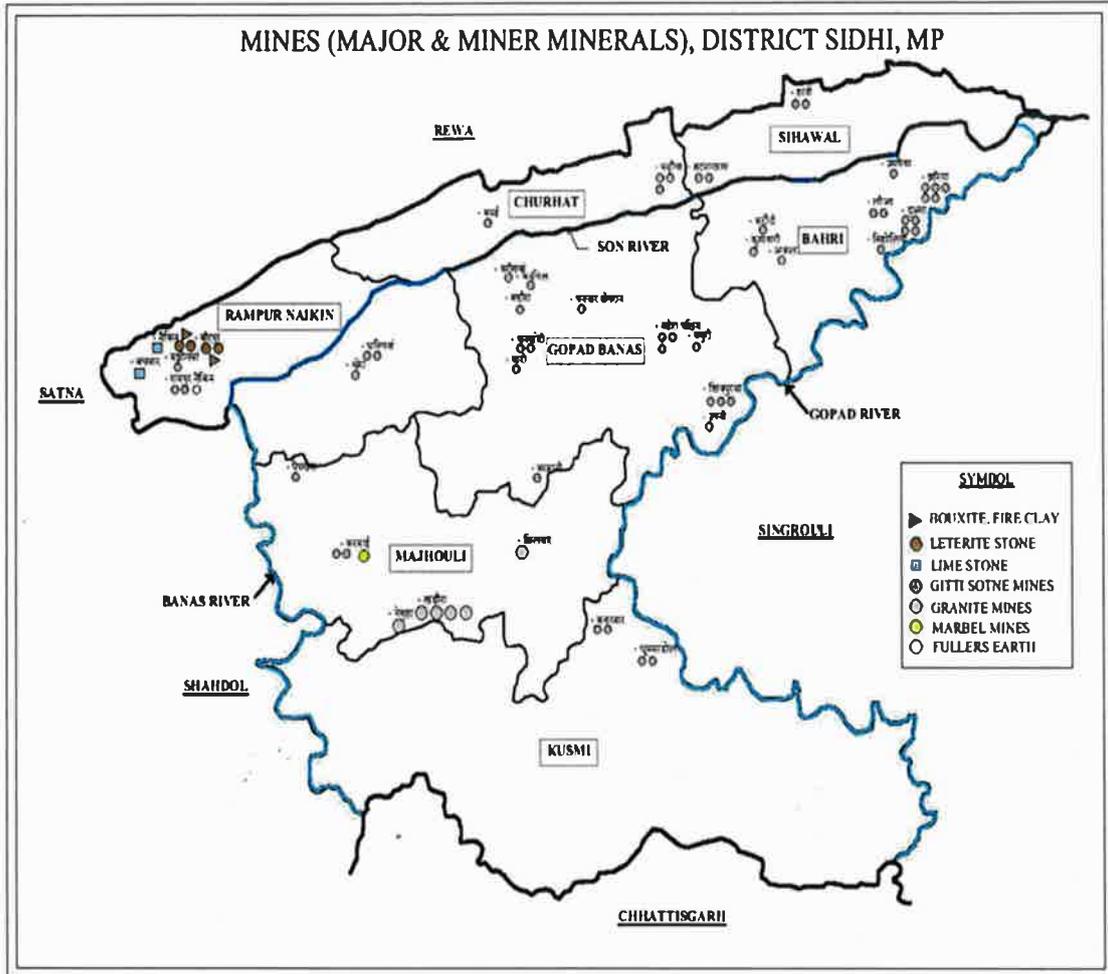
Table Showing Supply of minerals in last three years

S.no.	Mineral	2019-20 (Cum)	2020-21 (Cum)	2021-22 (Cum)
1	Stone/Gitti	772741	858583	625178
2	Granite	4009	5000	5000
3	Murum	325000	125500	201000
4	Marble	0	0	800
5	Fullers Earth	0	2080	2000
6	Limestone	1567985	3388647	2544589
7	Bauxite	54069	35987	32771

  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

## District Survey Report: Sidhi

### 18. Mining leases marked on the map of the District-



### 19. Details of the area of where there is a cluster of mining leases

S.n	Mineral	Name of Lessee	Cluster Area (Ht)	Location
<b>Bahera Paschim Cluster (Village-Bahera Paschim, Tehsil- Gopad Banas)</b>				
1	Stone	Jay Bahadur Singh-Shri Surendra Pratap Singh-South Karoundiya, Teh-Gopad Banas, Dist-Sidhi (M.P.)	1.00	e) 24°21'24.62"N 81°54'26.26"E f) 24°21'27.39"N 81°54'28.54"E g) 24°21'28.82"N 81°54'24.02"E h) 24°21'26.64"N 81°54'24.19"E
	Stone	Jay Bahadur Singh-Shri Surendra Pratap Singh-South Karoundiya, Teh-Gopad Banas, Dist-Sidhi	2.58	j) 24°22'11.10"N 81°54'56.80"E

## District Survey Report: Sidhi

		(M.P.)		k) 24°22'11.10"N 81°55'01.10"E l) 24°22'07.50"N 81°54'55.30"E m) 24°22'07.50"N 81°54'59.80"E
	Stone	Jay Bahadur Singh-Shri Surendra Pratap Singh-South Karoundiya, Teh-Gopad Banas, Dist-Sidhi (M.P.)	1.306	f) 24°22'12.70"N 81°54'54.20"E g) 24°22'10.70"N 81°54'58.35"E h) 24°22'07.11"N 81°54'55.17"E i) 24°22'09.34"N 81°54'54.61"E
<b>Total</b>			<b>4.886</b>	
<b>Hardi Cluster (Village-Hardi, Tehsil-Sihawal)</b>				
2	Stone	Mccmahadeo Constructions Private Limited-Shri Umesh Kumar Singh-Flat No.1, Gangotri Apartment, Jawahar Nagar Extention, Gurudham Varanasi (U.P.)	3.93	i) 24°35'48.70"N 82°04'46.90"E j) 24°35'51.40"N 82°04'52.70"E k) 24°35'56.10"N 82°04'53.40"E l) 24°35'56.90"N 82°04'47.50"E
	Stone	Vikas Shukla-Shri Rajendra Prasad Shukla-Arjun Nagar, Teh-Gopad Banas, Dist-Sidhi (M.P.)	1.75	e) 24°35'53.10"N 82°04'10.70"E f) 24°35'53.90"N 82°04'15.80"E g) 24°35'59.20"N 82°04'15.00"E h) 24°35'59.80"N 82°04'10.20"E
	Stone	Gill Stone Crusher Gurudwara Complex Singrouli	0.71	e) 24°35'56.53"N 82°04'26.04"E f) 24°35'59.59"N 82°04'26.10"E g) 24°35'59.86"N 82°04'23.51"E h) 24°35'56.46"N 82°04'23.73"E
	Stone	Amit Singh Chouhan-Shri Anil Singh Chouhan, Adaypur, The. Churhat	2.37	f) 24°35'42.06"N 82°04'06.18"E g) 24°35'42.38"N 82°04'11.71"E h) 24°35'48.37"N 82°04'12.00"E i) 24°35'48.37"N 82°04'09.86"E j) 24°35'47.19"N 82°04'05.44"E
<b>Total</b>			<b>8.76</b>	
<b>Khadauda Cluster (Village-Khadauda, Tehsil- Majhauri)</b>				
3.	Gitti. Granite	M K S Minerals & Marbles-Shri Sanjay Dubey-Aazad Ward Mandla, Dist-Mandla	6.34	f) 24°08'16.80"N 81°42'06.60"E g) 24°08'23.00"N 81°42'08.80"E h) 24°08'13.70"N 81°42'21.70"E i) 24°08'16.80"N

## District Survey Report: Sidhi

				81°42'06.60"E j) 24°08'03.30"N 81°42'13.20"E
Granite	Kbs Rock-Shri Kamlesh Mishra-22, Veer Savarkar Nagar, Indore	4.13		e) 24°07'43.60"N 81°42'19.50"E f) 24°07'51.10"N 81°42'18.40"E g) 24°07'43.10"N 81°42'14.10"E h) 24°07'44.70"N 81°42'08.10"E
Granite	Kbs Rock-Shri Kamlesh Mishra-22, Veer Savarkar Nagar, Indore	4.68		1. 24°07'43.6"N 81°42'19.5" E 2. 24°07'51.1"N 81°42'18.4"E 3.24°07'43.1"N 81°42'14.1"E 4. 24°07'44.7"N 81°42'08.1"E
Gitti, Granite	Zed Black Rocks-5th/ Terrace Aeon Complex Opp. Mem Nagar Fire Station Navrangnpura Ahmedabad 380009(G.J.)	9.48		l) 24°07'55.10"N 81°42'31.70"E m) 24°07'43.30"N 81°42'38.70"E n) 24°07'45.60"N 81°42'33.50"E o) 24°07'55.10"N 81°42'34.50"E
<b>Total</b>		<b>24.63</b>		
<b>Dhummadol Cluster (village-Dhummadol Tehsil-Kusami)</b>				
4.		Ramesh Stone Crusher-Shri Santosh Kumar-Bari, Po-Baridala, Dist-Robertsganj (U.P.)	2.20	j) 24°04'06.56"N 81°55'08.01"E k) 24°04'07.96"N 81°55'08.84"E l) 23°25'03.40"N 81°55'08.32"E m) 23°25'04.47"N 81°55'07.64"E
		Ramesh Stone Crusher-Shri Santosh Kumar-Bari, Po-Baridala, Dist-Robertsganj (U.P.)	3.00	h) 24°04'06.56"N 81°55'08.01"E i) 24°04'12.04"N 81°55'03.82"E j) 24°04'03.79"N 81°55'06.81"E k) 24°04'04.47"N 81°55'07.64"E
<b>Duara Cluster (Village-Duara Tehsil-Kusami)</b>				
5.	Stone	Suresh Tiwari-Shri Nayan Tiwari Patliputra 46 Patna Bihar	3.00	l) 24°28'05.56"N 82°13'07.63"E m) 24°28'04.72"N 82°13'16.08"E n) 24°28'09.84"N 82°13'17.38"E o) 24°28'09.69"N 82°13'11.59"E
	Stone	Vaibhawa Infratech Pvt Ltd-Shri Suresh Tiwari. 1011 Padma Towar I. Rajendra Palace. New Delhi	13.04	a) 24°28'05.56"N 82°13'07.63"E b) 24°28'21.14"N 82°13'08.41"E c) 24°28'09.84"N

## District Survey Report: Sidhi

				82°13'17.38"E d) 24°28'09.69"N 82°13'11.59"E
	Stone	Narayandas Dwivedi-Shri Thakur Prasad Dwivedi-Phulwari, Teh-Bahari, Dist-Sidhi	2.02	k) 24°28'01.74"N 82°13'22.01"E l) 24°28'01.02"N 82°13'27.62"E m) 24°28'10.43"N 82°13'15.84"E n) 24°28'08.45"N 82°13'15.31"E
	Stone	Narayandas Dwivedi-Shri Thakur Prasad Dwivedi-Phulwari, Teh-Bahari, Dist-Sidhi	1.74	o) 24°28'06.79"N 82°13'23.10"E p) 24°28'07.06"N 82°13'24.68"E q) 24°28'13.64"N 82°13'23.54"E r) 24°28'13.18"N 82°13'19.44"E
<b>Total</b>			<b>19.8</b>	
<b>Jhariya Cluster (Village-Jhariya, Tehseel-Bahri)</b>				
6.	Stone	Chandra Mohan Pandey-Shri Brihaspati Prasad Pandey-Nakjhar Khurd, Teh-Bahari, Dist-Sidhi	1.10	k) 24°29'40.01"N 82°12'44.52"E l) 24°29'34.45"N 82°12'44.93"E m) 24°29'38.38"N 82°12'49.16"E n) 24°29'39.97"N 82°12'49.12"E
	Stone	Chandra Mohan Pandey-Shri Brihaspati Prasad Pandey-Nakjhar Khurd, Teh-Bahari, Dist-Sidhi	1.00	e) 24°29'39.51"N 82°12'50.20"E f) 24°29'37.07"N 82°12'50.14"E g) 24°29'37.52"N 82°12'44.98"E h) 24°29'38.61"N 82°12'44.78"E
	Stone	Gaurav Singh-Shri Manendra Singh-Village Pateri Tah Churhat Dist. Sidhi Mp	2.00	l) 24°29'43.40"N 82°12'50.59"E m) 24°29'43.48"N 82°12'54.78"E n) 24°29'48.65"N 82°12'55.00"E o) 24°29'48.76"N 82°12'50.51"E
	Stone	Sushila Tiwari-Shri Nageshwar Prasad Tiwari-Dadhiya Po-Paraswar Teh-Bahari Dist-Sidhi	1.50	a) 24°29'34.40"N 82°12'58.20"E b) 24°29'39.30"N 82°12'58.10"E c) 24°29'40.00"N 82°12'52.50"E d) 24°29'34.40"N 82°12'51.70"E
	Stone	Vinod Kumar Singh-Shri Indr Bahadur Singh-Hata Po-Hata Teh- Hanumana Dist-Rewa	4.00	a) 24°29'37.09"N 82°13'30.10"E b) 24°29'35.20"N 82°13'28.80"E c) 24°29'32.20"N 82°13'19.90"E d) 24°29'36.40"N

## District Survey Report: Sidhi

			Total	9.60	82°13'19.90"E
<b>Badhauna-Hatwakhas Cluster (Village-Badhauna Tehsil-Churhat, Village-Hatwakhas Tehsil-Sihawal)</b>					
7.	Stone	Santosh Kumar Singh-Shri Abhay Raj Singh-BadhaunaTeh-ChurhatDist-Sidhi	1.00		f) 24°30'33.16"N 81°57'47.58"E g) 24°30'29.13"N 81°57'48.94"E h) 24°30'28.16"N 81°57'51.64"E i) 24°30'33.62"N 81°57'49.24"E j) 24°30'36.83"N 81°57'52.64"E
	Stone	Bharat Singh-Shri Santosh Kumar Singh-BadhaunaTeh-Gopad Banas Dist-Sidhi	2.85		a) 24°30'25.14"N 81°57'53.58"E b) 24°30'25.27"N 81°57'57.04"E c) 24°30'35.74"N 81°57'52.51"E d) 24°30'35.17"N 81°57'49.98"E
	Stone	Ranjeet Singh-Shri Bans Bahadur Singh-Karoundiya Uttar Tola Sidhi	3.00		a) 24°30'27.90"N 81°57'34.87"E b) 24°30'27.99"N 81°57'40.02"E c) 24°30'34.12"N 81°57'40.33"E d) 24°30'34.12"N 81°57'34.28"E
	Stone	Nagendra Singh-Shri Indradeo Singh-Badhauna, Teh-Churhat, Dist-Sidhi (M.P.)	3.00		e) 24°30'18.70"N 81°57'10.78"E f) 24°30'22.74"N 81°57'10.15"E g) 24°30'24.05"N 81°57'17.75"E h) 24°30'19.78"N 81°57'18.32"E
	Stone	Necraj Singh Parihar-Shri Bhaiyamani Singh Parihar-Shastri Nagar Sidhi, Teh-Gopad Banas. Dist-Sidhi (M.P.)	3.00		g) 24°30'25.67"N 81°57'18.87"E h) 24°30'26.45"N 81°57'25.17"E i) 24°30'20.61"N 81°57'23.72"E j) 24°30'20.15"N 81°57'19.45"E
<b>Total</b>			<b>12.85</b>		
<b>Katarwar Khajuriha Cluster (Village-Katarwar Tehsil-Kusami, Khajuriha Tehsil-Majhauri)</b>					
8.	Stone	Arpit Minerals & Construction Company-Narendra Nagar, AmahiyaRewa, Dist-Rewa	2.40		f) 24°04'39.86"N 81°50'57.24"E g) 24°04'39.18"N 81°51'01.95"E h) 24°04'42.29"N 81°51'02.17"E i) 24°04'42.29"N 81°51'02.17"E j) 24°04'43.55"N 81°50'57.13"E
	Stone	Sarad Kumar Singh-Shri Nageshwar Singh-NebuhaTeh-Majhauri, Dist-Sidhi	1.66		a) 24°04'27.90"N 81°50'52.00"E b) 24°04'25.40"N

## District Survey Report: Sidhi

				81°50'56.20"E c) 24°04'26.70"N 81°50'01.40"E d) 24°04'27.70"N 81°50'04.80"E e) 24°04'30.50"N 81°50'06.70"E f) 24°04'32.00"N 81°50'03.50"E g) 24°04'35.00"N 81°50'00.90"E
	Stone	Nagendra Singh – Aniyar Singh, Devri Teh Majhauri sidhi	1.481	i) 24°04'29.4"N 81°50'53.9"E j) 24°04'29.8"N 81°50'56.1"E k) 24°04'24.8"N 81°50'00.7"E l) 24°04'22.8"N 81°50'56.8"E
	Stone	AS Construction Pro. Shri Arpit Singh. Ravindra Nagar, Bara, Rewa	1.550	e) 24°4'31.39"N 81°50'49.52"E f) 24°4'30.89"N 81°50'50.82"E g) 24°4'32.49"N 81°50'46.26"E h) 24°4'33.53"N 81°50'49.28"E
<b>Total</b>			<b>7.091</b>	
<b>Upani Cluster (Village-Upani, Tehsil-Gopadbanas)</b>				
9.	Stone	Pushpraj Singh S/o Shri Kamalbhan Singh, villUpaniTehGopad Banas DistSidhi	1.92	a) 24°23'34.50"N 81°57'2.42"E b) 24°23'34.11"N 81°57'4.06"E c) 24°23'36.55"N 81°57'3.92"E d) 24°23'36.49"N 81°57'4.39"E e) 24°23'36.21"N 81°57'4.40"E
	Stone	Singh-Shri Bans Bahadur Singh-Karoundiya Uttar Tola Sidhi	1.00	m) 24°23'28.77"N 81°57'11.98"E n) 24°23'28.69"N 81°57'17.52"E o) 24°23'32.61"N 81°57'12.76"E p) 24°23'32.62"N 81°57'11.56"E
<b>Total</b>			<b>2.92</b>	
<b>Dhankhori Cluster (Village-Dhankhori, Tehsil-Gopadbanas)</b>				
10.	Stone	Arvind Kumar Singh-Shri Santosh Kumar Singh-Village Banjari Tah. Gopad Banas Dist. SidhiMp	1.00	i) 24°21'50.80"N 81°47'06.70"E j) 24°21'48.59"N 81°47'06.87"E k) 24°21'52.54"N 81°47'12.18"E l) 24°21'53.00"N 81°47'09.36"E
	Stone	Ragini Singh-Shri Anil Singh-South Karoundiya.	1.90	e) 24°20'27.31"N

## District Survey Report: Sidhi

		Ward No 10, Sidhi, Dist-Sidhi (M.P.)		81°47'05.47"E f) 24°20'27.12"N 81°47'12.09"E g) 24°20'28.97"N 81°47'12.25"E h) 24°20'29.45"N 81°47'05.20"E
<b>Total</b>			<b>2.90</b>	
<b>Shivpurva Cluster (Village- Shivpurva, Tehsil-Gopadbanas)</b>				
11.	Stone	Rama Singh-Shri Vikram Singh Chauhan-Uttar Karoundiya, Teh-Gopad Banas, Dist-Sidhi	2.00	h) 24°23'17.65"N 81°57'43.22"E i) 24°23'18.61"N 81°57'46.09"E j) 24°23'20.08"N 81°57'44.71"E k) 24°23'19.62"N 81°57'42.98"E
	Stone	Ranjeet Singh-Shri Bans Bahadur Singh-Karoundiya Uttar Tola Sidhi	1.167	e) 24°23'13.50"N 81°57'55.70"E f) 24°23'20.25"N 81°57'58.49"E g) 24°23'20.25"N 81°57'58.49"E h) 24°23'20.39"N 81°57'56.85"E
<b>Total</b>			<b>3.167</b>	
<b>Dhaniganwa Cluster (Village-Shivpurva, Tehsil-Rampur Naikin)</b>				
12.	Stone	Renu Dwivedi-Shri Dinendra Dwivedi-Hanumangarh Teh-Rampur Naikin Dist-Sidhi	3.00	f) 24°21'41.71"N 81°37'39.40"E g) 24°21'38.75"N 81°37'41.63"E h) 24°21'40.81"N 81°37'46.04"E i) 24°21'46.01"N 81°37'47.01"E j) 24°21'46.92"N 81°37'46.30"E
	Stone	Jagendra Kumar Singh-Shri Shival Singh-Akouri, Teh-Rampur Naikin, Dist-Sidhi	1.00	e) 24°21'46.19"N 81°37'43.35"E f) 24°21'48.00"N 81°37'45.29"E g) 24°21'49.94"N 81°37'43.39"E h) 24°21'47.28"N 81°37'39.95"E
<b>Total</b>			<b>4.00</b>	
<b>Karaundi Cluster (Village-Karaundi, Tehsil-Bahri)</b>				
13.	Stone	Kumkum Singh-Shri Collector Singh-V/P-Kubri Teh-Bahri Dist-Sidhi	3.00	q) 24°26'04.02"N 82°02'37.27"E r) 24°26'03.96"N 82°02'39.14"E s) 24°26'07.83"N 82°02'32.07"E t) 24°26'05.77"N 82°02'33.06"E
	Stone	Kumkum Singh-Shri Collector Singh-V/P-Kubri Teh-Bahri Dist-Sidhi	2.00	m) 24°25'41.38"N 82°02'40.15"E n) 24°25'47.61"N 82°02'40.73"E o) 24°25'48.55"N

## District Survey Report: Sidhi

				82°02'43.43"E p) 24°25'46.00"N 82°02'41.88"E
	Stone	Veena Singh Baghel-Shri Rishi Kumar Singh-Village SemariyaTahGopad Banas Distt. SidhiMp	3.13	o) 24°25'49.48"N 82°02'52.49"E p) 24°25'49.08"N 82°02'56.00"E q) 24°26'00.12"N 82°02'52.97"E r) 24°26'58.52"N 82°02'52.37"E
<b>Total</b>			<b>8.13</b>	
<b>Mavai (Village-Mavai, Tehsil-Churhat)</b>				
14.	Stone	Malay Nirman Company-Shri Pushpraj Singh Shastri nagar Teh Gopad banas Dist Sidhi	2.00	e) 24°28'57.93"N 81°45'07.49"E f) 24°28'56.44"N 81°45'07.39"E g) 24°28'56.29"N 81°45'17.56"E h) 24°28'59.09"N 81°45'15.60"E
	Stone	Rajshila Stone Crusher Shastri nagar Teh Gopad banas Dist Sidhi	2.850	e) 24°29'19.20"N 81°45'51.20"E f) 24°29'18.72"N 81°45'55.83"E g) 24°29'11.76"N 81°45'54.04"E h) 24°29'16.57"N 81°45'51.93"E
<b>Total</b>			<b>4.85</b>	

### 20. Details of Eco – Sensitive Area, if any, in the District

Sanjay-Dubri National Park and Tiger Reserve was established in 1975 to conserve the biodiversity rich forest area of the district. Comprising an Evergreen Sal forest, it is home to about 152 species of bird 32 species of mammals, 11 species of reptiles, 03 species of amphibian and many more, 34 species of fresh water fishes. The major species found are tiger, Sloth bear, Chital, Nilgai, Chinkara, Sambar (limited to hilly terrain and in very small number), leopard, Dhole (wild dog), Jungle Cat, Hyena, Porcupine, Jackal, Fox, Indian Wolf, Indian Python Four-horned Antelope and Barking deer. Sanjay National Park which is a part of Sanjay-Dubri Tiger Reserve covers more than 831 sq.km and are located in Sidhi District. The area with its large size and rich biodiversity is well-known. It has Sal, Bamboo and mixed forests.

**INFORMATION ABOUT BOUNDRIES OF SANJAY TIGER RESERVE, NOTIFICATION NUMBER, VILLAGES FALLING UNDER CORE ZONE & BUFFER ZONE IS AS FOLLOWS :**

  
 State Level Environment Impact  
 Assessment Authority, M.P.  
 (EPCO)  
 Paryavaran Parisar  
 E-5, Arera Colony, Bhopal (M.P.)

## District Survey Report: Sidhi

20.1.1 THE GAZETTE OF INDIA : EXTRAORDINARY (PART II

SEC. 3 II)

20.1.2 MINISTRY OF ENVIRONMENT, FOREST

AND CLIMATE CHANGE NOTIFICATION

New Delhi, the 31st March, 2016

**S.O. 1277(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 [esz-mef@nic.in](mailto:esz-mef@nic.in)

### 20.1.3 Draft Notification

WHEREAS, the Sanjay National Park and Sanjay Dubari Wildlife Sanctuary are located in Madhya Pradesh and both the Protected Areas together constitute the core area of the Sanjay Dubri Tiger Reserve (hereinafter referred to as Tiger Reserve) which is spread over 812.581 square kilometres;

AND WHEREAS, the Sanjay Dubri Tiger Reserve is spread over an of 1674.512 square kilometres of which 812.581 square kilometres is core area of the Tiger Reserve and 861.931 square kilometre is the buffer area and that the Tiger Reserve including both Core and Buffer Area is spread over the states of Madhya Pradesh an Chattisgarh;

AND WHEREAS, Sanjay National Park and Sanjay Dubri Wildlife Sanctuary has dry to moist deciduous peninsular type of vegetation which are characterized by open to very dense forest areas;

  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

## District Survey Report: Sidhi

AND WHEREAS, Sanjay National Park and Sanjay Dubri Wildlife Sanctuary form part of Bandhavgarh-Sanjay-Guru Ghasidas-Palamau landscape which is one of the four potential Tiger meta-population landscape;

AND WHEREAS, Sanjay National Park and Sanjay Dubri Wildlife Sanctuary provides corridor connectivity with Bandhavgarh Tiger Reserve for Tigers and corridor connectivity for wild elephants of Palamu Tiger Reserve;

AND WHEREAS, various perennial rivers, viz., Gopad, Banas, Mawai, Mahan, Kodmar, Umrari flow through the Sanjay National Park and Sanjay Dubri Wildlife Sanctuary;

AND WHEREAS, wide variety of fauna is present in Sanjay National Park and Sanjay Dubri Wildlife Sanctuary which inter alia include Tiger, Panther, Sloth bear, Cheetal, Sambhar, Four Horned Antelopes, Chinkara, Barking Deer and Wild Pig;

AND WHEREAS, it is necessary to conserve and protect the area the extent and boundaries of which is specified in paragraph 1 of this notification around the Sanjay National Park and Sanjay Dubri Wildlife Sanctuary, which together constitute the Core Area of the Tiger Reserve, as Eco-sensitive Zone from ecological and environmental point of view and to prohibit industries or class of industries and their operations and processes in the said Eco-sensitive Zone;

NOW THEREFORE, in exercise of the powers 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 up to an extent of 2 kilometers from the boundary of Sanjay National Park and Sanjay Dubri Wildlife Sanctuary, which together constitute the Core Area of the Sanjay Dubri Tiger Reserve, as the Sanjay National Park and Sanjay Dubri Wildlife Sanctuary Eco-sensitive Zone (herein after referred to as the Eco-sensitive Zone), which is spread over the states of Madhya Pradesh and Chattisgarh, details of which are as under, namely:-

**1.Extent and boundaries of Eco-sensitive Zone.-** (1) The extent of Eco-Sensitive Zone is up to 2 kilometers from the boundary of Sanjay National Park and Sanjay Dubri Wildlife Sanctuary, which together constitute the core area of the Sanjay Dubri Tiger Reserve.

(2) The Eco-sensitive Zone is spread over an area of 1053.243 square kilometres which includes 861.931 square kilometre buffer area of Sanjay Dubri Tiger Reserve and includes 32.759 square kilometre area of Chattisgarh State

  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

- (3) The Eco-sensitive Zone includes 98 villages in three Districts viz. Shahdol, Sidhi and Singrauli of Madhya Pradesh and 3 villages of Manendragarh District of Chattisgarh.
- (4) The map of the Eco-sensitive Zone along with co-ordinates of prominent points is appended as **Annexure I**
- (5) The list of the villages falling within the Eco-sensitive Zone is appended as **Annexure II.**

**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, within 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.

- (2) The said Plan shall be approved by the competent authority in the State Government.
- (3) 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.
- (4) The Zonal Master Plan shall be prepared in consultation with all concerned State Departments, namely:-

(i) Environment;

(ii) Forest;

(iii) Urban Development;

(iv) Tourism;

(v) Municipal;

(vi) Revenue;

(vii) Agriculture;

(viii) State Pollution Control Board;

(ix) Irrigation; and

(x) Public Works Department, for integrating environmental and ecological considerations into it.

  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Parvavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

## District Survey Report: Sidhi

(5) The 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.

(6) The Zonal Master plan shall provide for restoration of denuded 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.

(7) The Zonal Master Plan shall demarcate all the existing worshipping places, village 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.

(8) The Zonal Master Plan shall regulate development in Eco-sensitive Zone as to ensure eco-friendly development for livelihood security of local communities.

(9) As the buffer zone of the Tiger Reserve is part of the Eco-sensitive Zone, the Tiger Conservation plan relating to the buffer zone shall also be taken into consideration during preparation of the Zonal Master Plan.

(10) The Government of Madhya Pradesh shall prepare Zonal Master Plan for the area of Eco-sensitive Zone falling within the State of Madhya Pradesh and the Government of Chhattisgarh shall prepare Zonal Master Plan for the area of Eco-sensitive Zone falling within the State of Chhattisgarh.

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

(1) **Land use.**- 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 commercial or industrial related development activities:

Provided that the conversion of agricultural lands within the Eco-sensitive Zone may be permitted on the recommendation of the Monitoring Committee, and with the prior approval of the State Government, to meet the residential needs of local residents, and for the activities listed against serial numbers 10, 16, 22, 30 and 33 in column

(2) of the Table in paragraph 4, namely:-

(i) Eco-friendly cottages for temporary occupation of tourists, such as tents, wooden

## District Survey Report: Sidhi

houses, etc. for eco-friendly tourism activities,

- (ii) Widening and strengthening of existing roads,
- (iii) Small scale industries not causing pollution,
- (iv) Rainwater harvesting, and
- (v) Cottage industries including village industries, convenience stores and local amenities:

Provided further that no use of tribal land shall be permitted for commercial and industrial development activities without the prior approval of the 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):

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:

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:

Provided also that there shall be no consequential reduction in green area, such as forest area and agricultural area and efforts shall be made to reforest the unused or unproductive agricultural areas.

(2) **Natural Springs.**-The catchment areas of all natural springs shall be identified and plans for their conservation and rejuvenation shall be incorporated in the Zonal Master Plan and the guidelines shall be drawn up by the State Government in such a manner as to prohibit development activities at or near these areas which are detrimental to such areas.

(3) **Tourism.**- (a) The activity relating to tourism within the Eco-sensitive Zone shall be as per Tourism Master Plan, which shall form part of the Zonal Master Plan.

(b) The Tourism Master Plan shall be prepared by Department of Tourism, Government of Madhya Pradesh in consultation with Department of Revenue and Forests, Government of Madhya Pradesh for the area of the Eco- sensitive Zone falling within the

# District Survey Report: Sidhi

State of Madhya Pradesh and the Tourism Master Plan for the area of Eco-sensitive Zone falling within the State of Chattisgarh shall be prepared by the Government of Chattisgarh.

(c) The activity of tourism shall be regulated as under, namely:-

(i) 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, eco-education and eco-development and based on carrying capacity study of the Eco-sensitive Zone;

(ii) No new commercial hotels and resorts shall be permitted, within one kilometer of the boundary of the Protected Area or the extent of Eco-sensitive Zone whichever is nearer, except for accommodation for temporary occupation of tourists related to eco-friendly tourism activities.

Provided that extension of existing establishments may be allowed in accordance with the Zonal Master Plan: Provided that extension of existing establishments may be allowed in accordance with the Zonal Master Plan:

However, where Eco-sensitive Zone extends beyond one kilometer, then beyond one kilometer and up to the extent of the Eco-sensitive Zone, all new tourism activities or expansions of existing activities would be conformity with Tourism Master Plan and National Tiger Conservation Authority guidelines

(iii) till 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.

(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 preserved and plan shall be drawn up for their protection and conservation, within six months from the date of publication of this notification and such plan shall form 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 plans for their conservation shall be prepared within six months

## District Survey Report: Sidhi

from the date of publication of this notification and incorporated in the Zonal Master Plan.

(6) **Noise pollution.**- The Environment Department of the State Government shall draw up guidelines and regulations for the control of noise pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the rules made thereunder.

(7) **Air pollution.**- The Environment Department of the State Government shall draw up guidelines and regulations for the control of air pollution in the Eco-sensitive Zone in accordance with the provisions of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981) and the rules made thereunder.

(8) **Discharge of effluents.**- The discharge of treated effluent in Eco-sensitive Zone shall be in accordance with the provisions of the Water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) and the rules made thereunder.

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

(i) the solid waste disposal in Eco-sensitive Zone shall be carried out as per the provisions of the Municipal Solid Waste (Management and Handling) Rules, 2000 published by the Government of India in the erstwhile Ministry of Environment and Forests *vide* notification number S.O. 908 (E), dated the 25<sup>th</sup> September 2000 as amended from time to time;

(ii) the local authorities shall draw up plans for the segregation of solid wastes into biodegradable and non- biodegradable components:

(iii) the biodegradable material shall be recycled preferably through composting or vermiculture;

(iv) The inorganic material may be disposed in an environmental acceptable manner at site identified outside the Eco- sensitive Zone and no burning or incineration of solid wastes shall be permitted in the Eco-sensitive Zone.

(10) **Bio-medical waste.**- The bio-medical waste disposal in the Eco-sensitive Zone shall be carried out as per the provisions of the Bio-Medical Waste (Management and Handling) Rules, 1998 published by the Government of India in the erstwhile Ministry of Environment and Forest *vide* notification number S.O. 630(E). dated the 20<sup>th</sup> July, 1998 as amended from time to time.

(11) **Vehicular traffic.** - The vehicular movement of traffic shall be regulated in a habitat

## District Survey Report: Sidhi

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.

(12) **Industrial units.**- (a) No establishment of new wood based industries within the proposed Eco-sensitive Zone shall be permitted except the existing wood based industries set up as per the law.

(b) No establishment of any new industry causing water, air, soil, noise pollution within the proposed Eco-sensitive Zone shall be permitted.

**4. List of activities prohibited or to be regulated 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 thereunder, and be regulated in the manner specified in the table below, namely:-

**20.1.4 TABLE**

S.No.	Activity	Remarks
(1)	(2)	(3)
<b>Prohibited Activities</b>		
1.	Commercial mining, stone quarrying and crushing units.	<p>(a) All new and existing mining (minor and major minerals), stone quarrying and crushing units shall be prohibited effect in the Eco-sensitive except for the domestic needs of <i>bona fide</i> local residents including digging of earth for construction or repair of houses and for manufacture of country tiles or bricks for housing for personal consumption.</p> <p>(b) The mining operations shall strictly be in accordance with the interim order of the Hon'ble Supreme Court dated the 4<sup>th</sup> August, 2006 in the matter of T.N. Godavarman Thirumulpad Vs. Union of India in Writ Petition (Civil) No.202 of 1995 and order of the Hon'ble Supreme Court dated the 21<sup>st</sup> April, 2014 in the matter of Goa Foundation Vs. Union of</p>

## District Survey Report: Sidhi

		India in Writ Petition (Civil) No.435 of 2012.
2.	Setting up of saw mills.	No new or expansion of existing saw mills shall be permitted within the Eco-sensitive Zone.
3.	Setting up of industries causing water or air or soil or noise pollution.	No new or expansion of polluting industries in the Eco-sensitive Zone shall be permitted.
4.	Commercial use of firewood.	Prohibited (except applicable laws) or provide a permit.
5.	Establishment of new major hydroelectric projects.	Prohibited (except applicable laws) or provide a permit.
6.	Use or production of any hazardous substances.	Prohibited (except applicable laws) or provide a permit.
7.	Discharge of untreated effluents and solid waste in natural water bodies or land area.	Prohibited (except applicable laws) or provide a permit.
8.	Undertaking activities related to tourism like over-flying the National Park Area by aircraft, hot-air balloons.	Prohibited (except applicable laws) or provide a permit.
9.	New wood based industry.	No establishment of new wood based industry shall be permitted within the limits of Eco-sensitive Zone: Provided the existing wood-based industry may continue as per law: Provided further that renewal of licenses of existing sawmills shall not be done on their expiry period.

**Regulated**

## District Survey Report: Sidhi

Activities		
10.	<p>Establishment of hotels and resorts.</p>	<p>No new commercial hotels and resorts shall be permitted, within one kilometer of the boundary of the Protected Area or the extent of Eco-sensitive Zone whichever is nearer, except for accommodation for temporary occupation of tourists related to eco-friendly tourism activities.</p> <p>Provided that extension of existing establishments may be allowed in accordance with the Zonal Master Plan: However, where Eco-sensitive Zone extends beyond one kilometer, then beyond one kilometer and up to the extent of the Eco-sensitive Zone, all new tourism activities or expansions of existing activities would be conformity with Tourism Master Plan and National Tiger Conservation Authority guidelines</p>
11.	<p>Construction activities.</p>	<p>(a) No new commercial construction of any kind shall be permitted, within one kilometer of the boundary of the Protected Area or the extent of Eco-sensitive Zone whichever is nearer:</p> <p>Provided that local people shall be permitted to undertake construction in their land for residential use including the activities listed in sub- paragraph (1) of paragraph 3. (b) The construction activity related to small scale industries not causing pollution shall be permitted as per applicable rules and regulations, if any, with the prior permission from the competent authority.</p> <p>(c) However, where Eco-sensitive Zone extends beyond one kilometer, then beyond one kilometer and upto the extent of Eco-sensitive Zone, construction for bona fide local needs shall be permitted and other commercial construction activities shall be in conformity with the Zonal Master Plan.</p> <p>(d) No construction shall be allowed on hills with slopes more than 1 in 10 and upto 100 metre from the banks of any river and natural nallah.</p>

## District Survey Report: Sidhi

		(e) construction activity in the Eco-sensitive Zone shall be as per Zonal Master Plan
12.	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> <p>(c) in case of Reserve Forests and Protected Forests the Working Plan prescriptions shall be followed.</p>
13.	Commercial water resources including ground water harvesting.	<p>(a) The extraction of surface water and ground water shall be permitted only for <i>bona fide</i> agricultural use and domestic consumption of the occupier of the land;</p> <p>(b) extraction of surface water and ground water for industrial or commercial use including the amount that can be extracted, shall require prior written permission from the concerned regulatory authority;</p> <p>(c) no sale of surface water or ground water shall be permitted;</p> <p>(d) steps shall be taken to prevent contamination or pollution of water from any source including agriculture.</p>
14.	Erection of electrical cables and telecommunication towers.	Promote underground cabling.

  
 State Level Environment Impact  
 Assessment Authority, M.P.  
 (EPCO)  
 Paryavaran Parisar  
 E-5, Arera Colony, Bhopal (M.P.)

## District Survey Report: Sidhi

15.	Fencing of existing premises of hotels and lodges.	(i) Regulated under applicable laws. (ii) shall be done in a manner to allow free movement of wildlife. (iii) Existing fencing of establishments not compliant with the above condition shall be removed or modified to meet the requirement within six months from the date of final notification
16.	Widening and strengthening of existing roads.	Shall be done with proper Environment Impact Assessment and mitigation measures, as applicable.
17.	Movement of vehicular traffic at night.	Regulated for commercial purpose, under applicable laws.
18.	Introduction of exotic species.	Regulated under applicable laws.
19.	Protection of hill slopes and river banks.	Regulated under applicable laws.
20.	Discharge of treated effluents in natural water bodies or land area.	Recycling of treated effluent shall be encouraged and for disposal of sludge or solid wastes, the existing regulations shall be followed.
21.	Commercial Sign boards and hoardings.	Regulated under applicable laws.
22.	Small scale industries not causing pollution.	Non polluting, non-hazardous, small-scale and service industry, agriculture, floriculture, horticulture or agro-based industry producing products from indigenous goods from the Eco-sensitive Zone, and which do not cause any adverse impact on environment shall be permitted.
23.	Collection of Forest produce or Non-Timber Forest Produce (NTFP).	Regulated under applicable laws.
24.	Air and vehicular pollution.	Regulated under applicable laws.
25.	Drastic change of agriculture systems.	Regulated under applicable laws.
26.	Trenching Ground.	No new trenching shall be established. However, existing trenching ground will be operated subject to the condition that no open burning will be allowed.
27.	Dairy activities and cattle rearing.	Regulated as per applicable laws
28.	Use of polythene bags.	
<b>Promoted Activity</b>		
29.	Ongoing agriculture and horticulture practices by local communities.	Permitted under applicable laws.

## District Survey Report: Sidhi

30.	Rain water harvesting.	Shall be actively promoted.
31.	Organic farming.	Shall be actively promoted.
32.	Adoption of green technology for all activities.	Shall be actively promoted.
33.	Cottage industries including village artisans, etc.	Shall be actively promoted.
34.	Use of renewable energy sources	Bio gas, solar light etc to be promoted.

**5. Monitoring Committee.-** (1) The Central Government hereby constitutes a Monitoring Committee, for effective monitoring of the area of the Eco-sensitive Zone falling within the State of Madhya Pradesh, which shall comprise of the following namely:-

- |   |                   |
|---|-------------------|
| (i) Divisional Commissioner, Rewa   | Chairman;         |
| (ii) Divisional Commissioner, Shahdol   | Member;           |
| (iii) District Collector, Singrauli   | Member;           |
| (iv) District Collector, Shahdol  | Member;           |
| (v) District Collector, Sidhi   | Member;           |
| (vi) Superintending Engineer Public Works Department, Shahdol   | Member;           |
| (vii) Superintending Engineer Public Health Department, Shahdol   | Member;           |
| (viii) Chief Executive Officer of District Panchayat, Singrauli   | Member;           |
| (ix) Chief Executive Officer of District Panchayat, Shahdol   | Member;           |
| (x) Chief Executive Officer of District Panchayat, Sidhi  | Member;           |
| (xi) Representative of the Town and Country Planning Department   | Member;           |
| (xii) Representative of the Pollution Control Board   | Member;           |
| (xiii) One representative of Non Governmental Organisation working in the field of environment to be nominated by the Government of Madhya Pradesh for a term of one year in each case                | Member;           |
| (xiv) One expert in the area of ecology and environment from a reputed institution of University in the State to be nominated by the Government of Madhya Pradesh for a term of one year in each case | Member;           |
| (xv) Field Director, Sanjay Dubri Tiger Reserve,  | Member-Secretary. |

(2) The Central Government hereby constitutes a Monitoring Committee, for effective monitoring of the area of the Eco-sensitive Zone falling within the State of Chattisgarh, which shall comprise of the following namely:-

- |   |           |
|---|-----------|
| (i) District Collector, Manendragarh                            | Chairman; |
| (ii) Representative of the Town and Country Planning Department | Member;   |
| (iii) Representative of the Pollution Control Board             | Member;   |

  
 State Level Environment Impact  
 Assessment Authority, M.P.  
 (EPCO)  
 Paryavaran Parisar  
 E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

- (iv) One representative of Non Governmental Organisation working in the field of environment to be nominated by the Government of Chattisgarh for a term of one year in each case – Member;
- (v) One expert in the area of ecology and environment from a reputed institution or University in the State to be nominated by the Government of Chattisgarh for a term of one year in each case – Member;
- (vi) Concerned Deputy Conservator of Forests or Divisional Forest Officer - Member-Secretary.

## 6. Terms of Reference.-

- (1) The Monitoring Committee shall monitor the compliance of the provisions of this notification.
- (2) The activities that are covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forest number S.O. 1533(E), dated the 14<sup>th</sup> September, 2006, and are falling in the Eco-sensitive Zone, except the prohibited activities as specified in column(3) of the Table under paragraph 4 thereof, shall be scrutinized by the Monitoring Committee based on the actual site-specific conditions and referred to the Central Government in the Ministry of Environment, Forest and Climate Change for prior environmental clearances under the provisions of the said notification.
- (3) The activities that are not covered in the Schedule to the notification of the Government of India in the erstwhile Ministry of Environment and Forest number S.O. 1533(E), dated the 14<sup>th</sup> September, 2006 but are falling in the Eco-sensitive Zone, except the prohibited activities as specified in column (3) of the Table under paragraph 4 thereof, shall be scrutinized by the Monitoring Committee based on the actual site-specific conditions and referred to the concerned regulatory authorities.
- (4) The Member-Secretary of the Monitoring Committee or the concerned Collector or the concerned park in- charge shall be competent to file complaints under section 19 of the Environment (Protection) Act, 1986 against any person who contravenes the provisions of this notification.
- (5) 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.
- (6) 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 Central Government in the Ministry of Environment, Forest and Climate Change as per proforma given in **Annexure III**.

  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

## District Survey Report: Sidhi

- (7) 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.
7. The Central Government and State Government may specify additional measures, if any, for giving effect to provisions of this notification.
8. 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.

  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)



# District Survey Report: Sidhi

20.1.6 A

## Annexure II List of villages with Co-ordinates falling within the Eco-sensitive zone

S.No.	State	District	Revenue	Latitude (DD)	Longitude (DD)	Area (ha)
1	MP	Shahdol	Buchro	24.06114528	81.52151722	1794.853
2	MP	Shahdol	Kudara	23.91503278	81.52030056	693.179
3	MP	Shahdol	Koilari	23.96599944	81.50953639	1938.728
4	MP	Shahdol	Jamuri	23.88525167	81.55605833	1915.454
5	MP	Shahdol	Belha	23.91849667	81.53654583	493.147
6	MP	Shahdol	Mithauli	23.88924972	81.53362889	289.247
7	MP	Shahdol	Kuthuli	23.88027861	81.5836125	843.066
8	MP	Shahdol	Khargari	23.86470222	81.60479889	1579.521
9	MP	Shahdol	Dhonda	23.986195	81.48775389	1299.505
10	MP	Shahdol	Palsha	23.91116083	81.52471694	71.81
11	MP	Shahdol	Pipari	23.87020083	81.54230167	180.02
12	MP	Shahdol	Bansa	24.1077325	81.50593056	298.25
13	MP	Shahdol	Khadda	23.98067361	81.49064639	507.46
14	MP	Shahdol	Sarwahi	24.04489333	81.4979525	341.96

Total of Shahdol Distt.

12246.197

15	MP	Sidhi	Barkadol	24.07353472	81.57295167	249.23
16	MP	Sidhi	Sastua	24.00224861	81.73506556	1185.39
17	MP	Sidhi	Goliphari	23.89886111	81.90297222	201.47
18	MP	Sidhi	Kudariya	24.033250583	81.70979139	330.09
19	MP	Sidhi	Piprahi	24.03804111	81.69738222	735.06
20	MP	Sidhi	Ponri	23.96293028	81.77484833	1133.9
<b>Total of Sanjay Tiger Reserve</b>						<b>3835.14</b>
21	MP	Sidhi	Amgaon	23.98001278	81.81507694	1170.41
22	MP	Sidhi	Amradandi	23.88909472	82.23856444	34.19
23	MP	Sidhi	Amrola	23.8721775	82.15683694	445.81
24	MP	Sidhi	Barwahi	23.97058417	81.99451361	401.7
25	MP	Sidhi	Belgaon	23.89326444	82.13598806	129.02
26	MP	Sidhi	Beltal	23.86788861	82.12681472	186.45
27	MP	Sidhi	Bendo	23.93543889	82.20335972	279.47
28	MP	Sidhi	Bhagwar	23.96700167	81.97676056	305.71
29	MP	Sidhi	Bhamraha	23.98142556	82.21455861	28.47
30	MP	Sidhi	Bhanwarkoh	24.00096389	82.08172139	274.98
31	MP	Sidhi	Bhuimar	23.96820139	82.14283833	296.77
32	MP	Sidhi	Butu	23.9521775	82.12300222	155.53
33	MP	Sidhi	Changohar	23.99762806	81.94620389	484
34	MP	Sidhi	Dadari	23.87652583	81.7395025	365.37
35	MP	Sidhi	Devri	23.98053194	82.12240667	334.47
36	MP	Sidhi	Dhamadwari	23.98290861	81.90544861	261.55
37	MP	Sidhi	Dhopkhar	24.00870861	81.8666625	802.89
38	MP	Sidhi	Dighara	23.91131361	82.20341917	121.95
39	MP	Sidhi	Duhkuria	23.97576639	81.79257778	181.57
40	MP	Sidhi	Duwari	23.98738222	81.935005	661.71
41	MP	Sidhi	Gadwagu	23.92972028	82.1595175	109.74
42	MP	Sidhi	Gaibata	23.97576639	82.12901861	350.74
43	MP	Sidhi	Ganjar	23.91202861	81.90361278	407.97
44	MP	Sidhi	Gihatitola	23.96373361	82.12050028	487.07
45	MP	Sidhi	Ghorbandha	23.912505	82.22956972	352.97
46	MP	Sidhi	Haiki	23.91390833	81.73669833	222.66
47	MP	Sidhi	Hardi	23.86622056	81.73098417	502.8
48	MP	Sidhi	Harrai	23.87557278	82.10422383	256.8

  
 State Level Environment Impact  
 Assessment Authority, M.P.  
 (EPCO)  
 Paryavaran Parisar  
 E-5, Arera Colony, Bhopal (M.P.)

## District Survey Report: Sidhi

49	MP	Sidhi	Harraiya	2398899056	81.92303194	199.52
50	MP	Sidhi	Jawartole	23.88057667	82.118475	125.51
51	MP	Sidhi	Juri	23.92209556	81.9677675	1124.38
52	MP	Sidhi	Kamach	23.97124778	81.8414825	372.56
53	MP	Sidhi	Karail	23.9556325	82.15230972	143.73
54	MP	Sidhi	Karaunti	23.97266139	81.85252639	673.6
55	MP	Sidhi	Karsoti	24.01776194	82.01816222	308.24
56	MP	Sidhi	Kathauliya	23.96230417	82.15028444	106.97
57	MP	Sidhi	Keshkhere	23.96111278	82.2084825	27.96
58	MP	Sidhi	Keslar	23.91899806	82.1436725	366.22
59	MP	Sidhi	Khairi	23.9094075	81.723955	300.08
60	MP	Sidhi	Khamariya	23.92513361	82.1546925	86.16
61	MP	Sidhi	Khamchaura	24.08943722	82.1546925	376.67
62	MP	Sidhi	Khokhara	24.04509028	81.87283472	474.31
63	MP	Sidhi	Korar	23.97004806	81.96913778	693.72
64	MP	Sidhi	Kola	23.85174556	81.74325528	443.45
65	MP	Sidhi	Kotma	23.93948944	81.95603278	340.15
66	MP	Sidhi	Kundaur	23.83059889	81.82379139	638.98
67	MP	Sidhi	Kurchu	23.84269111	82.18137917	484.16
68	MP	Sidhi	Kusmi	23.97671944	82.00190028	612.19
69	MP	Sidhi	Kuthar	24.06795167	81.6293825	670.02
70	MP	Sidhi	Ladgal	23.95688333	81.87877278	145.55
71	MP	Sidhi	Lughuti I	23.87122444	81.75701556	474.49
72	MP	Sidhi	Lughuti II	23.8672	81.758765	388.7
73	MP	Sidhi	Macheri	23.94449306	81.15975583	58.71
74	MP	Sidhi	Machharkata	23.96957139	82.16922722	1507
75	MP	Sidhi	Majhauri	24.08972806	81.62238444	314.465
76	MP	Sidhi	Manwari	23.92989889	82.00547417	78.02
77	MP	Sidhi	Matkhaniya	24.03199889	81.73068639	1338
78	MP	Sidhi	Meraria	23.95593028	81.89363472	1104.37
79	MP	Sidhi	Merki	24.02124889	81.75791556	135.16
80	MP	Sidhi	Nangpokhar	23.87831306	81.71096917	110.39
81	MP	Sidhi	Naurhia	23.90944672	81.91290528	288.84
82	MP	Sidhi	Naurhiadewarth	23.93448583	81.98450639	374.34
83	MP	Sidhi	Niganni	2398491667	81.79493111	122.29
84	MP	Sidhi	Piparaha	23.96760556	81.92243611	735.06
85	MP	Sidhi	Pori	24.10202722	81.57896917	381.08
86	MP	Sidhi	Purehdol	23.87807472	82.12645722	187
87	MP	Sidhi	Rohal	23.92960111	81.94656139	456.92
88	MP	Sidhi	Sajadol	23.99050833	81.87231694	242.06
89	MP	Sidhi	Saraiha	24.08342917	81.65758083	397.51
90	MP	Sidhi	Sarsai	23.83685361	81.78316583	48.06
91	MP	Sidhi	Semra	23.95604944	82.13694111	286.59
92	MP	Sidhi	Songarh	23.99040639	82.11777111	387.55
93	MP	Sidhi	Tal	23.83697278	81.74397	234.31
94	MP	Sidhi	Trichuli	23.95443972	81.87023694	88.39
<b>Total of Sidhi Distt.</b>						<b>26709.905</b>
95	MP	Singrauli	Bharsera	24.01014278	82.06061778	650
96	MP	Singrauli	Jhara	23.99975	82.04935194	500
97	MP	Singrauli	Parasi	24.03537222	82.03630611	120
98	MP	Singrauli	Banjari	24.01913556	82.0026675	810
<b>Total of Singrauli Distt.</b>						<b>2080</b>
<b>Total of Madhya Pradesh</b>						<b>44871.242</b>
99	Chattisgarh	Manendragarh	Barwahi	23.90590639	81.65047917	257.78
100	Chattisgarh	Manendragarh	Marisarai	23.8406425	81.67514167	361.79
101	Chattisgarh	Manendragarh	Barachha	23.86398889	81.64316556	77.23
<b>Total of Chattisgarh</b>						<b>696.77</b>
<b>Grand Total (ha)</b>						<b>45568.012</b>
<b>Total Area (Sq.km.) of Eco-sensitive Zone</b>						<b>455.68012</b>

  
 State Level Environment Impact  
 Assessment Authority, M.P.  
 (EPCO)  
 Paryavaran Parisar  
 E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

## ANNEXURE-III

### **20.1.7 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. [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.

Another one in Sidhi district is Son Gharial Sanctuary, which was established under Project Crocodile for Gharial conservation and population growth. An altogether length of 210 km encompassing lengths of 161 km of Son River, 23 km of Banas River, and 26 km of Gopad River was declared as a sanctuary in 1981.

Sandy habitats (such as Sand banks, riverine islands etc) are major habitats for many endangered species like Gharial, Indian Soft Shell Turtle (Chitra Indica), Indian Skimmer (Rynchops albicollis) etc. About 101 species of birds registered in the sanctuary make it rich in aquatic and avifaunal biodiversity.

**INFORMATION ABOUT BOUNDRIES OF SON GHARIAL WILDLIFE SANCTUARY, NOTIFICATION NUMBER, VILLAGES FALLING UNDER CORE ZONE & BUFFER ZONE IS AS FOLLOWS :**

**20.1.8 THE GAZETTE OF INDIA : EXTRAORDINARY (PART II SEC. 3 II)**

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

**NOTIFICATION**

New Delhi, the 30th June, 2015

  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

## District Survey Report: Sidhi

Table List of Villages coming under Eco- Sensitive Zone of Son Gharial Wildlife Sanctuary along with Geo-Coordinates

Sl.No.	Name of Place	Late-D	Late-M	Late-S	Long-D	Long-M	Long-S	Late-DD	Long-DD
1	Parsili	24	10	21.73	81	31	26.94	24.1727	81.52415
2	Charnaradol	24	8	19.2	81	31	12	24.13867	81.52
3	Khari	24	10	10.76	81	28	8.7	24.16966	81.46908
4	Naudhiya	24	11	10.76	81	29	57.6	24.18632	81.49933
5	Ghoghi	24	13	8.8	81	30	7.52	24.21911	81.50209
6	Sajaha	24	19	58.04	81	32	6.04	24.33279	&1.53501
7	Khatai	24	31	30.47	82	33	23.11	24.52513	82.55642
8	Gangi	24	31	9.71	82	29	58.46	24.51936	82.49957
9	Khaira	24	31	55.52	82	27	32.58	24.53209	82.45905
10	Tariha	24	28	51.93	81	59	20.2	24.48109	81.98894
11	Sarra	24	28	24.021	81	42	31.623	24.47334	81.70878
12	Duara	24	26	9.768	81	43	51.2	24.43605	81.73089
13	Pawa	24	27	0.764	81	45	35.107	24.45021	81.75975
14	Dharauli Khurd	24	32	3.22	82	26	4.72	24.53423	82.43464
15	Lilhara	24	31	59.45	82	24	45.67	24.53318	82.41269
16	Parsauna	24	33	76	82	23	47.79	24.57111	82.39661
17	Shikarganj	24	17	8.207	81	26	36.579	24.28561	81.44349
18	Jhala	24	20	32.169	81	32	46.16	24.34227	81.54616
19	Rajghat	24	34	34.58	82	23	38.43	24.57627	82.39401
20	Khairpur	24	33	54.549	82	22	13.857	24.56515	82.37052
21	Kunjhun Khurd	24	30	27.53	82	11	11.16	24.50765	82.18643
22	Kunjhun Kala	24	30	36.175	82	11	13.074	24.51005	82.18697
23	Atraila	24	30	37.13	82	7	25.53	24.51031	82.12376
24	Jokaha	24	30	54.109	82	7	12.94	24.51503	82.12026
25	Tilai	24	29	30.134	82	6	5.686	24.4917	82.10158
26	Panwar	24	34	13.355	82	39	37.466	24.57038	82.66041
27	Gadhawa	24	35	33.63	82	40	41.54	24.59268	82.67821
28	Baghor	24	33	20.74	82	18	40.56	24.55576	82.31127
29	Madariya	24	32	8.94	82	17	46.06	24.53582	82.29613
30	Kubari	24	31	50.47	81	59	44.52	24.53069	81.9957
31	Bhitari	24	26	31.11	81	49	10.51	24.44198	81.81959
32	Dithaura	24	20	26.36	81	34	24	24.34066	81.57333
33	Ghughata	24	19	13.35	81	31	26.38	24.32038	81.52399
34	Chandreh	24	18	1.11	81	30	0	24.30031	81.5
35	Durgapur	24	15	23.99	81	27	26.46	24.25666	81.45735
	Kuan	24	13	20.61	81	21	33.17	24.22239	81.35921
37	Majhatolwa	24	13	49.21	81	21	57.7	24.23034	81.36603

## District Survey Report: Sidhi

38	Baghard Dhabaiya	24	16	26.6	81	26	9.41	24.27406	81.43595
39	Gujred	24	18	23.52	81	31	56.93	24.30653	81.53248
40	Chanrfaini	24	29	56.85	81	49	2.2	24.49913	81.81728
41	Deoghata	24	26	29.45	81	54	5.05	24.44151	81.9014
42	Tariha	24	28	54.13	81	59	21.27	24.4817	81.98924
43	Hanumangarh	24	22	16.81	81	38	30.62	24.37134	81.64184
44	Khairi	24	18	49.81	81	30	26.65	24.31384	81.5074
45	Sajaha	24	19	59.58	81	32	5.22	24.33322	81.53478
46	Akauri	24	23	15.47	81	41	46.2	24.38763	81.69617
47	Nakjharkhurd	24-	32	2.91	82	13	52.14	24.53414	82.23115
48	kekari	24	34	31.88	82	40	1.42	24.57552	82.66706
49	ghoghara	24	32	33.22	82	39	12.75	24.54256	82.65354
50	Bardi	24	32	28.95	82	22	14.55	24.54138	82.37071
51	Lauar Paipkhar	24	31	41.68	82	19	33.95	24.52824	82.3261
52	Lauar Nankar	24	32	25.18	82	19	53.88	24.54033	82.33163
53	Khuteli	24	31	21.93	82	16	28.45	24.52276	82.27457
54	Nakjhar kalan	24	30	58.11	82	12	3.69	24.51614	82.20103
55	Lilwar	24	33	5.16	82	11	24.29	24.55143	82.19008
56	Rampur	24	33	8.7	82	12	43.38	24.55242	82.21205
57	Amadei	24	31	24.44	82	8	53.57	24.52346	82.14821
58	Ramnagar Khurd	24	31	13.8	82	10	26.43	24.5205	82.17401
59	Baliyar	24	29	11.16	82	3	30.48	24.48643	82.05847
60	Ramdih	24	28	37.69	82	10	18.36	24.47714	82.17777
61	Khetauhi	24	28	16.32	81	59	44.91	24.4712	81.99581
62	Chamrauha	24	31	7.5	82	8	9.6	24.51875	82.136
63	Chhitawalkhurd	24	32	58.74	82	36	13.41	24.54965	82.60373
64	Patpara	24	28	9.03	81	54	15.99	24.46918	81.90444
65	Salaiya	24	28	3.18	81	56	22.79	24.46755	81.93966
66	Tamai	24	36	50.23	82	39	52.54	24.61395	82.66459
67	Kajardah	24	33	10.65	82	20	32.73	24.55296	82.34243
68	Dhobauhi	24	33	0.17	82	17	18	24.55005	82.28833
69	Sattiha	24	33	50.66	82	14	26.22	24.56407	82.24062
70	Sihawal	24	33	26.73	82	13	46.51	24.55743	82.22959
71	Dheku	24	33	34.09	82	19	59.48	24.55947	82.33319
72	chikni	24	30	51.61	82	30	57.49	24.51434	82.51597
73	Rehada	24	32	6.53	82	34	51.05	24.53515	82.58085
74	Hatwa	24	30	15.61	81	52	40.24	24.50434	81.87784
75	Demha	24	26	23.02	81	52	27.72	24.43973	81.87437
76	Rojhauha	24	30	59.052	82	11	42.643	24.5164	82.19518
77	Kukaraon	24	30	44.919	24	30	44.919	24.51248	24.51248
78	Piprohar	24	26	48.77	81	56	52.88	24.44688	81.94802

  
 State Level Environment Impa...  
 Assessment Authority, M.P.  
 (EPCO)  
 Paryavaran Parisar  
 E-5, Arera Colony, Bhopal (M.P.)

## District Survey Report: Sidhi

79	Koldaha	24	24	53.433	81	41	15.972	24.41484	81.68777
80	Mohaniya	24	27	31.846	81	55	50.29	24.45885	81.93064
81	Jhagari	24	19	19.401	81	32	21.389	24.32206	81.53927
82	Umariya	24	29	31.02	82	9	43	24.49195	82.16194
83	Dawa	24	30	5.811	82	0	25.257	24.50161	82.00702
84	Bahera	24	29	42.563	82	1	32.218	24.49516	82.02562
85	Barigawan	24	25	10.955	81	45	6.631	24.41971	81.75184
86	Kurrwah	24	25	33.46	81	49	50.16	24.42596	81.8306
87	Bhelki Khurd	24	25	37.2	81	47	42.22	24.427	81.79506
88	Bholgarh	24	22	52.65	81	39	59.32	24.38129	81.66648
89	Titali	24	30	35.8	82	4	53.69	24.50994	82.08158
90	Thatara	24	35	27.71	82	47	34.65	24.59103	82.79296
91	Chhiwalhawa	24	35	35.41	82	47	16.95	24.59317	82.78804
92	Godgawan	24	37	32.59	82	44	33.58	24.62572	82.74266
93	Kankati	24	19	14.29	81	34	34.27	24.32064	81.57619
94	Bairihai	24	13	47.27	81	28	31.68	24.2298	81.47547
95	Patehra	24	21	55.03	81	32	15.09	24.36529	81.53753
96	Sehuda Viran	24	29	54.27	82	5	32.32	24.49841	82.09231
97	Duraon Viran	24	29	54.83	82	7	25.35	24.49856	82.12371
98	Sarseda	24	33	11.49	82	22	54.45	24.55319	82.38179
99	Dadhiya	24	28	45.85	82	7	20.71	24.4794	82.12242
100	Sariya	24	11	50.6	81	19	54.02	24.19739	81.33167
101	Kaithaha	24	11	45.6	81	18	34.82	24.196	81.30967
102	Hathwar	24	9	34.1	81	29	27.72	24.15947	81.49103
103	Boddiha	24	7	36.33	81	29	17.77	24.12676	81.48827
104	Paipkhara	24	12	38.18	81	21	33.64	24.21061	81.35934
105	Barhai	24	15	34.17	81	28	3.66	24.25949	81.46768
106	Bajriya	24	37	9.854	82	45	47.821	24.6194	82.76328
107	Kesauli	24	33	58.973	82	19	39.34	24.56638	82.32759
108	Tarakhiya	24	33	18.24	82	37	25.65	24.55507	82.62379
109	Fulkesh	24	31	28.72	82	28	59.9	24.52464	82.48331
110	Dceghar	24	35	36.8	82	43	2.08	24.59356	82.71724
111	Badgada	24	33	55.62	82	41	14.95	24.56545	82.68749
112	Damgadi	24	33	40.84	82	14	15.62	24.56134	82.23767
113	Khadbada	24	30	9.65	82	3	34.68	24.50268	82.05963
114	Kesauli	24	34	3.82	82	16	57.89	24.56773	82.28275
115	Kotdar Kala	24	28	7.27	81	56	47.7	24.46869	81.94658
116	Kotdar Khurd	24	28	4.9	81	57	42.08	24.46803	81.96169
117	Kauthaha	24	24	35.73	81	42	28.91	24.40993	81.70803
118	Bhelaki kala	24	25	56.504	81	46	23.811	24.43236	81.77328
119	Garhara	24	16	25.45	81	22	59.818	24.27374	81.38328
120	Hariari	24	11	45.316	81	20	37.057	24.19592	81.34363

## District Survey Report: Sidhi

121	Marsarha	24	29	40.488	82	3	17.583	24.49458	82.05488
122	Rajabar	24	34	15.889	82	20	9.808	24.57108	82.33606

### 21. Impact on the Environment due to Mining Activity-

Generally, the Environmental impacts can be categorized as either primary or secondary. Primary impacts are those, which are attributed directly by the project, secondary impacts are those, which are indirectly induced and typically include the associated investment and changed pattern of social and economic activities by the proposed action.

The impact has been ascertained for the project assuming that the pollution due to mining activity has been completely spelled out under the baseline environmental status for the entire ROM which is proposed to exploit from the mines.

#### 21.1 Air

Mining Operations are carried out by opencast semi mechanized/ Mechanized method, dust particles are generated due to various activities like, Excavation, Loading, handling of mineral and transportation. The air quality in the mining area depends upon the nature and concentration of emissions and meteorological conditions.

The major air pollutants due to mining activity includes: - Particulate Matter (Dust) of various sizes.

- Gases, such as, Sulphur Dioxide, Oxides of Nitrogen, Carbon Monoxide etc., from vehicular exhaust.
- Dust is the single Air pollutant observed in the open cast mines. Diesel operating drilling machines, small amount of blasting and movement of machinery/ vehicles produce gaseous (NO<sub>x</sub> and SO<sub>x</sub>) emissions, usually at low levels. Dust can be of significant nuisance surrounding land users and potential health risk in some circumstances.

#### 21.2 Water Impact

The mining operation leads to intersection of the water table which causes ground water depletion. Due to the interruption surface water sources like River, Nallah, Odai etc., surface water system, Drainage pattern of the area is altered.

#### 21.3 Noise

Noise pollution is mainly due to operation of Machineries and occasional plying of machineries. These activities will create Noise pollution in the surrounding area.

#### 21.4 Land Environment

The topography of the area will change; due to the Topographical changes the entire Eco system will be altered.

#### 21.5 Flora and Fauna

The impact on biodiversity is difficult to quantify because of its diverse and dynamic characteristics.

  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

Mining activities generally result in the deforestation, land degradation, water, air and noise pollution which directly or indirectly affect the faunal and floral status of the project area.

However, occurrence and magnitude of these impacts are entirely dependent upon the project location, mode of operation and technology involved.

## **22. Remedial Measures to mitigate the impact of Mining on the Environment:**

### **22.1 Air**

Mitigated measures suggested for air pollution controls are based on the baseline ambient air quality of the area

The following measures are proposed to be adopted in the mines such as,

- Dust generation shall be reduced by using sharp teeth of shovels.
- Wet drilling shall be carried out to contain the dust.
- Controlled blasting techniques shall be adopted.
- Water spraying on haul roads, service roads and overburden dumps will help in reducing considerable dust pollution.
- Proper and regular maintenance of mining equipment's have to be considered.
- Transport of material in trucks covered with tarpaulin.
- The mine pit water can be utilized for dust suppression in and around mine areas.
- Information on wind direction and meteorology will be considered while planning, so that pollutants, which cannot be fully suppressed by engineering technique, will be prevented from reaching the nearby agriculture area.
- Comprehensive green belt around overburden dumps has to be carried out to reduce to fugitive dust emissions in order to create clean and healthy environment.

### **22.2 Water**

- Construction of garland drains to divert surface run-off into the mining area.
- Construction of check dams / gully plugs at strategic places to arrest silt wash off from broken up area.
- Retaining walls with weep hole will be constructed around the mine boundaries to arrest silt wash off.
- The mined out pits shall be converted into the water reservoir at the end of mine life. This will help in recharging ground water table by acting as a water harvesting structure.
- Periodic analysis of mine pit water and ground water quality in nearby villages.
- Domestic sewage from site office & urinals/latrines provided in ML is discharged in septic tank followed by soak pits.

### **22.3 Noise**

- Periodic maintenance of machinery, equipment shall be ensured to keep the noise generated at minimum.
- Development of thick green belt around mining area and haul roads to reduce the noise.

  
State Level Environmental Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

## District Survey Report: Sidhi

- Provision of earplugs to workers exposed to high noise generating activities. Workers and operators at work site will be provided with earmuffs.
- Conducting periodical medical check-up of all workers for any noise related health problems.
- Proper training to personnel to create awareness about adverse noise level effects.
- Periodic noise monitoring at suitable locations in the mining area and nearby habitations to assess efficacy of adopted control measures.
- During the blasting, optimum spacing, burden and charging of holes will be made under the supervision of competent qualified mines foreman, mate as approved by Director of Mines safety.

### 22.4 Land Environment

- Riparian vegetation should be developed that doesn't stress with changes over short period of time.
- Safety barrier zone should be left out in order to prevent quick sand condition or rapid erosion of river banks.
- Development of suitable greenbelt in safety and barrier zone
- Waste dumps should be stabilized taking proper measures
- Degradation of land environment should be checked by briefing the worker about routine works regarding cleanliness and proper mining measures.
- No such infrastructure or any construction should be done that might hinder the natural flow of the river.

### 22.5 Biological Environment

- Development of gap filling saplings in the safety barrier left around the quarry area.
- Carrying out thick greenbelt with local flora species predominantly with long canopy leaves on the inactive mined out upper benches.
- Development of dense poly-culture plantation using local flora species in the mining area at conceptual stage.
- Adoption of suitable air pollution control measures as suggested above.
- Transport of materials in trucks covered with tarpaulin.
- Construction of garland drains and settling tank to arrest silt wash off from lease area.
- Construction of retention walls around lower boundary of mining area to arrest silt wash off and roll down boulders.
- Retaining walls with weep hole will be constructed around the mine boundaries to arrest silt wash off.

## 23. Reclamation of Mined out area

There is no proposal for backfilling, reclamation and rehabilitation. The quarry pit should be fenced by barbed wire to prevent inherent entry of public and cattle. The quarried out pit will be allowed to collect rain and seepage water which act as a reservoir for storage. The Quarried pit may be used as water reservoir for both Domestic and Agriculture purpose, in case of stone mining and inland sand mining. For Rover sand mining, the quarry should be demarcated using pillars and left for replenishment during monsoon season. No mining should be undertaken during monsoon period to avoid accidents and mishaps.

  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

## District Survey Report: Sidhi

### **24. Risk Assessment & Disaster Management Plan:**

The Disaster Management Plan (DMP) is supposed to be a dynamic, changing, document focusing on continual improvement of emergency response planning and arrangements.

The disaster management plan is aimed to ensure safety of life, protection of environment, protection of installation, restoration of production and salvage operations in this same order of priorities. For effective implementation of the disaster management plan, it should be widely circulated and personnel training through rehearsals/induction conducted by the respective department from time to time.

#### **24.1 General Responsibilities during an Emergency**

During an emergency, it becomes more enhanced and pronounced when an emergency warning is raised, the workers in-charge, should adopt safe and emergency shut down and attend any prescribed duty as essential employee. If no such responsibility is assigned, he should adopt a safe course to assembly point and await instructions. He should not resort to spread panic. On the other hand, he must assist emergency personnel towards objectives of DMP.

#### **24.2 Co-ordination with Local Authorities**

The mine manager who is responsible for emergency will always keep a jeep ready at site. In case any eventualities the victim will be taken to the nearby hospitals after carrying out the first aid at site. A certified first aid certificate holder will be responsible to carry out the first aid at site. The mine manager should collect and have adequate information of the nearby hospitals, fire station, police station, village Panchayat heads, taxi stands, medical shop, district revenue authorities etc., and use them efficiently during the case of emergency.

### **25. Details of the Occupational Health issues in the District-**

In the last five years there was no case of occupational health diseases like Silicosis & Tuberculosis in the district.

  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

## District Survey Report: Sidhi

### 26. Plantation and Green Belt development in respect of leases already granted in the District-

#### Information about plantation done in the mining lease quarry of approved Mineral Stone / Gitti in the district

#### Appendix-A

	Name the lessee	Mineral	Khasara No.	Area (Ha.)	Village Name	Tehsil	Number of plantations			Name Of Plants	Remark
							Year 2019-20	Year 2020-21	Year 2021-22		
	2	3	4	5	6	7	8	9	10	11	12
1.	M K S Minerals & Marbles-Shri Sanjay Dubey-Aazad Ward Mandla, Dist-Mandla	Granite	1045/1/1, 1045/3, 1046, 1047, 1056/1, 1056/2	3.24	Naro	Majhauili	110	100	70	Eucalyptus, berries, mango,	Non-Working
2.	M K S Minerals & Marbles-Shri Sanjay Dubey-Aazad Ward Mandla, Dist-Mandla	Granite	25/1, 27/1, 23, 29, 30	3.44	Siltvar	Majhauili	150	120	150	Neem, Eucalyptus, Acacia, Mango, Papaya	Non-Working
3.	Kbs Rock-Shri Kamlesh Mishra-22, Veer Savarkar Nagar, Indore	Granite	410, 414 & Others	4.23	Khadanda	Majhauili	100	70	120	Neem, Eucalyptus, Acacia, Mango, Papaya	Non-Working
4.	M K S Minerals & Marbles-Shri Sanjay Dubey-Aazad Ward Mandla, Dist-Mandla	Gitti, Granite	221, 222, 224, 225, 236/1, 237, 238, 251, 253, 255	6.34	Khadanda	Majhauili	160	110	80	Neem, Eucalyptus, Acacia, Mango,	Working
5.	Zed Black Rocks-5th/ Terrace Acon Complex Opp. Mem Nagar Fire Station Navrangpura Ahmedabad	Gitti, Granite	304, 325 & Others	9.48	Khadanda	Majhauili	2000	1000	1000	Neem, Palas, guava, ber, Papaya, pepal	Working





# District Survey Report: Sidhi

11.	Ramesh Stone Crusher-Shri Santosh Kumar-Bari, Po-Baridala, Dist-Robertsganj (U.P.)	Stone	175	2.2	Dhummadol	Kusami	100	130	200	Eucalyptus, Acacia, Mango, Jamun	Working
12.	Ramesh Stone Crusher-Shri Santosh Kumar-Bari, Po-Baridala, Dist-Robertsganj (U.P.)	Stone	170	3	Dhummadol	Kusami	140	100	150	Neem, Eucalyptus, Acacia, Mango,	Working
13.	Ragini Singh-Shri Anil Singh-South Karoundiya, Ward No 10, Sidhi, Dist-Sidhi (M.P.)	Stone	678, 680, 740, 741	1.9	Dhankhori	Gopad Banas	200	150	250	Neem, Eucalyptus, Acacia, Mango, Papaya	Working
14.	Ganesh Pratap Singh-Shri Prabhu Nath Singh-Dainiha Teh-Gopad Banas Dist-Sidhi	Stone	97	1	Bari	Gopad Banas	150	255	355	Eucalyptus, Mango, Jamun, Lime, Teak	Working
15.	Manoj Singh Chouhan-Shri Santosh Singh-Banjari Teh-Gopad Banas Dist-Sidhi	Stone	137, 138, 142	1.24	Panwar Sengran	Gopad Banas	100	300	400	Neem, Eucalyptus, Acacia, Mango, Jackfruit	Working
16.	Chandra Mohan Pandey-Shri Brihaspati Prasad Pandey-Nakjhar Khurd, Teh-Bahari, Dist-Sidhi	Stone	21	1.1	Jhariya	Bahari	250	500	650	Neem, Eucalyptus, Acacia, Mango, Jamun,	Working
17.	Chandra Mohan Pandey-Shri Brihaspati Prasad Pandey-Nakjhar Khurd, Teh-Bahari, Dist-Sidhi	Stone	10	1	Jhariya	Bahari	150	425	350	Neem, Eucalyptus, Acacia, Mango,	Working
18.	P B Singh-Shri Tej Pratap Singh-Dadhiya, Teh-Bahari, Dist-Sidhi	Stone	38, 39	1	Umariya	Bahari	100	150	200	Neem, Eucalyptus, Acacia, Mango, Papaya, Jamun	Working
19.	Narayandas Divedi-Shri Thakur Prasad Divedi-Phulwari, Teh-Bahari, Dist-Sidhi	Stone	182, 186, 191, 192	1.74	Duara	Bahari	70	200	350	Peepal, Eucalyptus, Guava, Mango, Gulmohar	Working
20.	Rama Singh-Shri Vikram Singh Chauhan-Uttar Karoundiya, Teh-Gopad Banas, Dist-Sidhi	Stone	267	2	Shivpurva	Gopad Banas	160	350	450	Peepal, Guava, Compound, Gulmohar, Eucalyptus	Working
21.	Vijay Kumar Sharma-Shri Veerban Sharma-Paipakhara, Teh-Majhauri, Dist-Sidhi	Stone	103, 106	2.6	Paipakhara	Majhauri	80	120	200	Neem, Eucalyptus, Acacia	Working

# District Survey Report: Sidhi

22.	Sarad Kumar Singh-Shri Nageshwar Singh-Nebuha Teh-Majhoul, Dist-Sidhi	Stone	1601, 1602, 1603	1.66	Katarwar	Kusami	200	500	650	Gulmohar, Eucalyptus, Mango, Jamun, Neem	Working
23.	Arpit Minerals & Construction Company-Narendra Nagar, Amahiya Rewa, Dist-Rewa	Stone	1609/1, 1609/2, 1610, 1629, 1630	2.4	Katarwar	Kusami	100	150	300	Peepal, Guava, Comb, Gulmohar, Mango, Lime	Working
24.	Ranjeet Singh-Shri Bans Bahadur Singh-Karundiya Uttar Tola Sidhi	Stone	645	1	Barigawan	Gopad Banas	80	130	200	Peepal, Guava, Mango, Jamun, Eucalyptus	Working
25.	Ranjeet Singh-Shri Bans Bahadur Singh-Karundiya Uttar Tola Sidhi	Stone	623/4, 643/2	1.167	Shivpurva	Gopad Banas	110	300	500	Neem, Guava, Comb, Gulmohar, Mango, Jamun, Eucalyptus	Working
26.	Arvind Kumar Singh-Shri Santosh Kumar Singh-Village Banjari Tah, Gopad Banas Dist, Sidhi Mp	Stone	647, 654	1	Dhankhori	Gopad Banas	100	90	150	eucalyptus, silver, mango	Working
27.	Gaurav Singh-Shri Manendra Singh-Village Patari Tah Churhat Dist, Sidhi Mp	Stone	8/Min-1	2	Jhariya	Bahari	80	40	150	Mango, Guava, Jamun, Jackfruit, Eucalyptus	Working
28.	Shreyanshi Davivedi-Shri Vijay Kumar Davivedi-Kotar Kala Teh-Gopad Banas Dist-Sidhi	Stone	60/1/2, 61/1, 63/1, 64, 66/1, 67/1, 68, 70/1/1	2	Kautil	Gopad Banas	150	305	400	Mango, Guava, Jamun, Jackfruit, Lime, Eucalyptus, Bacl, Samhar	Working
29.	Lavkesh Singh-Shri Aniyar Singh-Majhoul Teh-Majhoul Dist-Sidhi	Stone	2327/2, 2395/2	1.35	Karmai	Majhoul	80	100	150	Mango, Lime, Guava, Eucalyptus, Gulmohar	Working
30.	Sajan Kumar Agrawal-Shri Polu Ram Agarwal-Barigawan Teh-Deosar Dist-Singrauli	Stone	25/4, 25/5, 25/6, 25/7, 25/8, 25/9	1.34	Lata	Bahari	100	150	350	Peepal, Guava, Comb, Gulmohar, Mango, Eucalyptus	Working
31.	Rajshila Stone Crusher-Shri Pushpraj Singh Parihar-Shashtri Nagar Sidhi, Dist-Sidhi (M.P.)	Stone	41, 57, 70, 71	3.02	Akala	Bahari	220	170	190	Karranj, Neem, chitvan kadam, guava Mango, jamun, kathal	Working

# District Survey Report: Sidhi

32.	Meemahadeo Constructions Private Limited-Shri Umesh Kumar Singh-Flat No.1, Gangotri Apartment, Jawahar Nagar Extension, Gurudham Varanasi (U.P.)	Stone	251, 253, 263, 264	3.93	Hardi	Sihawal	250	600	750	Peepal, Karanghi, Gulmohar, Gangabair, Eucalyptus	Working
33.	Renu Dwivedi-Shri Dmendra Dwivedi-Hanumangarh Teh-Rampur Naikin Dist-Sidhi	Stone	69, 70, 73, 74	3	Dhanigawan	Rampur Naikin	300	1000	1100	Eucalyptus, Mango, Jamun, Neem	Working
34.	Jagendra Kumar Singh-Shri Shivalal Singh-Akouri, Teh-Rampur Naikin, Dist-Sidhi	Stone	53/1	1	Dhanigawan	Rampur Naikin	200	400	600	Eucalyptus, Gulmohar, Jamun, Neem	Working
35.	Sushila Tiwari-Shri Nageshwar Prasad Tiwari-Dadhiya Po-Paraswar Teh-Bahari Dist-Sidhi	Stone	21	1.5	Jhariya	Bahari	150	100	200	Eucalyptus, Peepal, Guava, Mango, Jamun	Working
36.	Ranjeet Singh-Shri Bans Bahadur Singh-Karundiya Uttar Tola Sidhi	Stone	868	3	Badhauma	Churhat	200	150	350	Eucalyptus, Neem, Acacia, Guava, Comb.	Working
37.	Santosh Kumar Singh-Shri Abhay Raj Singh-Badhauma Teh-Churhat Dist-Sidhi	Stone	794	1	Hatwakkhas	Sihawal	250	70	150	Eucalyptus, Papaya, Peepal, Guava	Working
38.	Bharat Singh-Shri Santosh Kumar Singh-Badhauma Teh-Gopad Banas Dist-Sidhi	Stone	794	2.85	Hatwakkhas	Sihawal	150	400	450	Neem, Eucalyptus, Acacia, Mango	Working
39.	Akhil Pratap Singh-Shri Anil Pratap Singh-Dithaura, Po-Kandhwar, Teh-Rampur Naikin, Dist-Sidhi	Stone	221/1, 212/1, 208/1, 208/2, 207	1.66	Majhigawan	Rampur Naikin	250	400	500	Neem, Eucalyptus, Acacia, Mango	Working
40.	Kumkum Singh-Shri Collector Singh-V/P-Kubri Teh-Bahri Dist-Sidhi	Stone	65/1/1/1	3	Karaundi	Bahari	300	350	450	Neem, Eucalyptus, Acacia, Mango	Working
41.	Suresh Tiwari-Shri Nayan Tiwari	Stone	176	3	Duara	Bahari	400	1000	1200	Neem, Eucalyptus, Acacia, Mango, Jamun	Working
42.	Narayandas Dwivedi-Shri Thakur Prasad Dwivedi-Phulwari, Teh-	Stone	271, 183, 184, 185	2.02	Duara	Bahari	500	1130	1150	Neem, Eucalyptus, Acacia, Mango	Working

# District Survey Report: Sidhi

43.	Bahari, Dist-Sidhi Rama Singh-Shri Vikram Singh Chauhan-Ultar Karoundiya, Teh-Gopad Banas, Dist-Sidhi	Stone	383/1, 383/2	0.65	Shivpurva	Gopad Banas	200	350	500	Neem, Eucalyptus, Acacia, Mango,	Working
44.	Veena Singh Baghel-Shri Rishi Kumar Singh-Village Semariya, Tah Gopad Banas Distt. Sidhi Mp	Stone	74, 75, 466	3.13	Kushyari, Karaundi	Bahari	80	100	200	eucalyptus, mango, berries	Working
45.	Narayandas Dwivedi-Shri Thakur Prasad Dwivedi-Phulwari, Teh-Bahari, Dist-Sidhi	Stone	30/1,	1.68	Laua	Bahari	80	150	300	Neem, Eucalyptus, Acacia, Mango,	Working
46.	Siddhi Enterprises-Hotel Prince, Sidhi Distt-Sidhi	Stone	775, 776, 797	1.64	Sihauliya	Rampur Naikun	150	200	400	Neem, Eucalyptus, Acacia, Mango,	Working
47.	Jay Bahadur Singh-Shri Surendra Pratap Singh-South Karoundiya, Teh-Gopad Banas, Dist-Sidhi (M.P.)	Stone	154/3, 155/2	1.306	Bahera Paschim	Gopad Banas	120	104	250	Eucalyptus, Guava, Jamun, Amla, Jackfruit	Working
48.	Malay Nirman Company-Shri Pushpraj Singh	Stone	1417, 1418, 1419	2	Mavai	Churhat	320	410	460	chitvan, Imli, guava, Neem, Jamun, Amla, Jackfruit, Mango, karanj, kadam	Working
49.	Ganesh Pratap Singh-Shri Prabhu Nath Singh	Stone	1284, 1285, 1287	1.5	Barmani	Gopad Banas	150	250	350	Eucalyptus, Guava, Jamun, Amla, Acacia, Mango, Jackfruit	Working
50.	Uma Mishra-Shri Ashok Kumar Mishra	Stone	7/2,	0.99	Rampur	Majhauri	50	100	200	eucalyptus, guava, berries,	Working
51.	Gill Stone Crusher	Stone	131, 144/2	0.71	Hardi	Sihawal	150	400	500	Neem, Eucalyptus, Acacia, Mango	Working
52.	Amit Singh Chouthan-Shri Anil Singh Chouthan	Stone	79-	2.37	Hardi	Sihawal	100	150	300	Neem, Eucalyptus, Acacia, Mango	Working
53.	Ajay Singh Chauthan-Shri Dinesh Singh Chauthan	Stone	119, 120/1, 121	1.66	Kargil	Gopad Banas	200	350	450	Neem, Eucalyptus, Acacia, Mango, Lime, Jackfruit	Working
	Saurabh Singh-Shri Satrudhan Singh	Stone	1949-	2	Kuchila	Gopad Banas	400	700	800	Neem, Eucalyptus, Acacia, Mango,	Working

# District Survey Report: Sidhi

55.	Asha Tiwari-Shri Abhinendra Tiwari-Baari Teh-Gopad Banas Dist-Sidhi	Stone	94	2.5	Bari	Gopad Banas	150	310	400	Jamun eucalyptus, mango, berries	Non-Working
56.	Neeraj Singh Parihar-Shri Bhaiyamani Singh Parihar-Shastri Nagar Sidhi, Teh-Gopad Banas, Dist-Sidhi (M.P.)	Stone	868	3	Badhauna	Churhat	80	150	450	Neem, Eucalyptus, Acacia, Mango	Non-Working
57.	Vaibhava InfraTech Pvt Ltd-Shri Suresh Tiwari	Stone	176	13.04	Duara	Bahari	90	150	500	Neem, Eucalyptus, Acacia, Mango	Non-Working
58.	Vinod Kumar Singh-Shri Indr Bahadur Singh-Hata Po-Hata Teh-Hanumana Dist-Reva	Stone	100	4	Hariya	Bahari	120	100	300	Neem, Eucalyptus, Acacia, Mango, Peepal	Non-Working
59.	Nagendra Singh-Shri Indradeo Singh-Badhauna, Teh-Churhat, Dist-Sidhi (M.P.)	Stone	868	3	Badhauna	Churhat	100	150	450	Neem, Eucalyptus, Acacia, Mango, Jamun, Eucalyptus	Non-Working
60.	Vikas Shukla-Shri Rajendra Prasad Shukla-Arjun Nagar, Teh-Gopad Banas, Dist-Sidhi (M.P.)	Stone	74.81	1.75	Hardi	Sihawal	200	250	350	Eucalyptus, Guava, Jamun, Amla, Acacia, Mango, Jackfruit	Non-Working
61.	Pushpraj Singh S o Shri Kamalbhau Singh, Vill Upani Teh Gopad Banas Dist Sidhi	Gitti	1662/2- 1664/2	1.92	Upani	Gopad Banas	100	200	350	Eucalyptus, Guava, Acacia, Mango, Papaya	Non-Working
62.	Gaurav Singh-Shri Manendra Bahadur Singh, Pateri, Teh Churhat Dist sidhi	Stone	31	1.2	Umariya	Bahari	0	0	170	Kadam, Guava, chhitvan, Amla, karanj, Mango, Jackfruit, Neem	Working
63.	Suraj Singh-Shri Manendra Bahadur Singh, Pateri, Teh Churhat Dist sidhi	Stone	1050	2.68	Dadhiya	Bahari	330	220	170	Kadam, Guava, chhitvan, Amla, karanj, Mango, Jackfruit, Neem	Non-Working
64.	Ranjeet Singh-Shri Bans Bahadur Singh-Karandiya Uttar Tola Sidhi	Stone	1661	1	Upani	Gopad Banas	200	300	500	Eucalyptus, Guava, Jamun, Amla, Acacia, Mango, Jackfruit, Papaya, Lime	Working
65.	Kiran Mishra-Shri Aatmanand Mishra-Vill & Teh Rampur Naikin	Fullers Earth	298/1, 298/2	2	Rampur Naikin	Rampur Naikin	300	350	600	Neem, Peepal, Eucalyptus, Guava, Jamun, Amla.	Working



## District Survey Report: Sidhi

**कार्यालय कलेक्टर (खनिज शाखा) जिला सीधी (म.प्र.)**

**वर्षवार वृक्षारोपण की जानकारी**

**उत्खनि पट्टा खदान का नाम :- राजशिला स्टोन क्रेशर**

**ग्राम- अकला, जिला- सीधी, (म.प्र.)**

क्रमांक	वर्ष	कुल खदान क्षेत्र/ क्रेशर में लगाये गये पौधी की संख्या	प्रजाति का नाम	फोटोग्राफ्स		
1	2018-19	100	कदम	संलग्न		
		80	कटहल	संलग्न		
		70	छितवन	संलग्न		
		30	कटहल	संलग्न		
		50	करंज	संलग्न		
		70	अमरूद	संलग्न		
		40	नीम	संलग्न		
		10	जामुन	संलग्न		
		2	2019-20	30	नीम	संलग्न
				40	आम	संलग्न
20	कटहल			संलग्न		
50	छितवन			संलग्न		
30	कदम			संलग्न		
50	अमरूद			संलग्न		
3	2020-21	10	करंज	संलग्न		
		30	कटहल	संलग्न		
		40	छितवन	संलग्न		
		20	आम	संलग्न		
		30	जामुन	संलग्न		
		40	कदम	संलग्न		
4	2021-22	30	जामुन	संलग्न		
		40	नीम	संलग्न		
		30	कटहल	संलग्न		
		40	आम	संलग्न		
		30	छितवन	संलग्न		
		20	करंज	संलग्न		
<b>योग</b>		<b>1030</b>				

फर्म/ पट्टेदार का नाम :- राजशिला स्टोन क्रेशर

हस्ताक्षर

दिनांक-



**State Level Environment Impact  
 Assessment Authority, M.P.  
 (EPCO)  
 Paryavaran Parisar  
 E-5, Aera Colony, Bhopal (M.P.)**

## District Survey Report: Sidhi

### कार्यालय कलेक्टर (खनिज शाखा) जिला सीधी (म.प्र.)

वर्षवार वृक्षारोपण की जानकारी

उत्खनि पट्टा खदान का नाम :- मलय निर्माण कम्पनी

ग्राम- भवई, जिला- सीधी, (म.प्र.)

क्रमांक	वर्ष	कुल खदान क्षेत्र/ क्रेसर में लगाये गये पीधी की संख्या	प्रजाति का नाम	फोटोग्राफ्स
1	2018-19	90	आम	संलग्न
		70	कटहल	संलग्न
		50	जामुन	संलग्न
		100	करंज	संलग्न
		40	कदम	संलग्न
		20	छितवन	संलग्न
		40	ऑवला	संलग्न
2	2019-20	30	अमरुद	संलग्न
		70	नीम	संलग्न
		80	आम	संलग्न
		40	जामुन	संलग्न
		60	कटहल	संलग्न
		40	कदम	संलग्न
		90	आम	संलग्न
3	2020-21	50	छितवन	संलग्न
		80	जामुन	संलग्न
		40	नीम	संलग्न
		30	कटहल	संलग्न
		40	ऑवला	संलग्न
		30	कदम	संलग्न
		50	कदम	संलग्न
4	2021-22	60	छितवन	संलग्न
		30	ईमली	संलग्न
		50	अमरुद	संलग्न
		60	नीम	संलग्न
		100	आम	संलग्न
		40	कटहल	संलग्न
		30	जामुन	संलग्न
		50	करंज	संलग्न
		40	कदम	संलग्न
योग		1600		

फर्म/ पट्टेदार  
हस्ताक्षर  
दिनांक-



  
 State Level Environment Impact  
 Assessment Authority, M.P.  
 (EPCO)  
 Paryavaran Parisar  
 E-5, Arera Colony, Bhopal (M.P.)

## District Survey Report: Sidhi

**कार्यालय कलेक्टर (अग्निज शाखा) जिला-सीधी (म.प्र.)**

वर्षवार वृक्षारोपण की जानकारी

उत्खनि पट्टा खदान का नाम-गौरव सिंह (गौरव स्टोन क्रेशर)

ग्राम-झरिया जिला-सीधी (म.प्र.)

क्रमांक	वर्ष	कुल खदान क्षेत्र/क्रेशर में लगाये गये पौधों की संख्या	प्रजाति का नाम	फोटोग्राफ्स		
1	2019-20	50	कदम	सलग्न		
		70	कटहल	सलग्न		
		60	छितवन	सलग्न		
		20	कटहल	सलग्न		
		30	करंज	सलग्न		
		50	अगरुद	सलग्न		
		40	नीम	सलग्न		
		10	जामुन	सलग्न		
		2	2020-21	30	नीम	सलग्न
				40	आम	सलग्न
20	कटहल			सलग्न		
50	छितवन			सलग्न		
30	कदम			सलग्न		
50	अगरुद			सलग्न		
3	2021-22	10	करंज	सलग्न		
		30	कटहल	सलग्न		
		40	छितवन	सलग्न		
		20	आम	सलग्न		
		30	जामुन	सलग्न		
		40	कदम	सलग्न		
योग		720				

फर्म/पट्टेदार का नाम - गौरव सिंह (गौरव स्टोन क्रेशर)

हस्ताक्षर

दिनांक 18/08/22

**M/s Gourav Singh**

Proprietor

  
**State Level Environment Impact  
 Assessment Authority, M.P.  
 (EPCO)  
 Paryavaran Parisar  
 E-5, Arera Colony, Bhopal (M.P.)**

## District Survey Report: Sidhi

कार्यालय कलेक्टर (खनिज शाखा) जिला-सीधी (म०प्र०)

वर्षवार वृक्षारोपण की जानकारी

उत्खनि पट्टा खदान का नाम-गौरव सिंह (गौरव स्टोन क्रेशर)

ग्राम-उमारिया, जिला-सीधी (म.प्र.)

क्रमांक	वर्ष	कुल खदान क्षेत्र/क्रेशर में लगाये गये पौधों की संख्या	प्रजाति का नाम	फोटोग्राफ्स
1	2021-22	10	करंज	सलग्न
		30	कटहल	सलग्न
		40	छितवन	सलग्न
		20	आम	सलग्न
		30	जामुन	सलग्न
		40	कदम	सलग्न
योग		170		

फर्म/पट्टेदार का नाम - गौरव सिंह (गौरव स्टोन क्रेशर)

हस्ताक्षर

M/s Gaurav Singh

दिनांक 18/08/22...

GOURAV SINGH

  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi

कार्यालय कलेक्टर (खनिज शाखा) जिला सीधी (म.प्र.)

वर्षवार वृक्षारोपण की जानकारी

उत्खनि पट्टा खदान का नाम :- सिद्धिदात्री मिनिरल्स प्राइवेट लिमिटेड

ग्राम- नेवूहा, जिला- सीधी, (म.प्र.)

क्रमांक	वर्ष	कुल खदान क्षेत्र/ क्लेसर में लगाये गये वीथी की संख्या	प्रजाति का नाम	फोटोग्राफ्स
2	2021-22	25	कदम	संलग्न
		20	आम	संलग्न
		10	छिन्नवन	संलग्न
		30	बामुन	संलग्न
		15	अशोक	संलग्न
		20	बेल	संलग्न
		50	नीम	संलग्न
		30	कटहल	संलग्न
योग		200		

फर्म/ पट्टेदार का नाम :- सिद्धिदात्री मिनिरल्स प्राइवेट लिमिटेड

हस्ताक्षर

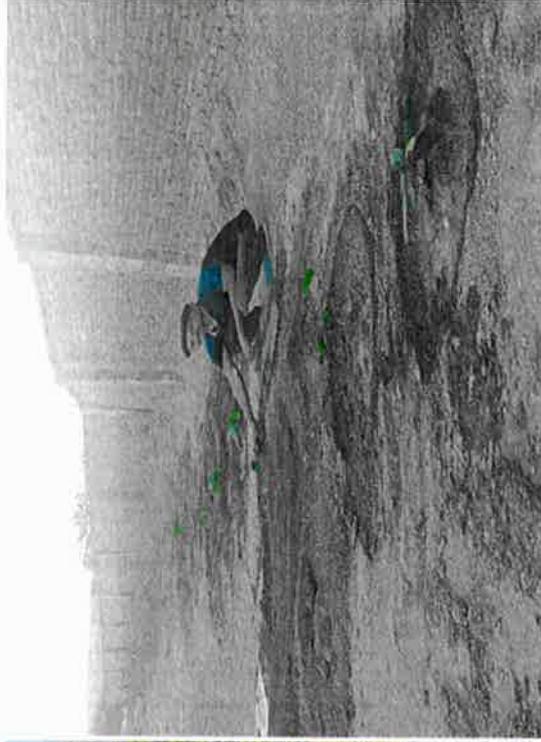
दिनांक



  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Parvathan Parisar  
E-5, / / / Bhopal (M.P.)

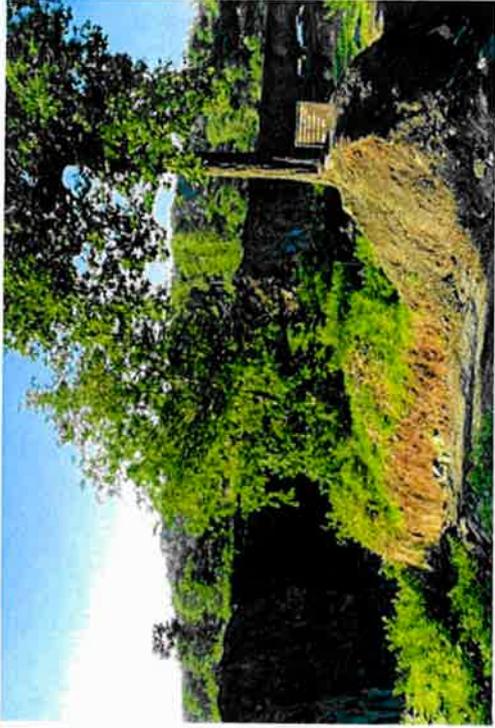
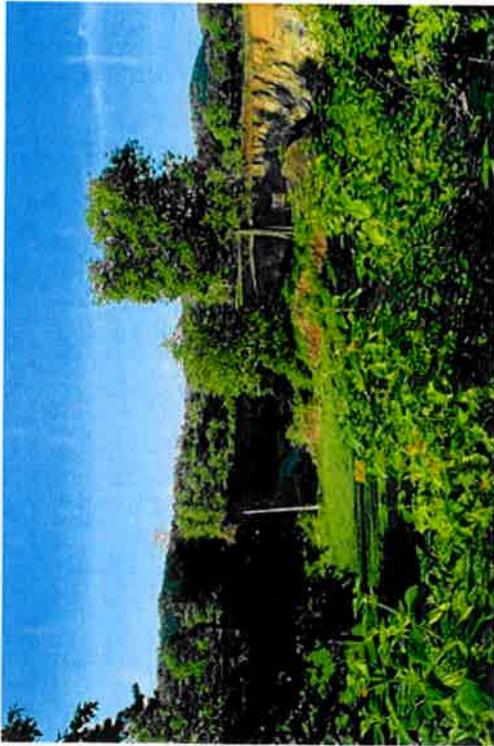
## District Survey Report: Sidhi

**Jay Bahadur Singh-Shri Surendra Pratap Singh-South Karoundiya, Teh-Gopad Banas, Dist-Sidhi (M.P.) Stone Mine Village- Bahera Paschim khasra 154/3, 155/2 Area 1.306 hec. -**



  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi



Siddhidatri Minerals Pvt Ltd, Shastri Nagar Dist Sidhi Granite Mine Village Nebuha Khasra no. 470, 471/1, 471/2 etc 3.26 hec.



  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi



Zed Black Rocks-5th/ Terrace Aeon Complex Opp. Mem Nagar Fire Station Navrangpura Ahmedabad 380009(G.J.) Village Khadauda The. Majhauri Khasra 304, 325 etc Area 9.48 Hec. Granite Mine

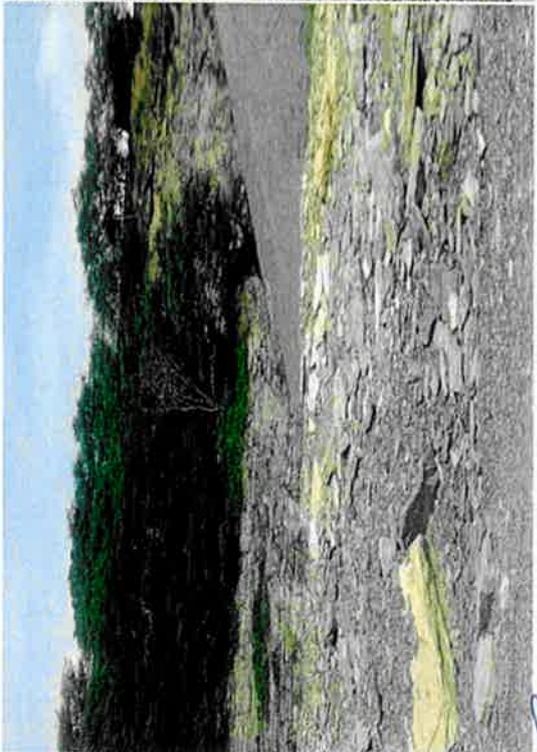
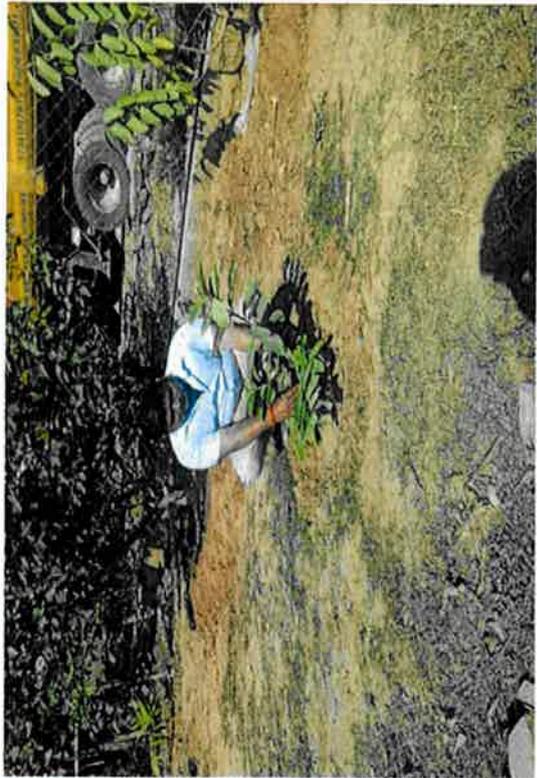
  
State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)

# District Survey Report: Sidhi



Malay Nirman Company-Shri Pushpraj Singh Village Mavai Tehsil Churhat Khasra 1417,1418,1419 Area 2.00 Hec. Stone Mine

# District Survey Report: Sidhi



State Level Environment Impact  
Assessment Authority, M.P.  
(EPCO)  
Paryavaran Parisar  
E-5, Arera Colony, Bhopal (M.P.)



राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण, म.प्र.  
(पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार)

पर्यावरण नियोजन एवं समन्वय संगठन  
पर्यावरण परिसर, ई-5, अरेरा कॉलोनी  
भोपाल-462016 (म.प्र.)

वेबसाइट- <http://www.mpseiaa.nic.in>

दूरभाष नं. - 0755-2466970, 2466859

फैक्स नं. - 0755-2462136

No: 1667 / SEIAA/2022

Date: 23/09/22

प्रति,

कलेक्टर

जिला - सीधी (म.प्र.)

विषय: नवीन जिला सर्वेक्षण रिपोर्ट - सीधी, (अन्य खनिज रेत छोडकर)  
संदर्भ: आपका पत्र क्र. 388, दिनांक 24.08.2022।

राज्य स्तरीय समाघात निर्धारण प्राधिकरण द्वारा 747वी बैठक दिनांक 14.09.2022 में निम्नानुसार निर्णय लिया गया :-

राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (SEAC) की 592वीं बैठक दिनांक 06/09/2022 में जिला सीधी की जिला सर्वेक्षण रिपोर्ट में निम्नानुसार सुझाव सहित अनुशंसा की गई है।

"..... समिति द्वारा सुझाव गई उपरोक्त अनुशंसाओं के साथ सीधी जिले की जिला सर्वेक्षण रिपोर्ट ( गौण खनिज ) अनुमोदन हेतु विचारार्थ एवं आगामी कार्यवाही हेतु राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण की ओर प्रेषित की जाये।"

राज्य स्तरीय समाघात निर्धारण प्राधिकरण (SEIAA) द्वारा विस्तृत चर्चा एवं विचार विमर्श उपरांत SEAC की 592वीं बैठक दिनांक 06/09/2022 की अनुशंसा को मान्य करते हुए सीधी जिले की अद्यतन जिला सर्वेक्षण रिपोर्ट अन्य खनिज (रेत छोडकर) का अनुमोदन SEAC द्वारा सुझाई गई उपरोक्त अनुशंसाओं के साथ किया जाता है। तदनुसार जिला कलेक्टर, सीधी को पुनरीक्षित जिला सर्वेक्षण रिपोर्ट जिला पोर्टल पर अपलोड करवाये जाने एवं संचालक भौमिकी तथा खनिकर्म को सूचित किया जाये।

उपरोक्त निर्णयानुसार कृपया अनुमोदित नवीन जिला सर्वेक्षण रिपोर्ट जिला पोर्टल पर अपलोड करने का कष्ट करें। सुलभ संदर्भ हेतु अनुमोदित नवीन जिला सर्वेक्षण रिपोर्ट की साफ्टकॉपी ई-मेल के माध्यम से आपकी ओर प्रेषित है।

क्र.. 1668 / SEIAA / 2022 भोपाल

दिनांक 23/09/22

प्रतिलिपि :-

1. प्रमुख सचिव, म.प्र. शासन, पर्यावरण विभाग, मंत्रालय, भोपाल की ओर कृपया सूचनार्थ ।
2. संचालक, प्रशासन/तकनीकी, संचालनालय, भौमिकी तथा खनिकर्म, 29-ए, खनिज भवन, अरेरा हिल्स, भोपाल (म.प्र.)
3. सदस्य सचिव, राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (SEAC), अनुसंधान एवं विकास विंग, म.प्र. प्रदूषण नियंत्रण बोर्ड, पर्यावरण परिसर, ई-5, अरेरा कॉलोनी, भोपाल (म.प्र.) - 462016 की ओर सूचनार्थ ।

  
/c/ (श्रीमन् शुक्ला)  
सदस्य सचिव

  
/c/ सदस्य सचिव

30. जिला सर्वेक्षण रिपोर्ट, जिला - सीधी, (अन्य खनिज रेत छोडकर)

राज्य स्तरीय समाघात निर्धारण प्राधिकरण द्वारा 747वी बैठक दिनांक 14.09.2022 में निम्नानुसार निर्णय लिया गया :-

राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (SEAC) की 592वीं बैठक दिनांक 06/09/2022 में जिला सीधी की जिला सर्वेक्षण रिपोर्ट में निम्नानुसार सुझाव सहित अनुशंसा की गई है।

"..... समिति द्वारा सुझाव गई उपरोक्त अनुशंसाओं के साथ सीधी जिले की जिला सर्वेक्षण रिपोर्ट ( गौण खनिज ) अनुमोदन हेतु विचारार्थ एवं आगामी कार्यवाही हेतु राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण की ओर प्रेषित की जाये।"

राज्य स्तरीय समाघात निर्धारण प्राधिकरण (SEIAA) द्वारा विस्तृत चर्चा एवं विचार विमर्श उपरांत SEAC की 592वीं बैठक दिनांक 06/09/2022 की अनुशंसा को मान्य करते हुए सीधी जिले की अद्यतन जिला सर्वेक्षण रिपोर्ट अन्य खनिज (रेत छोडकर) का अनुमोदन SEAC द्वारा सुझाई गई उपरोक्त अनुशंसाओं के साथ किया जाता है।

तदनुसार जिला कलेक्टर, सीधी को पुनरीक्षित जिला सर्वेक्षण रिपोर्ट जिला पोर्टल पर अपलोड करवाये जाने एवं संचालक भौमिकी तथा खनिकर्म को सूचित किया जाये।

31. जिला सर्वेक्षण रिपोर्ट, जिला - खरगौन -रेत खनिज

राज्य स्तरीय समाघात निर्धारण प्राधिकरण द्वारा 747वी बैठक दिनांक 14.09.2022 में निम्नानुसार निर्णय लिया गया :-

राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (SEAC) की 592वीं बैठक दिनांक 06/09/2022 में जिला खरगौन की जिला सर्वेक्षण रिपोर्ट में निम्नानुसार सुझाव सहित अनुशंसा की गई है।

".....समिति द्वारा सुझाई गई उपरोक्त अनुशंसाओं के साथ खरगौन जिले की जिला सर्वेक्षण रिपोर्ट (रेत खनिज) अनुमोदन हेतु विचारार्थ एवं आगामी कार्यवाही हेतु राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण की ओर प्रेषित किया जाये।"

राज्य स्तरीय समाघात निर्धारण प्राधिकरण (SEIAA) द्वारा विस्तृत चर्चा एवं विचार विमर्श उपरांत SEAC की 592वीं बैठक दिनांक 06/09/2022 की अनुशंसा को मान्य करते हुए खरगौन जिले की अद्यतन जिला सर्वेक्षण रिपोर्ट (रेत खनिज ) का अनुमोदन SEAC द्वारा सुझाई गई उपरोक्त अनुशंसाओं के साथ किया जाता है।

तदनुसार जिला कलेक्टर, खरगौन को पुनरीक्षित जिला सर्वेक्षण रिपोर्ट जिला पोर्टल पर अपलोड करवाये जाने एवं संचालक भौमिकी तथा खनिकर्म को सूचित किया जाये।

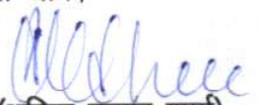
32. जिला सर्वेक्षण रिपोर्ट, जिला - पन्ना -रेत खनिज

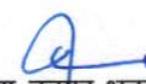
राज्य स्तरीय समाघात निर्धारण प्राधिकरण द्वारा 747वी बैठक दिनांक 14.09.2022 में निम्नानुसार निर्णय लिया गया :-

राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (SEAC) की 592वीं बैठक दिनांक 06/09/2022 में जिला पन्ना की जिला सर्वेक्षण रिपोर्ट में निम्नानुसार सुझाव सहित अनुशंसा की गई है।

".....समिति द्वारा सुझाई गई उपरोक्त अनुशंसाओं के साथ पन्ना जिले की जिला सर्वेक्षण रिपोर्ट (रेत खनिज) अनुमोदन हेतु विचारार्थ एवं आगामी कार्यवाही हेतु राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण की ओर प्रेषित किया जाये।"

  
(श्रीमन् शुक्ला)  
सदस्य सचिव

  
(अनिल कुमार शर्मा)  
सदस्य

  
(अरुण कुमार भट्ट)  
अध्यक्ष

**592वीं राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की बैठक  
दिनांक 06 सितम्बर 2022**

**14. जिला सर्वेक्षण रिपोर्ट – सीधी अन्य खनिज (रेत छोडकर)**

<b>Mineral</b>	<b>Sand</b>
<b>Earlier DSR Discussed</b>	SEAC 587 <sup>th</sup> , 589 <sup>th</sup> Meeting dated 02.08.22, 17.08.2022
<b>Approved /or recommend for Updation (if Updation then elaborate issues)</b>	Recommended for DSR Updation ( Sand)
<b>Deliberation in the SEAC 587<sup>th</sup>, 589<sup>th</sup> Meeting dated 02.08.22, 17.08.2022.</b>	<p><i>राज्य स्तरीय मूल्यांकन समिति की 587वीं बैठक दिनांक 02.08.22</i></p> <p><i>जिला सर्वेक्षण रिपोर्ट, जिला – सीधी, म.प्र.– (रेत खनिज)</i></p> <p>कार्यालय कलेक्टर (खनिज शाखा) जिला सीधी के पत्र क्रमांक 220 दिनांक 14/07/22 के माध्यम से सीधी जिले की जिला सर्वेक्षण रिपोर्ट रेत एवं अन्य गौण खनिज हेतु अलग-अलग 02 वॉल्यूम में राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण एवं राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति के परीक्षण हेतु ई-मेल के माध्यम से (सॉफ्टकापी) भेजी गई है जो राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति को दिनांक 22/07/22 को प्राप्त हुई है । उक्त जिला सर्वेक्षण रिपोर्ट, राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति के सदस्यों को दिनांक 24/07/22 (सॉफ्टकापी) को प्रेषित की गई थी तथा उस पर चर्चा हेतु राज्य स्तरीय मूल्यांकन समिति की 587 वीं बैठक दिनांक 02/08/2022 को प्रस्तावित है।</p> <p>कार्यालय कलेक्टर (खनिज शाखा) जिला सीधी म.प्र. के पत्र क्रमांक 220 दिनांक 14/07/2022 द्वारा प्रस्तुत जिला सर्वेक्षण रिपोर्ट में यह उल्लेख किया गया कि इस रिपोर्ट का अनुमोदन जिला स्तर पर गठित समिति द्वारा दिनांक 30/06/22 को किया गया तथा अनुमोदन उपरांत जिले की वेबसाइट पर दिनांक 01/06/22 को अपलोड किया गया, जिसमें कोई आपत्ति/सुझाव प्राप्त नहीं हुए ।</p> <p>राज्य स्तरीय मूल्यांकन समिति की 587 वीं बैठक दिनांक 02/08/2022 को सीधी जिले की उक्त नवीन जिला सर्वेक्षण रिपोर्ट-2022 (रेत खनिज), पर चर्चा की गई। चर्चा के दौरान खनिज विभाग, सीधी की ओर से सुश्री दीपमाला तिवारी, खनिज अधिकारी ऑनलाईन उपस्थित हुए जिसमें पाया गया कि :-</p> <p><b>अन्य गौण खनिज</b></p> <ol style="list-style-type: none"> <li>1. प्रस्तुत जिला सर्वेक्षण रिपोर्ट-अन्य गौण खनिज पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली द्वारा जारी अधिसूचना दिनांक 25/07/2018 में निर्धारित फार्मेट अनुसार नहीं बनाई गई है तथा कई जानकारियों वांछित तालिका में नहीं दी गई है ।</li> <li>2. जिला सर्वेक्षण रिपोर्ट की तालिका-3 (पेज क्रमांक-08 से 12) की जानकारी निर्धारित प्रपत्र में नहीं है । निर्धारित प्रपत्र के क्रमांक-9 के कॉलम-05, 13, 14, 15 एवं 16 इत्यादि की जानकारी नहीं दी गई है ।</li> <li>3. इसी प्रकार जिला सर्वेक्षण रिपोर्ट की तालिका-14 की जानकारी अधिसूचना के निर्धारित प्रपत्र के क्रमांक-13 में प्रस्तावित टेबिल के अनुरूप नहीं है ।</li> <li>4. इस जिला सर्वेक्षण रिपोर्ट में निर्धारित प्रपत्र के बिंदु क्रमांक-18, 20, 25 एवं 26 की जानकारियों का समावेश नहीं किया गया है, जिस कारण रिपोर्ट अपूर्ण है ।</li> <li>5. जिला सर्वेक्षण रिपोर्ट (रेत) के पेज न0. 28 के बिन्दु क्र0. 16 में जिले में स्थित इको सेंसिटिव जोन की जानकारी दी गयी है, जिसमें बताया गया है जिले में संजय डुबरी (Sanjay-Dubri N.P.&amp; Tiger Reserve) राष्ट्रीय पार्क एवं टाईगर रिजर्व, सोन-घड़ियाल, अभ्यारण एवं बगदरा वन्य प्राणी अभ्यारण स्थित होना बताया गया है। इसके अतिरिक्त इसमें पाये जाने वाले जंगली जानवरों का भी उल्लेख है। चूंकि सीधी जिला वन्य प्राणी, जलचरों एवं वनस्थिति दृष्टि अत्याधिक संवेदनशील है अतएव डी.एस.आर. के इस पार्ट</li> </ol>

**592वीं राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की बैठक  
दिनांक 06 सितम्बर 2022**

	<p>तीनों ईको सेंसीटिव जोन यथा-सजंय-डुबरी राष्ट्रीय पार्क, सोन घड़ियाल अभ्यारण एवं बगदरा वन्य प्राणी अभ्यारण के अन्तर्गत इनकी सीमायें की जानकारी (Extentd) नोटिफिकेशन न0.एवं कोर जोन एवं बफर जोन में आने वाले गांवों की सूचि का समावेश करना अत्याधिक आवश्यक है जिससे खनन गतिविधि का कोई भी विसम प्रभाव वन्य-प्राणी के रहवास एवं इनके संवेदनशील पारिस्थितिकीय तंत्र पर न पड़े एवं इनसे संबंधित अधिसूचनाओं की प्रति भी जिला सर्वेक्षण रिपोर्ट में संलग्न की जाना चाहिए ।</p> <p>6. जिला सर्वेक्षण रिपोर्ट में हरित क्षेत्र के विकास हेतु खदानों में वृक्षारोपण की जानकारी नहीं दी गई है। जानकारी के लीजवार शामिल कर अद्यतन किया जाना चाहिए। साथ ही निर्धारित लक्ष्य के विरुद्ध कितना वृक्षारोपण किस वर्ष किया है, उसको भी अंकित किया जाना चाहिए।</p> <p>समिति ने यह भी सुझाव दिया कि सभी खनिज अधिकारी अपनी साईट विजिट के दौरान खदान द्वारा किये जा रहे पर्यावरणीय एवं सामाजिक पहलुओं का भी अवलोकन करें एवं यदि कोई पर्यावरणीय संवेदनशीलता दृष्टिगत हो, जिस पर ध्यान दिया जाना आवश्यक हो तो संबंधित तथ्यों से राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण को उचित कार्यवाही हेतु अवगत करायें।</p> <p>चर्चा उपरांत समिति की यह अनुशंसा है कि जिला सर्वेक्षण रिपोर्ट, जिला सीधी को समिति द्वारा सुझाई गई उपरोक्त अनुशंसाओं के तारतम्य में अद्यतन (अपडेट) किया जाये तथा संशोधित जिला सर्वेक्षण रिपोर्ट पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली द्वारा जारी अधिसूचना दिनांक 25/07/2018 के अनुसार पुनः प्रस्तुत की जाये। ऑन लाईन उपस्थित सुश्री दीपमाला तिवारी, खनिज अधिकारी को भी उपरोक्त संदर्भ में समझाईश दी गई तथा पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली द्वारा जारी अधिसूचना दिनांक 25/07/2018 के निर्धारित फॉर्मेट अनुसार जिला सर्वेक्षण रिपोर्ट (रेत) को अद्यतन कर लें । तदनुसार प्रकरण आगामी कार्यवाही राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण की ओर अग्रिम कार्यवाही हेतु प्रेषित है।</p> <p style="text-align: center;"><b>राज्य स्तरीय मूल्यांकन समिति की 589 वीं बैठक दिनांक 17/08/22</b></p> <p><i>खनिज अधिकारियों से चर्चा के दौरान जिला रायसेन, भोपाल एवं सीधी के खनिज अधिकारी (जिनकी जिला सर्वेक्षण रिपोर्ट प्रस्तुतीकरण में सूचीबद्ध नहीं थी) भी चर्चा में आमंत्रित किये गये थे ताकि लिये गये निर्णयों के परिप्रेक्ष्य में वे अपनी जिला सर्वेक्षण रिपोर्ट अद्यतन कर सकें । इस दौरान खनिज अधिकारियों द्वारा बैठक के दौरान उठाये गये प्रश्नों पर भी चर्चा की गयी एवं उनका शंका समाधान भी किया गया। जिला सर्वेक्षण रिपोर्ट के प्रस्तुतीकरण के दौरान संचानालय, भौमिकी एवं खनिकर्म, विभाग भोपाल से श्री पी.पी. राय, खनिज अधिकारी को भी समिति ने निर्देशित किया कि वे अपने स्तर पर भी जिले के सभी खनिज अधिकारियों को नवीन जिला सर्वेक्षण रिपोर्ट पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय की सस्टेनेबल सेंड माईनिंग मैनेजमेंट गाईडलाईन, 2016, इफोर्समेंट मॉनिटरिंग फॉर सेंड माईनिंग गाईडलाईन, 2020 तथा अधिसूचना दिनांक 25/07/2018 में निर्धारित प्रपत्र अनुसार प्रस्तुत करें ताकि बार-बार संशोधनों की आवश्यकता न पड़े ।</i></p>
<b>Revised DSR received from District Collectorate ( Mining)</b>	Received soft copy vide District Collectorate ( Mining) Office, Sidhi , No. 388 dated 24.08.2022
<b>Hard Copy Soft Copy or both</b>	Hard copy & Soft copy
<b>SEAC meeting dated 26/08/22</b>	पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली द्वारा जारी अधिसूचना दिनांक 25/07/2018 की अधिसूचना में दी गयी है वह 16 बिन्दुओं वाली जानकारी 02 तालिकाओं में दी गयी है। तालिका क्र0. 9 पेज क्र0. 19-42 एवं तालिका क्र0. 26 पेज न0. 57 से 64 में लीजवार विगत 03 वर्षों में लगाये गये पौधों की संख्या एवं प्रजाति दर्शायी है।

आज दिनांक 26/8/22 को जिला सर्वेक्षण रिपोर्टों के प्रस्तुतीकरण के दौरान संचानालय, भौमिकी एवं खनिकर्म, विभाग भोपाल से श्री पी.पी. राय, एवं ऑन-लाईन सुश्री दीपमाला तिवारी, खनिज

**592वीं राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की बैठक  
दिनांक 06 सितम्बर 2022**

अधिकारी के साथ उपस्थित रहे ।

समिति ने पाया कि खनि अधिकारी, कार्यालय कलेक्टर, (खनिज शाखा) जिला— सीधी के पत्र क्र० 388 दिनांक 24/08/22 लीज धारकों द्वारा किये गये पांच वर्षों में किये गये वृक्षारोपण की जानकारी प्रस्तुत कर दी गई है। अतः समिति द्वारा सुझाव गई उपरोक्त अनुशंसाओं के साथ धार जिले की जिला सर्वेक्षण रिपोर्ट ( गौण खनिज ) अनुमोदन हेतु विचारार्थ एवं आगामी कार्यवाही हेतु राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण की ओर प्रेषित की जाये ।

**15. जिला सर्वेक्षण रिपोर्ट, खरगौन –रेत खनिज**

Mineral	Sand
<b>Earlier DSR Discussed</b>	SEAC 576 <sup>th</sup> & 591 <sup>th</sup> Meeting dated 10.06.22 & 16.08.2022
<b>Approved /or recommend for Updation (if Updation then elaborate issues )</b>	Recommended for DSR Updation ( <b>Sand Mineral</b> )
<b>Deliberation in the SEAC 576<sup>th</sup>, &amp; 591<sup>th</sup> Meeting dated 10.06.22 &amp; 16.08.2022</b>	<p>राज्य स्तरीय मूल्यांकन समिति की 576 वीं बैठक दिनांक 10/06/22 जिला सर्वेक्षण रिपोर्ट, जिला खरगौन (म.प्र.) <u>जिला सर्वेक्षण रिपोर्ट, जिला खरगौन (म.प्र.)</u> ।</p> <p>राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण (सिया) ने पत्र क्रमांक 602 दिनांक 27/05/22 के माध्यम से खरगौन जिले की जिला सर्वेक्षण रिपोर्ट राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति के परीक्षण हेतु भेजी गई है । कार्यालय कलेक्टर, खनिज शाखा खरगौन के पत्र क्रमांक 7676 दिनांक 27/5/22 के माध्यम से सूचित किया गया है कि जिला सर्वेक्षण रिपोर्ट को जिला सूचना केन्द्र के वेब पोर्टल पर 21 दिन की अवधि हेतु अपलोड किया गया । उक्त अवधि की जिला के सर्वेक्षण रिपोर्ट में कोई आपत्ति/सुझाव प्राप्त नहीं हुए, अतएव गठित समिति द्वारा आवश्यक संशोधन कर जिला सर्वेक्षण रिपोर्ट तैयार की गई और इस कार्यालय के पत्र क्रमांक 7661 दिनांक 24/05/22 को कलेक्टर महोदय से अनुशंसा सहित सदस्य सचिव, सिया/सेक को भेजी गई । उक्त जिला सर्वेक्षण रिपोर्ट, राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति के सदस्यों को दिनांक 02/06/22 (सॉफ्टकापी) को प्रेषित की गई थी तथा उस पर चर्चा राज्य स्तरीय मूल्यांकन समिति की 576वीं बैठक दिनांक 10/06/22 में प्रस्तावित की गई । राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की 576वीं बैठक दिनांक 10/06/22 में खरगौन जिले की जिला सर्वेक्षण रिपोर्ट पर चर्चा की गई । चर्चा के दौरान खनिज विभाग, खरगौन की ओर से श्री सावन चौहान, प्रभारी खनिज अधिकारी ऑनलाईन उपस्थित हुए जिसमें पाया गया कि :-</p> <ul style="list-style-type: none"> <li>➤ जिला सर्वेक्षण रिपोर्ट के पेज नं. 14 एवं 15 में दी गई रेत खदानों की सूची में खसरा नं. एवं क्षेत्रफल की जानकारी नहीं दी गई है ।</li> <li>➤ जिला सर्वेक्षण रिपोर्ट के पेज नं. 27 की तालिका-6 में तीन वर्ष 2019-20, 2020-21 एवं 2021-22 में रेत की मात्र अलग-अलग दर्शाई गई जबकि उन्हीं वर्षों में रॉयल्टी/राजस्व प्राप्ति की राशि (रु. 17,28,00000) बराबर है, स्थिति स्पष्ट करें ।</li> <li>➤ तालिका-11 एवं 12 में प्री-मानसून एवं पोस्ट-मानसून में प्रदाय की गई अनुमानित रेत की मात्रा में लीजवार (60 प्रतिशत टोटल मिनरल पोटेन्शियल) (लम्बाई एवं चौड़ाई के साथ) नहीं दी गई है ।</li> <li>➤ प्रस्तुत जिला सर्वेक्षण रिपोर्ट पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली द्वारा जारी अधिसूचना दिनांक 25/07/2018 में निर्धारित फॉर्मेट अनुसार नहीं बनाई गई है तथा कई जानकारियों वांछित तालिका में नहीं दी गई है जिस कारण रिपोर्ट अपूर्ण है ।</li> <li>➤ बिंदु क्रमांक-26 की जानकारी जो माईनर मिनरल (रेत छोडकर) से संबंधित है, के अवलोकन से ज्ञात होता है</li> </ul>