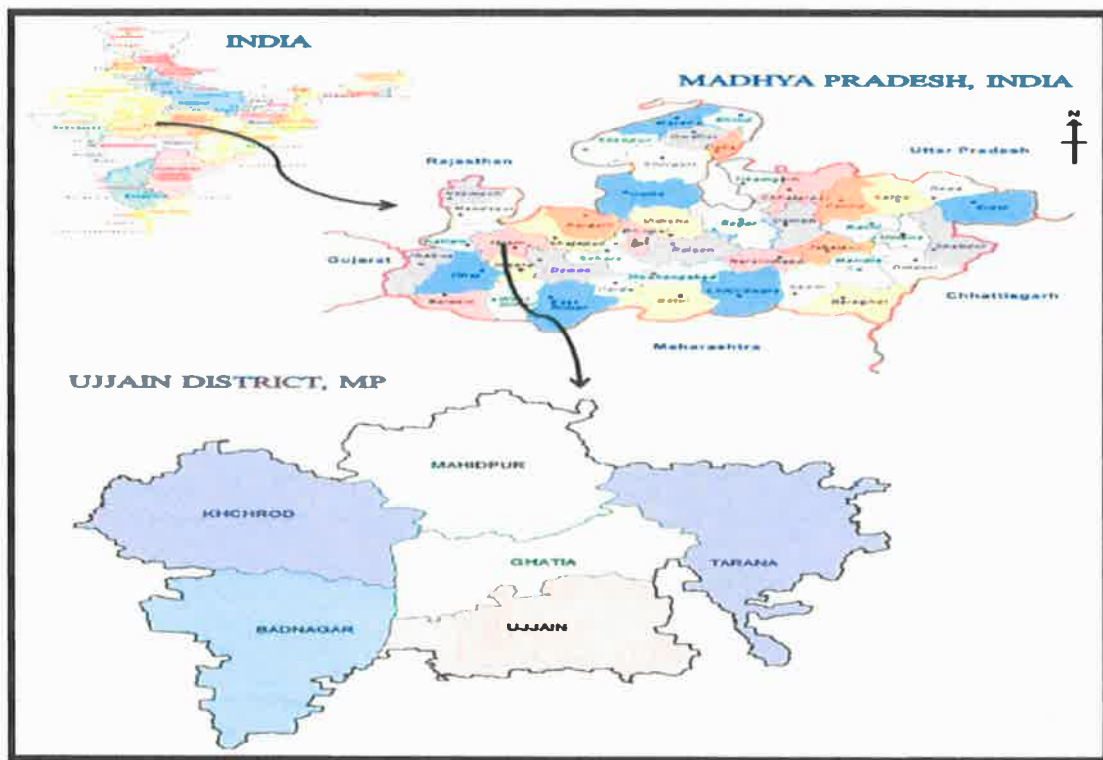




Government of
Madhya Pradesh


DISTRICT SURVEY REPORT FOR SAND MINING OR RIVERBED MINING



DISTRICT:- UJJAIN

As per Notification No. S.O. 3611 (E) New Delhi, the 25th July, 2018 of Ministry of Environment Forest and Climate change, Government of India and Enforcement and Monitoring Guidelines for Sand mining- MoEF&CC New Delhi-2020

www.mineralresources.mp.gov.in


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

कार्यालय कलेक्टर (खनिज शाखा)

जिला उज्जैन (म0प्र0)

उज्जैन दिनांक 07.09.2022

क्रमांक 1538/खनिज/2022-23
प्रति,

सदस्य-सचिव
राज्य स्तरीय विशेषज्ञ भूव्यापक समिति (SEAC)
पर्यावरण परिसर ई-5 अरेरा कॉलोनी
भोपाल-462016 मध्यप्रदेश


विषय :- जिला सर्वेक्षण रिपोर्ट (डीएसआर) में आंशिक संशोधन कर प्रस्तुत करने बाबत ।
संदर्भ :- बैठक 592 दिनांक 06.09.2022 बैठक में दिये गये निर्देश के संबंध में ।

//-//

उपरोक्त विषयांतर्गत संदर्भित पत्र के संबंध में लेख है कि जिला उज्जैन हेतु अनुमोदित जिला सर्वेक्षण रिपोर्ट (रित खनिज एवं अन्य गौण खनिज) के संबंध में सेक (SEAC) द्वारा आयोजित बैठक 592 दिनांक 06.09.2022 में आंशिक संशोधन के निर्देश दिये गये । जिसके परिपालन में जिला सर्वेक्षण रिपोर्ट (रित खनिज एवं अन्य गौण खनिज) में आंशिक संशोधन कर आगामी कार्यवाही करने हेतु सादर सम्प्रेषित है ।

पृ0क्रमांक 1539/खनिज/2022-23
प्रतिलिपि :-

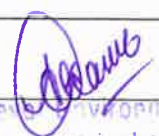
- 1- प्रमुख सचिव, महोदय म0प्र0 शासन खनिज साधन विभाग मंत्रालय भोपाल की ओर सूचनार्थ प्रेषित ।
- 2- संचालक, प्रशासन एवं खनिकर्म, भोपाल की ओर सूचनार्थ प्रेषित ।
- 3- सदस्य-सचिव, राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण (सिया) भोपाल की ओर सूचनार्थ प्रेषित ।
- 4- क्षेत्रीय प्रमुख, संचालनालय भौमिकी तथा खनिकर्म, इंदौर की ओर सूचनार्थ प्रेषित ।


जिला खनिज अधिकारी
जिला उज्जैन म0प्र0
उज्जैन दिनांक 07.09.2022
(म.प्र.)


जिला खनिज अधिकारी
जिला उज्जैन म0प्र0
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 District Development Officer, U.P.
 District Collector, U.P.
 District Collector, U.P.


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 State Level Environment Impact
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PREFACE

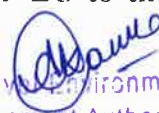
In pursuance to the Gazette Notification, Ministry of Environment, Forest and Climate Change (MoEF& CC), the **Government of India Notification No S.O.3611 (E) New Delhi, 25th July 2018 laid procedure for preparation** of District Survey Report of sand mining or river bed mining. The main purpose of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

In compliance to the notification, the preparation of district survey report of sand mining or river bed mining has been prepared in accordance with Clause I of Appendix X of the notification. Every effort has been made to cover Sand mining locations, future potential areas and overview of Sand mining activities in the district with all its relevant features pertaining to Geology and Mineral wealth. This report will act as a compendium of available mineral resources; Geological set up, environmental and ecological set up of the district and is based on data of various departments like Revenue, Water Resources, Forest, Geology and Mining in the district as well as statistical data uploaded by various state Government departments.

The District Survey Report will guide systematic and scientific utilization of natural resources, so that present and future generation may be benefited at large. The guidelines of MoEF&CC will support that fundamental concept, promoting environmental protection, limiting negative physiological, hydrological and social impacts under pinning sustainable economic growth.

This District Survey Report (DSR) will contain mainly data published and endorsed and websites by various departments about Geology of the area, Mineral wealth details of the investigated area, details of Lease and Mining activity in the revenue of minerals. This report also contains details of Forest, Rivers, Soils, Agriculture, climate and other geo-morphological units.

Disclaimer: The data may vary due to flood, heavy rains and other natural calamities. Therefore, it is recommended that SEIAA may take into consideration all its relevant aspects/data while scrutinizing and recommending the application for EC to the concerned Authority.


State Level Environment Impact
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OBJECTIVES

The main objective of the preparation of District Survey Report is to ensure the following:-

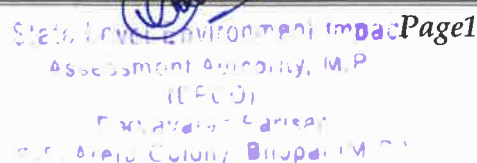
- Identification of areas of aggradations or deposition where mining can be allowed; and
- Identification of areas of erosion and proximity to infrastructural structures and installations where mining should be prohibited and calculation of annual rate of replenishment and allowing time for replenishment after mining in that area.
- Identification of mineral wealth in 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.


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- Ujjain District is covering an area of 6091 sq.km between 22°49'45" & 23°45'25"N and longitudes 75°08'05" & 76°15'20"E and falling in Survey of India degree sheet nos. 46M, N and 55A, and it is situated in the northern part of Madhya Pradesh. The district is bordered by other Districts that are Ratlam and Shajapur in the north, Dewas in the east, Indore and Dhar in the south and Ratlam in the west. Ujjain is an ancient town celebrated for the Mahakaleshwar temple located on the banks of holy Shipra.
- Ujjain, the district headquarters is also an important Railway junction. Nagda-Ujjain branch, Indore-Dewas-Ujjain branch, Ujjain-Bhopal broad gauge line and Khandwa-Ratlam-Ajmer metre gauge line of the Western Railway are the rail links passing through Ujjain. Mehidpur, Khachrod, Bamagar and Tarana are some of the important towns in the district that are connected by state highways. NH-148 (Ujjain-Dewas), NH-148 NG (Ujjain-Garoth), NH-752 D (Ujjain- Badnawar) & NH-552G (Ujjain-Jhalawad) are the main National Highways crossing from Ujjain and giving a better road connectivity to other districts & States.
- Geomorphologically, the district forms part of Malwa Plateau slopping towards north with height ranging from 465 to 520 m. The maximum elevation of 561m and minimum elevation of 465 m above msl are observed in the western and northwestern part of the district, respectively. Northerly flowing Chambal river and its tributaries Chamla, Gambhir, Kshipra, Khan and ChhotiKalisindh rivers drain the area.
- Ujjain is a district in the Madhya Pradesh State of India. Total area of Ujjain is 6130.23 km² including 5,896.79 km² rural area and 194.21 km² urban area. The hilly & forest area in it is about 190.90 km. The mappable area or recharge worthy area is 5939.33 sq km (95%).



1.1 Historical Information about Ujjain :-

- Ujjain is a historical and religious city and it is 184 km. away from Bhopal the capital of M.P. Various names of Ujjain is mention in Skand Puran. Some of well known ancient time's famous names are Avantika, Vaishali, Ujjaini, Shivpuri, Amravati, Shrivishala, Kusharthali, Kanakshringa, Padamavati and PratiKalpa etc. In Greek Literature It is also mentioned as Ozhen.
- The Emperor Ashoka built a huge stupa in Ujjain for Vaishyaputri (the merchant's daughter) queen Mahadevi presently it is known as "Vaishytekari" located in village kanipura, Tehsil Ujjain.
- Being a part of the British, like all the princely states from 1857 to 1947, Ujjain was also under the protection of the Maratha princely state and it was merged into a unified india. Ujjain district remained under Indore division from 1950 to 1977. On 26 January 1977, the Madhya Pradesh government formed th Ujjain division. At present this district is famous all over India from the point of view of astrology, religious science and cultural. Swayambhu Mahakal is one of the 12 Jyotirlingas. Ujjain is also important from the geographical point of view organized every 12 years. The Tropic of Cancer is recognized here and in the Panchag of Ujain all over the world. It is famous as the center of time calculation from the Dongla area of Ujjain Ditriect.
- The World famous "Mahakaleshwar Jyotirling" is situated in Ujjain. This is one of the greatest jyotirlinga among all the twelve. Its "Bhasma Aarti" is famous in the world. "Kumbha Parva" Which is also known as "Simhasta" is also celebrated after an each interval of 12 years. It is assumed that "Amrit" Dropped in four places during "Samudra Manthan" Ujjain is one of them. Lord Krishna and his brother Balram also came here for studies "Maharshi Sandipani" was the Guru ji. Great king Ashoka, bhatrathar and Vikramaditya have ruled the Ujjain time to time. King Vikramaditya was famous for his "judgenments" (Simhasan Battisi). Ujjain is the birthplace of great Sanskrit poet "Kalidas" and also great mathematician "Varahamihir".

1.2 Administrative units & General Information of district:-

- Ujjain district consists of 11 Tehsils namely Ujjain Urban, Ujjain Rural, Ujjain Kothi Mahal, Ghatiya, Tarana, Makdone, Mahidpur, Jharda, Badnagar, Khachrod and Nagda. Number of Blocks in the district is 6 (consisting of 31 Police Stations). At present, after the delimitation of parliamentary and legislative assembly constituencies, there are 07 Vidhan Sabha constituencies in


this district: Ujjain (North), Ujjain (South), Khachrod-Nagda, Mahidpur, Tarana, Ghatiya, and Badnagar.

Table 1:- Block wise detail

S.No.	Block	Area in Sq Km	No. of Villages	No. of Panchayats
1.	Ujjain	759.64	156	87
2.	Badnagar	1235.95	193	108
3.	Ghatiya	641.63	128	69
4.	Nagda-Khachrod	1101.78	224	134
5.	Mahidpur	1134.53	227	121
6.	Tarana	1065.8	216	111
Total		5939.33	1144	630

Table 2:- Tehsil wise details of Revenue circles and Grampanchayat wise Patwari head quarters & no. of villages their in under


S.No.	Tehsil	RI Circle	Patwari HQs according to Gram Panchayats			No. of Villages under Patwari Halkas		
			Rural	Urban	Total	Inhabited	Deserted	Total
1	2	3	4	5	6	7	8	9
1	Ujjain	4	73	0	73	124	0	124
2	Ujjain Nagar	3	0	7	7	16	0	16
3	Kothimahal	3	3	4	7	16	0	16
4	Gathiya	4	69	0	69	128	0	128
5	Khachrod	4	67	1	68	110	0	110
6	Nagda	4	63	3	66	114	0	114
7	Badanagar	6	107	1	108	192	1	193


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

8	Mahidpur	3	60	1	61	114	0	114
9	Jharda	3	60	0	60	113	0	113
10	Tarana	3	59	1	60	112	2	114
11	Makdone	3	48	3	51	101	1	102
Total		40	609	21	630	1140	4	1144

Table 3 :- Tehsil wise details of Land areas, No. of Survey no.s & Populations:-

S.No.	Tehsil	Total Geographical area (In ha.)				Total Survey No.s	Total entries of Survey No.s	Total	Population (Census 2011)
		Pvt. area	Forest area	Revenue area	Total area				
1	2	3	4	5	6	7	8	9	10
1	Ujjain	56420	369	8807	65596	65922	167581	37283	150917
2	Ujjain Nagar	5406	258	1806	7470	9085	14083	4662	521649
3	Kothimahar	3625	0	1244	4869	4411	8047	2885	
4	Gathiya	54075	217	7056	61348	62851	101080	42427	138861
5	Khachrod	55987	0	7732	63719	94039	121934	43241	161270
6	Nagda	56503	0	9046	65549	75627	115214	43423	237996
7	Badanagar	110600	0	12995	123595	109298	171896	67793	269573
8	Mahidpur	50170	0	6136	56306	65786	87522	36490	151736
9	Jharda	50132	0	7015	57147	67669	89969	35444	107563
10	Tarana	46535	1201	5344	53080	70298	100605	35101	143549
11	Makdone	44017	1104	6074	51195	61253	89648	30541	103750
Total		533470	3149	73255	609874	686239	1067579	379290	1986864


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

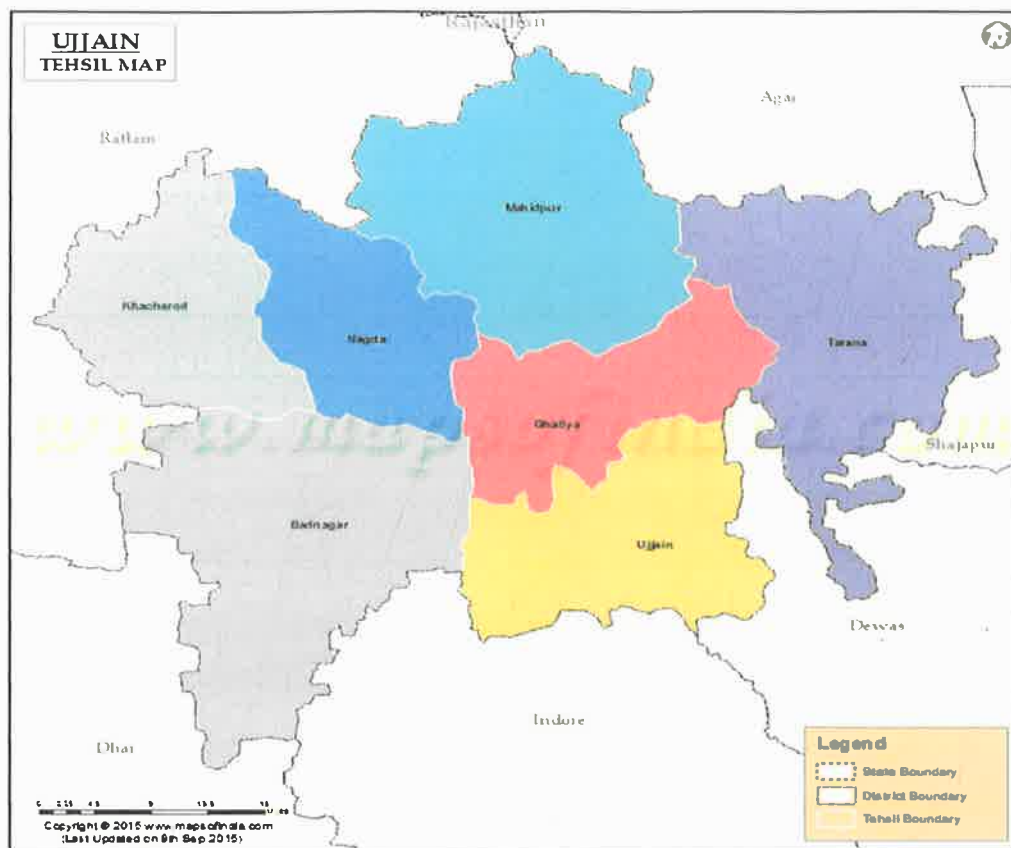


Fig 2: Tehsil map of District Ujjain

2. OVERVIEW OF MINING ACTIVITY IN THE DISTRICT:-

- Minerals are the back bone of the economy of the country. It plays an important role in development. Land and water are the basic aspects of the development of any economy. Economic development is the Output of development of these natural resources in a sustainable manner.
- District is well endowed with fabulous amount of building material like sand, Basaltic stone (gitti stone), Murram and Soil. Numerous stone crushers, brick units as small scale mineral based industries are in operation in Ujjain district.
- In the district Ujjain there is 52 areas of Sand are Identified and Notified for the purpose of Auction Quarry and as a whole, a sum total of 52 leases having 345.347 hectare area , consumes only 0.0566 % area of the district.

3. LIST OF PROPOSED SAND AREAS (Auction Quarries):-

क्र.	ग्राम	तहसील	खसरा क्र.	रकबा (हे)	मात्रा	Location of Area (Latitude & Longitude)
1	हमीरखेडी	उज्जैन	1	5.97	2700	1- N23°02' 51.57" E 75°37' 35.75" 2- N23°02' 51.81" E 75°37' 36.47" 3- N23°02' 25.77" E 75°37' 21.00" 4- N23°02' 26.42" E 75°37' 21.84"
2	टकवासा	उज्जैन	1	7.4	2808	1- N23°03' 51.34" E 75°37' 43.72" 2- N23°03' 50.06" E 75°37' 44.95" 3- N23°03' 22.93" E 75°37' 00.08" 4- N23°03' 23.54" E 75°36' 58.74"
3	पिपल्याराघो	उज्जैन	1, 3, 11, 12, 13, 15, 41, 54	7.88	2364	1- N23°05' 58.17" E 75°48' 05.89" 2- N23°05' 59.34" E 75°48' 07.57" 3- N23°05' 29.93" E 75°48' 47.24" 4- N23°05' 29.20" E 75°48' 45.91"
4	सेवरखेडी	उज्जैन	190 , 189	9.71	2955	1- N 23°03' 36.09" E 75°51' 48.31" 2- N 23°03' 37.73" E 75°51' 49.50" 3- N 23°03' 15.41" E 75°52' 35.15" 4- N 23°03' 13.46" E 75°52' 34.86"
5	आलमपुर उडाना नं. 1 व 2	उज्जैन	508, 360, 489	6.97	2091	1- N 23°03' 03.24" E 75°52' 43.80" 2- N 23°03' 03.88" E 75°52' 45.51" 3- N 23°02' 40.73" E 75°52' 46.91" 4- N 23°02' 21.36" E 75°52' 09.69" 5- N 23°02' 20.38" E 75°52' 08.36" 6- N 23°02' 41.74" E 75°52' 44.58"
6	पंथपिपलाई	उज्जैन	1	9.36	2808	1- N 23°03' 20.33" E 75°49' 14.47" 2- N 23°03' 20.05" E 75°49' 16.03" 3- N 23°02' 43.25" E 75°49' 27.35" 4- N 23°02' 14.49" E 75°48' 54.64" 5- N 23°02' 15.01" E 75°48' 53.47" 6- N 23°02' 43.32" E 75°49' 25.66"
7	निनौरा 2	उज्जैन	347	8.57	2571	1- N 23°06' 06.15" E 75°49' 42.84" 2- N 23°06' 06.34" E 75°49' 44.28" 3- N 23°05' 30.70" E 75°50' 06.55" 4- N 23°05' 15.45" E 75°50' 00.17" 5- N 23°05' 14.00" E 75°50' 00.19" 6- N 23°05' 30.78" E 75°50' 04.39"
8	गोयलाखुर्द नं. 4	उज्जैन	1 / 189	5.947	6750	1- N 23°9' 19.49" E 75°46' 42.80" 2- N 23°9' 20.24" E 75°46' 44.62" 3- N 23°9' 41.09" E 75°46' 18.26" 4- N 23°9' 42.87" E 75°46' 19.85"



9	तुमडावदा	घटिहिया	197,437	4.66	3000	1- N 23°15'28.15" E 75°37'31.39" 2- N 23°15'27.90" E 75°37'22.38" 3- N 23°15'00.79" E 75°37'58.91" 4- N 23°14'59.32" E 75°37'58.20"
10	श्रीवच्छ	खाचरौद	632 , 511	9.24	1900	1- N 23°31'16.17" E 75°12'30.29" 2- N 23°31'15.89" E 75°12'30.66" 3- N 23°30'42.04" E 75°13'10.16" 4- N 23°30'42.48" E 75°13'09.49" 5- N 23°30'13.34" E 75°13'15.78" 6- N 23°30'13.12" E 75°13'15.39"
11	पाडसूतिया	खाचरौद	99,234 381,496, 98 / 648	14.30	3000	1- N 23°29'18.02" E 75°19'15.13" 2- N 23°29'15.33" E 75°19'09.18" 3- N 23°29'55.16" E 75°19'01.66"
12	देहटा	बडनगर	1	5.000	2000	1- N 23°17'54.40" E 75°26'30.87" 2- N 23°17'53.93" E 75°26'32.36" 3- N 23°17'53.41" E 75°26'33.98" 4- N 23°17'52.03" E 75°26'68.14"
13	देहटा (चम्बल नदी)	बडनगर	100,124	4.970	2500	1- N 23°17'53.19" E 75°26'29.94" 2- N 23°17'54.16" E 75°26'31.66" 3- N 23°17'11.47" E 75°26'41.23" 4- N 23°17'13.16" E 75°26'40.08"
14	अमलावदाबिका	बडनगर	170	7.870	8000	1- N 23°15'42.02" E 75°28'06.02"
15	अमलावद कला	बडनगर	177	5.000	2000	1- N 23°15'18.67" E 75°27'09.25" 2- N 23°15'18.99" E 75°27'11.01" 3- N 23°15'19.85" E 75°27'12.67" 4- N 23°15'20.86" E 75°27'13.27"
16	मालपुरा	बडनगर	1	4.960	18700	1- N 23°14'00.5" E 75°28'71.8"
17	मुरारखेडी	बडनगर	1,252	6.770	2015	1- N 23°13'33.14" E 75°29'04.17" 2- N 23°12'26.87" E 75°29'42.50"
18	मसवाडिया खालसा	बडनगर	145	8.080	30000	1- N 23°05'26.78" E 75°31'12.02" 2- N 23°05'29.53" E 75°31'10.97" 3- N 23°04'47.52" E 75°30'56.00" 4- N 23°04'47.29" E 75°30'58.6"
19	सिजावता	बडनगर	246 / 508	16.590	6900	1- N 23°12'05.80" E 75°27'52.22"
20	सेमलिया	बडनगर	291 / 149	6.100	2900	1- N 23°06'11.08" E 75°23'24.60" 2- N 23°06'11.13" E 75°23'25.30" 3- N 23°05'21.77" E 75°22'58.86" 4- N 23°05'22.20" E 75°22'58.75" 5- N 23°05'44.03" E 75°23'08.05"
21	अरन्यावेणा	महिदपुर	1	13.480	4044	1- N 23°38'42.36" E 75°36'36.73" 2- N 23°38'40.14" E 75°36'40.05" 3- N 23°38'13.97" E 75°36'22.10" 4- N 23°38'13.32" E 75°36'26.05"
22	पिपलियाभीम	महिदपुर	315	6.000	10000	1- N 23°36'18.68" E 75°36'18.68" 2- N 23°37'31.68" E 75°36'24.62" 3- N 23°37'59.51" E 75°36'24.21" 4- N 23°37'59.95" E 75°36'19.75"
23	बावलिया	महिदपुर	45	9.890	2969	1- N 23°36'29.95" E 75°36'30.63" 2- N 23°36'32.82" E 75°36'29.89" 3- N 23°36'00.34" E 75°36'48.08" 4- N 23°36'01.40" E 75°36'4.89"

(Signature)

24	बणी	महिदपुर	1	4.960	2500	1- N 23°32' 27.23" E 75°38' 25.14" 2- N 23°32' 28.61" E 75°38' 29.26" 3- N 23°32' 03.77" E 75°38' 22.83" 4- N 23°32' 04.19" E 75°38' 21.06"
25	बारापत्थर	महिदपुर	18	6.000	1800	1- N 23°29' 15.68" E 75°38' 29.56" 2- N 23°29' 13.40" E 75°38' 32.29" 3- N 23°28' 58.32" E 75°38' 19.47" 4- N 23°28' 55.39" E 75°38' 21.44"
26	रुद्रखेडा	महिदपुर	158	8.880	14100	1- N 23°28' 37.23" E 75°37' 40.18" 2- N 23°28' 39.27" E 75°37' 39.48" 3- N 23°28' 43.71" E 75°37' 58.14" 4- N 23°28' 46.91" E 75°37' 56.86"
27	चितावद	महिदपुर	988	12.500	3750	1- N 23°28' 20.94" E 75°36' 17.23"
28	धूलेट नं. 1 से 3	महिदपुर	1,86	9.000	2700	1- N 23°28' 14.96" E 75°36' 13.98" 2- N 23°28' 20.69" E 75°36' 24.65" 3- N 23°28' 22.09" E 75°36' 24.10" 4- N 23°28' 36.41" E 75°37' 31.21" 5- N 23°28' 34.93" E 75°37' 31.06"
29	बडगौव	महिदपुर	80	6.000	1800	1- N 23°26' 18.55" E 75°37' 14.16" 2- N 23°26' 11.10" E 75°37' 21.05" 3- N 23°26' 55.30" E 75°37' 44.13" 4- N 23°26' 21.12" E 75°37' 35.22" 5- N 23°26' 14.66" E 75°37' 18.45"
30	चिरमीयां	महिदपुर	229,500	4.500	2500	1- N 23°23' 31.72" E 75°38' 50.75" 2- N 23°23' 31.47" E 75°38' 53.05" 3- N 23°23' 07.16" E 75°38' 59.10" 4- N 23°23' 05.76" E 75°38' 58.41"
31	शेरपुर	महिदपुर	268	4.960	2500	1- N 23°22' 36.06" E 75°40' 41.03" 2- N 23°22' 41.01" E 75°40' 39.00"
32	चूनाखेडी	तराना	1	5.000	2150	1- N 23°32' 27.50" E 75°55' 39.06"
33	भडसिम्बां	तराना	436	9.770	4850	1- N 23°19' 55.21" E 76°0' 13.58" 2- N 23°19' 56.46" E 76°0' 14.16" 3- N 23°19' 55.21" E 76°0' 13.58" 4- N 23°19' 55.21" E 76°0' 13.58"
34	कायथा नं. 1 व 2	तराना	1,899, 828	6.890	3000	1- N 23°16' 27.01" E 76°01' 57.01"
35	बंजारी	तराना	78	7.200	2160	1- N 23°21' 57.56" E 76°12' 10.73" 2- N 23°21' 57.02" E 76°12' 11.79" 3- N 23°21' 29.73" E 76°11' 51.97" 4- N 23°21' 32.36" E 76°11' 35.75" 5- N 23°21' 33.44" E 76°11' 35.98"
36	मुण्डला	नागदा	1	5.000	2000	1- N 23°21' 34.21" E 75°29' 47.87" 2- N 23°21' 35.49" E 75°29' 47.82" 3- N 23°21' 36.62" E 75°29' 47.65" 4- N 23°21' 37.92" E 75°29' 47.47" 5- N 23°21' 38.27" E 75°29' 49.68" 6- N 23°21' 38.60" E 75°29' 51.74" 7- N 23°21' 38.86" E 75°29' 53.43" 8- N 23°21' 39.13" E 75°29' 55.12" 9- N 23°21' 39.40" E 75°29' 56.81" 10- N 23°21' 37.99" E 75°29' 55.90" 11- N 23°21' 36.64" E 75°29' 55.02" 12- N 23°21' 35.22" E 75°29' 54.11" 13- N 23°21' 33.75" E 75°29' 53.17" 14- N 23°21' 32.81" E 75°29' 52.55"

						15- N 23°21' 33.28" E 75°29' 50.98" 16- N 23°21' 33.78" E 75°29' 49.30"
37	हापाखेडा	नागदा	168	5.000	2000	1- N 23°27' 10.70" E 75°34' 38.91" 2- N 23°27' 10.41" E 75°34' 39.86" 3- N 23°26' 44.21" E 75°34' 48.48" 4- N 23°26' 42.78" E 75°34' 48.13"
38	गुराडिया सांगा	नागदा	718 / 855	5.000	2000	1- N 23°25' 06.74" E 75°36' 55.18" 2- N 23°25' 07.22" E 75°36' 56.15" 3- N 23°24' 49.17" E 75°37' 12.81" 4- N 23°24' 48.44" E 75°37' 11.92" 5- N 23°24' 34.34" E 75°37' 25.44"
39	इटावा	नागदा	129 / 298 / 274	5.000	2000	1- N 23°21' 49.10" E 75°35' 35.74" 2- N 23°21' 48.69" E 75°35' 35.97" 3- N 23°21' 19.48" E 75°35' 59.39" 4- N 23°21' 19.45" E 75°35' 58.83"
40	आलोट जागीर	नागदा	1 / 272	5.000	2000	1- N 23°25' 31.85" E 75°36' 44.15" 2- N 23°25' 30.28" E 75°36' 43.83" 3- N 23°25' 29.47" E 75°36' 45.84" 4- N 23°25' 13.46" E 75°36' 50.68" 5- N 23°24' 51.99" E 75°37' 10.97"
41	बैजनाथखेडी	खाचरौद	34, 290, 209	5.000	2000	1- N 23°22' 32.2" E 75°34' 34.7" 2- N 23°22' 03.9" E 75°34' 11.1"
42	परोल्या पदमा	नागदा	373	5.000	2000	1- N 23°22' 16.43" E 75°33' 53.41" 2- N 23°23' 31.73" E 75°34' 41.77"
43	सरवना उन्हेल	नागदा	986	5.000	2000	1- N 23°23' 40.75" E 75°34' 01.08"
44	जियाजीगढ	नागदा	218	5.000	2000	1- N 23°17' 03.87" E 75°37' 34.30" 2- N 23°17' 05.25" E 75°37' 35.75" 3- N 23°16' 53.21" E 75°37' 30.27" 4- N 23°16' 54.73" E 75°37' 29.81" 5- N 23°16' 40.61" E 75°37' 21.74"
45	सूरजाखेडी	नागदा	352	5.000	2000	1- N 23°18' 45.52" E 75°37' 18.62" 2- N 23°18' 17.70" E 75°37' 20.48"
46	गुराछा	नागदा	583	4.660	2000	1- N 23°24' 46.78" E 75°35' 25.93" 2- N 23°24' 45.28" E 75°35' 59.60" 3- N 23°24' 44.70" E 75°36' 00.26" 4- N 23°24' 45.50" E 75°35' 25.87"
47	करनावद	नागदा	385	1.660	800	1- N 23°22' 2.37" E 75°35' 10.23" 2- N 23°21' 58.08" E 75°35' 29.71" 3- N 23°51' 56.94" E 75°35' 29.65" 4- N 23°22' 1.42" E 75°35' 9.46"
48	पगारा	नागदा	229	2.650	1200	1- N 23°20' 12.40" E 75°36' 35.27" 2- N 23°20' 09.90" E 75°36' 38.35" 3- N 23°20' 07.98" E 75°36' 38.35" 4- N 23°20' 06.67" E 75°36' 39.35" 5- N 23°20' 05.18" E 75°36' 40.08"
49	झिरन्या उन्हेल	नागदा	1	1.000	2000	1- N 23°24' 23.32" E 75°34' 20.11" 2- N 23°24' 46.68" E 75°35' 16.30" 3- N 23°24' 45.92" E 75°35' 16.68" 4- N 23°24' 32.86" E 75°34' 20.94"
50	चिडीरावदिया	नागदा	1 / 358 / 529 / 554	5.000	2000	1- N 23°20' 04.92" E 75°33' 05.19" 2- N 23°20' 28.05" E 75°33' 14.50" 3- N 23°20' 15.85" E 75°33' 59.09" 4- N 23°20' 13.02" E 75°33' 14.19"
51	आलोट जागीर	नागदा	2	5.000	18500	1- N 23°24' 50.58" E 75°37' 8.97" 2- N 23°24' 51.99" E 75°37' 10.26" 3- N 23°25' 12.68" E 75°36' 50.68"

						4-N 23°25'31.85" E 75°36'44.15"
						5-N 23°25'30.28" E 75°36'43.83"
						6-N 23°25'29.47" E 75°36'45.84"
						7-N 23°25'13.46" E 75°36'53.10"
52	अरोलिया देवडा	नागदा	14	5.000	2000	1-N 23°22'18.67" E 75°34'19.65"
				345.347	217285	2-N 23°22'56.43" E 75°34'41.31"

Note :- The above Mension Location Details taken from the submitted Mining Plans of relative leases that are prepared by different-different RQPs, hence there may be possibility to differ some points from actual.


State Level Environment Impact
Assessment Authority, M.P.
 Farvi Parisar
 E-5, Arif Bhupel (M.P.)


3.1 PRE MANSOON & POST MANSOON DETAILS :-

क्र.	ग्राम (खदान नाम)	तहसील	खसरा क्र.	रकबा (हे)	मानसून के पूर्व मात्रा (घ०मी०)	मानसून उपरांत मात्रा (घ०मी०)
1	हमीरखेडी	उज्जैन	1	5.97	2700	4500
2	टकवासा	उज्जैन	1	7.4	2808	4680
3	पिपत्ताराघो	उज्जैन	1, 3, 11, 12, 13, 15, 41, 54	7.88	2364	3940
4	संवरखेडी	उज्जैन	190, 189	9.71	2955	4925
5	आलमपुर उडाना नं. 1 व 2	उज्जैन	508, 360, 489	6.97	2091	3485
6	पंथापिपलाई	उज्जैन	1	9.36	2808	4680
7	निनौरा 2	उज्जैन	347	8.57	2571	4285
8	गोयलाखुर्द नं. 4	उज्जैन	1/189	5.947	6750	11250
9	तुमडावदा	घटिहिया	197, 437	4.66	3000	5000
10	श्रीवच्छ	खाचरौद	632, 511	9.24	1900	3167
11	पाडसूतिया	खाचरौद	99, 234, 381, 496, 98/648	14.30	3000	5000
12	देहटा	बडनगर	1	5.000	2000	3334
13	देहटा (चम्बल नदी)	बडनगर	100, 124	4.970	2500	4167
14	अमलावदाविका	बडनगर	170	7.870	8000	13334
15	अमलावद कला	बडनगर	177	5.000	2000	3334
16	मालपुरा	बडनगर	1	4.960	18700	31167
17	मुरारखेडी	बडनगर	1, 252	6.770	2015	3359
18	मसवाडिया खालसा	बडनगर	145	8.080	30000	50000
19	सिजावता	बडनगर	246, 508	16.590	6900	11500
20	सेमलिया	बडनगर	291, 149	6.100	2900	4834
21	अरन्यावेणा	महिदपुर	1	13.480	4044	6740

22	मिथलियागीम	महिदपुर	315	6.000	10000	16667
23	बावलिया	महिदपुर	45	9.890	2969	4949
24	बणी	महिदपुर	1	4.960	2500	4167
25	वारापत्थर	महिदपुर	18	6.000	1800	3000
26	रुद्रखेडा	महिदपुर	158	8.880	14100	23500
27	चितावद	महिदपुर	988	12.500	3750	6250
28	धूलेट नं. 1 से 3	महिदपुर	1,86	9.000	2700	4500
29	वडगाँव	महिदपुर	80	6.000	1800	3000
30	चिरमीयां	महिदपुर	229,500	4.500	2500	4167
31	शेरपुर	महिदपुर	268	4.960	2500	4167
32	चूनाखेडी	तराना	1	5.000	2150	3584
33	भडसिम्वा	तराना	436	9.770	4850	8084
34	कायथा नं. 1 व 2	तराना	1,899,828	6.890	3000	5000
35	बंजारी	तराना	78	7.200	2160	3600
36	मुण्डला	नागदा	1	5.000	2000	3334
37	हापाखेडा	नागदा	168	5.000	2000	3334
38	गुराडिया सांगा	नागदा	7,18, 855	5.000	2000	3334
39	इटावा	नागदा	129,298,274	5.000	2000	3334
40	आलोट जागीर	नागदा	1,272	5.000	2000	3334
41	वैजनाथखेडी	खाचरोद	34, 290, 209	5.000	2000	3334
42	परोल्या पदमा	नागदा	373	5.000	2000	3334
43	सरवना उन्हेल	नागदा	986	5.000	2000	3334
44	जियाजीगढ	नागदा	218	5.000	2000	3334
45	सूरजाखेडी	नागदा	352	5.000	2000	3334
46	गुराछा	नागदा	583	4.660	2000	3334
47	करनावद	नागदा	385	1.660	800	1334

(Signature)

48	पगारा	नागदा	229	2.650	1200	2000
49	झिरन्या उन्हेल	नागदा	1	1.000	2000	3334
50	चिडीरावदिया	नागदा	1,358,529,554	5.000	2000	3334
51	आलोट जागीर	नागदा	2	5.000	18500	30834
52	अरोलिया देवडा	नागदा	14	5.000	2000	3334
				345.347		


 State Level Environment Impact
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3.2 PORTION OF THE REIVER OF STREAM RECOMMENDED FOR MINERAL CONCESSION AREA IN DISTRICT

S.No.	Name of the River or stream	Total Length in the District (in km)	Place of Origin	Altitude at origin (in meters)	Portion of the River or Stream Recommended for Mineral Concession	Khasra no./Area(in hact.)	Length of area recommended for mineral concession (in kilo meters)	Average width of area recommended for mineral concession (in meters)	Average Area recommended for mineral concession (in square meters x Average depth in Meters)	Average Volume recommended for mineral concession (in Cubic meter)	Minable mineral potential (in Cubic meters 60% of total mineral potential)	Minable mineral potential (in M.T 60% of total mineral potential)	Quantity of sand mineral produced per annum since last 3 years (in cu.m.)
1	Gambhir	60	Mansarovar Tank in Lunera village	560	Hameerkhedi	1/5.97	1.364	33	45012 X 0.1	4500	2700	3780	2018-19 1383 cu.m
2	Gambhir	60	Mansarovar Tank in Lunera village	560	Takwasa	1/7.4	1.56	30	46800 X 0.1	4680	2808	3931	Nil
3	Shipra	105	Kokri Bardi Hill Dewas	747	Piplyaragho	1,3,11,12, 13,15,41,54 / 7.88	1.126	35	39410 X 0.1	3940	2364	3310	Nil
4	Shipra	105	Kokri Bardi Hill Dewas	747	Sewarkhedi	190,189 / 9.71	2.345	35	82075 X 0.06	4925	2955	4137	Nil
5	Kshipra	105	Kokri Bardi Hill Dewas	747	Alampur Udana 1 & 2	508,360,489 / 6.97	1.556	32	49792 X 0.07	3485	2091	2927	Nil
6	Kshipra	105	Kokri Bardi Hill Dewas	747	Panthpiplai	1 / 9.36	2.675	25	66875 X 0.07	4680	2808	3931	Nil
7	Kshipra	105	Kokri Bardi Hill Dewas	747	Ninora	347 / 8.57	1.785	30	53550 X 0.08	4285	2571	3599.4	Nil

S.No.	Name of the River or stream	Total Length in the District (in km)	Place of Origin	Altitude at origin (in meters)	Portion of the River or Stream Recommended for Mineral Concession	Khasra no./Area(in hact.)	Length of area recommended for mineral concession (in kilo meters)	Average width of area recommended for mineral concession (in meters)	Average Area recommended for mineral concession (in square meters x Average depth in Meters)	Average Volume recommended for mineral concession (in Cubic meter)	Mineable mineral potential (in Cubic meters 60% of total mineable mineral potential)	Mineable mineral potential (in M.T 60% of total mineral potential)	Quantity of sand mineral produced per annum since last 3 years (in cu.m.)
1		3	4	5	6	7	8	9	10	11	12	13	14
8	Kshipra	105	Kokri Bardi Hill Dewas District	747	Goyalakhu rd	1/189 5.947	1	45	45000 X 0.25	11250	6750	9450	Nil
9	Gambhir	60	Mansarovar Tank in Lunera village	560	Tumdaw ada	197,437 / 4.66	1.421	22	31262 X 0.16	5000	3000	4200	Nil
10	Maleni	32	Sailana Ratlam District	485	Shrivach	632 , 511 / 9.24	3.48	13	45240 X 0.07	3167	1900	2660	Nil
11	Chamla	45	Dhar district	750	Padsutiya	99,234,38 1,496,98/ 648 / 14.30	3.33	30	9999 X 0.05	5000	3000	4200	Nil
12	Chambal	90	Janapao Indore district	854.3 5	Dehta	1 / 5.00	1.38	24	33336 X 0.1	3334	2000	2801	Nil
13	Chambal	90	Janapao Indore district	854.3 5	Dehta (Chambal River)	100,124 /4.970	1.488	20	29760 X 0.14	4167	2500	3500	Nil

State Level Environment Impact
Assessment Authority, M.P.

(F.O. O)
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S.No.	Name of the River or stream	Total Length in the District (in km)	Place of Origin	Altitude at origin (in meters)	Portion of the River or Stream Recommended for Mineral Concession	Khasra no./Area(in hact.)	Length of area recommended for mineral concession (in kilo meters)	Average width of area recommended for mineral concession (in meters)	Average Area recommended for mineral concession (in square meters x Average depth in Meters)	Average Volume recommended for mineral concession (in Cubic meter)	Mineable mineral potential (in Cubic meters 60% of total mineral potential)	Mineable mineral potential (in M.T 60% of total mineral potential)	Quantity of sand mineral produced per annum since last 3 years (in cu.m.)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
14	Chambal	90	Janapao Indore district	854.35	Amlawada bika	170 / 7.87	2.5	25	62500 X 0.21	13334	8000	11201	Nil
15	Chamla	45	Dhar district	750	Amlawada kalaan	177 / 5.00	1.45	23	33350 X 0.1	3334	2000	2801	Nil
16	Chambal	90	Janapao Indore district	854.35	Malpura	1 / 4.960	1.5	25	37500 X 0.83	31167	18700	26180	Nil
17	Chambal	90	Janapao Indore district	854.35	Murarkhe di	1,252 / 6.770	1.623	23	37329 X 0.09	3359	2015	2822	Nil
18	Chambal	90	Janapao Indore district	854.35	Maswadia Khalsa	145 / 8.080	1.2	50	60000 X 0.83	50000	30000	42000	Nil
19	Chambal	90	Janapao Indore district	854.35	Sijavata	246,508 / 16.590	2.52	45	113400 X 0.10	11500	6900	9660	Nil
20	Chamla	45	Dhar district	750	Semliya	291,149 / 6.100	2.417	20	48000 X 0.10	4834	2900	4061	Nil
21	Kshipra	105	Kokri Bardi Hill Dewas	747	Arnyaven a	1 / 13.480	1	67	67000 X 0.10	6740	4044	5662	Nil

State Level Environment Impact
Assessment Authority, M.P.

(F.O.C.O.)

Dr.

(L.P.)

S.No.	Name of the River or stream	Total Length in the District (in km)	Place of Origin	Altitude at origin (in meters)	Portion of the River or Stream Recommended for Mineral Concession	Khasra no./Area(in hact.)	Length of area recommended for mineral concession (in kilo meters)	Average width of area recommended for mineral concession (in meters)	Average Area recommended for mineral concession (in square meters x Average depth in Meters)	Average Volume recommended for mineral concession (in Cubic meter)	Mineable mineral potential (in Cubic meters 60% of total mineral potential)	Mineable mineral potential (in M.T 60% of total mineral potential)	Quantity of sand mineral produced per annum since last 3 years (in cu.m.)
1		2	4	5	6	7	8	9	10	11	12	13	14
22	Kshipra	105	Kokri Bardi Hill Dewas	747	Pipliyabim	315 / 6.00	1.9	40	76000 X 0.21	16667	10000	14000	Nil
23	Kshipra	105	Kokri Bardi Hill Dewas	747	Bawaliya	45 / 9.890	1	49	49000 X 0.10	4949	2969	4157	2018-19 1780 cu.m
24	Kshipra	105	Kokri Bardi Hill Dewas	747	Bani	1 / 4.960	0.92	45	41400 X 0.10	4167	2500	3500	Nil
25	Kshipra	105	Kokri Bardi Hill Dewas	747	Barapathe r	18 / 6.00	0.8	53	42400 X 0.07	3000	1800	2520	Nil
26	Kshipra	105	Kokri Bardi Hill Dewas	747	Rudrakhe da	158 / 8.88	1.3	50	65000 X 0.36	23500	14100	19740	Nil
27	Kshipra	105	Kokri Bardi Hill Dewas	747	Chitawad	988 / 12.50	1.8	43	77400 X 0.08	6250	3750	5250	Nil
28	Kshipra	105	Kokri Bardi Hill Dewas	747	Dhulet 1 & 3	1,86 / 9.00	2.57	25	64275 X 0.07	4500	2700	3780	Nil
29	Kshipra	105	Kokri Bardi Hill Dewas	747	Badgaon	80 / 6.00	1.8	24	43200 X 0.07	3000	1800	2520	Nil
30	Kshipra	105	Kokri Bardi Hill Dewas	747	Chirmiya	229,500 / 4.50	1.1	47	51700 X 0.08	4167	2500	3500	Nil
31	Kshipra	105	Kokri Bardi Hill Dewas	747	Sherpur	268 / 4.96	1	25	25000 X 0.16	4167	2500	3500	Nil

State Level Environmental Impact
Assessment Authority, M.P.
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S.No.	Name of the River or stream	Total Length in the District (in km)	Place of Origin	Altitude at origin (in meters)	Portion of the River or Stream Recommended for Mineral Concession	Khasra no./Area(in hact.)	Length of area recommended for mineral concession (in kilo meters)	Average width of area recommended for mineral concession (in meters)	Average Area recommended for mineral concession (in square meters x Average depth in Meters)	Average Volume recommended for mineral concession (in Cubic meter)	Mineable mineral potential (in Cubic meters 60% of total mineable mineral potential)	Mineable mineral potential (in M.T 60% of total mineral potential)	Quantity of sand mineral produced per annum since last 3 years (in cu.m.)
1		3	4	5	6	7	8	9	10	11	12	13	14
32	Choti Kali Sindh	109	Sia Village Dewas District	600-700	Chunakhe di	1 / 5.0	1	37	37000 X 0.09	3584	2150	3011	Nil
33	Choti Kali Sindh	109	Sia Village Dewas District	600-700	Badshimba	436 / 9.77	1.5	65	97500 X 0.08	8084	4850	6791	Nil
34	Choti Kali Sindh	109	Sia Village Dewas District	600-700	Kaytha 1 & 2	1,899,828 / 6.890	1.8	30	54000 X 0.09	5000	3000	4200	Nil
35	Lakhunder	8	Chandgarh hill Dewas District	490	Banjari	78 / 7.20	1.47	35	51450 X 0.07	3600	2160	3024	2018-19 540 cu.m
36	Kshipra	105	Kokri Bardi Hill Dewas	747	Mundala	1 / 5.00	1	47	47000 X 0.07	3334	2000	2801	2018-19 1252 cu.m
37	Kshipra	105	Kokri Bardi Hill Dewas	747	Hapakhed a	168 / 5.00	1.2	34	40800 X 0.08	3334	2000	2801	Nil
38	Kshipra	105	Kokri Bardi Hill Dewas	747	Guradiya sanga	7,18,855 / 5.00	1.49	28	41720 X 0.08	3334	2000	2801	Nil
39	Gambhir	60	Mansarovar Tank in Lunera village	560	Itawa	129,298.2 / 74 / 5.00	1.6	23	36800 X 0.09	3334	2000	2801	Nil

S.No.	Name of the River or stream	Total Length in the District (in km)	Place of Origin	Altitude at origin (in meters)	Portion of the River or Stream Recommended for Mineral Concession	Khasra no./Area(in hact.)	Length of area recommended for mineral concession (in kilo meters)	Average width of area recommended for mineral concession (in meters)	Average Area recommended for mineral concession (in square meters x Average depth in Meters)	Average Volume recommended for mineral concession (in Cubic meter)	Mineable mineral potential (in Cubic meters 60% of total mineable mineral potential)	M.T 60% of total mineral potential)	Quantity of sand mineral produced per annum since last 3 years (in cu.m.)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
40	Gambhir	60	Mansarovar Tank in Lunera village	560	Alotjagir	1, 272 / 5.00	1.59	30	47700 X 0.07	3334	2000	2801	Nil
41	Gambhir	60	Mansarovar Tank in Lunera village	560	Baijanathk hedi	34,290,209 / 5.00	1.6	26	41600 X 0.08	3334	2000	2801	Nil
42	Gambhir	60	Mansarovar Tank in Lunera village	560	Prolya Padma	373 / 5.00	1.64	29	47618 X 0.07	3334	2000	2801	Nil
43	Gambhir	60	Mansarovar Tank in Lunera village	560	Sarwana Unhel	986 / 5.00	1	41	41000 X 0.08	3334	2000	2801	Nil
44	Gambhir	60	Mansarovar Tank in Lunera village	560	Jiyajigad	218 / 5.00	1.7	49	83300 X 0.04	3334	2000	2801	2018-19 1500 cu.m

State Level Environment Impact
Assessment Authority, M.P.
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S.No.	Name of the River or stream	Total Length in the District (in km)	Place of Origin	Altitude at origin (in meters)	Portion of the River or Stream Recommended for Mineral Concession	Khasra no./Area(in hact.)	Length of area recommended for mineral concession (in kilo meters)	Average width of area recommended for mineral concession (in meters)	Average Area recommended for mineral concession (in square meters x Average depth in Meters)	Average Volume recommended for mineral concession (in Cubic meter)	Mineable mineral potential (in Cubic meters 60% of total mineable mineral potential)	Mineable mineral potential (in M.T 60% of total mineral potential)	Quantity of sand mineral produced per annum since last 3 years (in cu.m.)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
45	Gambhir	60	Mansarovar Tank in Lunera village	560	Surajakhe di	352 / 5.0	1.4	26	36400 X 0.09	3334	2000	2801	Nil
46	Gambhir	60	Mansarovar Tank in Lunera village	560	Guracha	583 / 4.66	1.6	30	48000 X 0.07	3334	2000	2801	Nil
47	Gambhir	60	Mansarovar Tank in Lunera village	560	Karnawad	385 / 1.66	0.6	27	16200 X 0.08	1334	800	1121	Nil
48	Gambhir	60	Mansarovar Tank in Lunera village	560	Pagara	229 / 2.65	0.48	52	24960 X 0.08	2000	1200	1680	Nil
49	Gambhir	60	Mansarovar Tank in Lunera village	560	Jhirniya Unhel	1 / 1.00	1.2	12	1400 X 0.23	3334	2000	2801	Nil
50	Kshipra	105	Kokri Bardi Hill Dewas	747	Chidirawa diya	1,358,529, 554/5.00	1.19	40	47600 X 0.07	3334	2000	2801	Nil
51	Kshipra	105	Kokri Bardi Hill Dewas	747	Alotjagir	2 / 5.00	1.4	27	37800 X 0.8	30834	18500	25901	Nil
52	Gambhir	60	Mansarovar Tank in Lunera village	560	Aroliya Dewda	14 / 5.00	1.4	30	42000 X 0.08	3334	2000	2801	Nil

4. DETAILS OF THE ROYALTY / REVENUE RECEIVED IN DISTRICT :-

S.No.	Financial Year	<u>Revenue (In Lakh)</u>
1	2017-18	923360
2	2018 – 19	1434150/-
3	2019 – 20	Nil
4	2020 – 21	Nil
5	2021 – 22	Nil

Note: - In FY 2021-22 there was no any working auction quarry in district

5. DETAILS OF PRODUCTION OF SAND OR BAJRI IN DISTRICT:-

S.No.	Financial Year	Production (In Cubic Metre)
1	2017-18	7731.8
2	2018 – 19	6410
3	2019 – 20	Nil
4	2020 – 21	Nil
5	2021 – 22	Nil

Note: - In FY 2019-20 there was no any working auction quarry in district


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

6. PROCESS OF DEPOSITION OF SEDIMENTS IN THE RIVERS OF THE DISTRICT:-

- Geologically the Entire area of district Ujjain falls in Ganga basin. The main river of the district is Chambal River whose tributaries are the Kshipra, Chhoti Kalisindh, Gambhir and Chamla River.
- The main river Chambal originates from a place known as JanapavKuti at an elevation of 854 m above mean sea level in the Indore district. The left banks tributaries of Chambal River are Bageri join the Chambal River at Nagda and Kurel River near Uri.
- The Chamla River originating from Dhar district joining Chambal River near village PiplodaSagoti Mata in Nagda - Khachrod tehsil.
- The holy Kshipra River originates from Kokri Bardi hill, which is about 11 km south-east of Indore.
- Khan River joins Chambal River near Ujjain and Gambhir River near Mahidpur.

There are three main types of processes that occur in a river. These are erosion, transportation and deposition. All three depend on the amount of energy there is in a river.

6.1 Erosion:-

- **Fluvial erosion** is the detachment of material of the river beds and the sides. Erosion starts when the flow energy of the water exceeds the resistance of the material of the river beds and banks. Flow energy depends on depth of water and gradient and thus of stream velocity. The bed and banks can be eroded making it wider, deeper and longer.
- **Headward erosion** makes a river longer. This erosion happens near its source.
- Surface run-off and through flow causes erosion at the point where the water enters the valley head.
- **Vertical erosion** makes a river channel deeper. This happens more in the upper stages of a river, the V-shaped valleys are created in upper stages.
- **Lateral erosion** makes a river wider. This occurs mostly in the middle and lower stages of a river.

There are four main processes of erosion that occur in rivers. These are:

- 1. Hydraulic Action;**
- 2. Abrasion / Corrosion;**
- 3. Attrition; and**
- 4. Corrosion**

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6.1.1. Hydraulic Action:- The pressure of water breaks away rock particles from the river bed and banks. The force of the water hits river banks, and then pushes water into cracks.

Air becomes compressed; pressure increases and the riverbank may, in time collapse. Where velocity is high e.g. the outer bend of meander, hydraulic action can remove material from the banks which may lead to undercutting and river bank collapse. Near waterfalls and rapids, the force may be strong enough to work on lines of weakness in joints and bedding planes until they are eroded.

6.1.2 . Abrasion / Corrosion:-

The sediment carried by a river scours the bed and banks. Where depressions exist in the channel floor the river can cause pebbles to spin around and turn hollows into potholes.

6.1.3. Attrition:-

Eroded rocks collide and break into smaller fragments. The edges of these rocks become smoother and more rounded. Attrition makes the particles of rock smaller. It does not erode the bed and bank. Pieces of river sediment become smaller and more rounded as they move downstream.

6.1.4. Corrosion / Solution:-

Carbon dioxide dissolves in the river to form a weak acid. This dissolves rock by chemical processes. This process is common where carbonate rocks such as limestone and chalk are evident in a channel.

6.2. Transportation:-

Transportation of material in a river begins when friction is overcome. Material that has been loosened by erosion may be then transported along the river. There are four main processes of transportation. These are:

1. Suspension / suspended load;
2. Solution / solution load;
3. Saltation; and
4. Traction.

6.2.1. Suspension :- Lighter sediments are suspended (carried)with in the water,most commonly near the mouth . It is when material made up of very fine particles such as clay and silt is lifted as the result of turbulence and transported by the river. Faster-flowing, turbulent rivers carry more suspended material. This is why river appear muddy as they are approaching bank full discharge and towards the mouth of the river (where velocity is greater as is the occurrence of finer sediment).

6.2.2. Solution :- It is when dissolved material is carried by a river. This often happens in areas where the geology is limestone and is dissolved by slightly acidic water. This varies along the river course depending on the presence of soluble rocks.

6.2.3. Saltation:-

It is when material such as pebbles and gravel that is too heavy to be carried in suspension is bounced along the river by the force of the water.

6.2.4. Traction:-

It is when large materials such as boulders/pebbles are rolled and pushed along the river bed by the force of the river. This is most common near the source of a river, as here the load is larger. The transportation in a river is in the form of traction, saltation and suspension. The capacity of a river is the total load of a river can transport at a given point.

6.3 Deposition:-

Deposition is the processes where material being transported by a river is deposited. Deposition occurs when a river loses energy. This can be when a river enters a shallow area (this could be when it floods and comes into contact with the flood plain) or towards its mouth where it meets another body of water.

Rivers flood on a regular basis. The area over which they flood is known as the floodplain and this often coincides with regions where meanders form. Meanders support the formation of flood plains through lateral erosion.

When rivers flood the velocity of water slows. As the result of this the river's capacity to transport material is reduced and deposition occurs. This deposition leaves a layer of sediment across the whole floodplain. After a series of floods layers of sediment form along the flood plain.

Larger material and the majority of deposition occur next to the river channel. This is the result of increased friction (with the flood plain) causing the velocity of the river to slow and therefore rapidly reduce its ability to transport material. This leaves a ridge of higher material next to the river channel on both banks of the river known as a levee.

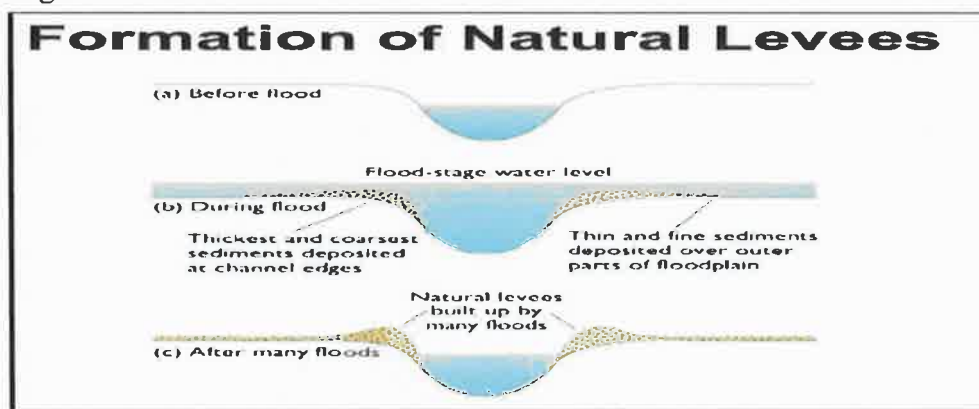


Fig - 3 Formation of Natural Levees:

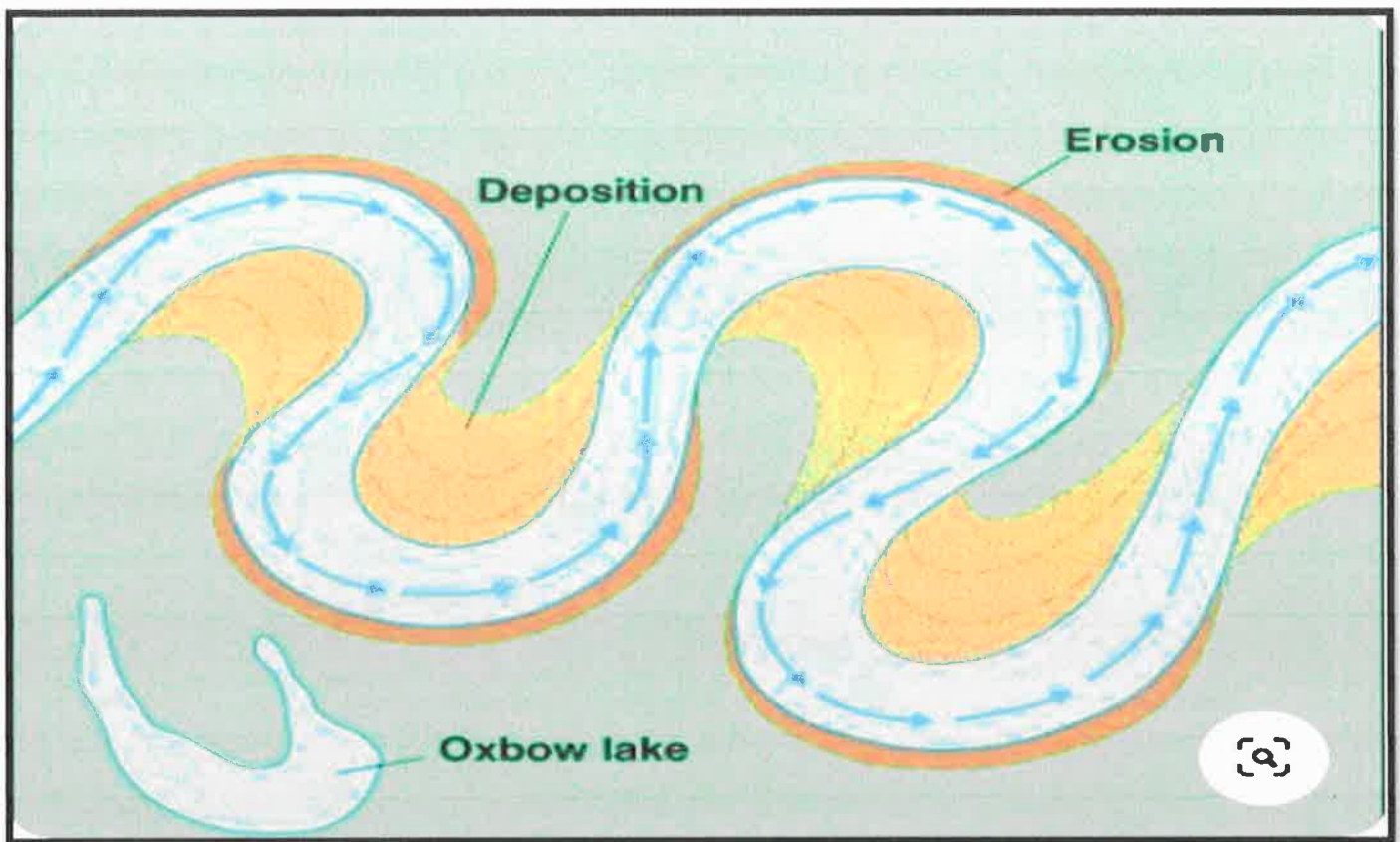


Fig -4 Deposition of sediments

Inside of Bend :- Where there is less water on the inside there is more friction and slower flowing water resulted Deposition.

Outside of Bend :- Fast flowing water with lots of energy is directed to the outer bank resulted Erosion.

Due to Erosion on the outside of a bend and deposition on the inside, the shape of a meander will change over a period of time. Notice how erosion narrows the neck of the land within the meander. In time, and usually during a flood, the river will cut right through the neck. The river will then take the new, shorter route. The fastest current, called the thalweg, will now tend to be in the centre of the river, and so deposition is likely to occur in gentler water next to the banks. Eventually deposition will block off the old meander to leave an oxbow lake.

State Level *Edhawa* Environment Impact
Assessment Authority, M.P.
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Chandrabhai Nagar
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Chambal sub basin of Ganga basin :-

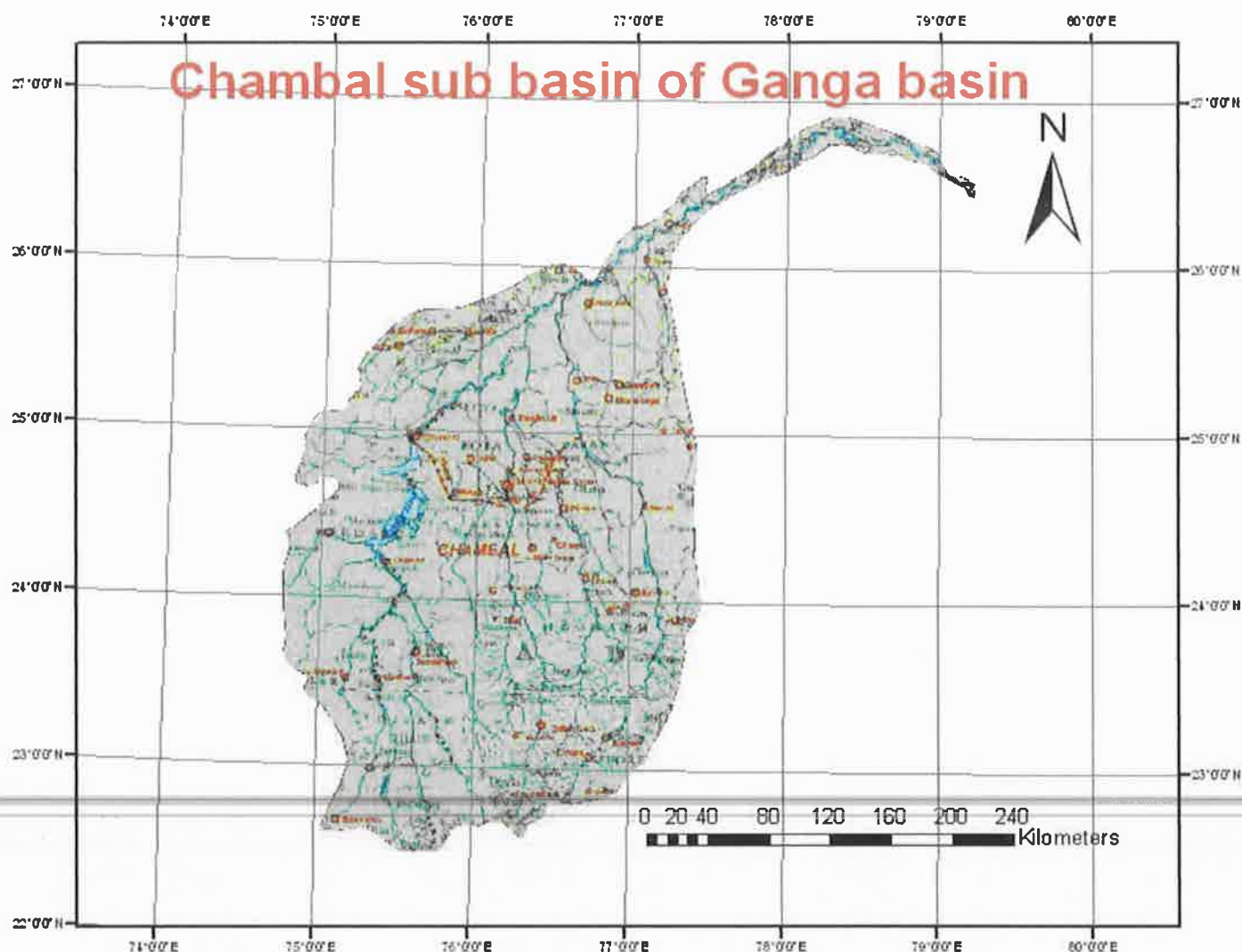


Fig.-5 Chambal sub basin of Ganga basin

The Chambal River, called Charmanvati in ancient times, is the largest of the rivers flowing through M.P., U.P. and Rajasthan state. This tributary of Yamuna is 960 km long.

The total area drained by Chambal river up to its confluence with the Yamuna is 143,219 sq.km out of which 76,854 sq.km lies in Madhya Pradesh state, 65,264 sq.km in Rajasthan state and 1,101 sq.km in Uttar Pradesh state. The Chambal basin lies between the longitudes 73°20'E and 79°15'E and latitudes 22°27'N and 27°20'N.

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7. GENERAL PROFILE OF THE DISTRICT:-

S.No.	Items	Statistics	
1.	General Information		
	i) Geographical area	6091 Km ² (609874 ha.)	
	ii) Administrative Divisions		
	No. of Tehsil/Blocks	11/06	
	No. of Panchayats	630	
	Number of Villages	1144	
	iii) Population (Census 2011)	1,986,597	
	iv) Normal Rainfall	914.5 mm	
2.	Geomorphology		
	i) Physiographic Units:-	i. Malwa plateau	
	ii) Major Drainage:-	Ganga Basin I. Kshipra River II. Chhoti Kali Sindh III. Gambhir IV. Chambal V. Chamla	
3.	Land Use	Area (hact.)	
	I. Private land	533470	
	II. Revenue Land	73255	
	III. Forest Land	3149	
	IV. Total Crop Area (Kharif & Rabi)	1023873	
4.	Major Soil Types	Black cotton soil and Regur (Red and Yellow)	
5.	Principal Crops	Soyabean, Gram, Wheat	
6.	Irrigation by Different Sources	No.	Area irrigated (000ha)
	Dug wells	30330	63693
	Tube wells/Bore wells	97292	301605.2
	Tanks/Ponds	77	1014.09
	Canals	37	930.18
	Other Sources	-	19.77
	Net Irrigated Area	-	367262.24
	Gross irrigated area	-	367262.24

S.No.	Items	Statistics
7	Predominant Geological Formations	1. Alluvium 2. Deccan Trap basalts
8	Hydrogeology	
	Major water bearing formation	Alluvium weathered, vesicular and fractured basalt
	Pre-monsoon depth to water level range during 2021	14.00 to 23.00 m bgl
	Post-monsoon depth to water level range during 2021	2.00 to 9.20 m bgl
	Long term depth to water level range during 2021	0.39 to 0.45 m/yr (fall)
9	Ground Water Quality	
	Presence of Chemical constituents more than permissible limit (e.g. EC, F, As, Fe)	EC -707 to 3680 gs/cm at 25 C. Nitrate- 22 to 113 Flouride-0.45 to 1.88
10	Dynamic Ground Water Resources (2019-20)	Ham
	Net Annual Ground Water availability	84551
	Existing Gross Ground Water Draft	96470
	Projected Demand for Domestic and Industrial uses up to 25 years	845.51
	Stage of Ground Water Development	106%
11	Ground Water Control and Regulation	
	Number of Over-Exploited Blocks	3- Ujjain, Ghatia and Badnagar
	Number of Semi-Critical Blocks	2- Mahidpur and Khachrod
	Number of Safe Blocks	1- Tarana
12	Major Groundwater Problems and Issues	1. Depletion of groundwater levels, 2. Over- Exploitation of G.W. 3. Quality of Ground water at Nagda

8. LAND UTILIZATION PATTERN IN THE DISTRICT :-

PARTICULARS		Area (Hact.)
Agriculture	Total Crop land	1023873
	Current Shifting cultivation	-
	Fallow	-
	Plantation	-
Barren/unculturable/ Wastelands	Barren Rocky	5700
	Falling Land	2760
	Salt Affected Land	-
	Sandy Area	-
	Scrub Land	392.87
Mining	Sand mineral	345.347
	Minor mineral (Except sand)	1413.47
	Total	1758.817
Forest	Deciduous	4.08
	Evergreen/Semi evergreen	-
	Forest Plantation	-
	Scrub Forest	-
	Swamp / Mangroves	-
Grass/Grazing	Grass/Grazing	20564
Snow and Glacier	Snow and Glacier	-
Water bodies	Ponds	9159
	Canals	9220
	Wells	44321
	Tubewells	387118
	Other	27532


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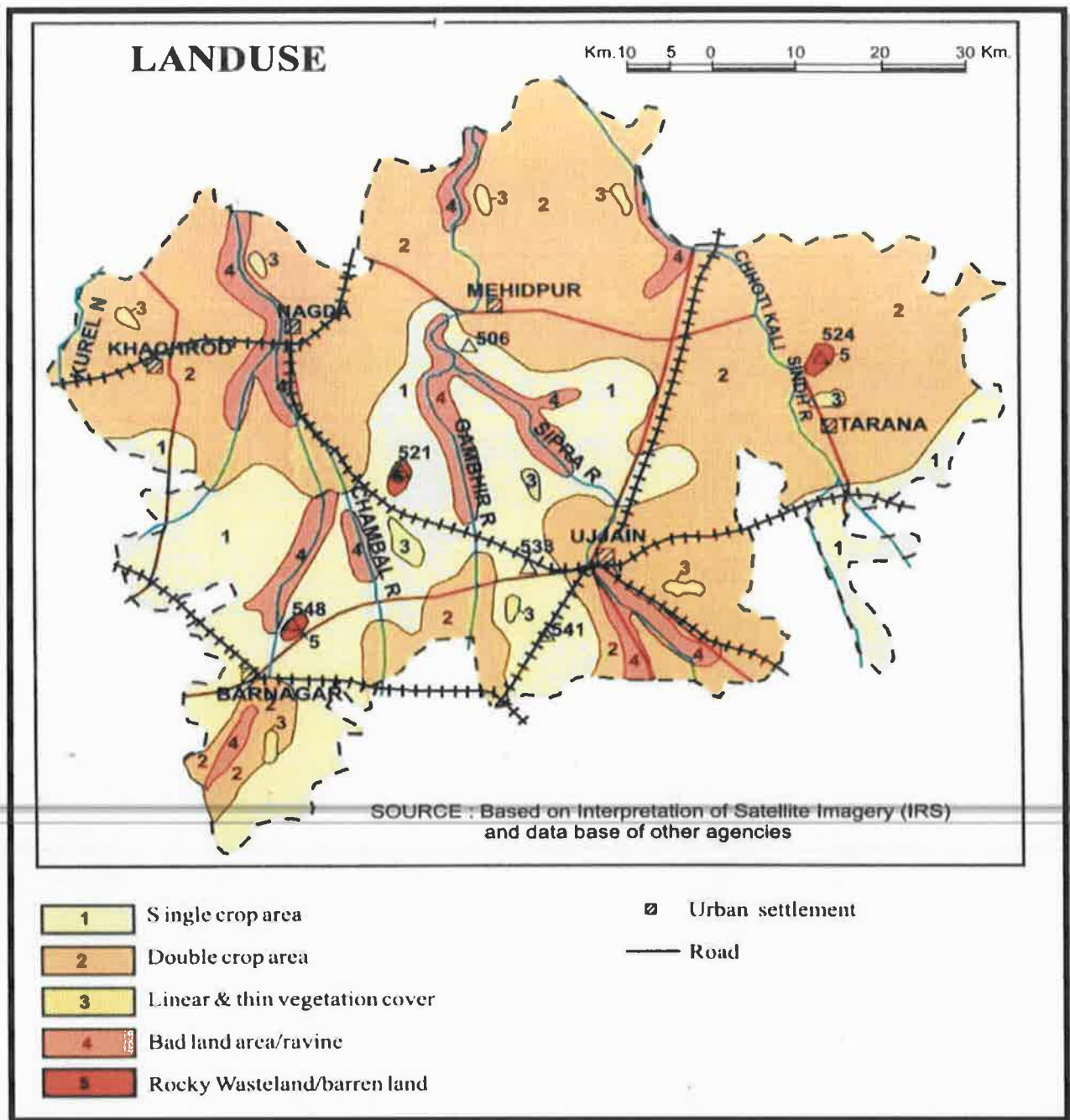


Fig 6: Land Use of the District

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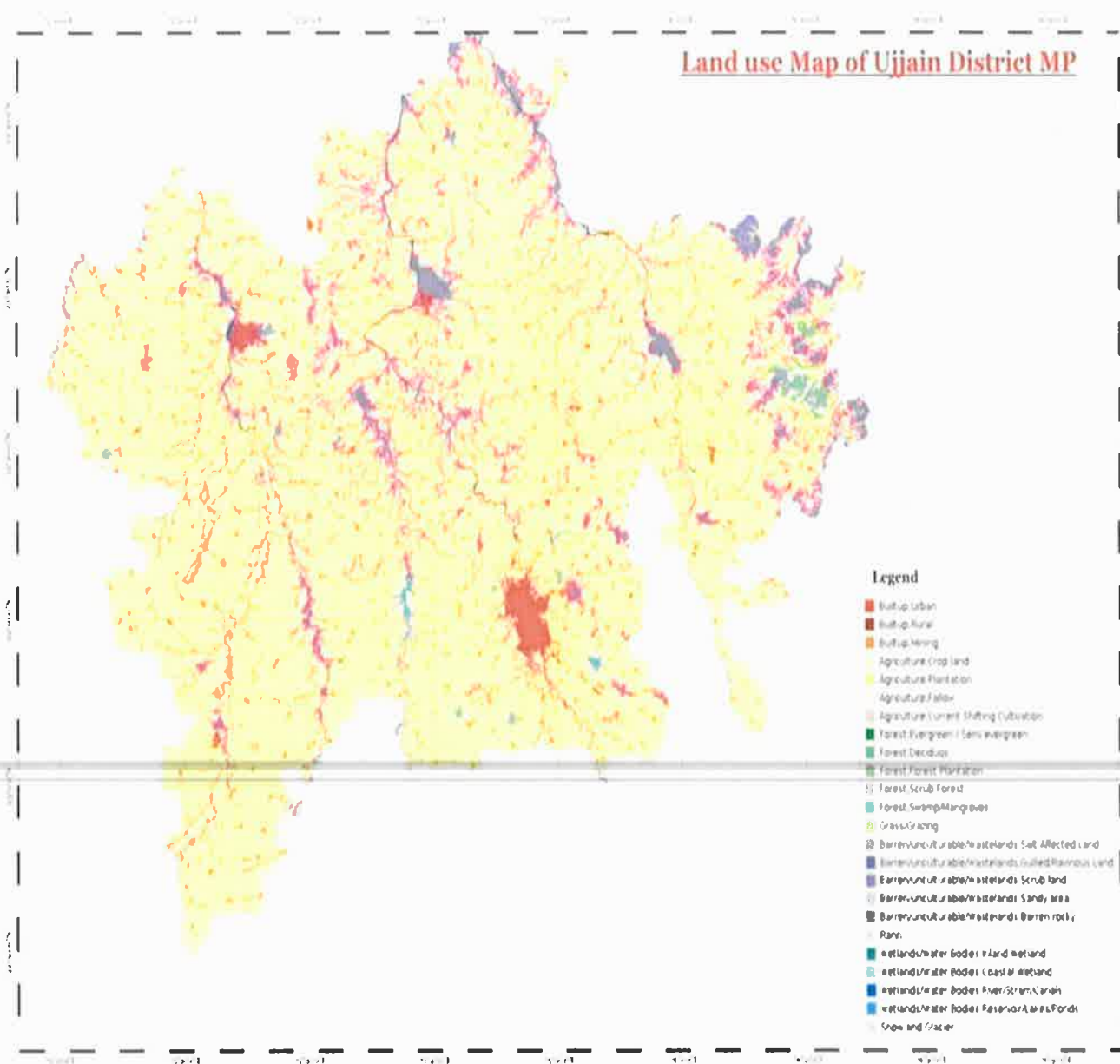


Fig :7 Land Use and Land Cover Map of the District

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 (E-5)
 Farmanan Parisar
 E-5, I.I.T. Road, Bhopal (M.P.)

8.1. BRIEF INFORMATION ABOUT FOREST IN UJJAIN DISTRICT:-

Sr. No.	Particulars	
1	Establishment of Forest Division	Year 1997
2	Re-formation of Forest Division	Year 1982
3	Sub Divisions	02
4	Environmental forestry unit (working)	01
5	Notified Area	4024.14 Ha.
6	Unclassified forest	183.84 Ha.
7	Forest Bloks	18
8	Total forest area in Bloks	42.07 km ²
9	Forest area in Tehsil Ujjain	2.410 Ha.
10	Forest area in Tehsil Ghattiya	673.780 Ha.
11	Forest area in Tehsil Khachrod	53.481 Ha.
12	Forest area in Tehsil Tarana	2297.44 Ha.
13	Forest area in Tehsil Makdone	1273.47 Ha.
14	Vilages under 5km from forest boundary	67
15	Gram Van Samiti	21 (D- grade)

टीप :-

वनमण्डल उज्जैन अन्तर्गत समूह - 5 के उष्ण कटिबंधीय शुष्क पर्णपाती वन हास अवस्थाओं के आधार पर डीएस-1 शुष्क पर्णपाती झाड़ी वन एवं डीएस-1 शुष्क घास वन पाए जाते हैं। वनमण्डल उज्जैन के वनों का वनक्षेत्र विहीन होकर झाड़ियों के रूप में है जिसका घनत्व 0.0 से 0.2 तक है।


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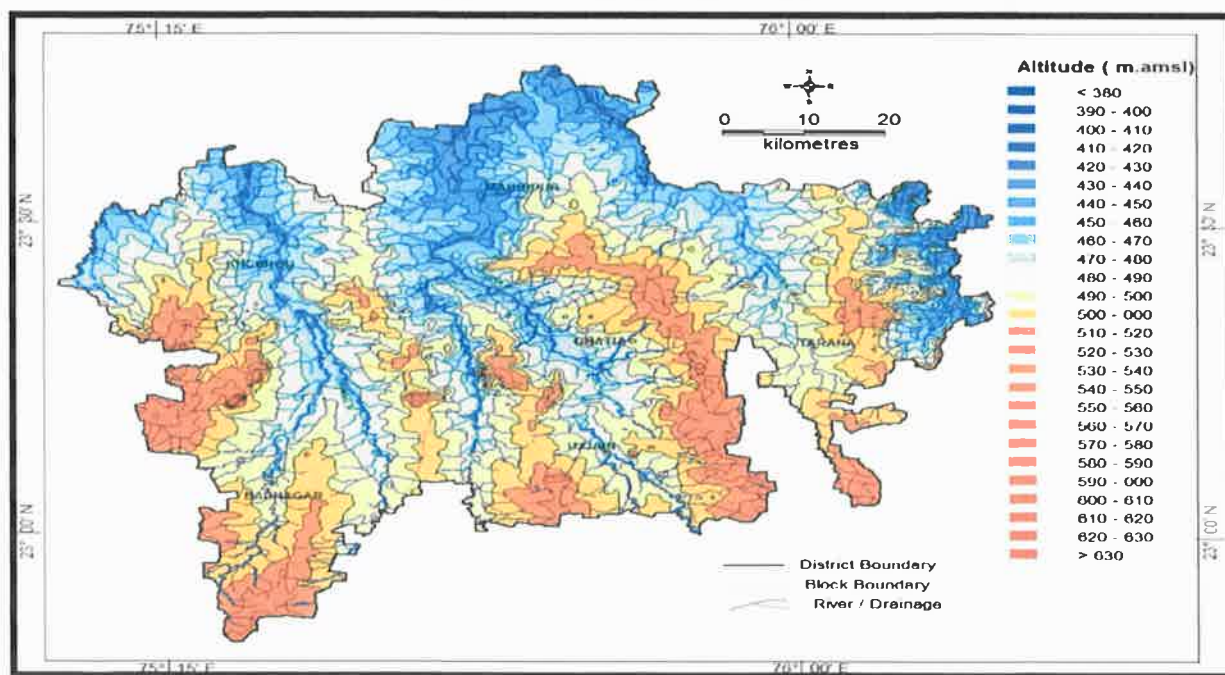
9. PHYSIOGRAPHY OF THE DISTRICT:-

- Topography of the Ujjain district is highly rugged and undulating comprising hills, dissected plateau, valley and flats. Ujjain is located in the west-central part of India, and is north of the upper limit of the Vindhya Mountain ranges. Located on the Malwa plateau. It is higher than the north Indian plains and the land rises towards the Vindhya ranges to the south. It is having an average elevation of 494 m (1620 ft). The region is an extension of the Deccan Traps formed between 60 to 68 million years ago at the end of the Cretaceous Period.
- Topographically the district area can be divided into two Physiographic Units, one is Undulating Plains and another is Low altitudes ridges & mounds.
- The maximum elevation of about 555.2 m amsl is observed in the area of Badnagar block on a hill situated in village Bardia and lowest elevation is <380 m amsl in the Khachrod & Mahidpur block area in the North of Ujjain district.

Table:- Max & min Elevations of the district Ujjain.

S.No.	Block	Elevation M. amsl		
		Max.	Min.	Diff.
1	Badnagar	552.2	471.5	83.5
2	Ghatia	528.5	465.5	63.5
3	Khachrod	530.1	441.4	88.6
4	Mahidpur	518.7	436.1	82.9
5	Tarana	521.5	420.0	102
6	Ujjain	537.7	462.7	75.3

Fig-8 Elevation profile of the district



10. Climatic condition & Rainfall of the district:-

- Ujjain has a humid subtropical climate, with mild, dry winters, a hot summer and a humid monsoon season.
- Summers start in late April and go on till mid-June, the average temperature being around 30°C (86°F), with the peak of summer in May, when the highs regularly exceed 40°C (104°F).
- The monsoon starts in late June and ends in late September. These months see about 40 inches (1020 mm) of precipitation, frequent thunderstorms and flooding. IMD normal annual rainfall of Ujjain city is 715 mm. The normal annual rainfall of Ujjain district is 914.5 mm.
- Ujjain district receive maximum rainfall during southwest monsoon period i.e. June to November. About 92.10% of annual rainfall is received during monsoon season. The surplus water for groundwater recharge is available only during the southwest monsoon period.

Table :- Rainfall data of Ujjain district of last 30 years.

S.No.	year	Ujjain center	Average district	S.No.	year	Ujjain center	Average district
1	1992-93	645.40	685.0	16	2007-08	1404.0	1132.20
2	1993-94	1303.0	1062.50	17	2008-09	736.50	649.10
3	1994-95	1225.50	1134.80	18	2009-10	1126.8	837.80
4	1995-96	1116.6	973.80	19	2010-11	730.40	742.40
5	1996-97	1244.20	1139.80	20	2011-12	1235.8	1148.40
6	1997-98	1034.0	1117.0	21	2012-13	1048.0	1069.50
7	1998-99	1122.0	1025.90	22	2013-14	1280.0	1329.10
8	1999-2000	976.80	1017.90	23	2014-15	739.00	764.60
9	2000-2001	442.20	428.10	24	2015-16	1507.0	1413.50
10	2001-02	597.20	624.50	25	2016-17	1209.0	1253.90
11	2002-2003	790.0	597.10	26	2017-18	887.00	819.90
12	2003-2004	1016.0	858.30	27	2018-19	916.00	815.20
13	2004-2005	871.0	797.90	28	2019-20	1645.0	1738.10
14	2005-2006	612.0	675.90	29	2020-21	1446.0	1199.00

15	2006-2007	2032.0	1715.7	30	2021-22	881.70	1131.20
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Note:- The average rainfall of last 05 year in the district Ujjain is 1140.68 mm

10.1. Rainfall Month wise:-


From June 2019 to May 2020 (Month wise and Tehsil wise)									
Month	Ujjain	Ghatiya	Khachrod	Nagda	Badnagar	Mahidpur	Jharda	Tarana	Average
JUNE	107.0	170.0	185.0	235.0	115.0	109.0	0	186.0	158.1
JULY	289.0	275.0	330.0	616.0	445.0	267.0	0	342.0	366.3
AUGUST	598.0	581.0	495.0	606.0	300	410.0	0	875.0	552.1
SEPTEMBER	529.0	549.0	485.0	755.0	445.0	563.0	0	268.0	556.4
OCTOBER	99.0	50.0	54.0	30.0	79.0	91.0	0	51.0	64.8
NOVEMBER	7.0	11.0	24.0	20.0	26.0	28.0	0	7.0	17.6
DECEMBER	4.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.6
JANUARY	5.0	0.0	0.0	3.0	0.0	22.0	0	0.0	4.2
FEBRUARY	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0
MARCH	7.0	19.0	9.0	17.0	4.0	39.0	0	11.0	15.1
APRIL	0.0	0.0	0.0	0.0	0.0	0.0	0	10.0	1.4
MAY	0.0	0.0	0.0	0.0	0.0	6.0	0	4.0	1.5
From June 2020 to May 2021 (Month wise and Tehsil wise)									
Month	Ujjain	Ghatiya	Khachrod	Nagda	Badnagar	Mahidpur	Jharda	Tarana	Average
JUNE	196.0	155.0	167.0	175.0	227.0	157.0	0	297.0	196.3
JULY	180.0	119.0	186.0	256.0	164.0	100.0	0	229.0	176.2
AUGUST	542.0	554.0	444.0	387.0	582.0	500.0	0	507.0	502.4
SEPTEMBER	419.0	262.0	263.0	193.0	274.0	105.0	0	144.0	237.1
OCTOBER	18.0	0.0	76.0	50.0	2.0	0.0	0	0.0	20.8

NOVEMBER	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0
DECEMBER	11.0	15.0	12.0	12.0	12.0	9.0	0	9.0	11.5
JANUARY	10.0	15.0	6.0	4.0	11.0	1.0	0	6.0	7.6
FEBRUARY	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0
MARCH	4.0	0.0	0.0	0.0	0.0	0.0	0	1.0	0.6
APRIL	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0
MAY	66.0	37.0	72.0	25.0	15.0	60.0	0	23.0	46.5

From June 2021 to May 2022 (Month wise and Tehsil wise)

Month	Ujjain	Ghatiya	Khachrod	Nagda	Badnagar	Mahidpur	Jharda	Tarana	Average
JUNE	123.0	78.0	136.0	160.0	177.0	107.0	159.0	177.0	132.1
JULY	221.0	467.0	349.0	372.0	340.0	506.0	468.0	230.0	369.2
AUGUST	255.0	269.0	256.0	344.0	183.0	309.0	377.0	241.0	279.2
SEPTEMBER	182.0	256.0	385.0	207.0	254.0	128.0	227.0	202.0	230.1
OCTOBER	34.0	60.0	76.0	96.0	55.0	112.0	84.0	42.0	72.4
NOVEMBER	8.0	0.0	32.0	42.0	11.0	10.0	10.0	0.0	14.1
DECEMBER	9.0	6.0	16.0	11.0	16.0	9.0	8.0	5.0	10.0
JANUARY	28.7	6.0	7.0	7.0	4.0	4.0	11.0	28.0	12.0
FEBRUARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MARCH	1.0	0.0	48.0	28.0	6.0	4.0	7.0	3.0	12.1
APRIL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE - A NEW CENTER AT JHARDA STARTED IN YEAR 2021-2022


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11. GEOLOGY AND MINERAL WEALTH:-

- Entire area of the district Ujjain is occupied by Deccan Trap formations. Basalt flows are of late Cretaceous to Palaeocene age (68-62 m.y.). Eighteen horizontally disposed tholeiitic lava flows have been identified in the area and are classified under Kalisindh, Kankariya-Piurkheri and Indore Formations of Malwa Group.
- Some of the lava flows pinch out towards northeast. The lava flows are of simple type having 'Aa' lava characteristics. In the southwestern part of the district, middle and upper flows in the lava pile are of pahoe-hoe type.
- Kalisindh Formation comprising four 'Aa' flows with a thickness of 50 m is exposed along the Sipra, Chhoti Kalisindh and Lakhunder rivers in the northern part. The top part of the lava flows is generally fragmentary with a meter thick impersistent red bole. The bottom of flow is composed of beautiful columnar joints, these can be seen near village Paat, Parsi, Roopakhedhi and other villages.
- Kankaria-Pirukheri Formation is exposed in the northern part and in the upper reaches of Chamla, Chambal, Gambhir, Sipra, Chhoti Kalisindh and Lakhundar Rivers. This formation comprises six 'Aa' basaltic flows with the bottom flows showing mixed characters. Fairly persistent red bole beds mark the undulatory flow contacts.
- Indore Formation forms sub-parallel residual plateaus with eight basalt flows showing mixed pahoe-hoe and 'Aa' characteristics.
- An impersistent inter-trappean bed comprising of thin laminated shale with siltstone, chert bands with pockets of limestone, and gastropod fossils are from a few places. Alluvium deposits of Quaternary age occur along the courses of Chhoti Kalisindh and Lakhundar rivers. It generally consists of yellowish to brownish sandy soil mixed with kankar and pebble with a thin band of friable calcareous sand at base. The thickness varies from less than a meter to 25 m. Alluvium also occurs along the banks of the Chambal and its tributaries and has a thickness of more than 10 m.
- Deccan basalt that occurs extensively in the district is used as building stones and construction material. Massive basalts are locally quarried for stone bricks and pavement stones. The red bole occurring at the flow contacts is used for colour washing of village houses. Limestone from the inter-trappean bed is locally utilized for lime burning.

GEOLOGICAL SUCCESSION IN THE AREA OF UJJAIN AREA IS AS BELOW TABLE-

Succession	Formation	Age
Alluvium/ Laterite	Clay with kanker, sand and river alluvium	Recent to Pleistocene
Deccan trap	Basaltic lava flows with redbole and interappean beds	Upper cretaceous to Eocene
-----Unconformity-----		
Upper Vindhyan Bhandar Group	Sandstone and Shale sequence with conglomerate	Upper pre Cambrian to Lower protoeozoic

GEOLOGICAL MAP OF DISTRICT UJJAIN:-

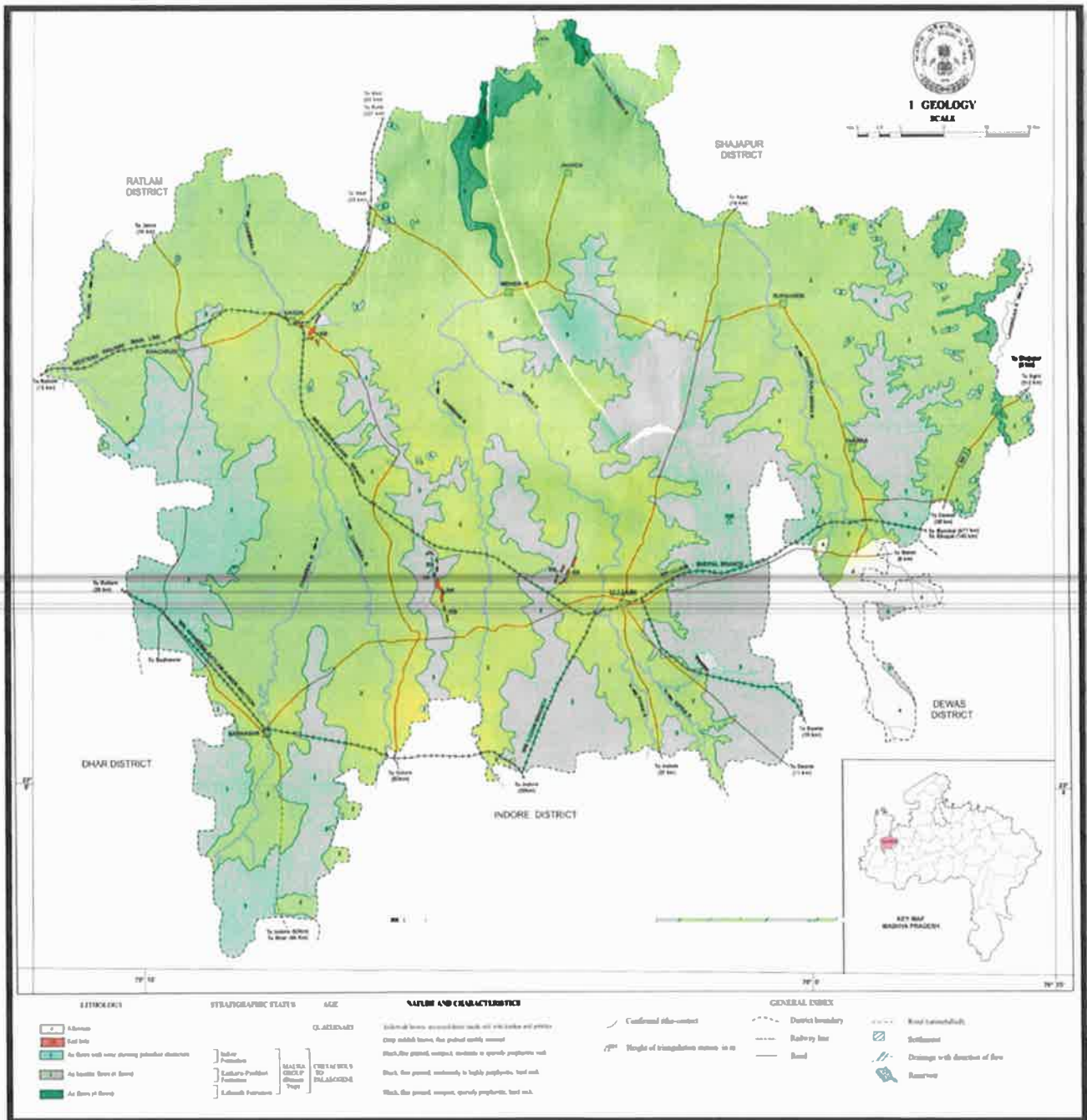


Fig-09 District Resource map of Ujjain.

11.1. BASALTIC LAVA FLOWS IN UJJAIN (M AMSL):-

Basaltic Lava Flows (M AMSL)			Thickness (M)
XIV	555.2	548	7
XIII	548	519	29
XII	519	503	16
XI	503	487	16
X	487	460	27
IX	460	438	22
VIII	438	422	16
VII	422	394	28
VI	394	383	11
V	383	345	38
IV	345	326	19
III	326	308	18
II	308	292	16
I	292	286	6
0	<292		

11.1.2 BASALTIC FLOW UNITS:-

Each individual lava flow can be sub divided into 3 distinct units –

- Red bole (impersistent horizon)/clay.
- Vesicular/Amygdular basalt
- Massive and compact basalt

Red Bole Clay: - The top of the individual flows is occasional marked by reddish brown clay material, termed as Red bole which at places is represented by grayish clay. The thickness of red bole varies from few centimeters to few meters. The red bole in its genetic relationship is an *insitu* product of baking and weathering of basalts representing a time gap between the two Successive flows. The indicate the local topographic highs during the time gap of successive flows

Vesicular/Amygdular Basalt: - The vesicular unit of each flows forms the upper horizon and ranges in thickness from 1.5 meters to as much as 06 m forming 25 to 30% of the total thickness of flows. It is

medium to coarse grained, softer than massive basalt and vesicles are commonly filled with secondary mineral like calcite, Zeolites and quartz.

Massive Basalt :- It is fine to medium grained compact, dark greenish to grey colour and from 60 to 70% of the flow unit. It weathers along joints and spheroidal weathering is commonly seen. Columnar jointing is quite common

11.1.3 DECCAN TRAPS:-

The Ujjain area and established Deccan trap basalt flows, lava flows occupy vast area in the north, central and western parts of Ujjain block. They have been classified into two formations viz: Kankariya and Indore based on diagnostic characters and marker horizons or inter-treappen beds are established.

Joints in Deccan trap :- Basaltic lava flows do not show any effect of tectonic disturbance an are sub-horizontal in disposition as revealed by subsurface correlation. The major joints as deciphered by GSI are shown below –

- (i) NE – SW (N 40° - 60° E, - S 40° - 60° W)
- (ii) NE – SE (N 30° - 50° E, - S 30° - 50° E)

11.1.4 LITHOSTRTIGRAPHIC SEQUENCE:

The area forms the part of the Great Malwa Plateau exhibiting terraced steep like structures with occasional isolated hills varying altitude. The average height from 440m to 520m above M.S.L. Lava flows of the Deccan trap Suite covers an extensive area consists of a sequence of 29 basaltic lava flows with cumulative thickness of 442m The low-lying plains are restricted to the major river valleys in the northern parts.

11.1.5 SOIL :

Black cotton soils with heavy to light texture are found in the whole area. Light textured silty 'Kankar' and admixtures of clay in the form of alluvium occur along the bank of major streams. The district faces considerable problem of soil erosion, which is aided and abetted by faulty forming practices and also by natural agents like wind and water

11.1.6 Alluvium formation :-

Occupy in the parts of south eastern area and as valley fill along river Kshipra, Gambhir and chotikalisindh in the central part of area.

11.1.7 Laterite :-

Occurs as isolated capping over the Deccan trap in the extreme north western part of area. The general level of occurrence of the laterite capping is 500m amsl. It is reddish brown in color and limonite soft rock in character.


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12. DRAINAGE & IRRIGATION PATTERN :-

The district is drained by as many as eleven rivers viz. (1) Chambal, (2) The Shipra, (3) Chamla, (4) Gambhir, (5) Lakhunder, (6) Khan, (7) Bageri, (8) Chhoti Kali Sindh, (9) Kudel, (10) Teelae & (11) Badi Kali Sindh.

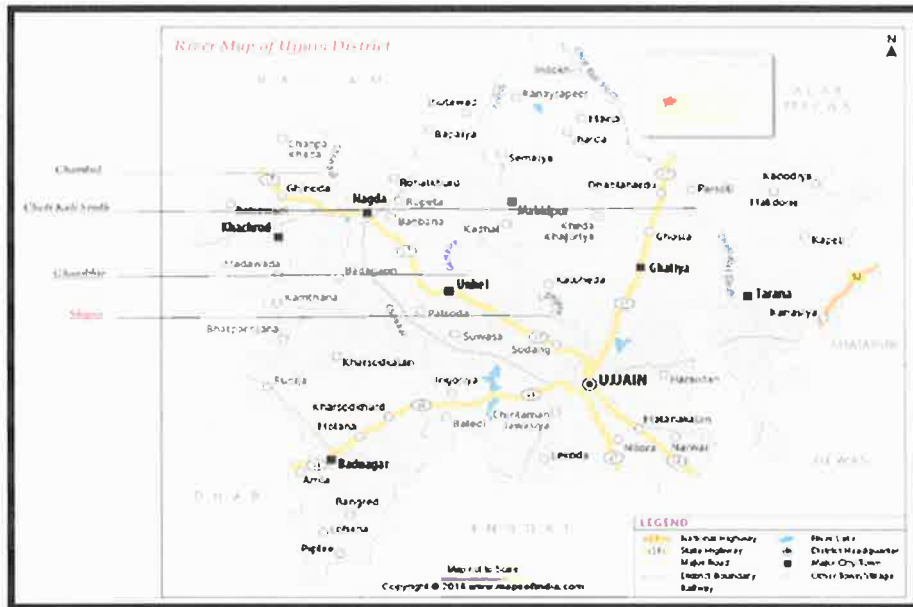


Fig -10 River Map of the District

12.1 GEOMORPHOLOGY:-

The geomorphic surface in the area are such that the area becomes steep to moderately slopping to nearly flat in the middle reaches of the river. The distribution and structure of valleys landforms reflect the geomorphic processes that created them. Landform, any conspicuous topographic feature - mountains (including volcanic cones), plateaus, The Chamala, Khipra /Gambhir and Chhoti Kali Sindh river sub basin in Ujjain area are consist of flood deposit along the river banks and denudation hill, highly dissected Plateau. Pediment, vally fill and pedplain

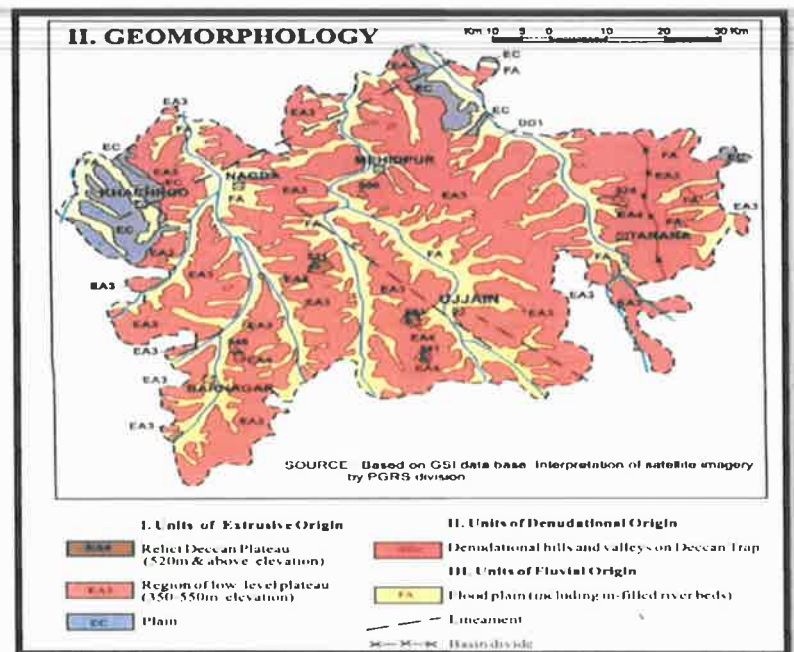


Fig -11 Geomorphology of the District

12.2. HYDROGEOMORPHOLOGY :-

Hydrogeomorphological mapping is one of the best-suited approaches to explore the possibility of groundwater resources especially in those areas where availability of surface water is insufficient. The study of Landsat imagery interpretation revealed that the Deccan basalt formation have developed distinct land form which helped in identifying the hydro geomorphological features of the potential prospects areas for groundwater availability in Ujjain area.

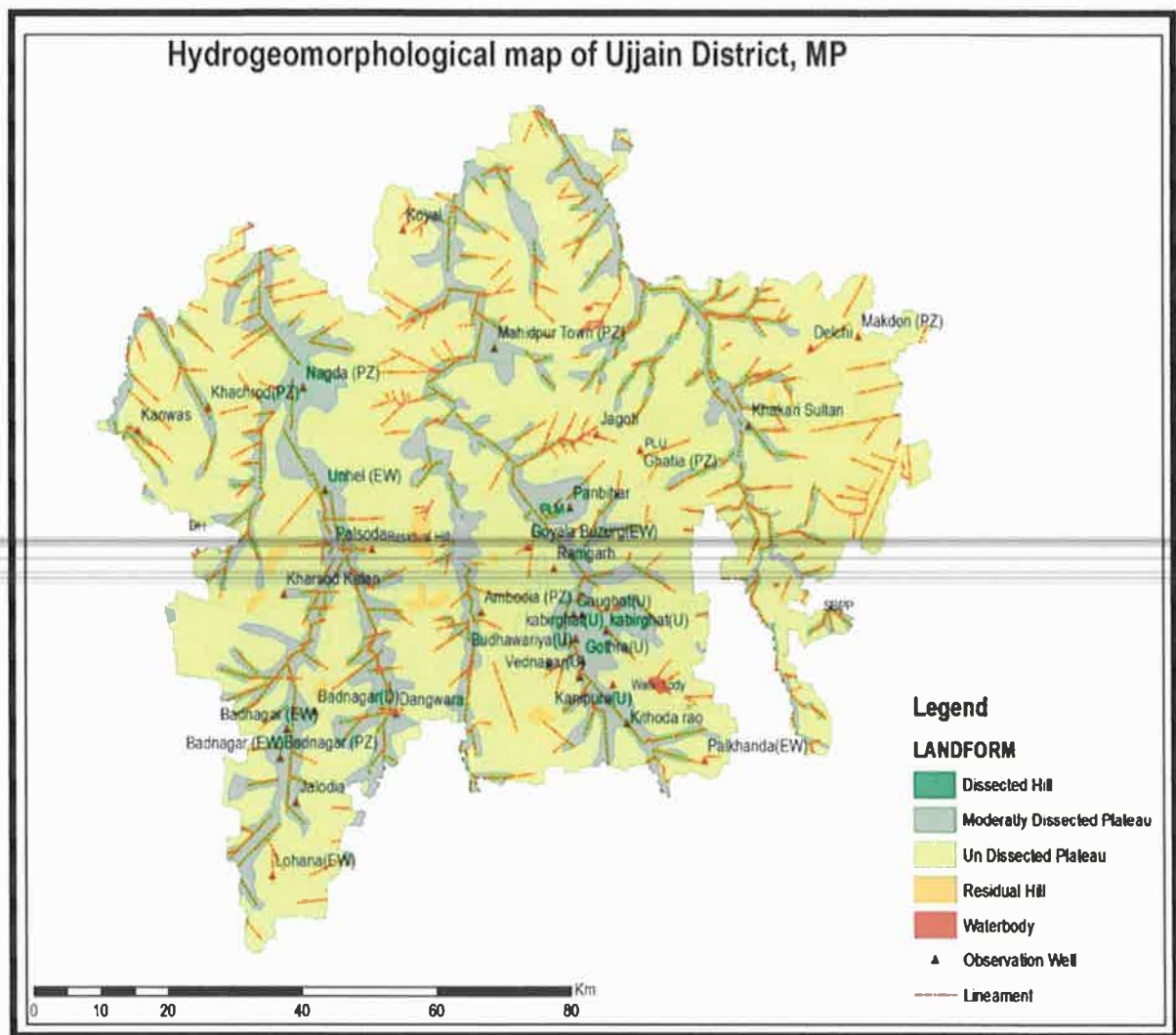


Fig-12 Hydrogeomorphological map of the District

12.3. GROUND WATER QUALITY (HYDRO CHEMICAL) OF THE DISTRICT UJJAIN:-

- The pH of ground water of Ujjain district ranged in between 7.26 to 8.65. As per BIS recommendation, all water samples recorded within the permissible limit of 6.5 to 8.5. In the Ujjain district, pH has been observed more than 8.5 in the dug well of kaiytha (8.52), Khera Khajuria (8.55), Mahidpur road (8.65), Makdon (8.59) and Vijayganj Mandi (8.54). The ground water of the study area can be assessed as slightly neutral to alkaline nature.
- The electrical conductivity of ground water in Ujjain district ranged between 595 to 4085 $\mu\text{S}/\text{cm}$ at 25°C. The EC values more than 3000 $\mu\text{S}/\text{cm}$ at 25°C were recorded only at Kaiytha i.e. 4085 $\mu\text{S}/\text{cm}$ at 25°C. The electrical conductivity shows that the ground water in Ujjain district is good to slightly saline in nature.
- The fluoride concentration in Ujjain district ranged in between 0.09 to 1.57 mg/l. The BIS has set the maximum concentration of fluoride in drinking water is 1.5 mg/l as permissible limit. The maximum concentration of fluoride has been recorded in Nazarpur village i.e. 1.57 mg/l.
- In the district, nitrate concentration in ground water ranged in between 5 to 225 mg/l. The 29% ground water samples recorded nitrate concentration within the acceptable limit and 71% water samples recorded more than 45 mg/l as BIS recommendation. The highest concentration of nitrate has been detected in ground water of Ujjain Nagar Palika (225 mg/l). High nitrate in ground water appears may be due to anthropogenic activities or excessive use of fertilizers etc.
- Total hardness of ground water in the study area ranged in between 150 to 1580 mg/l. The maximum concentration of was observed in the dug well of Dablahardu (605 mg/l), Ujjain Nagar Palika (810 mg/l) and Kaiytha (1580 mg/l).
- In the district water is mixed type, saline in nature, temporary and permanent hardness type of water. The *US Salinity Diagram of Ujjain* district shows the ground water is low to high salinity classes i.e. C_2S_1 , C_3S_1 , C_3S_2 and C_4S_1 Classes. C_3 and C_4 classes of water should not be used for irrigation purpose unless proper soil management.

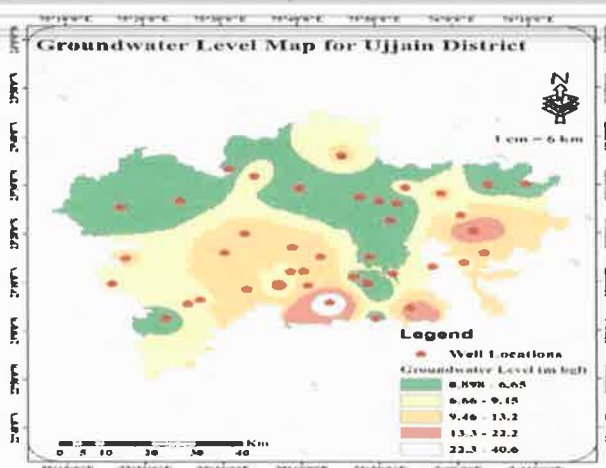


Fig-13 Ground water Level Map

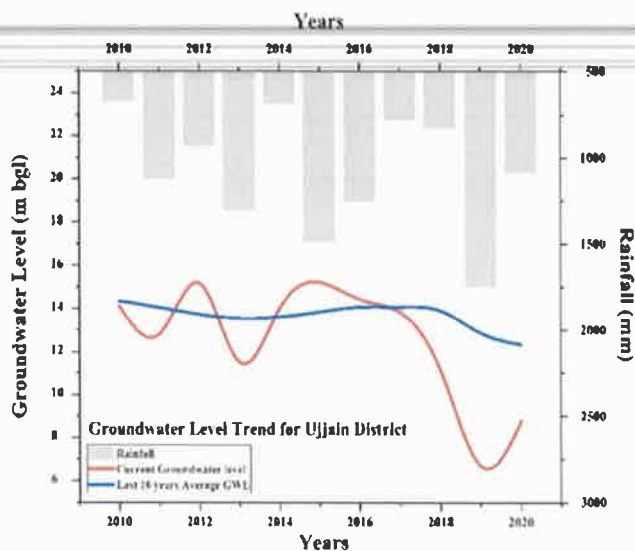


Fig-14 Ground water Trend Map of Ujjain District

13. USES OF MINERALS :-

Major and Minor Minerals are mainly use for construction purpose. Minor Minerals comprise of gravel, building stones, soil, ordinary clay, ordinary sand, and murrum. Other sand used for prescribed purposes.

- i) **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 rail, road, track, ballast as composite material (with a binder) in concrete, tarmac, and asphalt concrete.
- ii) **Sand:-** Sand is used to give strength, bulk and other properties to construction materials like asphalt and concrete. In land scaping, 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.
- iii) **Murram:-** It is a mixture of minerals, organic matters, gravels, rock particles etc. Murum is used in plinth filling, road pavements, back filling 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.
- iv) **Soil:-** Ordinary earth soil used for filling the embankments, roads, railway sand building.
- v) **Brick Clay:-** Brick clay 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 brick sand similar clay products.

14. Formation of sand:-

Majority of rivers originate from mountains and as they continue their journey with force, through these mountains, the bigger rocks and boulders disintegrate slowly, and over a period of time, starts rolling down as fragments. These fragments become smaller and smaller due to weathering process by water, wind and other rocks.

Thus, developed sand particles are transported, washed and stored and again transported during flood sand deposited at river beds and largely on river shores. In case the sand deposits are mined / removed, cavities are formed in their place and again filled during next cycle(s) of deposition.

River sand is preferred as a source of sand because of the following factors:

- a. Cities tend to be located near rivers so transport costs are low, the energy in a river grind rocks into gravel sand sands.
- b. Eliminating the costly step of mining, grinding, and sorting of rocks.
- c. The material produced by rivers tends to consist of resilient minerals of angular shape that are preferred for construction.
- d. Also, offer the advantages of being naturally sorted by grain-size, easily accessible, and able to be transported inexpensively using barges. Despite plentiful supplies of desert sand (Aeolian), which produce material suitable for making concrete.

A meandering stream has a single channel those winds snakelike through its valley. As water flows around these curves, the outer edge of water is moving faster than the inner edge. This creates an erosion surface on the outer edge (a cut bank) and a depositional surface on the inner edge (a point bar). Where the bends of two meanders meet, they bypass the curve of river, creating an oxbow lake which may then be filled with over wash sediment.

Meanders change position by eroding sideways and slightly down stream. The side ways movement occurs because the maximum velocity of the stream shifts toward the outside of the bend, causing erosion of the outer bank. At the same time the reduced current at the inside of the meander results in the deposition of coarse sediment, especially sand. Thus by eroding its outer bank and depositing material along its inner bank, a stream moves sideways without changing its channel size. Due to the slope of the channel, erosion is more effective on the down stream side of a meander.

The specific gravity of an aggregate is considered as the measure of strength or quality of the material. Specific gravity is defined as the ratio of weight of a given volume of aggregate to the weight of equal volume of water. Aggregates having low specific gravity are generally weaker than those with aggregates having high specific gravity. This property helps in a general identification of aggregates. The specific gravity of (sand) is considered to be around 2.65 to 2.67. Sand particles composed of quartz have a specific gravity between 2.65 to 2.67. While inorganic clays generally range from 2.70 to 2.80. Soils with large amounts of organic matter or porous particles have specific gravity below 2.60 (Some range as low as 2.00).

14.1 Sources of sand:- Sand is world's second most consumed natural resource after water. Rapid urbanization and global population growth have created unbound demand for this limited natural resource. With urbanization as key driving factor, construction industry has expanded considerably over the last few decades leading to overuse of river sand for construction purposes. This increasing discrepancy between the need for aggregates in the society and scarcity of natural sand due to exhaustion of resources and environmental considerations, has urged concrete manufacturers to look for a suitable and sustainable alternative fine aggregate. The economical and ecological alternative is manufactured sand.

14.1.1 Natural Sources:-

Natural sand is produced by natural forces, such as river sand and sea sand. Generally, sand found at foot of mountains is more weathered, containing more mud, organic impurities and light substances.

Sea sand often contains shells and other impurities, and its components such as the chlorine, sulfate and magnesium salts may cause corrosion of steel bars. All the components will affect the performance of concrete. Sources of sand can be river bed material, desiltation pits in reservoirs/dams, agricultural land etc.

Following are the natural types of the sand:

- (i) **Pit Sand** :- This sand is found as deposits in soil and it is obtained by forming pits into soils. It is excavated from a depth of about 1 m to 2 m from ground level. The pit sand consists of sharp angular grains which are free from salts and it proves to be excellent material for mortar or concrete work. For making mortar, the clean pit sand free from organic matter and clay should only be used.
- (ii) **River Sand** :- This sand is obtained from banks or beds of rivers. The river sand consists of fine rounded grains probably due to mutual attrition under the action of water current. The colour of river sand is almost white. As river sand is usually available in clean condition, it is widely used for all purposes.
- (iii) **Sea Sand** :- This sand is obtained from sea shores. The sea sand, like river sand, consists of fine rounded grains. The colour of sea sand is light brown. The sea sand contains salts. These salts attract moisture from the atmosphere. Such absorption causes dampness, efflorescence and disintegration of work. The sea sand also retards the setting action of cement. Due to all such reasons, it is the general rule to avoid the use of sea sand for engineering purposes except for filling of basement, etc. It can however be used as a local material after being thoroughly washed to remove the salt.

14.2 Manufactured Sand:-

Manufactured sand (M-Sand) is artificial sand produced from crushing hard stones into smalls and sized angular shaped particles (rock particles with a particle size of less than 0.75mm and is made by artificial crushing and sieving after soil removal treatment). washed and finely graded to be used as construction aggregate. It is a superior alternative to River Sand for construction purpose. The main technical indicators of artificial sand are particle gradation, fineness modulus, stone powder content, void ratio, apparent density, bulk density, methylene blue value (MB), crushing value index, mica content, light-matter content, etc.


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Fig- 15 M-Sand (Crusher based Sand) Fig-16 River Sand (Good Quality Fine Grained)

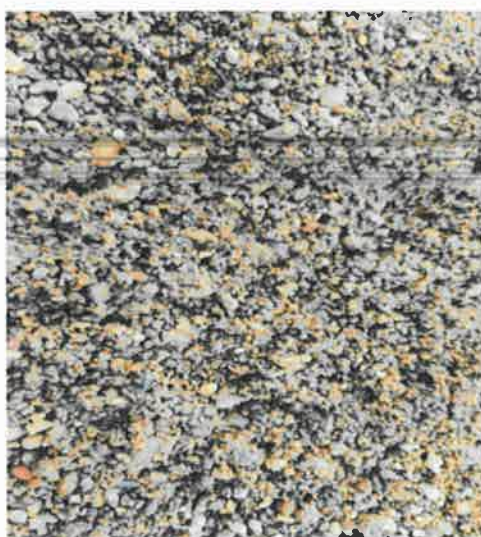


Fig-17 River Sand of District Ujjain
(Low Grade-Coarse Grain)



Fig-18 Pit Sand (Good Quality very fine Grain)

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15.DRAINAGE SYSTEM WITH DESCRIPTION OF MAIN RIVERS:

The area forms part of Chambal sub basin of Yamuna river sub-basin (Ganga basin). The main river of the district is Chambal River whose tributaries are the Kshipra, Chhoti Kali Sindh, Gambhir and Chamla River.

The Chambal River originates from a place known as Janapaspur at an elevation of 854 m above mean sea level in the Indore district. The left bank tributaries of Chambal River are Bageri join the Chambal River Nagda and Kurel River near Uri. The Chamla River originating from Dhar district join Chambal River near PiplodaSagoti Mata in Nagda-Khachrod tehsil. Kshipra River originates from Kokri Bardi hill, which about 11 km southeast of Indore. Khan River joins Kshipra River near Ujjain and Gambhir River near Mahidpur. The major Streams are flowing in south western and central direction.

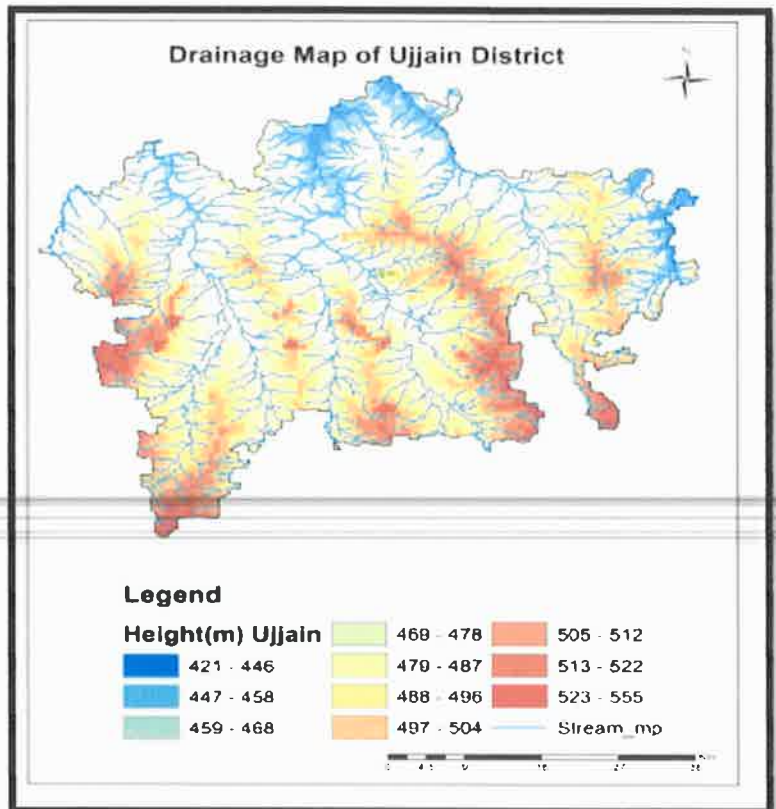


Figure-19 –Drainage Map of the District

The major and minor streams are showing dendritic and sub parallel drainage pattern. In the valley fill area the branching of the stream is not visible.

The Stream gradient is steep to moderate in the source region and it is moderate to gentle in the middle & lower reaches.

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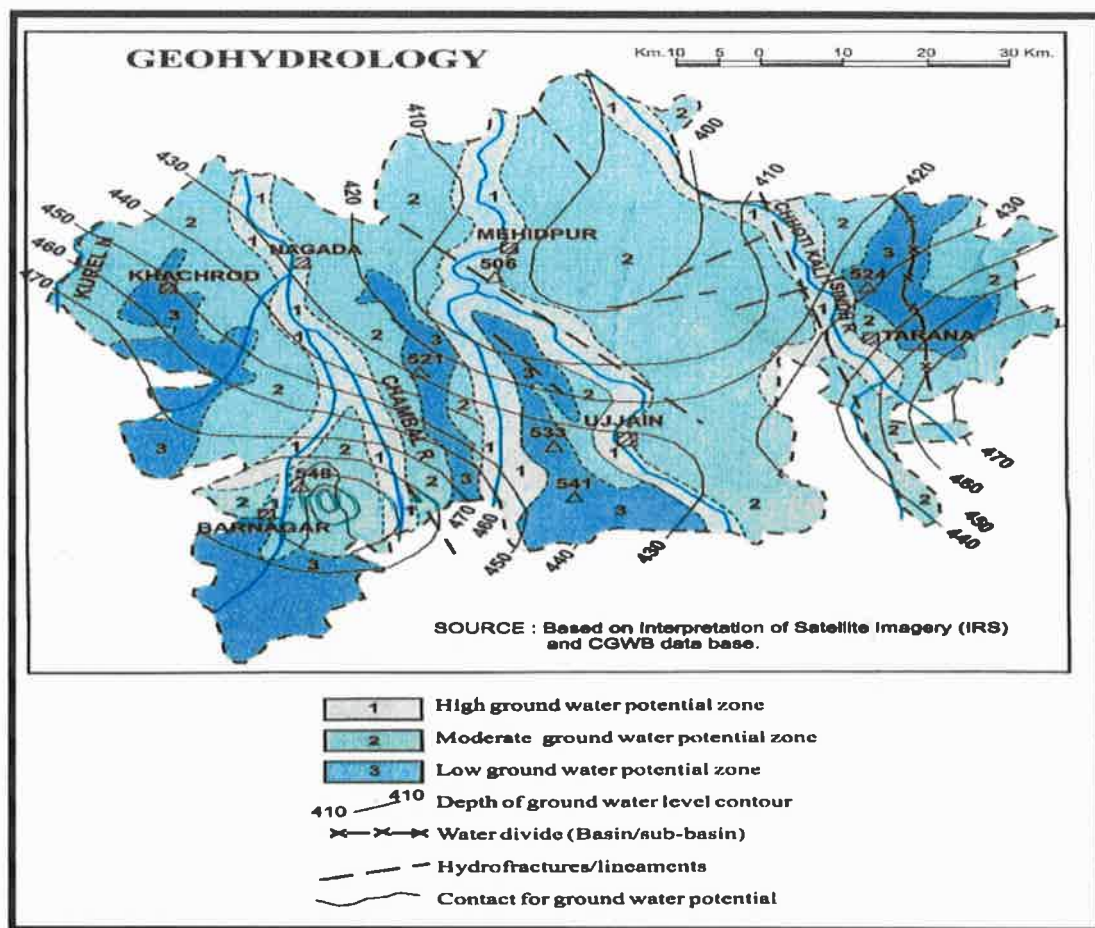


Figure-20 -Geohydrological map of the District

15.1 SALIENT FEATURES OF IMPORTANT RIVERS AND STREAMS:-

S.NO.	Name of the River	Place of Origin	Altitude at Origin(mtr)	Total Length in the District (in Km)	% Area drained in the District
1.	Chambal	Janapao, indore district	854.35	90	20%
2.	Kshipra	Kokri Bardi Hill Dewas district	747	105	30%
3.	Chhoti Kali Sindh	Sia Village Dewas district	600-700	109	30%
4.	Gambheer	Mansarovar Tank In Lunera Village	560	60	15%
5.	Chamla	Dhar District	750	45	05%

16. Need for Sand Replenishment Study & Factors to be considered:-

Environmental status of the mined out area may be affected badly if proper care is not taken to ensure sustainable extraction of sand from river bed. Proper study of the following factors must be taken into consideration to reveal the actual potential of sand deposition in river course after completion of periodical excavation annually. The main factors to be considered for the study of there plenishment potential of particular river course are:

Formation of sand comprises of the following:-

- Catchment area and Geographical strata.
- Erosion, weathering and transportation of load.
- Climatic conditions, precipitation.
- Geomorphology, physiographic manmade structures and activity details.

Deposition /sedimentation of material or sediment yield depend upon several factors like: Catchment area.

- Span of river/floodplain.
- Travelling distance of suspended particles.
- Slope/gradient/depth of water channel;/meandering of river.
- Geology traversed.
- Climatic conditions.
- Tributaries/confluence.
- Type/stage of river and flow velocity.
- Flow during lean period.

16.1 Sand Replenishment Plan and Projections:-

Sand Replenishment Assessment:-

➤ The process of sand replenishment is highly dependent upon the rainfall received in the catchment areas of rivers and their tributaries and velocity of the river. It is a dynamic process. Thus it is difficult to predict, what quantity of sand may be reclaimed/ replenished by river. Because, in case of less rain, less water in the river, there may be less erosion and transportation may also be minimal and as a result deposition will be less. Moreover, in case of floods, the sudden gush of water may force the change in river course, thus old sites of sand deposition may not be relevant. Thus, the figures presented may just be a mere prediction, based on the production in the preceding years. More so, practically, it is not possible that in such a short period, single person can visit each spot within the district and determine how much quantity of sand may be replenished every year. The data narrated in the report, regarding annual deposition

District Survey Report, Ujjain District, Madhya Pradesh State
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of sand and associated aggregates and minable mineral potential is concerned, is only an estimation based on the production data provided by the district mining office. Thus, the figures may vary from area to area and year on year basis. Therefore, this document is not a static one but have to be a dynamic one, the figures of which may vary with respect to the area under question for which the prior environmental clearance will be sought.

➤ In order to establish a safe extraction limit, such that the extracted sand gets replenished annually, a replenishment study is to be carried out. For this purpose, the river bed RL at selected points in the dry portion of riverbed will be measured during pre-monsoon period and again during post-monsoon period in order to assess the annual quantum of sand deposition. If it is observed that, there is an average increase in riverbed RL, it shows that it is due to deposition of sand during the monsoon flow of the river and by multiplying it with the area of lease one can measure the quantity of sand replenished every year.

17. Total Mineral (Sand) Reserve Available in the District:-

As for as river sand's reserve of Ujjain district is concern there is very less quantity available in current scenario. Because most of the river those are having Sand mineral in Ujjain district boundary having very less mineral reserve. As only 52 Areas of River sections are proposed for auction, the total area of Auctionable area is 345.347 hectare and that is having only 217285/- cubic meter reserve of Sand.

18. Quality & Grade of Sand Available in the District:-

Due to belongness of Deccan trap formations the district Ujjain Mainly Comprises Minor Mineral like Sand, Basaltic Bolder, Crushing Stone i.e. Gitti and Murrum only. The Quality of available mineral Sand is very low grade. Most of the river contains muddy soil and the mixing of its degrades the quality of the sand.

Requirements for a good quality Sand are as below:-

1. Sand must be clean, any particles disturbing the naturality and neutrality of it should not be there.
2. The sand used should be a well-graded mixture from coarser to fine grains, complying with the requirements of IS383 are equivalent.
3. For plastering purpose, the fine sand used must not have a modulus less than 1.5 and white silts are preferred not less than 4 percent
4. For brickwork, fine sand used must not have modulus less than 1.2 to 1.5 and the silt preferred is generally 4 percent
5. Concreting works require coarse sand with a modulus of 2.5 to 3.5 and the silt content must not be less than 4 percent.
6. None of the organic matter should be included here.
7. There must not be the presence of the trace of earthen units.

Grade of Sand Available in the District

Based on the grain size of the particle, sand can be classified as below:-

1. Fine sand:- 0.075 to 0.425mm
2. Medium grain sand :- 0.425 to 2mm
3. Coarse grain sand :- 2 to 4.75mm

The available sand in district Ujjain is mostly medium to coarser grain.


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19. Demand & Supply of Sand in last three years :-

District Ujjain is a religious city and there is no huge demand of Sand. Only the residential public need it to make his own house. Demand and supply of sand never increases until unless a big Government project work here. Due to lack of big Government project there is a very normal demand and supply of Mineral Sand.

Sr.No.	Mineral	Year	Demand & Supply (M ³)
1	Sand	2019-20	12315
2	Sand	2020-21	11868
3	Sand	2021-22	Nil

Due to availability of low grade sand the district Ujjain is totally depend on good quality sand bearing Districts/states and therefore a large portion of demand is covered by the Sand supply coming from other district/state.

20. Eco Sensitive Zone :-


Eco-Sensitive Zones (ESZs) or Ecologically Fragile Areas (EFAs) are areas in India notified by the Ministry of Environment, Forests and Climate Change (MoEFCC), Government of India around Protected Areas, National Parks and Wildlife Sanctuaries. The purpose of declaring ESZs is to create some kind of "shock absorbers" to the protected areas by regulating and managing the activities around such areas. They also act as a transition zone from areas of high protection to areas involving lesser protection.

There is no any Eco-sensitive Zone nearby Ujjain District.

21. Impact on the Environment due to Sand Mining

Sand quarrying work from the river bed gives both positive and negative impacts to the environment.

- A) **NEGATIVE IMPACTS:-** It includes destruction of natural river course, sand erosion, bank erosion, bank cutting and widening and deepening of river bed, change in hydrological status and recharging conditions and destruction to closely linked flora, fauna and aquatic life.
- B) **POSITIVE IMPACTS:-** Employment and socio-economic status of the habitats living besides the river depends on sand mining industries. Construction of concrete infrastructure, roads and some other related activities depends on the river bed sand. Continuous accumulation of sand ultimately leads to the reduction in water carrying capacity of the river leading excessive flood in the river. Sustainable extraction of sand from river will lead to overcoming the problem.


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22. Risk assesement and Disaster management Plan:-

The objectives of Risk assesement and DMP are to describe the leassess" s/company/Contractor's emergency preparedness, resource availability and response actions applicable to deal with various types of situations that can occur at mines in shortest possible time. Mining and allied activities are associated with several potential hazards to both the employees and the public at large. A worker in a mine will be able to work under conditions, which are adequately safe and healthy. At the same time the environmental conditions also will not impair his working efficiency. This is possible only when there is adequate safety in mines. Hence mine safety is one of the most essential aspects of any working mine. Thus, the overall objectives of the emergency plan are summarized as follows: -

- Rapid control and containment of Hazardous situation
- Minimum the risk and impact of event/ accident
- Effective prevention of damage to property.
- In order to achieve effectively the objectives of emergency planning, the critical elements that form the backbone of Disaster Management Plan (DMP) are: -
- Reliable and early detection of an emergency and immediate careful planning.
- The command, co-ordination and response organization structure along with availability of efficient trained personnel.
- The availability of resources for handling emergencies.
- Appropriate emergency response action.
- Regular review and updating DMP.
- Training of the concerned personnel.

23. Occupational health issue in the district:-

Table :- Employees information of Health Centre's in Ujjain District

Medical and Health Employees (Block wise)							
Block	Medical Officer		Health Inspectors	Nurse	Compounder	Others	Total
	Allopathic	Others					
Ujjain urban	73	11 RBSK AMO	0	350	28	217	679
Tazpur	9	04 RBSK AMO	0	12	4	91	120
Ghattiya	8	3 RBSK AMO	0	13	3	97	124
Tarana	18	5 RBSK AMO	0	18	6	154	201
Khachrod	14	3 RBSK AMO	0	34	6	177	234
Mahidpur	15	3 RBSK AMO	0	25	6	122	171

Badnagar	16	4 RBSK AMO	0	30	6	166	22
Total	153	33 RBSK AMO	0	482	59	1024	1751

Table: - Tuberculosis Patient's list of Ujjain District.

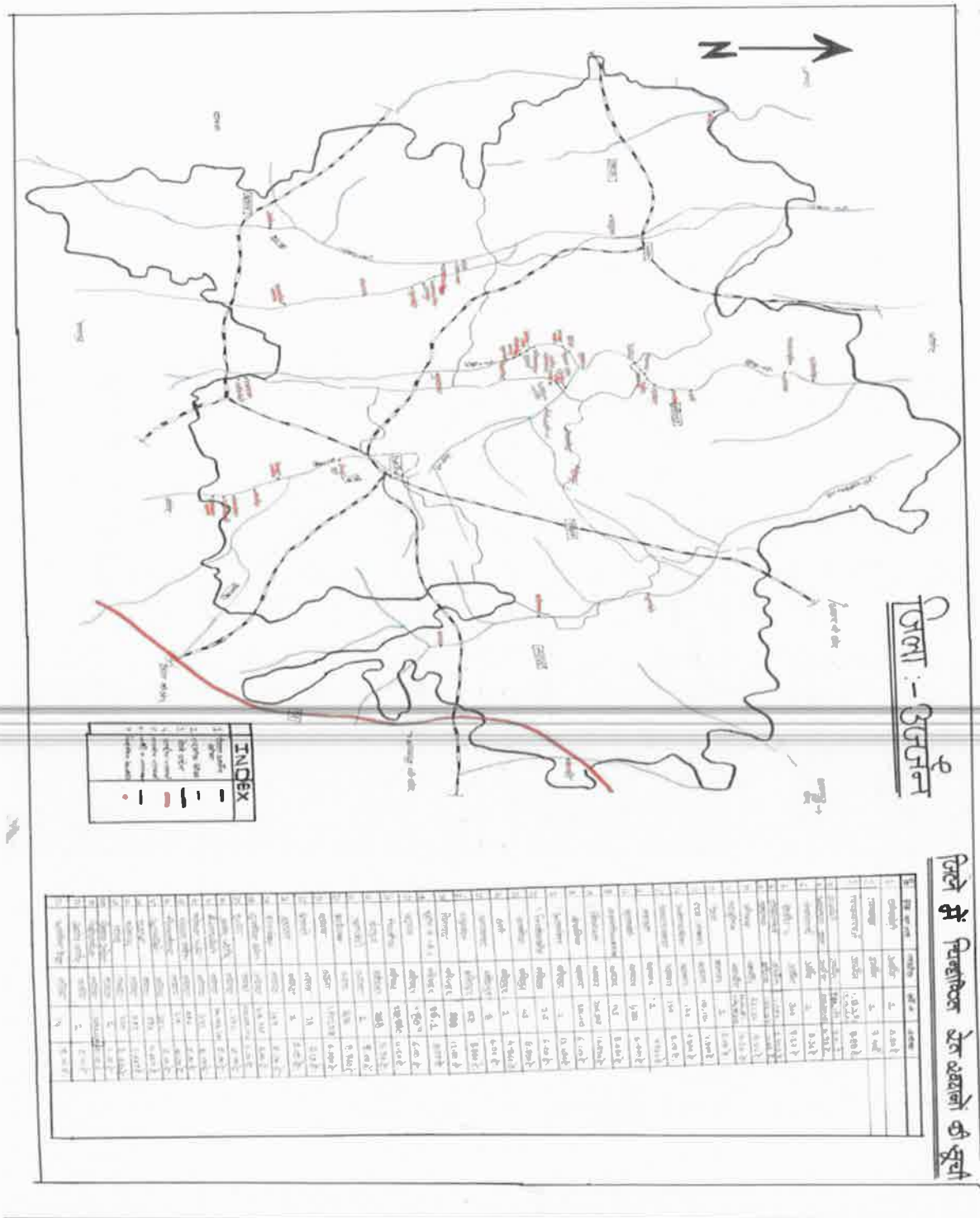
Sr. No.	Year	No. of Patient in Govt. Hospital	No of Patient In Private Hospital	No of Active Patient in Govt. & Private Hospital
1	2017	2476	455	0
2	2018	3528	361	0
3	2019	4295	1118	0
4	2020	2983	1123	10
5	2021	2782	1463	167

Table: - Silicosis Patient's list of Agar Malwa District

Sr. No.	Village	No. of Patients	Name of Patients	Age	Disease	Death
1	Nil	Nil	-	-	-	-

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24. Leases (Auction Quarries) marked on the district map :-



25. Other Informations :-

- As for as present scenerio is concern, due to not getting successful E-Auction, There is no working sand Auction Quarry in the district.
- Only 52 pre identified Sand Quarry areas are listing here in DSR, there is no new proposed area till now, If any new area will be identified then proposal will be added.
- District Ujjain is totally depend on other districts/states having a good quality sand and therefore a large portion of demand of Sand is covered by the Sand supply coming from the out side area of the district.
- Due to insufficient availability of good quality Sand, the demand and uses of M-Sand (Crusher based Sand) in district Ujjain is increasing day by day.

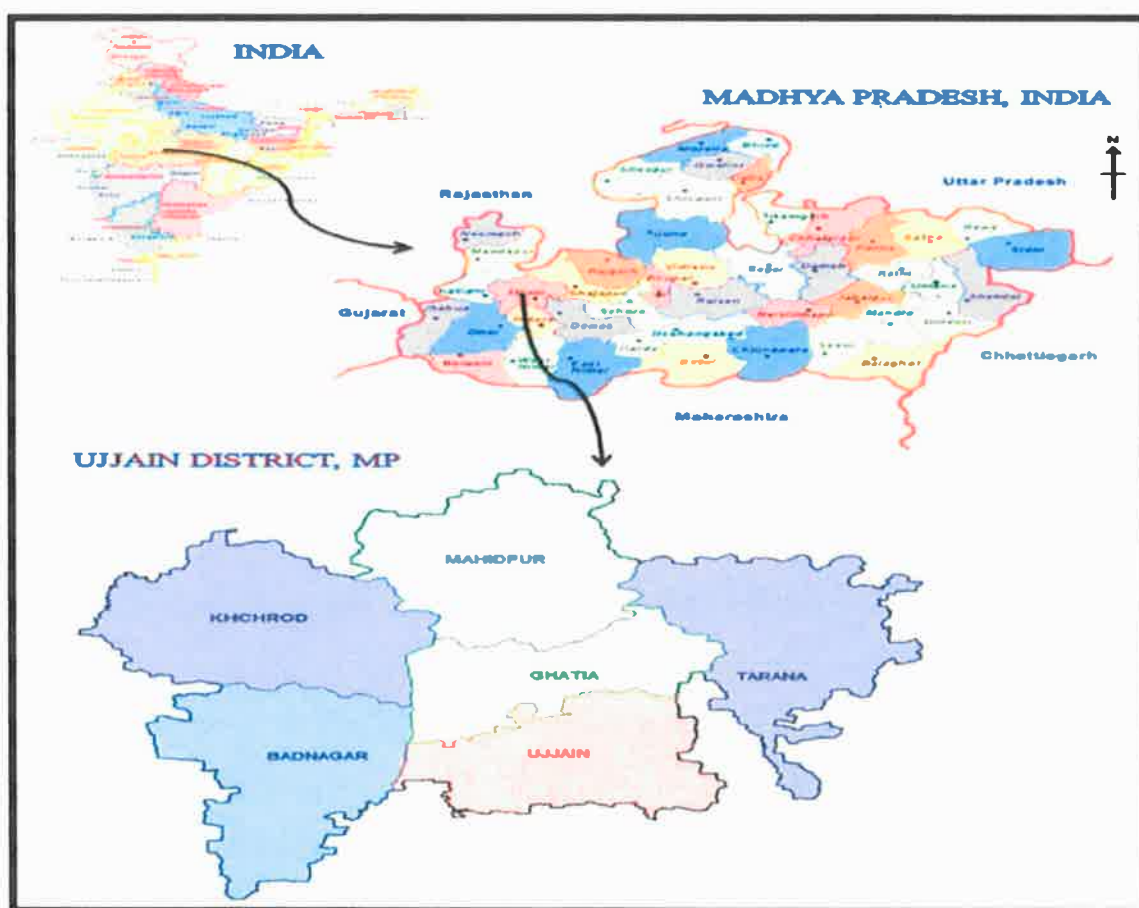
*******THANK YOU*******


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Government of
Madhya Pradesh

**DISTRICT SURVEY REPORT FOR
MINOR MINERALS (OTHER THAN SAND)
OF
DISTRICT :- UJJAIN**



As per Notification No. S.O. 3611 (E) New Delhi, the 25th July, 2018 of Ministry of Environment Forest and Climate change, Government of India and Enforcement and Monitoring Guidelines for Sand mining- MoEF&CC New Delhi-2020
www.mineralresources.mp.gov.in

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PREFACE:

In pursuance to the Gazette Notification, Ministry of Environment, Forest and Climate Change (MoEF& CC), the Government of India Notification No S.O.3611(E) New Delhi, 25th July 2018 laid procedure for preparation of District Survey Report of Minor Minerals Mining. The main purpose of preparation of District Survey Report (DSR) is to identify the Minor Minerals resources and developing the mining activities along with other relevant data of the district.

In compliance to the notification, the preparation of district survey report of Minor Minerals Mining has been prepared in accordance with Clause II of Appendix X of the notification. Every effort has been made to cover Minor Minerals Mining locations, future potential areas and overview of mining activities in the district with all its relevant features pertaining to geology and mineral wealth. This report will act as a compendium of available mineral resources, geological set up, environmental and ecological set up of the district and is based on data of various departments like Revenue, Water Resources, Forest, Geology and Mining in the district as well as statistical data uploaded by various state Government departments.

The District Survey Report will guide systematic and scientific utilization of natural resources, so that present and future generation may be benefited at large. The guidelines of MoEF&CC will support that fundamental concept, promoting environmental protection, limiting negative physiological, hydrological and social impacts under pinning sustainable economic growth.

This District Survey Report (DSR) will contain mainly data published and endorsed by various departments and websites about Geology of the area, Mineral wealth details of the investigated area, details of Lease and Mining activity in the revenue of minerals. This report also contains details of Forest, Rivers, Soil, Agriculture, climate and other geo-morphological units.


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OBJECTIVES

The main objective of the preparation of District Survey Report is to ensure the following –

- ❖ Identification of areas where mining can be allowed; and
- ❖ Identification of areas for Mining and systematic and scientific utilization of natural resources, so that present and future generation may be benefited at large.
- ❖ Identification of mineral wealth in 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.
- ❖ Tabulation of existing mining locations and yield.
- ❖ Correlation with satellite and official data.
- ❖ Suggesting new locations for mining approvals.
- ❖ Design and Development of DSR as per MoEF guidelines.
- ❖ Interaction with line department for data / document ownership.

Disclaimer: The data may vary due to flood, heavy rains and other natural calamities. Therefore, it is recommended that SEIAA may take into consideration all its relevant aspects/ data while scrutinizing and recommending the application for EC to the concerned Authority.

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

1. INTRODUCTION:-

- ❖ Ujjain District is covering an area of 6091 sq.km between 22°49'45" & 23°45'25"N and longitudes 75°08'05" & 76°15'20"E and falling in Survey of India degree sheet nos. 46M, N and 55A, and it is situated in the northern part of Madhya Pradesh. The district is bordered by other Districts that are Ratlam and Shajapur in the north, Dewas in the east, Indore and Dhar in the south and Ratlam in the west. Ujjain is an ancient town celebrated for the Mahakaleshwar temple located on the banks of holy Kshipra.
- ❖ Ujjain, the district headquarters is also an important Railway junction. Nagda-Ujjain branch, Indore-Dewas-Ujjain branch, Ujjain-Bhopal broad gauge line and Khandwa-Ratlam-Ajmer metre gauge line of the Western Railway are the rail links passing through Ujjain. Mehidpur, Khachrod, Bamagar and Tarana are some of the important towns in the district that are connected by state highways. NH-148 (Ujjain-Dewas), NH-148 NG (Ujjain-Garoth), NH-752 D (Ujjain- Badnawar) & NH-552G (Ujjain-Jhalawad) are the main National Highways crossing from Ujjain and giving a better road connectivity to other districts & States.
- ❖ Geomorphologically, the district forms part of Malwa Plateau slopping towards north with height ranging from 465 to 520 m. The maximum elevation of 561m and minimum elevation of 465 m above msl are observed in the western and northwestern part of the district, respectively. Northerly flowing Chambal river and its tributaries Chamla, Gambhir, Kshipra, Khan and Chhoti Kali sindh rivers drain the area.
- ❖ Ujjain is a district in the Madhya Pradesh State of India. Total area of Ujjain is 6130.23 km² including 5,896.79 km² rural area and 194.21 km² urban area. The hilly & forest area in it is about 190.90 km. The mappable area or recharge worthy area is 5939.33 sq km (95%).

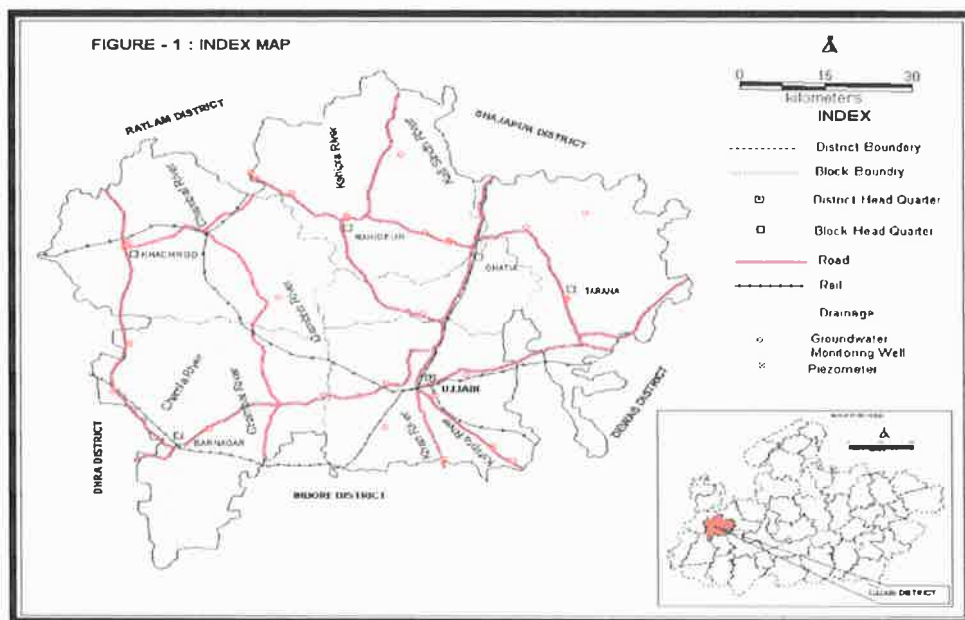



Fig 1.- Index Map of the district,

1.1 HISTORICAL INFORMATION ABOUT UJJAIN :-

- ❖ Ujjain is a historical and religious city and it is 184 km. away from Bhopal the capital of M.P. Various names of Ujjain is mention in Skand Puran. Some of well known ancient time's famous names are Avantika, Vaishali, Ujjaini, Shivpuri, Amravati, Shrivishala, Kusharthali, Kanakshringa, Padamavati and PratiKalpa etc. In Greek Literature It is also mentioned as Ozhen.
- ❖ The Emperor Ashoka built a huge stupa in Ujjain for Vaishyaputri (the merchant's daughter) queen Mahadevi presently it is known as "Vaishytekari" located in village kanipura, Tehsil Ujjain.
- ❖ Being a part of the British, like all the princely states from 1857 to 1947, Ujjain was also under the protection of the Maratha princely state and it was merged into a unified india. Ujjain district remained under Indore division from 1950 to 1977. On 26 January 1977, the Madhya Pradesh government formed th Ujjain division. At present this district is famous all over India from the point of view of astrology, religious science and cultural. Swayambhu Mahakal is one of the 12 Jyotirlingas. Ujjain is also important from the geographical point of view organized every 12 years. The Tropic of Cancer is recognized here and in the Panchag of Ujain all over the world. It is famous as the center of time calculation from the Dongla area of Ujjain Ditriect.
- ❖ The World famous "Mahakaleshwar Jyotirling" is situated in Ujjain. This is one of the greatest jyotirlinga among all the twelve. Its "Bhasma Aarti" is famous in the world. "Kumbha Parva" Which is also known as "Simhasta" is also celebrated after an each interval of 12 years. It is assumed that "Amrit" Dropped in four places during "Samudra Manthan" Ujjain is one of them. Lord Krishna and his brother Balram also came here for studies "Maharshi Sandipani" was the Guru ji. Great king Ashoka, Bhatrathar and Vikramaditya have ruled the Ujjain time to time. King Vikramaditya was famous for his "judgenments" (Simhasan Battisi). Ujjain is the birth place of great Sanskrit poet "Kalidas" and also great mathematician "Varahamihir".


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

1.2 ADMINISTRATIVE UNITS & GENERAL INFORMATION OF DISTRICT:-

- ❖ Ujjain district consists of 11 Tehsils namely Ujjain Urban, Ujjain Rural, Ujjain Kothi Mahal, Ghatiya, Tarana, Makdone, Mahidpur, Jharda, Badnagar, Khachrod and Nagda. Number of Blocks in the district is 6 (consisting of 31 Police Stations). At present, after the delimitation of parliamentary and legislative assembly constituencies, there are 07 Vidhan Sabha constituencies in this district: Ujjain (North), Ujjain (South), Khachrod-Nagda, Mahidpur, Tarana, Ghatiya, and Badnagar.

Table 1:- Block wise detail

S.No.	Block	Area in Sq Km	No. of Villages	No. of Panchayats
1.	Ujjain	759.64	156	87
2.	Badnagar	1235.95	193	108
3.	Ghatiya	641.63	128	69
4.	Nagda-Khachrod	1101.78	224	134
5.	Mahidpur	1134.53	227	121
6.	Tarana	1065.8	216	111
Total		5939.33	1144	630

Table 2:- Tehsil wise details of Revenue circles and Grampanchayat wise Patwari head quarters & no. of villages their in under

S.No.	Tehsil	RI Circle	Patwari HQs according to Gram Panchayats			No. of Villages under Patwari Halkas		
			Rural	Urban	Total	Inhabited	Deserted	Total
1	2	3	4	5	6	7	8	9
1	Ujjain	4	73	0	73	124	0	124
2	Ujjain Nagar	3	0	7	7	16	0	16
3	Kothimahal	3	3	4	7	16	0	16
4	Ghatiya	4	69	0	69	128	0	128
5	Khachrod	4	67	1	68	110	0	110
6	Nagda	4	63	3	66	114	0	114
7	Badanagar	6	107	1	108	192	1	193
8	Mahidpur	3	60	1	61	114	0	114
9	Jharda	3	60	0	60	113	0	113
10	Tarana	3	59	1	60	112	2	114
11	Makdone	3	48	3	51	101	1	102
Total		40	609	21	630	1140	4	1144

Table 3 :- Tehsil wise details of Land areas, No. of Survey no.s & Populations:-

S.No.	Tehsil	Total Geographical area (In ha.)				Total Survey No.s	Total entries of Survey No.s	Total	Population (Census 2011)
		Pvt. area	Forest area	Revenue area	Total area				
1	2	3	4	5	6	7	8	9	10
1	Ujjain	56420	369	8807	65596	65922	167581	37283	150917
2	Ujjain Nagar	5406	258	1806	7470	9085	14083	4662	521649
3	Kothimahar	3625	0	1244	4869	4411	8047	2885	
4	Gathiya	54075	217	7056	61348	62851	101080	42427	138861
5	Khachrod	55987	0	7732	63719	94039	121934	43241	161270
6	Nagda	56503	0	9046	65549	75627	115214	43423	237996
7	Badanagar	110600	0	12995	123595	109298	171896	67793	269573
8	Mahidpur	50170	0	6136	56306	65786	87522	36490	151736
9	Jharda	50132	0	7015	57147	67669	89969	35444	107563
10	Tarana	46535	1201	5344	53080	70298	100605	35101	143549
11	Makdone	44017	1104	6074	51195	61253	89648	30541	103750
Total		533470	3149	73255	609874	686239	1067579	379290	1986864

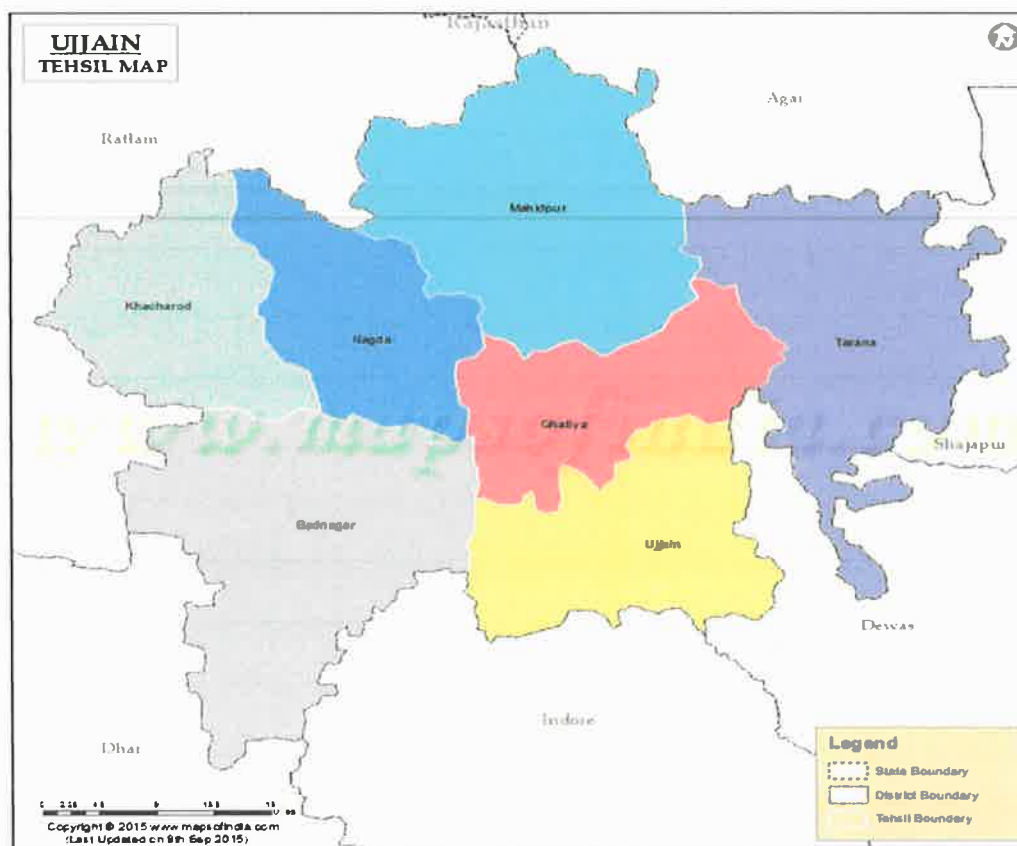


Fig 2: Tehsil map of District Ujjain

2. OVERVIEW OF MINING ACTIVITY IN THE DISTRICT:-

- ❖ Minerals are the back bone of the economy of the country. It plays an important role in development. Land and water are the basic aspects of the development of any economy. Economic development is the Output of development of these natural resources in a sustainable manner.
- ❖ District is well endowed with fabulous amount of building material like sand, Basaltic stone (gitti stone), Murram and Soil. Numerous stone crushers, brick units as small scale mineral based industries are in operation in Ujjain district.
- ❖ In the district Ujjain there is 219 Quarry Lease of Basaltic stone (gitti stone), Number of Murram QLs are-30 and Soil QLs are 03 and a total are Identified and Notified for the purpose of Quarry Lease and as a whole, a sum total of 253 leases having 499.601 hectare area , consumes only 0.0819 % area of the district.

3. DETAILS OF THE REVENUE RECEIVED IN DISTRICT :-


S.No.	Financial Year	Revenue (In Cr.)
1	2019 – 20	11.159/-
2	2020 – 21	13.310/-
3	2021 – 22	13.854/-

Note :- Above mention revenue details are not including Royalty collected from Sand.

4. DETAILS OF MINERAL PRODUCTION OF DISTRICT:-

S.no	Mineral	FY 2019-20	FY 2020-21	FY 2021-22
1	Stone (Gitty)	957590	919623	1203200
2	M-Sand	-	-	13200
3	Murum	295546	235404	151718
4	Soil	10558	19652	17335

Note:- Above mention all Mineral Production data are in cubic meter.


State Level Environment Impact
Assessment Authority, M.P.
(EPCO)
Dr. V. V. R. Rao
Gwalior, M.P.


5. GENERAL PROFILE OF THE DISTRICT:-

S.No.	Items	Statistics	
1.	General Information		
	i) Geographical area	6091 Km ² (609874 ha.)	
	ii) Administrative Division		
	No. of Tehsil/Blocks	11/06	
	No. of Panchayats	630	
	Number of Villages	1144	
	iii) Population (Census 2011)	1,986,597	
	iv) Normal Rainfall	914.5 mm	
2.	Geomorphology		
	i) Physiographic Units:-	i. Malwa plateau	
	ii) Major Drainage:-	Ganga Basin I. Kshipra River II. Chhoti Kali Sindh III. Gambhir IV. Chambal V. Chamla	
3.	Land Use	Area (hact.)	
	I. Private land	533470	
	II. Revenue Land	73255	
	III. Forest Land	3149	
	IV. Total Crop Area (Kharif & Rabi)	1023873	
4.	Major Soil Types	Black cotton soil and Regur (Red and Yellow)	
5.	Principal Crops	Soyabean, Gram, Wheat	
6.	Irrigation by Different Sources	No.	Area irrigated (000ha)
	Dug wells	30330	63693
	Tube wells/Bore wells	97292	301605.2
	Tanks/Ponds	77	1014.09
	Canals	37	930.18
	Other Sources	-	19.77
	Net Irrigated Area	-	367262.24
	Gross irrigated area	-	367262.24

S.No.	Items	Statistics
7	Predominant Geological Formations	1. Alluvium 2. Deccan Trap basalts
8	Hydrogeology	
	Major water bearing formation	Alluvium weathered, vesicular and fractured basalt
	Pre-monsoon depth to water level range during 2021	14.00 to 23.00 m bgl
	Post-monsoon depth to water level range during 2021	2.00 to 9.20 m bgl
	Long term depth to water level range during 2021	0.39 to 0.45 m/yr (fall)
9	Ground Water Quality	
	Presence of Chemical constituents more than permissible limit (e.g. EC, F, As, Fe)	EC -707 to 3680 gs/cm at 25 C. Nitrate- 22 to 113 Flouride-0.45 to 1.88
10	Dynamic Ground Water Resources (2019-20)	Ham
	Net Annual Ground Water availability	84551
	Existing Gross Ground Water Draft	96470
	Projected Demand for Domestic and Industrial uses up to 25 years	845.51
	Stage of Ground Water Development	106%
11	Ground Water Control and Regulation	
	Number of Over-Exploited Blocks	3- Ujjain, Ghatia and Badnagar
	Number of Semi-Critical Blocks	2- Mahidpur and Khachrod
	Number of Safe Blocks	1- Tarana
12	Major Groundwater Problems and Issues	1. Depletion of groundwater levels. 2. Over- Exploitation of G.W. 3. Quality of Ground water at Nagda

6. LAND UTILIZATION PATTERN IN THE DISTRICT :-

PARTICULARS		Area (Hact.)
Agriculture	Total Crop land	1023873
	Current Shifting cultivation	-
	Fallow	-
	Plantation	-
Barren/unculturable/ Wastelands	Barren Rocky	5700
	Falling Land	2760
	Salt Affected Land	-
	Sandy Area	-
	Scrub Land	392.87
Mining	Sand mineral	345.347
	Minor mineral (Except sand)	1413.47
	Total	1758.817
Forest	Deciduous	4.08
	Evergreen/Semi evergreen	-
	Forest Plantation	-
	Scrub Forest	-
	Swamp / Mangroves	-
Grass/Grazing	Grass/Grazing	20564
Snow and Glacier	Snow and Glacier	-
Water bodies	Ponds	9159
	Canals	9220
	Wells	44321
	Tubewells	387118
	Other	27532


 State Level Environment Impact
 Assessment Authority, M.P.
 (M.C. 3)
 Bhopal
 Panchsheel Colony, Bhopal (M.P.)
 F-5, 1st Floor, Bhopal (M.P.)

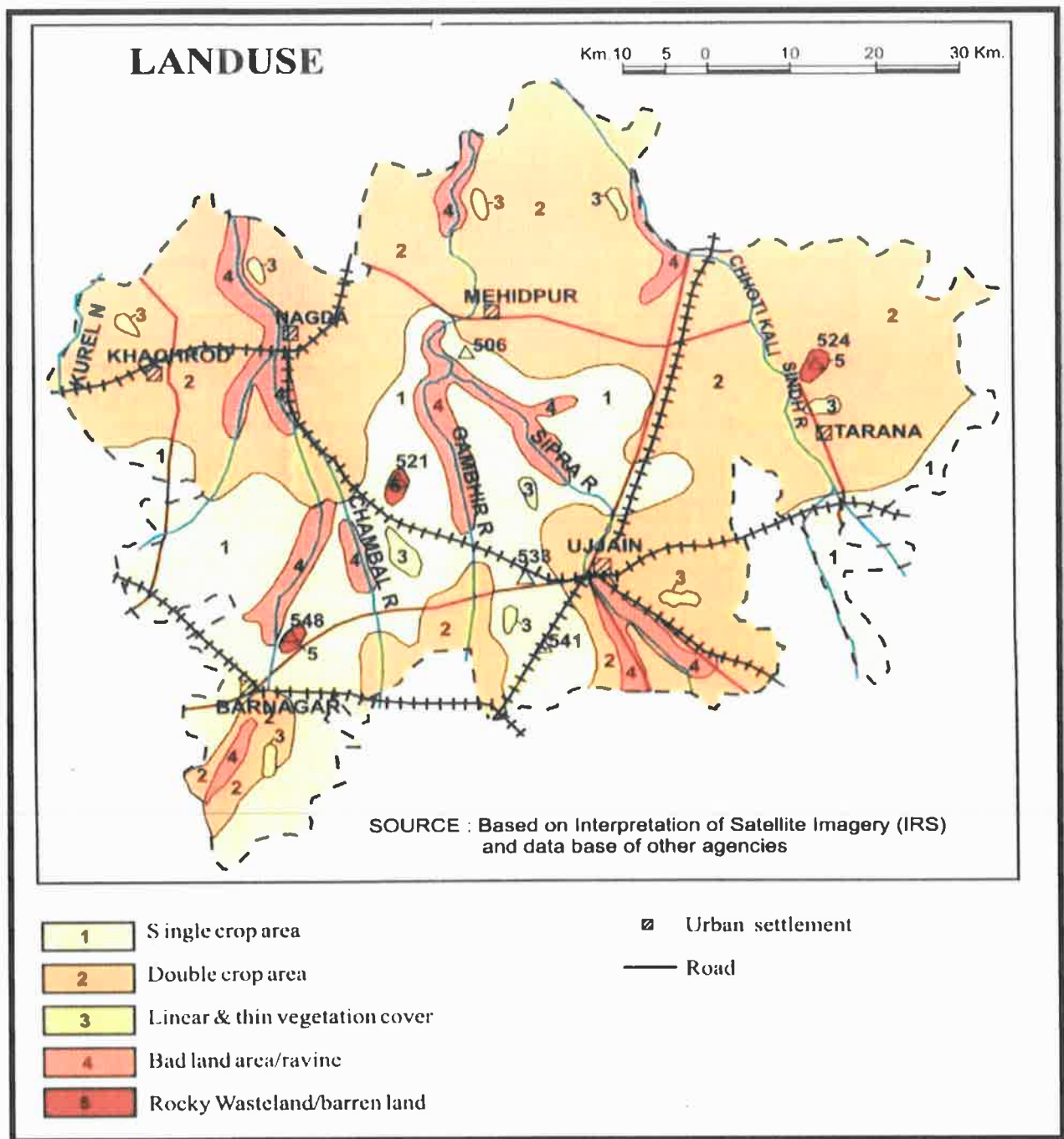


Fig 3: Land Use of the District

State Level Environment Impact
 Assessment Authority, M.P.
 (FNO)
 Faridkot, Patidar
 B-5, 2nd floor, Bhand (M.P.)

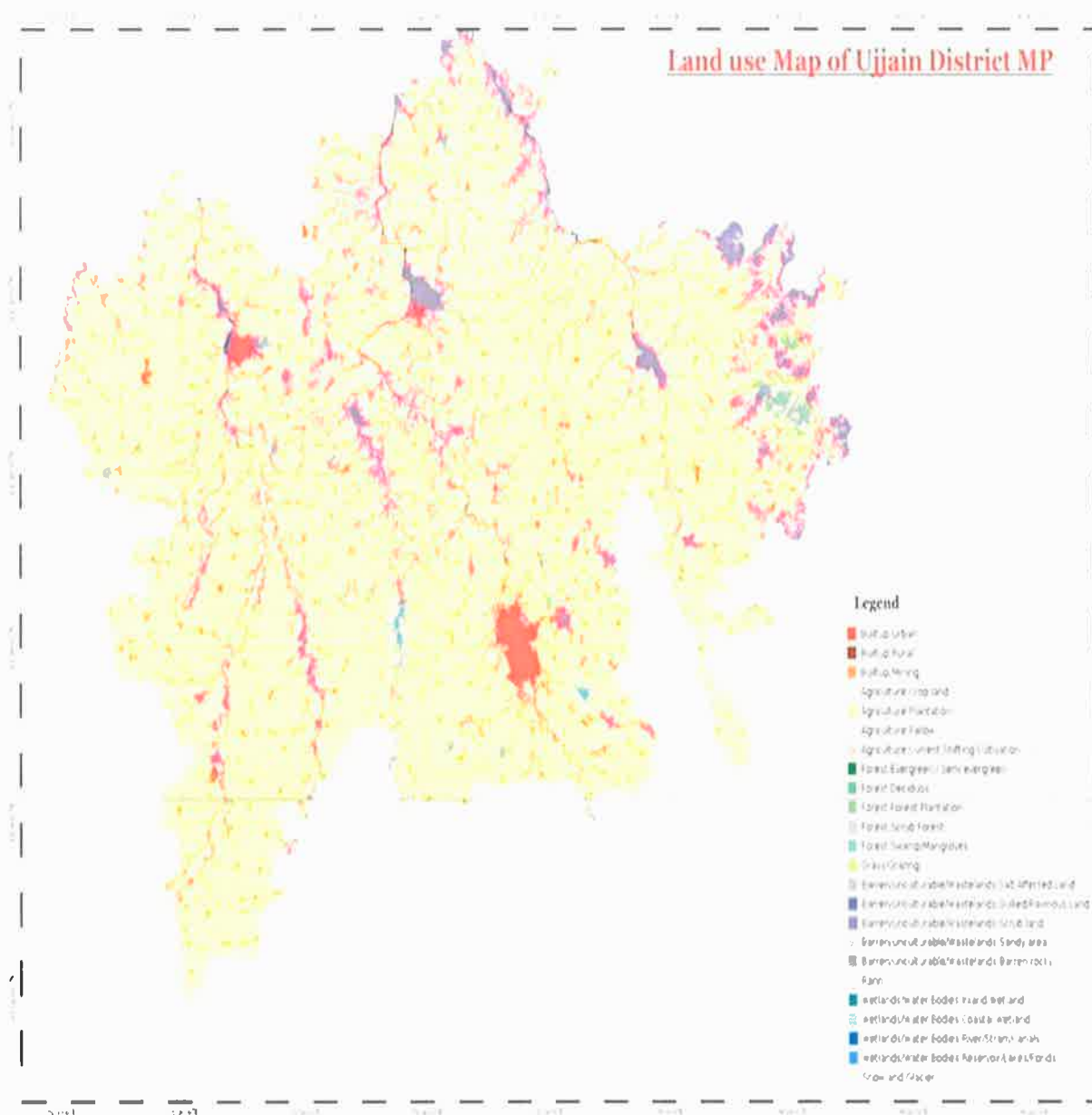


Fig :4 Land Use and Land Cover Map of the District

6.1. BRIEF INFORMATION ABOUT FOREST IN UJJAIN DISTRICT:-

Sr. No.	Particulars	
1	Establishment of Forest Division	Year 1997
2	Re-formation of Forest Division	Year 1982
3	Sub Divisions	02
4	Environmental forestry unit (working)	01
5	Notified Area	4024.14 Ha.
6	Unclassified forest	183.84 Ha.
7	Forest Bloks	18
8	Total forest area in Bloks	42.07 km ²
9	Forest area in Tehsil Ujjain	2.410 Ha.
10	Forest area in Tehsil Ghattiya	673.780 Ha.
11	Forest area in Tehsil Khachrod	53.481 Ha.
12	Forest area in Tehsil Tarana	2297.44 Ha.
13	Forest area in Tehsil Makdone	1273.47 Ha.
14	Vilages under 5km from forest boundary	67
15	Gram Van Samiti	21 (D- grade)

टीप :- वनमण्डल उज्जैन अन्तर्गत समूह - 5 के उष्ण कटिबंधीय शुष्क पर्णपाती वन हास अवस्थाओं के आधार पर डीएस-1 शुष्क पर्णपाती झाड़ी वन एवं डीएस-1 शुष्क घास वन पाए जाते हैं। वनमण्डल उज्जैन के वनों का वनक्षेत्र विहीन होकर झाड़ियों के रूप में है जिसका घनत्व 0.0 से 0.2 तक है।

7. PHYSIOGRAPHY OF THE DISTRICT:-

- ❖ Topography of the Ujjain district is highly rugged and undulating comprising hills, dissected plateau, valley and flats. Ujjain is located in the west-central part of India, and is north of the upper limit of the Vindhya Mountain ranges. Located on the Malwa plateau. It higher than the north Indian plains and the land rises towards the Vindhya ranges to the south. It is having an average elevation of 494 m(1620 ft). The region is an extension of the Deccan Traps formed between 60 to 68 million years ago at the end of the Cretaceous Period.
- ❖ Topographically the district area can be divided into two Physiographic Units, one is Undulating Plains and another is Low altitudes ridges & mounds.
- ❖ The maximum elevation of about 555.2m amsl is observed in the area of Badnagar block on a hill situated in village Bardia and lowest elevation is <380m amsl in the Khachrod & Mahidpur block area in the North of Ujjain district.

Table:- Max & min Elevations of the district Ujjain.

S.No.	Block	Elevation M. amsl		
		Max.	Min.	Diff.
1	Badnagar	552.2	471.5	83.5
2	Ghatia	528.5	465.5	63.5
3	Khachrod	530.1	441.4	88.6
4	Mahidpur	518.7	436.1	82.9
5	Tarana	521.5	420.0	102
6	Ujjain	537.7	462.7	75.3

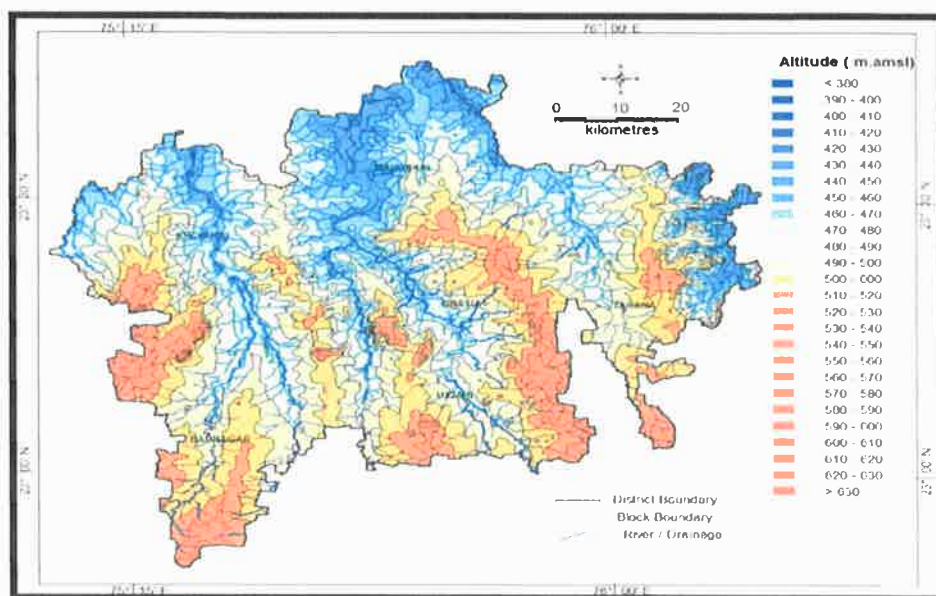


Fig : 5 Elevaion profile of the district

8. CLIMATIC CONDITION & RAINFALL OF THE DISTRICT:-

- ❖ Ujjain has a humid subtropical climate, with mild, dry winters, a hot summer and a humid monsoon season.
- ❖ Summers start in late April and go on till mid-June, the average temperature being around 30°C (86°F), with the peak of summer in May, when the highs regularly exceed 40°C (104°F).
- ❖ The monsoon starts in late June and ends in late September. These months see about 40 inches (1020 mm) of precipitation, frequent thunderstorms and flooding. IMD normal annual rainfall of Ujjain city is 715 mm. The normal annual rainfall of Ujjain district is 914.5 mm.
- ❖ Ujjain district receives maximum rainfall during southwest monsoon period i.e. June to November. About 92.10% of annual rainfall is received during monsoon season. The surplus water for groundwater recharge is available only during the southwest monsoon period.

Table :- Rainfall data of Ujjain district of last 30 years.

S.No.	Year	Ujjain center	Average district	S.No.	year	Ujjain center	Average district
1	1992-93	645.40	685.0	16	2007-08	1404.0	1132.20
2	1993-94	1303.0	1062.50	17	2008-09	736.50	649.10
3	1994-95	1225.50	1134.80	18	2009-10	1126.8	837.80
4	1995-96	1116.6	973.80	19	2010-11	730.40	742.40
5	1996-97	1244.20	1139.80	20	2011-12	1235.8	1148.40
6	1997-98	1034.0	1117.0	21	2012-13	1048.0	1069.50
7	1998-99	1122.0	1025.90	22	2013-14	1280.0	1329.10
8	1999-2000	976.80	1017.90	23	2014-15	739.00	764.60
9	2000-2001	442.20	428.10	24	2015-16	1507.0	1413.50
10	2001-02	597.20	624.50	25	2016-17	1209.0	1253.90
11	2002-2003	790.0	597.10	26	2017-18	887.00	819.90
12	2003-2004	1016.0	858.30	27	2018-19	916.00	815.20
13	2004-2005	871.0	797.90	28	2019-20	1645.0	1738.10
14	2005-2006	612.0	675.90	29	2020-21	1446.0	1199.00
15	2006-2007	2032.0	1715.7	30	2021-22	881.70	1131.20

Note:- The average rainfall of last 05 year in the district Ujjain is 1140.68 mm.

8.1. RAINFALL MONTH WISE:-

From June 2019 to May 2020 (Month wise and Tehsil wise)

Month	Ujjain	Ghatiya	Khachrod	Nagda	Badnagar	Mahidpur	Jharda	Tarana	Average
JUNE	107.0	170.0	185.0	235.0	115.0	109.0	0	186.0	158.1
JULY	289.0	275.0	330.0	616.0	445.0	267.0	0	342.0	366.3
AUGUST	598.0	581.0	495.0	606.0	300.0	110.0	0	875.0	552.1
SEPTEMBER	529.0	549.0	485.0	755.0	445.0	563.0	0	268.0	556.4
OCTOBER	99.0	50.0	54.0	30.0	79.0	91.0	0	51.0	64.8
NOVEMBER	7.0	11.0	24.0	20.0	26.0	28.0	0	7.0	17.6
DECEMBER	4.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.6
JANUARY	5.0	0.0	0.0	3.0	0.0	22.0	0	0.0	4.2
FEBRUARY	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0
MARCH	7.0	19.0	9.0	17.0	4.0	39.0	0	11.0	15.1
APRIL	0.0	0.0	0.0	0.0	0.0	0.0	0	10.0	1.4
MAY	0.0	0.0	0.0	0.0	0.0	6.0	0	4.0	1.5

From June 2020 to May 2021 (Month wise and Tehsil wise)

Month	Ujjain	Ghatiya	Khachrod	Nagda	Badnagar	Mahidpur	Jharda	Tarana	Average
JUNE	196.0	155.0	167.0	175.0	227.0	157.0	0	297.0	196.3
JULY	180.0	119.0	186.0	256.0	164.0	100.0	0	229.0	176.2
AUGUST	542.0	554.0	444.0	387.0	582.0	500.0	0	507.0	502.4
SEPTEMBER	419.0	262.0	263.0	193.0	274.0	105.0	0	144.0	237.1
OCTOBER	18.0	0.0	76.0	50.0	2.0	0.0	0	0.0	20.8
NOVEMBER	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0
DECEMBER	11.0	15.0	12.0	12.0	12.0	9.0	0	9.0	11.5
JANUARY	10.0	15.0	6.0	4.0	11.0	1.0	0	6.0	7.6
FEBRUARY	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0
MARCH	4.0	0.0	0.0	0.0	0.0	0.0	0	1.0	0.6
APRIL	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0
MAY	66.0	37.0	72.0	25.0	15.0	60.0	0	23.0	46.5

From June 2021 to May 2022 (Month wise and Tehsil wise)

Month	Ujjain	Ghatiya	Khachrod	Nagda	Badnagar	Mahidpur	Jharda	Tarana	Average
JUNE	123.0	78.0	136.0	160.0	177.0	107.0	159.0	177.0	132.1
JULY	221.0	467.0	349.0	372.0	340.0	506.0	468.0	230.0	369.2
AUGUST	255.0	269.0	256.0	344.0	183.0	309.0	377.0	241.0	279.2
SEPTEMBER	182.0	256.0	385.0	207.0	254.0	128.0	227.0	202.0	230.1
OCTOBER	54.0	60.0	76.0	96.0	55.0	112.0	84.0	42.0	72.4
NOVEMBER	8.0	0.0	32.0	42.0	11.0	10.0	10.0	0.0	14.1
DECEMBER	9.0	6.0	16.0	11.0	16.0	9.0	8.0	5.0	10.0
JANUARY	28.7	6.0	7.0	7.0	4.0	4.0	11.0	28.0	12.0
FEBRUARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MARCH	1.0	0.0	48.0	28.0	6.0	4.0	7.0	3.0	12.1
APRIL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE - A NEW CENTER AT JHARDA STARTED IN YEAR 2021-2022

9. GEOLOGY AND MINERAL WEALTH:-

- ❖ Entire area of the district Ujjain is occupied by Deccan Trap formations. Basalt flows are of late Cretaceous to Palaeocene age (68-62 m.y.). Eighteen horizontally disposed tholeiitic lava flows have been identified in the area and are classified under Kalisindh, Kankariya-Piurkheri and Indore Formations of Malwa Group.
- ❖ Some of the lava flows pinch out towards northeast. The lava flows are of simple type having 'Aa' lava characteristics. In the southwestern part of the district, middle and upper flows in the lava pile are of pahoehoe type.
- ❖ Kalisindh Formation comprising four 'Aa' flows with a thickness of 50 m is exposed along the Sipra, Chhoti Kalisindh and Lakhunder rivers in the northern part. The top part of the lava flows is generally fragmentary with a meter thick impersistent red bole. The bottom of flow is composed of beautiful columnar joints; these can be seen near village Paat, Parsi, Roopakhedhi and other villages.
- ❖ Kankaria-Piurkheri Formation is exposed in the northern part and in the upper reaches of Chamla, Chambal, Gambhir, Kshipra, Chhoti Kalisindh and Lakhundar Rivers. This formation comprises six 'Aa' basaltic flows with the bottom flows showing mixed characters. Fairly persistent red bole beds mark the undulatory flow contacts.
- ❖ Indore Formation forms sub-parallel residual plateaus with eight basalt flows showing mixed pahoehoe and 'Aa' characteristics.
- ❖ An impersistent inter-trappean bed comprising of thin laminated shale with Siltstone, Chert bands with pockets of Limestone, and Gastropod fossils are from a few places. Alluvium deposits of Quaternary age occur along the courses of Chhoti Kali Sindh and Lakhundar rivers. It generally consists of yellowish to brownish sandy soil mixed with kankar and pebble with a thin band of friable calcareous sand at base. The thickness varies from less than a meter to 25 m. Alluvium also occurs along the banks of the Chambal and its tributaries and has a thickness of more than 10 m.
- ❖ Deccan basalt that occurs extensively in the district is used as building stones and construction material. Massive basalts are locally quarried for stone bricks and pavement stones. The red bole occurring at the flow contacts is used for colour washing of village houses. Limestone from the inter-trappean bed is locally utilized for lime burning.

GEOLOGICAL SUCCESSION IN THE AREA OF UJJAIN AREA IS AS BELOW TABLE-

Succession	Formation	Age
Alluvium/ Laterite	Clay with kanker, sand and river alluvium	Recent to Pleistocene
Deccan trap	Basaltic lava flows with redbole and intertrappean beds	Upper cretaceous to Eocene
-----Unconformity-----		
Upper Vindhyan Bhandar Group	Sandstone and Shale sequence with conglomerate	Upper pre Cambrian to Lower protozoic

9.1. BASALTIC LAVA FLOWS IN UJJAIN (M AMSL):-

Basaltic Lava Flows (M AMSL)			Thickness (M)
XIV	555.2	548	7
XIII	548	519	29
XII	519	503	16
XI	503	487	16
X	487	460	27
IX	460	438	22
VIII	438	422	16
VII	422	394	28
VI	394	383	11
V	383	345	38
IV	345	326	19
III	326	308	18
II	308	292	16
I	292	286	6
0	<292		

9.1.1 BASALTIC FLOW UNITS:-

Each individual lava flow can be sub divided into 3 distinct units –

- Red bole (impersistent horizon)/clay.
- Vesicular/Amygdular basalt
- Massive and compact basalt

- **Red Bole Clay:** - The top of the individual flows is occasional marked by reddish brown clay material, termed as Red bole which at places is represented by grayish clay. The thickness of red bole varies from few centimeters to few meters. The red bole in its genetic relationship is an *insitu* product of baking and weathering of basalts representing a time gap between the two successive flows. This indicates the local topographic highs during the time gap of successive flows.
- **Vesicular/Amygdular Basalt:** - The vesicular unit of each flow forms the upper horizon and ranges in thickness from 1.5 meters to as much as 06 m forming 25 to 30% of the total thickness of flows. It is medium to coarse grained, softer than massive basalt and vesicles are commonly filled with secondary mineral like calcite, Zeolites and quartz.
- **Massive Basalt :-** It is fine to medium grained compact, dark greenish to grey colour and from 60 to 70% of the flow unit. It weathers along joints and spheroidal weathering is commonly seen. Columnar jointing is quite common.

9.1.2 DECCAN TRAPS:-

The Ujjain area and established Deccan trap basalt flows, lava flows occupy vast area in the north, central and western parts of Ujjain block. They have been classified into two formations viz: Kankariya and Indore based on diagnostic characters and marker horizons or inter-trappean beds are established.

Joints in Deccan trap :- Basaltic lava flows do not show any effect of tectonic disturbance and are sub-horizontal in disposition as revealed by subsurface correlation. The major joints as deciphered by GSI are shown below –

- (i) NE – SW (N 40° - 60° E, - S 40° - 60° W)
- (ii) NE – SE (N 30° - 50° E, - S 30° - 50° E)

9.1.3 LITHOSTRATIGRAPHIC SEQUENCE:-

The area forms the part of the Great Malwa Plateau exhibiting terraced steep like structures with occasional isolated hills varying altitude. The average height from 440m to 520m above M.S.L. Lava flows of the Deccan trap Suite covers an extensive area consists of a sequence of 29 basaltic lava flows with cumulative thickness of 442m. The low-lying plains are restricted to the major river valleys in the northern parts.

9.1.4 SOIL :-

Black cotton soils with heavy to light texture are found in the whole area. Light textured silty 'Kankar' and admixtures of clay in the form of alluvium occur along the bank of major streams. The district faces considerable problem of soil erosion, which is aided and abetted by faulty farming practices and also by natural agents like wind and water.

9.1.5 Alluvium formation :-

Occupy in the parts of south eastern area and as valley fill along river Kshipra, Gambhir and Chhoti kali Sindh in the central part of area.

9.1.6 Laterite :-

In very few Places it occurs as isolated capping over the Deccan trap in the extreme north western part of area. The general level of occurrence of the laterite capping is 500m amsl. It is reddish brown in color and soft rock in character.

10. DRAINAGE & IRRIGATION PATTERN :-

District Ujjain is drained by as many as eleven rivers viz. (1) Chambal, (2) The Shipra, (3) Chamlā, (4) Gambhir, (5) Lakhunder, (6) Khan, (7) Bageri, (8) Chhoti Kali Sindh, (9) Kudel, (10) Teelac & (11) Badi Kali Sindh.

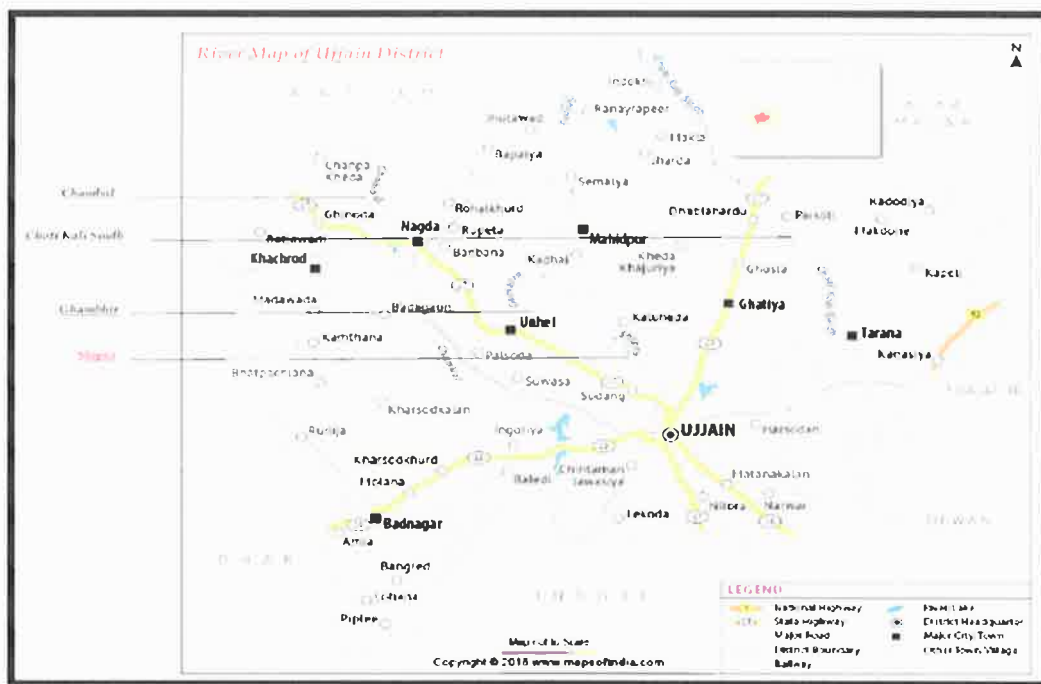


Fig -06 River Map of the District

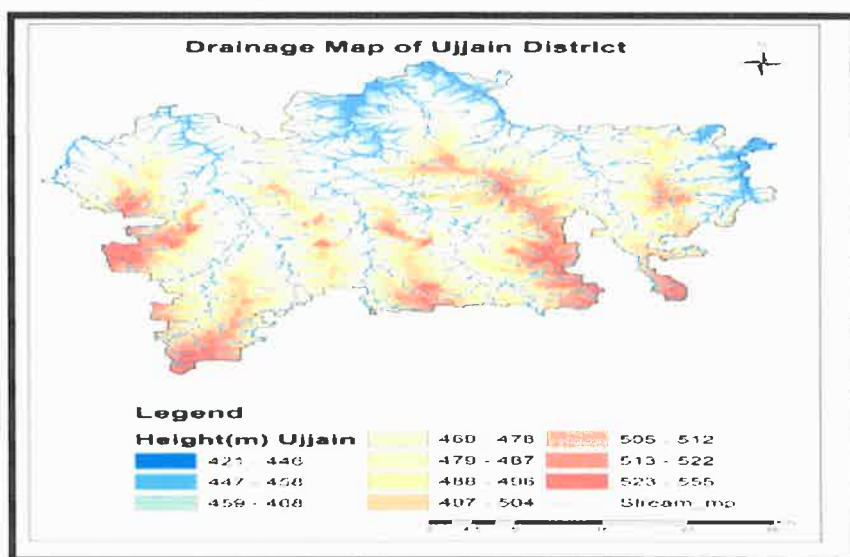


Fig -07 Drainage Map of the District

The major and minor streams are showing dendritic and sub parallel drainage pattern. In the valley fill area the branching of the stream is not visible. The Stream gradient is steep to moderate in the source region and it is moderate to gentle in the middle & lower reaches.

10.1 GEOMORPHOLOGY:-

The geomorphic surface in the area is such that the area becomes steep to moderately slopping to nearly flat in the middle reaches of the river. The distribution and structure of valleys landforms reflect the geomorphic processes that created them. Landform, any conspicuous topographic feature - mountains (including volcanic cones), plateaus, The Chamala, Khipra /Gambhir and Chhoti Kali Sindh river sub basin in Ujjain area are consist of flood deposit along the river banks and denudation hill, highly dissected Plateau. Pediment, vally fill and pedplain .

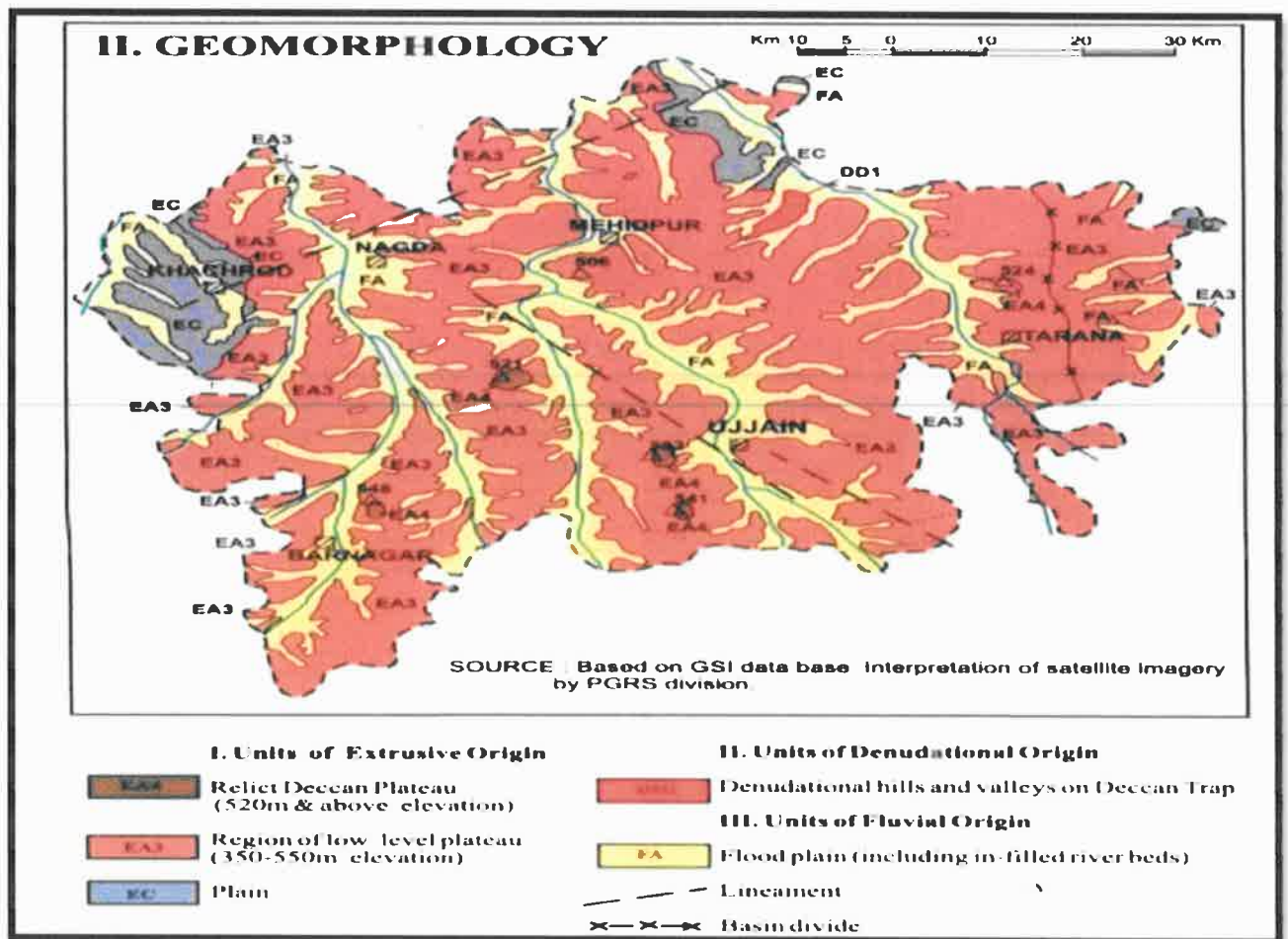


Fig -08 Geomorphology of the District

10.2. HYDROGEOMORPHOLOGY :-

An interdisciplinary science that focuses on the interaction and linkage of hydrologic processes with landforms or earth materials and the interaction of geomorphic processes with surface and subsurface water in temporal and spatial dimensions. The term 'hydro-geomorphology' designates the study of landforms caused by the action of water. Hydrogeomorphology describes and evaluates the environment, in which water circulates, thus providing the information to understand the situation and to make the proper decisions. Quantitative study of drainage basin provides the theoretical base for the hydrogeomorphic approach. Hydrogeomorphological mapping is one of the best-suited approaches to explore the possibility of groundwater resources especially in those areas where availability of surface water is insufficient. The study of Landsat imagery interpretation revealed that the Deccan basalt formation have developed distinct land form which helped in identifying the hydro geomorphological features of the potential prospects areas for groundwater availability in Ujjain area.

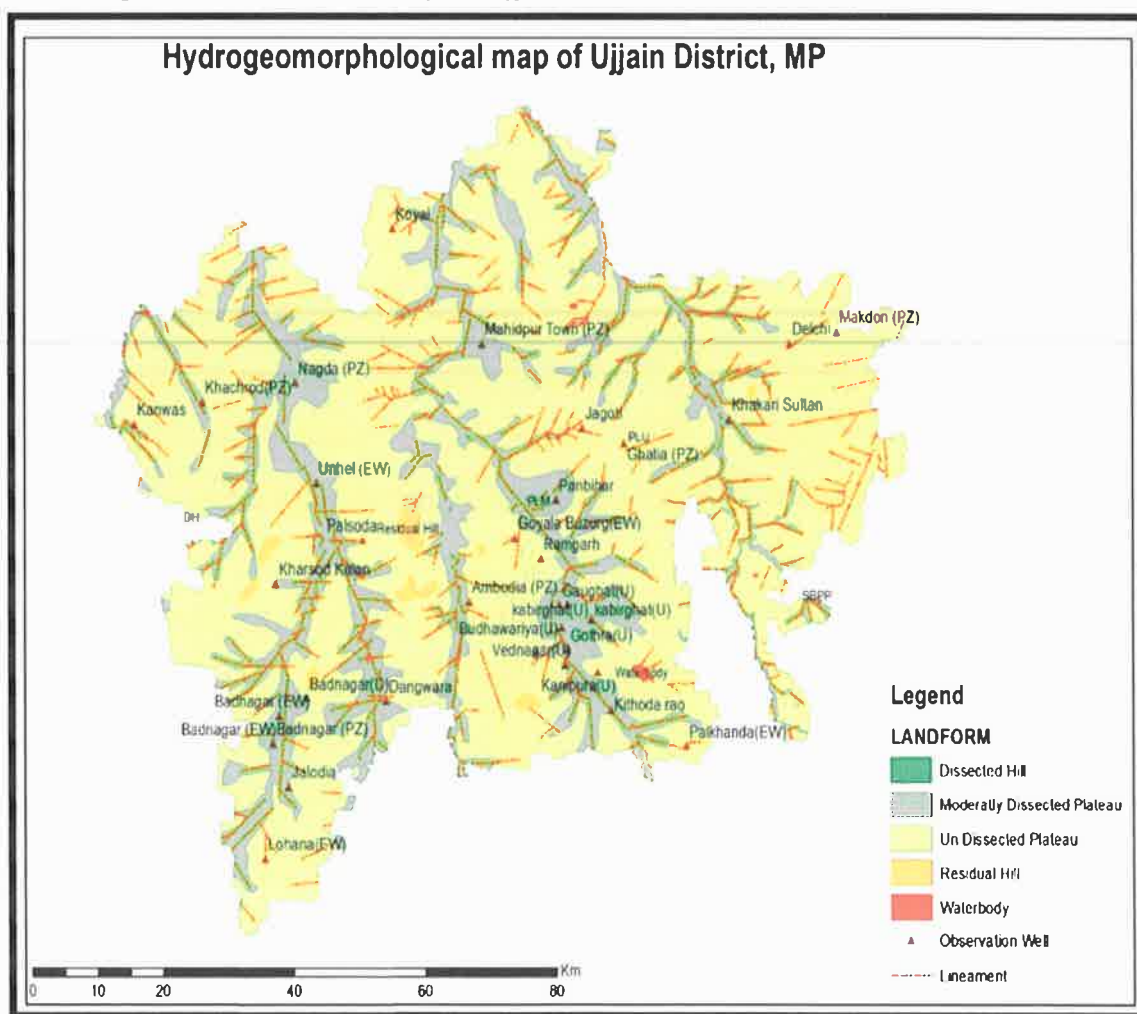


Fig-09 Hydrogeomorphological map of the District

11. SURFACE WATER AND GROUND WATER SCENARIO OF THE DISTRICT:

11.1 SURFACE WATER SCENARIO-

Ujjain primarily sources its water, from the Gambhir River, Kshipra River, Gambhir Dam and the Undasa Tank. Groundwater extraction points are widespread, but contribute to a significantly smaller amount of daily extraction compared to the surface sources. This is indicative of the fact that factors like average rainfall as well as quality of freshwater are important for sustainable resource management. Optimum water extraction quality treatment of wastewater is significant for efficient water management.

Surface water supply system leaves huge unmet demand in agriculture sector thereby shifting the demand pressure on unregulated ground water extraction at farmers private initiative and cost. The traditional crop varieties: Gram, Cotton, Paddy have now (more than a decade ago) been replaced by soyabean during rainy season followed by wheat in dry season where irrigation is available otherwise black gram, vegetables, horticulture. Major driver is level of certainty in current economic return (due to market support price for soyabeans, short crop duration, less water need, availability of processing units) from agricultural production to provide stable income to farmers.

The Kshipra is a river of Central India, also called Shipra or Avanti nadi and it is the most prominent Surface water source of the district. The Kshipra river originates in the Vindhya Range and flows in a northerly direction across the Malwa plateau to join the Chambal River. Upstream of its confluence with the Chambal.

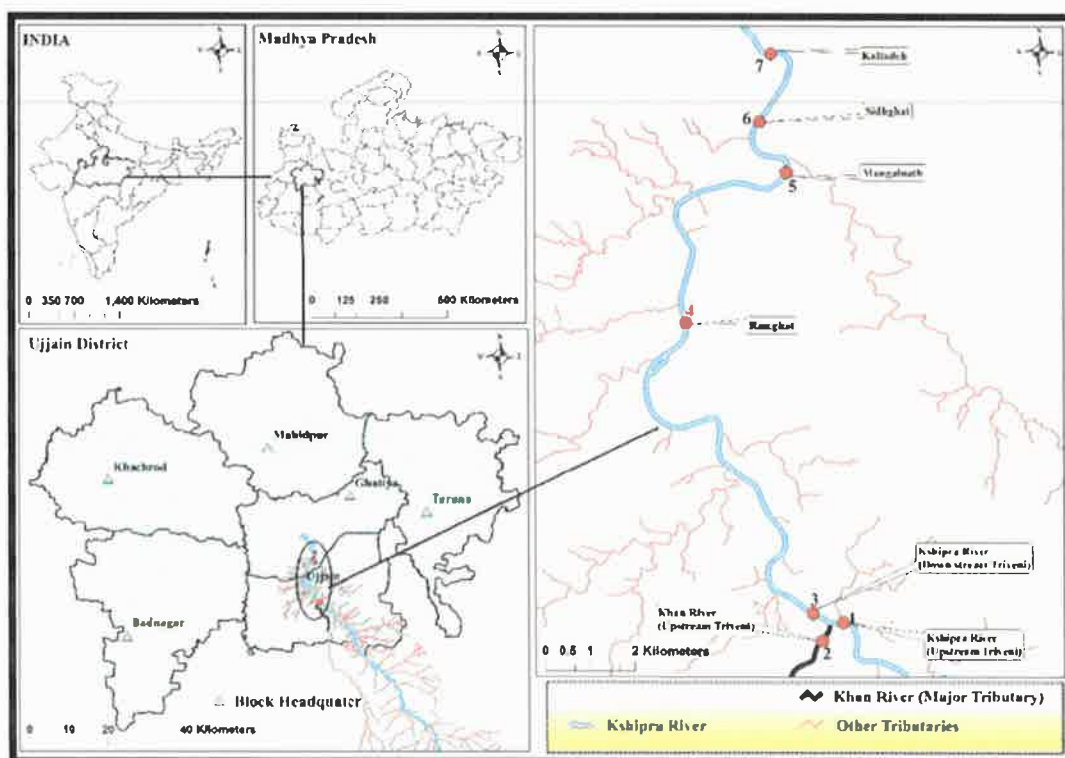


Figure -10 Kshipra River Basin in The Ujjain District

11.2 GROUNDWATER SCENARIO:-

The highest stage of ground water development is computed as 130 % in Ujjain block. The net ground water availability in the district is 81209 ham and ground water draft for all uses is 80080ham, making stage of ground water development 99 % (109 % in 2003/04) as a whole for district.

11.2.1) HYDROGEOLOGY:-

Deccan Trap basaltic rock occupies the entire Ujjain district. The different flows of basaltic rock are mostly of 'Aa' type but pahoehoe and intermediate type are also present. The soft amygdaloidal varieties usually occupy the flanks and valley floors. Geodes with Chalcedony, Zeolites, Agate and Calcite are found in amygdaloidal traps. At time Basalts are porphyritic and exhibits lath shaped phenocrysts of feldspar. The traps are invariably jointed. Vertical and inclined joints are also present. The trends of major joints are approximately NW-SE and NE-SW. The low knolls, elongated mounds erected ridges as seen from Marooda to Kanchankheri via Khachrod around Gopalpur, Dhanoria to Nagpura (Mahidpur block) appear to be formed by dykes. Weathering of basalt in initial stage has given rise to pale brown fragmented material with admixture of brownish yellow or pale yellow soil but with intensive weathering yellowish brown and black cotton soil. Usually the "Red bole" and vesicular basalt are prone to weathering and give rise extensive black cotton soil. These black cotton soil vary in thickness from a few centimetres to as much as 60 to 90 centimetres and are normally underlain with 'Kankar'. The various flows of basalts are at times inter bedded with fossiliferous inter-trappean. At places alluvium is found in the valley and stream course of Kshipra and Chambal Rivers. Geological Survey of India has mapped these lava flows are presented in Table.

Table: Elevation of basaltic lava Flows in Ujjain district

Flow No.	Elevation above mean sea level	Thickness of flow (m)	Occurrence and characteristic
5	534.84	-	Top weathered and under lying by red bole. Exposed near Barra Dhoulagiri, Umaria etc. Weathered zeolotic zone act as an aquifer.
4	503.0 - 534.84	31.84	Flow 4-cover maximum area of the district. It is amygdaloidal in nature and filled with secondary minerals and at bottom of this flow shows columnar joints.
3	457.73 - 483.0	25.27	Characterised by weathered vesicular basalt, vesicle filled with zeolites and calcite. Shows spheroidal weathering and are found as scattered hills exposed along Kshipra. Joints form the aquifer.
2	430.0 - 457.0	27.00	Big boulder on its top and boulder are vesicular and jointed. This flow has very promising water bearing zone, seen on Tarana-Ghosla road and hillock near tukrol village.
1	450 - 423	27.00	Out crops exposed at elevation between 480 and 423 m a.m.s.l and weathered to the extent of 10 m.

11.3 OCCURRENCE OF GROUNDWATER:-

Groundwater occurs in weathered rocks along fractures, joints and vesicles and it shows wide spatial and temporal variation due to large difference in the hydrogeological environment. Amygdaloidal nature of flow number 4 and filling of calcite, agate and chalcedony not only control the occurrence of phreatic groundwater but also hydrodynamic response input and discharge as output by way of fluctuation in water level during the pre and post monsoon seasons.

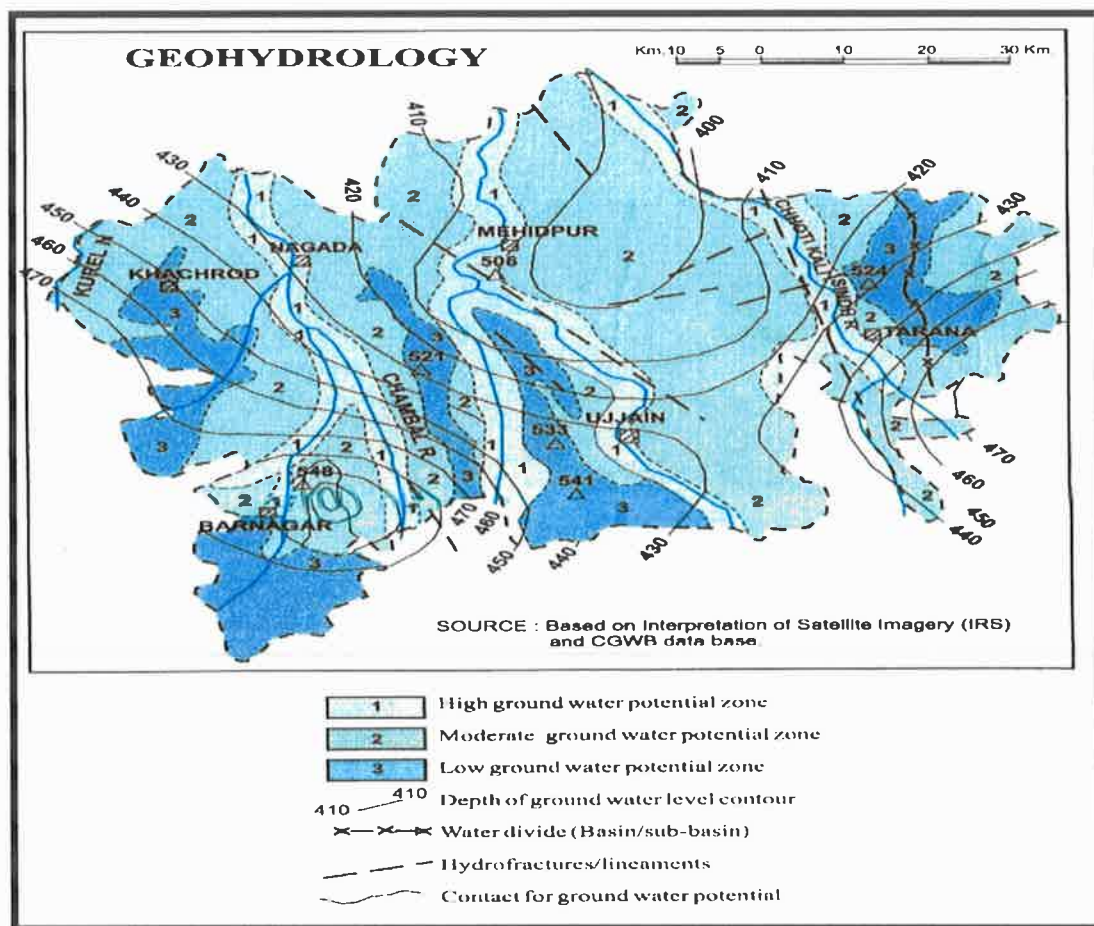


Fig-11-Geohydrology of the District

11.4 GROUNDWATER LEVELS:-

As the change in groundwater level is directly related to groundwater balance and its continuous records provide direct information of subsurface geo-environmental changes due to withdrawal of groundwater. To monitor the seasonal and annual change in quantity and quality of groundwater, CGWB has established 19 Groundwater Monitoring Wells and 26 Piezometers in the Ujjain district. The monitoring of groundwater levels in these wells is being carried out by CGWB during the month of May, August, November and January

11.5 PRE-MONSOON:-

In pre-monsoon period, Average depth to water level ranges between 5.00 m bgl to 20.00 m bgl. The most part of the district have water level in the range of 10-15 m bgl during the pre-monsoon.

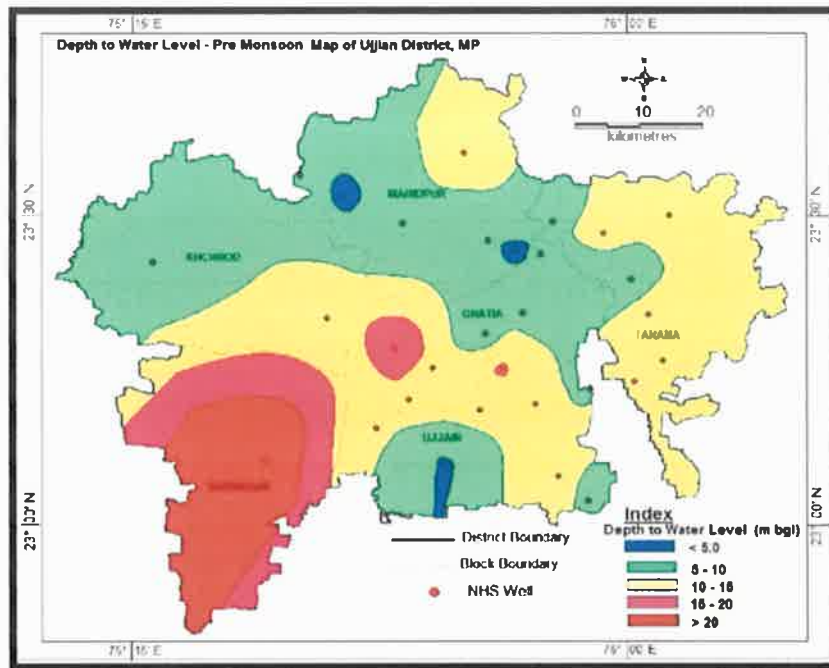


Fig-12 -Depth of water level Pre-monsoon Map of the District

11.6 POST-MONSOON:-

During post-monsoon period, Average depth to water level ranges from 5.0 m bgl to 15 m bgl. It is observed that in most part of the district the water level lies between 5-10 m bgl.

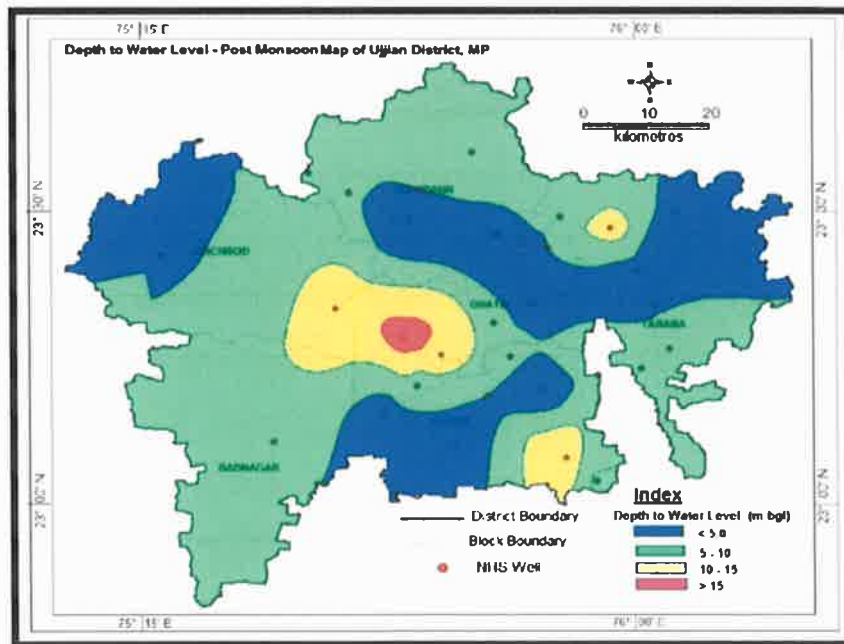


Fig-13-Depth of water level Post-monsoon Map of the District

11.7 AQUIFER PARAMETERS:-

Central Ground Water Board has drilled EW-39, OW-30, PZ-31 in the Ujjain district. Yield of Deccan Trap basalt formation vary from 0.3 at Kharsodkhurd to 20.5 lps at Kendriya Nagar. The draw down ranges between 2.27 at Mahakal to 80 m at Gambhir. The static water level is generally deep and varying from 2.75 m bgl at Narsinghat to more than 100m bgl at Kanasia.

11.8 GROUNDWATER RESOURCES

Ujjain district is underlain by mainly basaltic lava flows of Deccan trap. Dynamic ground water resources of the district have been estimated for base year -2008/09 on block-wise basis (table). There are six assessment units (block) in the district which fall under non-command (100 %). Mahidpur and Khachrod blocks of the district are categorized as semi critical. Badnagar, Ghatia and Ujjain blocks are categorized as over exploited. Only one block namely Tarana is Safe. The highest stage of ground water development is computed as 130 % in Ujjain block. The net ground water availability in the district is 81209 ham and ground water draft for all uses is 80080ham. making stage of ground water development 99 % (109 % in 2003/04) as a whole for district. After making allocation for future domestic and industrial supply for next 25 years, balance available ground water for future irrigation would be 371ham.

11.9 GROUND WATER QUALITY (HYDRO CHEMICAL) OF THE DISTRICT UJJAIN:-

- ❖ The pH of ground water of Ujjain district ranged in between 7.26 to 8.65. As per BIS recommendation, all water samples recorded within the permissible limit of 6.5 to 8.5. In the Ujjain district, pH has been observed more than 8.5 in the dug well of kaiytha (8.52), Khera Khajuria (8.55), Mahidpur road (8.65), Makdon (8.59) and Vijayganj Mandi (8.54). The ground water of the study area can be assessed as slightly neutral to alkaline nature.
- ❖ The electrical conductivity of ground water in Ujjain district ranged between 595 to 4085 $\mu\text{S}/\text{cm}$ at 25°C. The EC values more than 3000 $\mu\text{S}/\text{cm}$ at 25°C were recorded only at Kaiytha i.e. 4085 $\mu\text{S}/\text{cm}$ at 25°C. The electrical conductivity shows that the ground water in Ujjain district is good to slightly saline in nature.
- ❖ The fluoride concentration in Ujjain district ranged in between 0.09 to 1.57 mg/l. The BIS has set the maximum concentration of fluoride in drinking water is 1.5 mg/l as permissible limit. The maximum concentration of fluoride has been recorded in Nazarpur village i.e. 1.57 mg/l.
- ❖ In the district, nitrate concentration in ground water ranged in between 5 to 225 mg/l. The 29% ground water samples recorded nitrate concentration within the acceptable limit and 71% water samples recorded more than 45 mg/l as BIS recommendation. The highest concentration of nitrate has been detected in ground water of Ujjain Nagar Palika (225 mg/l). High nitrate in ground water appears may be due to anthropogenic activities or excessive use of fertilizers etc.
- ❖ Total hardness of ground water in the study area ranged in between 150 to 1580 mg/l. The maximum concentration of was observed in the dug well of Dablahardu (605 mg/l), Ujjain Nagar Palika (810 mg/l) and Kaiytha (1580 mg/l).
- ❖ In the district water is mixed type, saline in nature, temporary and permanent hardness type of water. The *US Salinity Diagram of Ujjain* district shows the ground water is low to high salinity classes i.e. C_2S_1 , C_3S_1 , C_3S_2 and C_4S_1 Classes. C_3 and C_4 classes of water should not be used for irrigation purpose unless proper soil management.

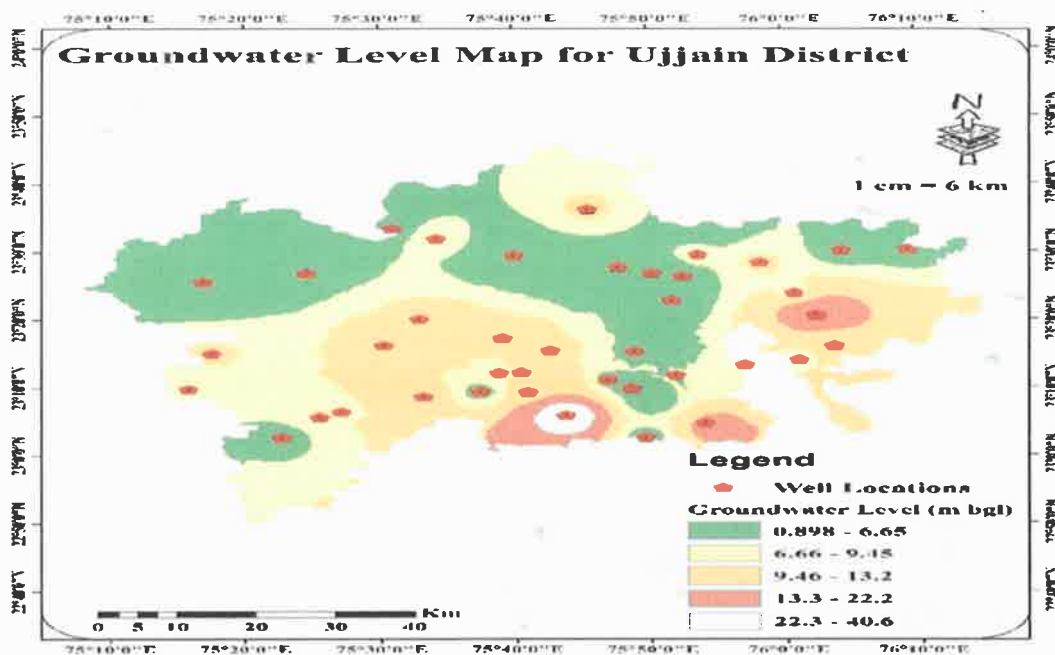


Fig-14 Ground water Level Map

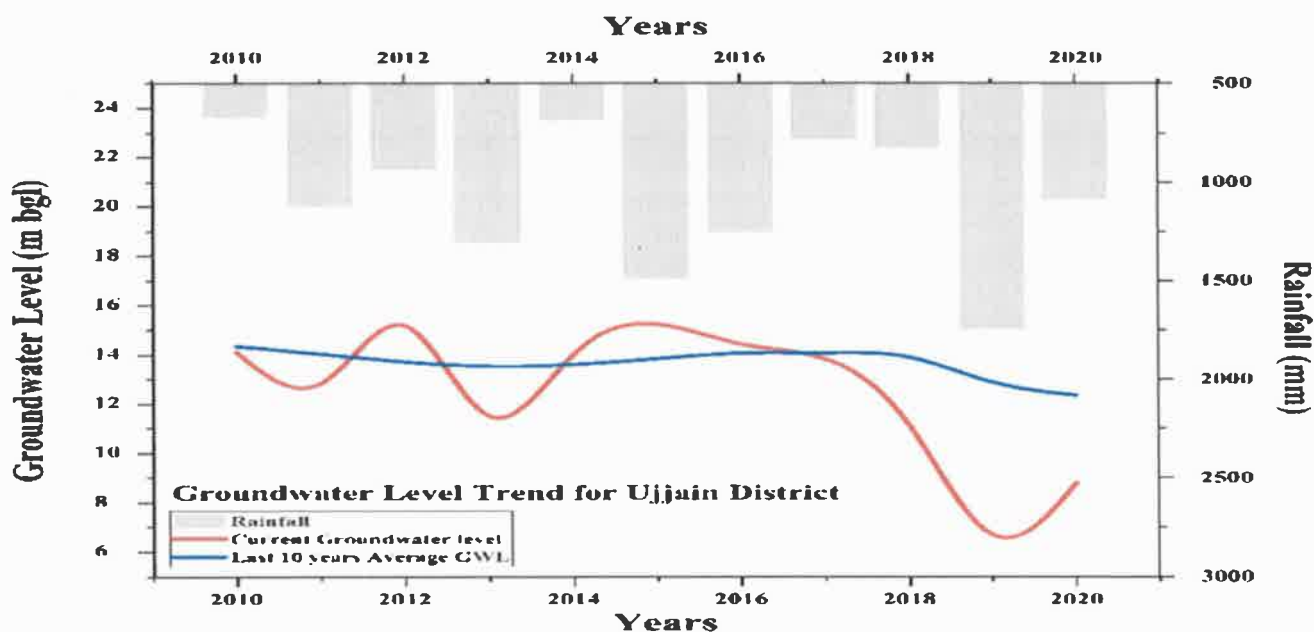


Fig-15 Ground water Trend Map of Ujjain District

12. DISTRICT MINERAL (RESOURCE) MAP:-

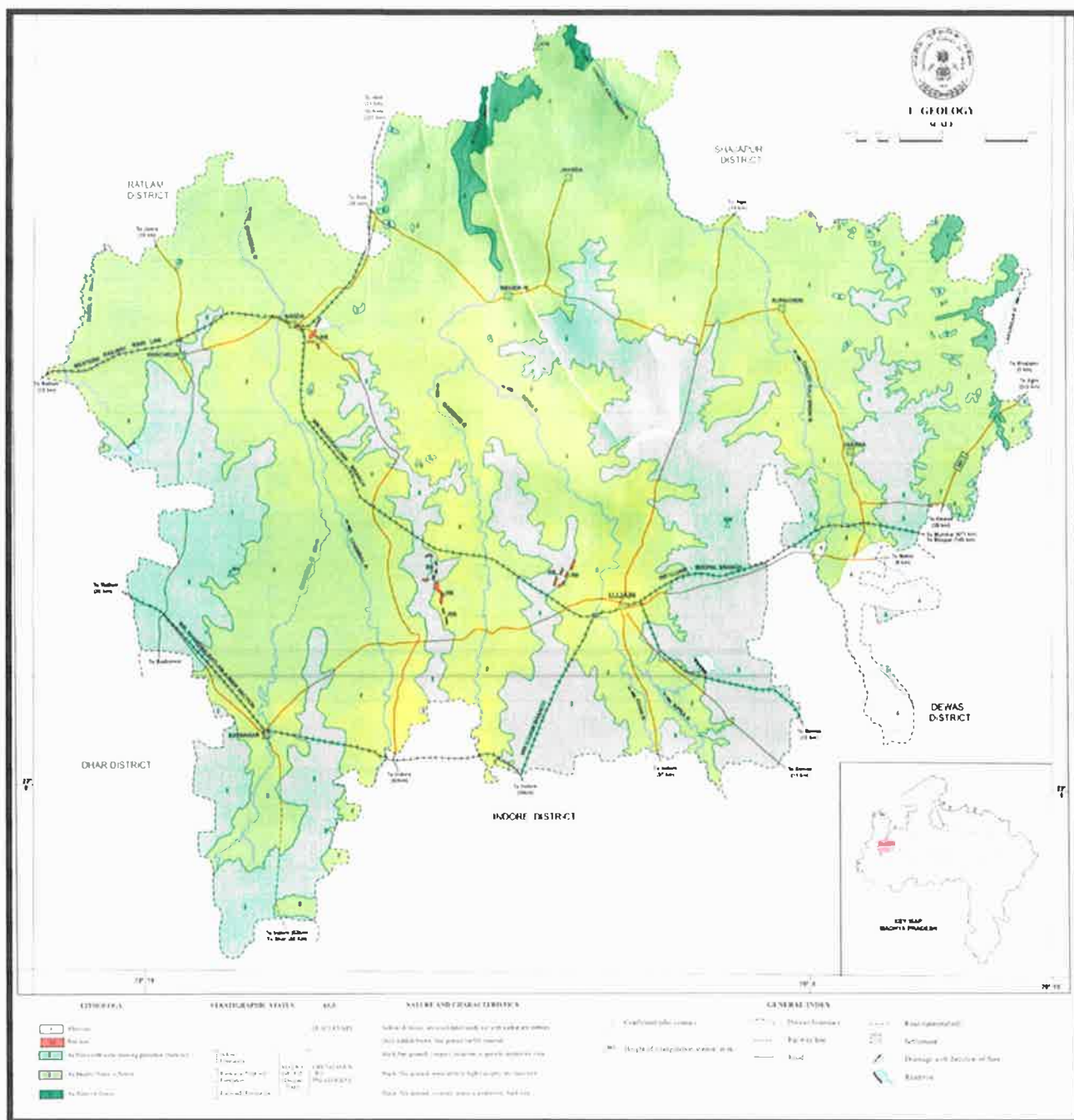



Fig-16 District Resource map of Ujjain.

13. खदान क्षेत्र में वृक्षारोपण की जानकारी :-


क्र.	पट्टेधारक	खनिज	ग्राम	रकबा (हे.)	पट्टावधि (प्रारंभिक)	पट्टावधि (नव-करण)	अक्षांश व देशांश	खदान क्षेत्र में वृक्षारोपण की जानकारी (वृक्षों की प्रजातियों के नाम-गुलमोहर, बबुल, नीम, पीपल, बादाम, बांस, अशोक, आम, आंवला, कदम, किकर आदि)
1	2	3	4	5	6	7	8	9
1	श्रीमती सागर मति वहादुर सिंह सिंघादिया निवासी ग्राम केसुनी पो वाढकुमेद उज्जैन	पर्यार	चकजयसम पुर	1.75	12.10.08 11.10.18	12.10.18 11.10.28	1- N23°10' 54.47" E 75°52' 10.62" 2- N23°10' 59.82" E 75°52' 14.40" 3- N23°10' 55.21" E 75°52' 10.43" 4- N23°10' 54.36" E 75°52' 14.36" 5- N23°10' 52.86" E 75°52' 10.88"	20 से 28
2	रामचन्द्र पिता देवाजी रामो नि. मातीपुरा, उज्जैन अंतराष्ट्रीय श्रीमति मीना मति सिन्हा कुशावाहा नि-अकपात मार्ग उज्जैन	पर्यार	चकजयसम र	1.500	12.10.08 11.10.18	12.10.18 11.10.28	1- N23°10' 53.73" E 75°52' 07.10" 2- N23°10' 53.50" E 75°52' 12.17" 3- N23°10' 49.79" E 75°52' 11.57" 4- N23°10' 49.79" E 75°52' 07.82"	25 से 30
3	श्री अमरेश्वर इन्फ्रा प्रो. प्रा. प्रिती भाटी निवासी-रस्सी गली 3 उर्दुपुरा उज्जैन	पर्यार	चकजयसम पुर	2.000	29.05.08 28.05.18	29.05.18 28.05.28	1- N23°10' 58.62" E 75°52' 06.13" 2- N23°10' 54.13" E 75°52' 10.61" 3- N23°10' 58.09" E 75°52' 10.61" 4- N23°10' 54.30" E 75°52' 06.73"	15 से 22
4	श्री परमेश्वर खान पिता वशीर खान निवासी-जामा मस्जिद रोड उज्जैन	पर्यार	जलालखेड़ी	2.000	01.08.16 31.07.21	01.08.21 31.07.25	1- N23°10' 42.36" E 75°42' 03.11" 2- N23°10' 42.32" E 75°42' 07.45" 3- N23°10' 35.23" E 75°42' 07.52" 4- N23°10' 35.26" E 75°42' 05.36" 5- N23°10' 39.02" E 75°42' 05.34" 6- N23°10' 39.03" E 75°42' 03.20"	20 से 25
5	गंगाराम पिता सिद्ध जी निवासी ग्राम खिलतीपुर तेहसील वाटिका	पर्यार	जलालखेड़ी	3.000	22.07.12 21.07.22	-	1- N23°10' 50.08" E 75°42' 02.60" 2- N23°10' 50.22" E 75°42' 12.88" 3- N23°10' 47.70" E 75°42' 04.60" 4- N23°10' 44.30" E 75°42' 02.65" 5- N23°10' 50.22" E 75°42' 12.88" 6- N23°10' 46.52" E 75°42' 10.86" 7- N23°10' 44.34" E 75°42' 04.67"	25 से 28
6	प्रशांत पिता नंदलाल यादव (मृत्यु उपरांत)	पर्यार	जलालखेड़ी	4.000	28.09.04 27.09.14	28.09.14 27.09.24	1- N23°10' 52.07" E 75°42' 57.05" 2- N23°10' 50.00" E 75°42' 13.00"	30 से 40

7	उत्तराधिकारी) श्रीमति अना पति स्व. प्रभात भादवा नि-180 अवधपुरी उज्जैन							
8	श्री गुजरात खान भिला वरीर खान नि. 59, जागा भारतीय सड़, उज्जैन	परधर	जालालखडी	2.000	30.08.05 29.08.15	30.08.15 29.08.25	1- N23°10 33.35" E 75°42 06.78" 2- N23°10 33.37" E 75°42 06.49" 3- N23°10 31.53" E 75°42 08.56" 4- N23°10 31.56" E 75°42 11.67" 5- N23°10 33.40" E 75°42 11.60" 6- N23°10 33.52" E 75°42 13.80" 7- N23°10 29.21" E 75°42 13.73" 8- N23°10 29.33" E 75°42 06.74"	20 से 25
9	श्रीमती आशा पति संजय भदवा नि. दशहरा मैदान, उज्जैन	परधर	उपडासा	3.311	20.10.05 19.10.15	20.10.15 19.10.25	1- N23°12 18.50" E 75°50 55.68" 2- N23°12 20.90" E 75°50 58.24" 3- N23°12 22.07" E 75°50 05.37" 4- N23°12 16.62" E 75°50 01.47" 5- N23°12 18.57" E 75°50 58.40" 6- N23°12 21.23" E 75°50 00.35" 7- N23°12 21.31" E 75°50 01.66" 8- N23°12 16.73" E 75°50 55.88"	40 से 50
10	श्री अनुराग भिला भारती रायण तिवारी नि 46 / 1, ऋविनगर एपसटेशन, उज्जैन	परधर	वकजयसाम पुर	1.550	30.11.05 29.11.15	30.11.15 29.11.25	1- N23°10 43.80" E 75°52 26.84" 2- N23°10 43.36" E 75°52 28.34" 3- N23°10 42.69" E 75°52 28.10" 4- N23°10 42.18" E 75°52 30.34" 5- N23°10 38.34" E 75°52 28.85" 6- N23°10 39.48" E 75°52 24.74"	20 से 22
11	संजय भिला पी.सी. जो. नि-5/21 महाकाल बाण्डिया जय. उज्जैन अंतरा श्रीमती वनिता पति सुरचनारायण अग्रवाल नि 75 ज.सी.मिल्स कपाउण्ड उज्जैन	परधर	उपडासा	1.500	30.08.05 29.08.15	30.08.15 29.08.25	1- N23°12 21.45" E 75°50 41.73" 2- N23°12 23.97" E 75°50 49.16" 3- N23°12 20.49" E 75°50 50.61" 4- N23°12 19.52" E 75°50 48.42" 5- N23°12 19.74" E 75°50 45.32" 6- N23°12 21.20" E 75°50 44.26"	20 से 25
12	कु. अदिति भिला डा. सुरनाथ शर्मा नि.- 47 / 1 अर्कपार मार्ग, उज्जैन	परधर	जैवालपुर	1.000	20.03.07 19.03.17	20.03.17 19.03.27	1- N23°11 12.42" E 75°51 57.85" 2- N23°11 10.25" E 75°51 57.30" 3- N23°11 10.4" E 75°52 01.7" 4- N23°11 12.1" E 75°51 02.1"	20 से 22
12	श्रीमती वधा पति श्री अनुराग सुद नि- आधीद नगर उज्जैन	परधर	वकजयसाम पुर	1.000	29.08.06 28.08.16	29.08.16 28.08.26	1- N23°5 46.649" 2- E 75°58 34.684"	20 से 24


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13	पंकज पिता हिरालाल जैन, निवासी-ताजपुर अंतरण अभिवेक पिता महम्म जैन नि 12 अशाक विहार कॉलोनी, उज्जैन	पर्यटन	शंकरपुर	1.000	18.06.07 17.06.17	18.06.17 17.06.27	1-N23°11'46.89" E 75°50'43.72" 2-N23°11'48.93" E 75°50'43.70" 3-N23°11'49.04" E 75°50'38.20" 4-N23°11'46.95" E 75°50'38.25"	20 से 25
14	श्रीमती आशा प्रदिन सजय महता नि. दशहरा मैदान, उज्जैन	पर्यटन	पिंगलेश्वर	1.890	08.02.08 07.02.18	08.02.18 07.02.28	1-N23°12'24.35" E 75°51'14.83" 2-N23°12'24.37" E 75°51'19.75" 3-N23°12'19.49" E 75°51'19.34" 4-N23°12'22.00" E 75°51'16.36" 5-N23°12'24.37" E 75°51'20.71" 6-N23°12'20.85" E 75°51'19.45" 7-N23°12'19.51" E 75°51'16.41" 8-N23°12'22.16" E 75°51'14.81"	24 से 28
15	श्रीमती वर्षा पति श्री अतुल सूर निवासी आजाद नगर, उज्जैन	पर्यटन	सुरजनबासा	1.500	24.05.08 23.05.18	24.05.18 23.05.28	1-N23°10'42.59" E 75°52'03.60" 2-N23°10'38.12" E 75°52'04.90" 3-N23°10'37.91" E 75°52'03.42" 4-N23°10'42.53" E 75°52'04.95" 5-N23°10'38.17" E 75°52'03.94"	25 से 27
16	विपिन पिता किशनलाल आर्य निवासी 2/3 निकास वाराही, उज्जैन अंतरण श्री राजपालसिंह पिता नवलसिंह निवासी-जम्हूरा उज्जैन	पर्यटन	पिपलियाकी छा	2.000	07.01.09 06.01.19	07.01.19 06.01.29	1-N23°15'31.24" E 75°53'20.36" 2-N23°15'31.21" E 75°53'25.29" 3-N23°15'31.20" E 75°53'29.20" 4-N23°15'30.91" E 75°53'28.78" 5-N23°15'28.50" E 75°53'28.50" 6-N23°15'28.54" E 75°53'20.00"	25 से 30
17	श्री भुवराजलाल पिता बालराम शर्मा निवासी-63 सुदामा नगर उज्जैन	पर्यटन	जलालखंडी	4.000	18.07.12 17.17.22	-	1-N23°10'57.37" E 75°42'09.22" 2-N23°10'50.92" E 75°42'06.47" 3-N23°10'52.06" E 75°42'06.62" 4-N23°10'57.27" E 75°42'15.59" 5-N23°10'50.31" E 75°42'15.59" 6-N23°10'52.88" E 75°42'08.72"	35 से 40
18	रमेश पिता बाबुलाल गायल	पर्यटन	शंकरपुर	1.000	19.01.07 18.01.17	19.01.17 18.01.27	1-N23°11'47.63" E 75°50'33.65" 2-N23°11'44.31" E 75°50'34.75"	20 से 25

	निवासी समुपपुरा, उज्जैन						3- N23°11' 48.23" E 75°50' 34.65" 4- N23°11' 48.52" E 75°50' 30.71" 5- N23°11' 46.05" E 75°50' 30.14"	
19	श्री अजुनीसिंह पिता शंकरसिंह निवासी-ग्राम मुनहसालसा, तहसील व जिला उज्जैन	पर्यार	मुनहसालसा	2.000	01.09.10 31.08.20	01.09.20. 31.08.30	1- N23°16' 16.63" E 75°53' 59.23" 2- N23°16' 16.64" E 75°53' 05.05" 3- N23°16' 15.10" E 75°53' 04.90" 4- N23°16' 15.16" E 75°53' 58.96"	25 से 30
20	श्री पाटवाला निहारस एण्ड भाईन्स, प्रा.लि. दारा रामेश्वर, साहूत पिता सत्यनारायण पाटवाला, निवासी-72, सुखानिवासी, पारस रज संगमसा, इंदौर	पर्यार	माकखेड़ी	3.730	25.11.15 24.11.20	25.11.20 24.11.25	1- N23°12' 41.38" E 75°52' 30.09" 2- N23°12' 42.10" E 75°52' 34.53" 3- N23°12' 37.98" E 75°52' 35.76" 4- N23°12' 38.91" E 75°52' 38.60" 5- N23°12' 34.32" E 75°52' 39.66" 6- N23°12' 32.15" E 75°52' 32.90"	30 से 36
21	श्री निरंज पिता दामनरायण जाट निवासी-ग्राम केशूनी, तहसील व जिला उज्जैन	पर्यार	सुरजनवासा	1.000	24.11.15 23.11.20	24.11.20 23.11.25	1- N23°10' 02.78" E 75°52' 08.20" 2- N23°10' 00.17" E 75°52' 03.87" 3- N23°10' 02.28" E 75°52' 01.95" 4- N23°10' 02.86" E 75°52' 03.98" 5- N23°10' 04.11" E 75°52' 07.49"	20 से 25
22	श्री राजश पिता रणछोदसिंह अंजना, निवासी-ग्राम केशूनी, तहसील व जिला उज्जैन	पर्यार	जलालखेड़ी	4.000	03.11.16 02.11.21	03.11.21 02.11.25	1- N23°10' 25.26" E 75°42' 12.12" 2- N23°10' 33.20" E 75°42' 11.49" 3- N23°10' 33.97" E 75°42' 16.57" 4- N23°10' 29.86" E 75°42' 18.18" 5- N23°10' 25.28" E 75°42' 15.20"	40 से 50
23	श्रीमती पुनम पति राजश अंजना, निवासी-ग्राम केशूनी, तहसील व जिला उज्जैन श्री जीवन पिता कुलवीर निवासी-ग्राम संभराली उज्जैन	पर्यार	जलालखेड़ी	1.000	03.11.16 02.11.21	03.11.21 02.11.25	1- N23°12' 17.08" E 75°42' 09.85" 2- N23°12' 18.29" E 75°42' 14.76" 3- N23°12' 13.58" E 75°42' 13.72"	20 से 24
24	श्री जगदीश प्रसाद पिता रामरंण शुक्ला निवासी-11 बड़ा तौलीवाडा, उज्जैन	पर्यार	पिंगलेश्वर	2.000	12.06.12 11.06.17	12.06.17 11.06.22	1- N23°12' 42.60" E 75°52' 24.00" 2- N23°12' 45.50" E 75°52' 29.31" 3- N23°12' 41.36" E 75°52' 29.67" 4- N23°12' 10.49" E 75°52' 24.72"	25 से 30


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	अंतरण जिला नंद पिला जगदीश जाट निवासी-शंकरपुर							
25	श्री दिनश पिला मदनलाल शर्मा निवासी-एल.आई.जी 107 पटेल नगर उज्जैन	पथर	गुनाई खालसा	1.000	24.05.14 23.05.24	-	1- N23 ⁰ 15 45.06" E 75 ⁰ 53.56.01" 2- N23 ⁰ 15 42.02" E 75 ⁰ 53.52.07" 3- N23 ⁰ 15 40.02" E 75 ⁰ 53.54.08" 4- N23 ⁰ 15 43.06" E 75 ⁰ 53.59.00"	20 से 25
26	श्री अक्षयकुमार पिला दिलीप कुमार जैन निवासी-30 क्षणक मार्ग बाफना रंजीडेन्सी उज्जैन	पथर	सुरजनवासा	1.600	08.08.14 07.08.24	-	1- N23 ⁰ 10 33.28" E 75 ⁰ 52.37.40" 2- N23 ⁰ 10 32.34" E 75 ⁰ 52.41.37" 3- N23 ⁰ 10 30.90" E 75 ⁰ 52.41.01" 4- N23 ⁰ 10 30.20" E 75 ⁰ 52.44.36" 5- N23 ⁰ 10 28.71" E 75 ⁰ 52.44.00" 6- N23 ⁰ 10 30.27" E 75 ⁰ 52.36.42"	26 से 32
27	श्री सिद्धनाथ पिला प्रभुलाल निवासी-धुपाडा तह. मोहन बडादिया जिला शाजापुर अंतरण श्रीमति दिपिका पति अश्विन मेहता निवासी-नमकमण्डी उज्जैन	पथर	सुरजनवासा	1.200	24.05.14 23.05.24	-	1- N23 ⁰ 10 34.244" E 75 ⁰ 52.42.43" 2- N23 ⁰ 10 33.341" E 75 ⁰ 52.45.38" 3- N23 ⁰ 10 32.425" E 75 ⁰ 52.45.447" 4- N23 ⁰ 10 29.481" E 75 ⁰ 52.44.261" 5- N23 ⁰ 10 30.328" E 75 ⁰ 52.41.097"	20 से 25
28	श्री इन्दरेश पिला अब्दुल रज्जाक निवासी-इकबाल मंजिल देवास रोड उज्जैन	पथर	बोडानी	1.000	01.02.14 31.01.24	-	1- N23 ⁰ 8 56.123" E 75 ⁰ 56.11.438" 2- N23 ⁰ 8 52.734" E 75 ⁰ 56.11.62" 3- N23 ⁰ 8 52.211" E 75 ⁰ 56.8.358" 4- N23 ⁰ 8 56.156" E 75 ⁰ 56.8.481"	15 से 20
29	श्री देवेन्द्र पिला जसवंतसिंह निवासी-पिपलदा द्वारकाधीश उज्जैन	पथर	पिपलदा रकाधीश	1.540	14.01.14 13.01.24	-	1- N23 ⁰ 05 05.7" E 75 ⁰ 59.09.17" 2- N23 ⁰ 05 04.91" E 75 ⁰ 59.11.80" 3- N23 ⁰ 05 00.12" E 75 ⁰ 59.07.70" 4- N23 ⁰ 05 00.12" E 75 ⁰ 59.10.65"	21 से 26
30	श्रीमति वार्ता पति अतुल सूर निवासी-आजाद नगर उज्जैन	पथर	जयवंतपुर	1.000	20.03.14 19.03.24	-	1- N23 ⁰ 11 1.53" E 75 ⁰ 51.57.03" 2- N23 ⁰ 11 1.58" E 75 ⁰ 51.59.58" 3- N23 ⁰ 11 3.73" E 75 ⁰ 51.59.58" 4- N23 ⁰ 11 3.73" E 75 ⁰ 51.1.36" 5- N23 ⁰ 11 59.79" E 75 ⁰ 51.1.39" 6- N23 ⁰ 11 59.83" E 75 ⁰ 51.57.00"	20 से 24
31	श्री संदीपकुमार पिला	पथर	चक्रजयाराम	1.000	08.08.14	-	1- N23 ⁰ 10 49.01" E 75 ⁰ 52.23.20"	18 से 24

	अनायासकार जैन निवासी-8 / एदरहरा मंदिर उज्जैन		पुर		07.08.24			2- N23°10'52.30" E 75°52'23.50" 3- N23°10'48.54" E 75°52'25.62"	
32	श्री जीपन पिता मंजुलाल पारिवार नि-ग्राम बंदूखड़ी सह उज्जैन अंतरण श्री प्रशान्त कान्तमननी पिता कवी कृष्णराव निवासी-उज्जैन	परधर	जलालखेड़ी	1.500	06.01.14 05.01.24	-		1- N23°10'52.7" E 75°41'57.5" 2- N23°10'50.00" E 75°42'13.0"	25 से 32
33	श्री वन्दरा पिता लक्ष्मीनारायण शर्मा निवासी-महेश विहार कालीनी उज्जैन	परधर	मुनाई खालसा	4.000	03.11.14 02.11.24	-		1- N23°16'08.07" E 75°53'54.76" 2- N23°16'07.87" E 75°53'01.46" 3- N23°16'02.13" E 75°53'01.35" 4- N23°16'02.19" E 75°53'53.24"	45 से 52
34	श्री संजय पिता प्रताप महता निवासी-40 महारावता नगर उज्जैन	परधर	मुनाई खालसा	4.000	30.08.2016 29.08.2026	-		1- N23°16'29.92" E 75°54'02.96" 2- N23°16'29.95" E 75°54'07.14" 3- N23°16'26.01" E 75°54'06.17" 4- N23°16'24.10" E 75°51'49.93" 5- N23°16'24.29" E 75°54'02.45"	48 से 54
35	श्रीमति वंदना माते नरेश केन निवासी- मेनकापुरा सहसील पारसा जिला मुरना अंतरण श्री संजय पिता दादूलाल चौधरी नि-ग्राम केरुनी सह व जिला उज्जैन	परधर	सुरजनवासा	2.000	25.04.15 24.04.25	-		1- N23°10'50.09" E 75°52'18.50" 2- N23°10'04.00" E 75°52'15.40" 3- N23°10'00.60" E 75°52'17.50"	20 से 30
36	श्रीमती सागर माते महादुरासिंह सिसादिया निवासी ग्राम कसुनी मार्ग वाडकुम्भद त. उज्जैन	परधर	वाकजयसाम पुर	1.920	08.08.14 07.08.24	-		1- N23°10'56.38" E 75°52'14.67" 2- N23°10'55.77" E 75°52'18.27" 3- N23°10'53.77" E 75°52'18.66" 4- N23°10'51.36" E 75°52'23.67" 5- N23°10'49.28" E 75°52'23.13" 6- N23°10'49.36" E 75°52'17.84" 7- N23°10'53.80" E 75°52'18.02" 8- N23°10'54.18" E 75°52'14.44"	23 से 25
37	श्रीमते आशा पति परधर महता	परधर	वाडकुम्भद	4.000	05.12.14 04.12.24	-		1- N23°09'49.20" E 75°54'59.70" 2- N23°09'49.67" E 75°54'59.93" 3- N23°09'52.21" E 75°55'02.56"	40 से 48



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	निवासी-40 महाश्वेता नगर उज्जैन						4- N23°09'51.78" E 75°55'03.50" 5- N23°09'57.42" E 75°55'06.42" 6- N23°09'57.09" E 75°55'07.74" 7- N23°09'55.21" E 75°55'07.72" 8- N23°09'54.92" E 75°55'09.02" 9- N23°09'54.14" E 75°55'08.82" 10- N23°09'49.52" E 75°55'04.03" 11- N23°09'48.90" E 75°55'05.77" 12- N23°09'51.43" E 75°55'08.97" 13- N23°09'49.42" E 75°55'10.11" 14- N23°09'46.49" E 75°55'10.47" 15- N23°09'46.68" E 75°55'03.16"	
38	श्री संजय पिता प्रताप मेहता निवासी-40 महाश्वेता नगर उज्जैन	पर्यार	बाढकुमर	4.000	05.12.14 04.12.24	-	1- N23°09'46.68" E 75°55'3.16" 2- N23°09'46.49" E 75°55'10.47" 3- N23°09'42.62" E 75°55'9.85" 4- N23°09'42.26" E 75°55'15.16" 5- N23°09'40.75" E 75°55'16.9" 6- N23°09'40.68" E 75°55'09.8" 7- N23°09'41.90" E 75°55'5.12"	35 से 40
39	श्री देवेन्द्र पिता जयवंतसिंह निवासी-पिपल्यावा द्वारकाधीश उज्जैन	पर्यार	माधोपुर	1.910	05.11.15 04.11.25	-	1- N23°05'55.38" E 75°58'35.24" 2- N23°05'56.36" E 75°58'42.53" 3- N23°05'52.92" E 75°58'42.63" 4- N23°05'52.49" E 75°58'35.55"	25 से 35
40	विजय पिता देवनारायण जाट नि. गाम केसुनी तह. व जिला उज्जैन	पर्यार	सुरजनवास	1.000	05.02.16 04.02.26	-	1- N23°10'04.00" E 75°52'19.00" 2- N23°10'50.09" E 75°52'18.50" 3- N23°10'04.00" E 75°52'15.40" 4- N23°10'00.60" E 75°52'17.50"	20 से 25
41	केसरसिंह पिता रामेश्वर पटेल. नि-101/2 दुर्गा कालोनी उज्जैन	पर्यार	पिपल्यावा I	2.25	09.03.16 08.03.26	-	1- N23°15'24.44" E 75°55'14.17" 2- N23°15'24.45" E 75°55'15.16" 3- N23°15'25.44" E 75°55'15.16" 4- N23°15'25.75" E 75°55'14.15"	25 से 29
42	शुभम पिता यनश्याम शर्मा निवासी-47/1 मंगल उद्यान गली नं. 4 अंबतिपुरा उज्जैन	पर्यार	ताजपुर	2.000	28.06.2016 27.06.2026	-	1- N23°13'13.86" E 75°53'09.42" 2- N23°13'14.46" E 75°53'12.48" 3- N23°13'07.75" E 75°53'12.74" 4- N23°13'07.23" E 75°53'10.57"	25 से 35



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43	श्री सविन्द पितो राजन्द जट विवासी-ग्राम हवकानीपुरा लह. व जिला उज्जैन	परधर	नहरिया	1.000	26.12.16 25.12.26	-	1- N23°14'03.97" E 75°50'38.85" 2- N23°14'04.63" E 75°50'45.45" 3- N23°14'04.30" E 75°50'45.51" 4- N23°14'04.37" E 75°50'45.84" 5- N23°14'03.48" E 75°50'46.04" 6- N23°14'02.74" E 75°50'39.27"	20 से 24
44	श्री सुरेश पितो वर्कसिंह नाटिया जिलासी-रेल्वे स्टेशन ग्राम आसलवादा	परधर	चकजयरापुर र	0.930	30.06.18 29.06.28	-	1- N23°10'56.75" E 75°52'18.98" 2- N23°10'56.82" E 75°52'22.87" 3- N23°10'56.69" E 75°52'22.87" 4- N23°10'56.31" E 75°52'25.56" 5- N23°10'54.52" E 75°52'25.63" 6- N23°10'55.66" E 75°52'18.95"	15 से 20
45	श्री विरजयसिंह पितो रणजेलसिंह विवासी-ग्राम नरधर लह. व जिला उज्जैन	परधर	कडछा	1.000	30.08.17 29.08.27	-	1- N23°07'23.15" E 75°55'36.93" 2- N23°07'23.37" E 75°55'41.93" 3- N23°07'24.08" E 75°55'42.19" 4- N23°07'23.54" E 75°55'45.55" 5- N23°07'21.69" E 75°55'45.11" 6- N23°07'22.11" E 75°55'41.79" 7- N23°07'21.37" E 75°55'41.65" 8- N23°07'22.20" E 75°55'36.81"	18 से 25
46	श्री कायाल पितो इन्दर भावल विवासी-एमआई जी. नगर उज्जैन	परधर	ब्यावरा	4.000	19.12.17 18.12.27	-	1- N23°10'43.1" E 75°55'57.00" 2- N23°10'39.9" E 75°56'01.5" 3- N23°10'47.00" E 75°56'19.00" 4- N23°10'47.6" E 75°56'21.7"	45 से 52
47	श्री वट्ठाल पितो सतीश विवासी-जलाशयेडो लह. व जिला उज्जैन	परधर	जलाशयेडो	2.560	13.09.18 12.09.28	-	1- N23°10'28.65" E 75°42'06.99" 2- N23°10'30.21" E 75°42'13.47" 3- N23°10'26.89" E 75°42'14.79" 4- N23°10'25.71" E 75°42'07.94" 5- N23°10'26.02" E 75°42'14.29" 6- N23°10'24.39" E 75°42'09.00" 7- N23°10'25.85" E 75°42'08.53"	30 से 35
48	श्री करिषलासिंह पितो विसेनसिंह	परधर	चकजयरापुर र	1.990	09.02.18 08.02.28	-	1- N23°10'48.82" E 75°52'12.01" 2- N23°10'50.77" E 75°52'12.18" 3- N23°10'50.57" E 75°52'14.93"	20 से 25

	निवासी-म्यालिथर					4- N23°10'49.65" E 75°52'14.84" 5- N23°10'49.13" E 75°52'17.88" 6- N23°10'48.31" E 75°52'17.80" 7- N23°10'47.63" E 75°52'22.63" 8- N23°10'47.29" E 75°52'22.55" 9- N23°10'47.31" E 75°52'21.64" 10- N23°10'45.73" E 75°52'21.36" 11- N23°10'46.56" E 75°52'16.98" 12- N23°10'47.00" E 75°52'17.13" 13- N23°10'47.07" E 75°52'16.76" 14- N23°10'47.91" E 75°52'16.91" 15- N23°10'48.40" E 75°52'15.48"	
49	श्री कुलदीपसिंह भिला दिलीपसिंह निवासी-ग्राम पिपलोदा द्वाराकाधोश तह. व जिला उज्जैन	पत्थर	बोझनी टंकारियाका जी	2.000	19.12.17 18.12.27	1- N23°09'32.12" E 75°55'18.46" 2- N23°09'32.03" E 75°55'24.20" 3- N23°09'31.01" E 75°55'24.64" 4- N23°09'30.53" E 75°55'24.62" 5- N23°09'28.38" E 75°55'17.88" 6- N23°09'30.71" E 75°55'18.75"	30 से 33
50	शुभम भिला ओमप्रकाश रुपड़लवात नि-103 104 युवराज द्वार उज्जैन	पत्थर	गुनईखालस I	4.000	18.09.18 17.09.28	1- N23°17'02.13" E 75°53'39.61" 2- N23°17'02.22" E 75°53'40.96" 3- N23°16'58.40" E 75°53'42.46" 4- N23°16'58.40" E 75°53'44.32" 5- N23°16'55.37" E 75°53'44.80" 6- N23°16'55.57" E 75°53'46.20" 7- N23°16'53.21" E 75°53'46.38" 8- N23°16'53.95" E 75°53'37.72" 9- N23°16'58.40" E 75°53'37.72" 10- N23°16'58.40" E 75°53'39.33"	50 से 55
51	श्री कनीसिंह भिला मोतीलाल गौरसिया नि-ग्राम शंकरपुर	पत्थर	सुरजनवास	1.800	17.07.18 16.07.28	1- N23°10'42.95" E 75°52'16.1" 2- N23°10'42.80" E 75°52'59.50" 3- N23°10'38.40" E 75°52'59.90" 4- N23°10'38.28" E 75°52'56.96" 5- N23°10'37.59" E 75°52'57.82" 6- N23°10'36.50" E 75°52'0.80" 7- N23°10'36.98" E 75°52'1.48" 8- N23°10'37.39" E 75°52'2.81" 9- N23°10'38.20" E 75°52'3.60"	33 से 39

52	विशाल अथ भाईराम झारा श्री नय्य पिता अशोक विशाल पि-55, दरभरम भद्रान उज्जैन	पर्यार	मिनालखरी	2-800	19.04.20 18.04.30	-	1- N23°12'45.85" E 75°52'29.06" 2- N23°12'46.04" E 75°52'34.55" 3- N23°12'40.47" E 75°52'34.82" 4- N23°12'39.82" E 75°52'29.72"	25 से 35
53	अशोक पिता भारथानाल गुप्ता पि-61/10 आजाद नगर उज्जैन	पर्यार	दकजयसम पुर	1-000	19.04.20 18.04.30	-	1- N23°10'44.7" E 75°52'16.5" 2- N23°10'46.1" E 75°52'13.1" 3- N23°10'46.6" E 75°52'13.8" 4- N23°10'48.3" E 75°52'17.2"	20 से 25
54	क. आर. अथ भुमरी श्री भरतसिंह पिता विक्रमसिंह पि- राम भराल लहो न जिला उज्जैन	पर्यार	जलालखरी	1-000	25.09.2018 24.09.2028	-	1- N23°10'31.4" E 75°42'09.0" 2- N23°10'34.7" E 75°42'07.2" 3- N23°10'34.0" E 75°42'15.1" 4- N23°10'30.4" E 75°42'15.9" 5- N23°10'30.0" E 75°42'13.6" 6- N23°10'33.0" E 75°42'13.0" 7- N23°10'33.0" E 75°42'11.0" 8- N23°10'31.1" E 75°42'11.0"	18 से 25
55	श्री नारायण पिता पुनमवद यादव पिधारी-180 अदालपुरा उज्जैन	पर्यार	कसनी	3.730	05.11.20 04.11.30	-	1- N23°10'1.60" E 75°52'54.57" 2- N23°10'1.89" E 75°52'58.43" 3- N23°10'54.81" E 75°52'59.05" 4- N23°10'54.92" E 75°52'54.90"	35 से 45
56	भारथ गुप्ता रतन कलिया मा श्रीमति रमा गुप्ता प्रति सहित गुप्ता पिधारी-17/11 महाकाल पारिवार्य केंद्र नानाखंडा उज्जैन	पर्यार	दकजयसम पुर	1.200	09.07.20 08.07.30	-	1- N23°10'41.33" E 75°52'42.47" 2- N23°10'39.41" E 75°52'48.73" 3- N23°10'37.55" E 75°52'47.97" 4- N23°10'39.62" E 75°52'41.96"	20 से 30
57	नरेशसिंह पिता वासवासिंह पंवार निवासी-भान नौगांव लहरील व जिला उज्जैन	पर्यार	कडछली	1.900	13.07.20 12.07.30	-	1- N23°07'44.11" E 75°54'49.22" 2- N23°07'45.21" E 75°54'54.50" 3- N23°07'40.51" E 75°54'55.84" 4- N23°07'40.16" E 75°54'54.65" 5- N23°07'41.49" E 75°54'54.18" 6- N23°07'40.46" E 75°54'50.19"	30 से 35
58	अशोक पिता भारथभालाल गुप्ता पि-61/10 आजाद नगर उज्जैन	पर्यार	दकजयसम पुर	1-800	14.09.20 13.09.30	-	1- N23°10'42.97" E 75°52'12.31" 2- N23°10'42.25" E 75°52'16.2" 3- N23°10'37.96" E 75°52'18.89" 4- N23°10'45.14" E 75°52'20.64"	25 से 28

59	गिरिश पिता भंवरलाल पाटीदार निवासी-ऋषि नगर उज्जैन	पत्थर	वकजयराम पुर	1.000	12.06.20 21.04.30	-	1- N23°10'47.83" E 75°52'17.09" 2- N23°10'43.00" E 75°52'16.00" 3- N23°10'43.00" E 75°52'09.09" 4- N23°10'49.60" E 75°52'09.09"	20 से 25
60	जिंदल अर्थ माईन्स द्वारा श्री नय्य पिता अभील जिंदल नि-55, दशहरा भंदा न उज्जैन	पत्थर	पिंगलेश्वर	1.460	21.08.20 20.08.30	-	1- N23°12'47.54" E 75°52'37.33" 2- N23°12'47.55" E 75°52'39.44" 3- N23°12'47.11" E 75°52'39.44" 4- N23°12'47.12" E 75°52'41.76" 5- N23°12'44.77" E 75°52'42.07" 6- N23°12'43.32" E 75°52'29.03"	20 से 30
61	जयल पिता कैलाशचंद्र झंवर नि- 175 दिवकानंद कॉलोनी उज्जैन अतिरग आंकार स्टॉन क्रेशर पार्टनर मानस पिता मनाज जिन्दल निवासी- 5 / 18 वसंतीविहार उज्जैन	पत्थर	सुरजनवासा	1.500	27.07.19 26.07.29	-	1- N23°10'42.06" E 75°52'5.07" 2- N23°10'41.91" E 75°52'10.12" 3- N23°10'38.58" E 75°52'10.00" 4- N23°10'38.63" E 75°52'5.09"	23 से 28
62	विजय कस्ट्रक्शन भागीदार अजय पिता विजय तिवारी निवासी- 105 दुर्गा एलाजा फ्रीगंज उज्जैन	पत्थर	गुनईखलसा	2.000	03.01.19 02.01.29	-	1- N23°16'01.93" E 75°54'00.24" 2- N23°16'01.83" E 75°54'03.58" 3- N23°16'08.13" E 75°54'03.79" 4- N23°16'05.02" E 75°54'01.95"	30 से 35
63	दण्ड पिता धम्रवद्र पाटनी निवासी- 106 गौतम मार्ग नयापुरा उज्जैन	पत्थर	जलालखंडी	1.000	10.04.20 09.04.30	-	1- N23°10'45.05" E 75°42'13.7" 2- N23°10'39.7" E 75°42'13.96" 3- N23°10'40.3" E 75°42'10.52" 4- N23°10'44.39" E 75°42'11.9"	15 से 25
64	नितेश पिता नरेंद्र कुमार जैन निवासी- 33 खाराकुआ उज्जैन	पत्थर	वकजयराम पुर	2.000	22.04.20 21.04.30	-	1- N23°10'43.19" E 75°52'08.45" 2- N23°10'41.29" E 75°52'18.53" 3- N23°10'48.08" E 75°52'20.26" 4- N23°10'52.72" E 75°52'10.15"	30 से 38
65	विजय पाल सिंह पिता दलारसिंह सोरुंकी निवासी- ग्राम जम्बूरा तहसील व जिला उज्जैन	पत्थर	जम्बूरा	2.000	28.06.2021 27.06.2031	-	1- N23°15'12.07" E 75°53'32.15" 2- N23°15'12.19" E 75°53'37.39" 3- N23°15'17.22" E 75°53'37.52" 4- N23°15'18.80" E 75°53'31.70" 5- N23°15'11.14" E 75°53'31.96"	20 से 25

66	विशाल विता इ.र.क.प्र.साद सजोरिया निवासी-8, भक्त नगर उज्जैन	पर्यार	जम्हूरा	3.500	11.11.2021 10.11.2031	-	6-N23°15'11.46" E 75°53'32.12"	30 से 35
67	श्रीमति सीता पिंर विशाल विता निवासी-10, निर्मल नगर उज्जैन अरुण श्रीम. कल्याण विता निवासी-138, शक्तिपुर नगर सोड एम.सी.ई.वी क. पारा	पर्यार	गुनईखालस I	4.000	10.08.21 09.08.31	-	1-N23°15'56.07" E 75°54'54.51" 2-N23°16'00.22" E 75°53'53.6" 3-N23°16'2.41" E 75°54'06.54" 4-N23°16'01.10" E 75°54'06.82" 5-N23°16'57.07" E 75°54'02.54"	43 से 50
68	कल्याण विता जयदेवीसिंह निवासी-ग्राम विप्लवीदा झरकादीर तहसील व जिला उज्जैन	पर्यार	माथीपुर	2.460	11.08.21 10.08.31	-	1-N23°54'6.649" E 75°58'34.684" 2-N23°54'6.640" E 75°58'36.009" 3-N23°54'8.606" E 75°58'36.169" 4-N23°54'8.595" E 75°58'37.960" 5-N23°54'9.981" E 75°58'37.970" 6-N23°54'9.998" E 75°58'43.980" 7-N23°54'2.159" E 75°58'43.996" 8-N23°54'2.072" E 75°58'41.752" 9-N23°54'2.705" E 75°58'41.757" 10-N23°54'52.510" E 75°58'35.659" 11-N23°54'50.051" E 75°58'35.641" 12-N23°54'9.986" E 75°58'34.658"	33 से 35
69	नारायण विता मादव नि-180 अरुणपुरा उज्जैन	मुखम	मानपुरा	3.960	22.05.15 21.05.25	-	1-N23°07'50.6" E 75°57'08.2"	43 से 52
70	श्री नारायण विता मानवद मादव निवासी-180 अरुणपुरा उज्जैन	मुखम	मानपुरा	2.100	22.05.15 21.05.25	-	1-N23°07'50.00" E 75°51'01.6"	30 से 35
71	श्री लक्ष्मीनारायण विता नरदेवसिंह धनगर निवासी-भारत मार्ग	मुखम	गुनईखालस I	4.000	30.07.16 29.08.25	-	1-N23°16'39.87" E 75°54'02.53" 2-N23°16'40.71" E 75°54'06.28" 3-N23°16'37.70" E 75°54'07.62"	30 से 40


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उज्जैन						4- N23°16'37.49" E 75°54'6.60" 5- N23°16'30.01" E 75°54'9.31" 6- N23°16'29.68" E 75°54'4.03"	
72 श्री महेंद्र पिला धनश्याम राठौर निवासी-34 खार्सा वावडी देवास	मुरम	व्यावरा	4.000	08/06/2016 07/06/2026	-	1- N23°10'44.35" E 75°56'0.15" 2- N23°10'45.51" E 75°56'9.86" 3- N23°10'41.33" E 75°56'12.13" 4- N23°10'39.09" E 75°56'5.84"	45 से 48
73 श्री रघुवीरसिंह पिला बंदरसिंह राजपूत नि-ग्राम मंगराला तह व जिला उज्जैन	मुरम	वागारा	1.000	17.03.18 16.03.28	-	1- N23°8'32.42" E 75°42'10.47" 2- N23°8'32.78" E 75°42'11.76" 3- N23°8'31.64" E 75°42'12.64" 4- N23°8'31.91" E 75°42'13.38" 5- N23°8'29.63" E 75°42'13.95" 6- N23°8'27.82" E 75°42'16.21" 7- N23°8'26.38" E 75°42'13.12" 8- N23°8'29.87" E 75°42'12.40"	20 से 23
74 इंदरेश पिला अ. रज्जाक नि-तागाहिरी देवास रोड उज्जैन	मुरम	टंकारिया काजी	2.000	17.03.18 16.03.28	-	1- N23°5'2.63" E 75°44'29.03" 2- N23°5'2.50" E 75°44'35.81" 3- N23°5'5.75" E 75°44'35.27" 4- N23°5'5.81" E 75°44'28.51"	20 से 25
75 मनोज पिला सुखनंदन जांशी नि-121 दशहरा मदान उज्जैन	मुरम	गौदिआ	1.750	17.04.2018 16.04.2028	-	1- N23°16'37.70" E 75°54'7.62" 2- N23°16'37.49" E 75°54'6.60" 3- N23°16'30.01" E 75°54'9.31"	25 से 28
76 अंकित पिला दिनेश गुप्ता नि-कुल्मीपसु ताजपुर	मुरम	ताजपुर	1.000	14.01.19 15.01.29	-	1- N23°14'32.20" E 75°55'03.00" 2- N23°14'32.10" E 75°55'06.03" 3- N23°14'31.55" E 75°55'06.02" 4- N23°14'31.20" E 75°55'06.25" 5- N23°14'29.35" E 75°55'06.31" 6- N23°14'29.33" E 75°55'02.55"	18 से 25
77 श्री अंकुश पिला पंकज जैन नि-69 कालिदास मार्ग उज्जैन	मुरम	ताजपुर	1.640	29.09.18 28.09.28	-	1- N23°14'17.5" E 75°55'18.5" 2- N23°14'7.0" E 75°55'16.6" 3- N23°14'15.30" E 75°55'16.64" 4- N23°14'14.10" E 75°55'13.42" 5- N23°14'16.9" E 75°55'11.9" 6- N23°14'19.4" E 75°55'16.8"	28 से 35
78 अंकित पिला दिनेश	मुरम	हरसादन	1.600	14.01.19	-	1- N23°11'26.88" E 75°54'22.21"	NA


84	श्री जयंत पिठा कोलशानंद शिवर	परधर	सुरजनवासा	2,500	19.04.2010 18.04.2020	-	1-N23°10'36.62" E 75°52'34.04" 2-N23°10'34.18" E 75°52'41.95"	20 से 25
83	श्री जयंत पिठा निवासी-65 सुदासा नगर उज्जैन	परधर	शकरपुर	3,450	22.07.09 21.07.19 नवकरण प्रचलित	-	1-N23°11'28.19" E 75°50'41.01" 2-N23°11'28.25" E 75°50'45.32" 3-N23°11'29.14" E 75°50'45.60" 4-N23°11'29.55" E 75°50'49.70" 5-N23°11'28.46" E 75°50'50.31" 6-N23°11'26.11" E 75°50'40.94"	38 से 45
82	श्री जयंत पिठा निवासी-सोला नगर कोलशानंद शिवर	परधर	जैतपुर	1,000	10.05.10 09.05.20 नवकरण प्रचलित	-	1-N23°10'39.69" E 75°52'24.73" 2-N23°10'38.46" E 75°52'28.78" 3-N23°10'42.24" E 75°52'30.25" 4-N23°10'42.95" E 75°52'26.52"	17 से 25
81	श्री जयंत पिठा निवासी-सोला नगर कोलशानंद शिवर	परधर	जैतपुर	2,000	27.05.10 26.05.20 नवकरण प्रचलित	-	1-N23°10'44.42" E 75°52'16.71" 2-N23°10'44.42" E 75°52'19.78" 3-N23°10'48.04" E 75°52'20.07" 4-N23°10'48.04" E 75°52'18.26" 5-N23°10'50.02" E 75°52'15.68" 6-N23°10'47.63" E 75°52'14.59"	25 से 35
80	श्री जयंत पिठा निवासी-227 नगर उज्जैन	मिहरी	नवाखडा	2,670	29.06.07 28.06.17	29.06.17 28.06.27	1-N23°05'53.07" E 75°49'23.28" 2-N23°05'52.91" E 75°49'27.35" 3-N23°05'49.96" E 75°49'27.10" 4-N23°05'49.96" E 75°49'26.78" 5-N23°05'47.35" E 75°49'26.82" 6-N23°05'48.30" E 75°49'23.41"	20 से 25
79	श्री जयंत पिठा निवासी-12 कोलशानंद शिवर	गुरा	बोझनी	4,000	21.09.2020 20.09.2030	-	1-N23°09'99.99" E 75°55'5.98" 2-N23°09'10.04" E 75°55'20.66" 3-N23°09'20" E 75°55'20.55" 4-N23°09'27" E 75°55'15.91"	40 से 45

	निवासी-विवेकानंद नगर उज्जैन						3- N23°10' 32.31" E 75° 52' 41.14" 4- N23°10' 33.90" E 75° 52' 33.90"	
85	अक्षय पिता खेमचंद प्रा. निवासी-उज्जैन	पत्थर	गुनईखालस 1	4-000	31.01.22 30.01.32	-	1- N23°15'55.69" E 75°53'54.53" 2- N23°15'47.00" E 75°53'54.39" 3- N23°15'46.60" E 75°53'56.00" 4- N23°15'51.79" E 75°54'59.12" 5- N23°15'56.77" E 75°54'02.10"	NA
86	तपन पिता प्रमनारायण वेण्णव निवासी-52 / 1 जैन कॉलोनी नयापुरा उज्जैन	पत्थर	उभरिया जागीर	3.990	11.06.21 10.06.31	-	1- N23°16'18.51" E 75°54'24.98" 2- N23°16'16.62" E 75°54'25.76" 3- N23°16'16.09" E 75°54'25.67" 4- N23°16'11.18" E 75°54'16.96" 5- N23°16'14.37" E 75°54'16.37" 6- N23°16'15.64" E 75°54'16.64" 7- N23°16'19.51" E 75°54'19.56"	NA

तहसील - घटिया


क्र.	पट्टेधारक	खनिज	ग्राम	रकबा (हे.)	पट्टावधि (प्रारंभिक)	पट्टावधि (नव-करण)	अक्षांश व देशांश	खदान क्षेत्र में वृक्षारोपण की जानकारी (वृक्षों की प्रजातियों के नाम-गुलमोहर, बबूल, नीम, पीपल, बादाम, बांस, अशोक, आम, आंवला, कदम, किकर आदि)
1	2	3	4	5	6	7	8	9
1	महाकाल स्टोन क्रेशर प्रा. सत्यनारायण पिता गोहिलाल अग्रवाल नि. 75 पे.सी.मिल्स कंठाउपड़ आगर रोड, उज्जैन	पत्थर	नजरपुर	1.00	08.01.02 07.01.12	08.01.12 07.01.22	1- N23°20'00.21" E 75°51'48.45" 2- N23°20'00.37" E 75°51'54.35" 3- N23°20'07.21" E 75°51'55.20" 4- N23°20'07.73" E 75°51'51.63" 5- N23°20'06.80" E 75°51'50.81" 6- N23°20'10.49" E 75°51'47.57" 7- N23°20'09.03" E 75°51'46.90" 8- N23°20'05.58" E 75°51'48.25"	22 से 25
2	जुवेर खान पिता वसंतराव खान निवासी 59, रामप्रसाद	पत्थर	नजरपुर	2.000	18.06.07 17.06.17	18.06.17 17.06.27	1- N23°20'46.49" E 75°51'25.00" 2- N23°20'47.71" E 75°51'26.54" 3- N23°20'49.01" E 75°51'29.75"	18 से 25

7	श्रीमती पुष्पा पति डॉ. शरदशाम शर्मा	परधर	नजरपुर	2.000	22.06.16 21.06.21	-	1-N23°20'31.6" E 75°51'31.9" 2-N23°20'32.9" E 75°51'34.8"	28 से 33
6	श्रीमती रमाता पति सुप्रदीपश भट्टशर्मा, निवासी-7/8, महाकाश वाणिज्य अंद, नारायणका उज्जैन	परधर	नजरपुर	3.700	10.07.09 09.07.19	10.07.19 09.07.29	1-N23°20'59.86" E 75°51'31.08" 2-N23°20'59.66" E 75°51'34.11" 3-N23°20'56.60" E 75°51'33.40" 4-N23°20'56.91" E 75°51'26.76" 5-N23°20'50.43" E 75°51'28.01" 6-N23°20'50.03" E 75°51'25.91" 7-N23°20'46.72" E 75°51'24.86" 8-N23°20'47.03" E 75°51'22.86" 9-N23°20'51.85" E 75°51'20.49" 10-N23°20'50.89" E 75°51'25.00" 11-N23°20'52.79" E 75°51'28.81"	50 से 55
5	मनीषा भिता शिवदत्त शर्मा निवासी 90, सतनगर, उज्जैन सुप्रिया पति दिनेश शरदा गोपी नारा महिदपुर अंतरा श्री मनीषा भिता नारायण बोहरी नि-127 इंदौर शेड उज्जैन	परधर	केशरपुर	2.330	05.01.09 04.01.19	05.01.19 04.01.29	1-N23°18'13.689" E 75°45'33.672" 2-N23°18'97.49" E 75°45'59.709" 3-N23°18'8.956" E 75°45'59.857" 4-N23°18'11.799" E 75°45'32.672"	30 से 35
4	शारदा भिता महम्मद शर्मा निवासी बंद का कुआ. उज्जैन	परधर	नजरपुर	2.000	15.07.08 14.07.18	15.07.18 14.07.28	1-N23°20'25.14" E 75°51'37.27" 2-N23°20'26.66" E 75°51'39.04" 3-N23°20'40.67" E 75°51'39.63" 4-N23°20'37.21" E 75°51'26.83"	20 से 28
3	निवेशा भिता सहयोगिता योजना निवासी 11 शक्तिनाथ को. माली, छोट्टा शरका, उज्जैन अंतरा हज्जाल भिता सरदार खान, निवासी-हावला हनु, गहरील तराना	परधर	नजरपुर	1.000	01.01.09 31.08.19	01.01.19 31.08.29	1-N23°19'54.95" E 75°51'40.32" 2-N23°19'55.08" E 75°51'43.02" 3-N23°19'52.14" E 75°51'43.21" 4-N23°19'48.51" E 75°51'41.20"	10 से 20
							4-N23°20'48.68" E 75°51'30.87" 5-N23°20'43.40" E 75°51'28.86" 6-N23°20'43.67" E 75°51'24.53"	



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F.E. Arera Colony, Bhopal (M.P.)

	निलासी-47/1, मंगल उद्यान, गली नं. 4, अवधपुरा, उज्जैन			नवीनीकरण प्रचलित		3- N23°20'30.15" E 75°51'38.37"		
8	श्री राकेश पिता जयराज परमार निवासी-जयराजपुर तह. धाटिया जिला उज्जैन अंतरण फिरोज पिता अखिल रशीद नि-ग्राम नजरपुर उज्जैन	पर्यार	घाटिया	1.000	12.02.14 27.2.24	-	1- N23°22'11.91" E 75°51'0.08" 2- N23°22'11.53" E 75°51'5.11" 3- N23°22'29.41" E 75°51'5.08" 4- N23°22'29.59" E 75°51'0.20"	22 से 28
9	श्री मनीष पिता गोपाल पाटीदार निवासी-मेन रांझ धाटिया तह. महिदपुर	पर्यार	घाटिया	1.000	18.02.14 17.2.24	-	1- N23°22'20.177" E 75°51'7.429" 2- N23°22'16.582" E 75°51'7.055" 3- N23°22'16.812" E 75°51'3.86" 4- N23°22'20.418" E 75°51'4.227"	20 से 25
10	श्रीमति अंजलि पति देवेन्द्र पाटनी निवासी-106 गीतम मोग उज्जैन	पर्यार	विनायगा	3.000	17.11.14 16.11.24	-	1- N23°12'41.56" E 75°43'15.23" 2- N23°12'48.75" E 75°43'17.41"	35 से 45
11	श्री जयसिंह पिता ईश्वरसिंह राजपत निवासी-ग्राम जेथल तह. धाटिया	पर्यार	घाटिया	2.000	24.01.14 23.01.24	-	1- N23°22'13.68" E 75°51'19.54" 2- N23°22'12.48" E 75°51'26.91" 3- N23°22'29.78" E 75°51'27.11" 4- N23°22'10.55" E 75°51'22.74" 5- N23°22'11.86" E 75°51'22.79" 6- N23°22'12.24" E 75°51'20.60" 7- N23°22'29.41" E 75°51'19.86"	44 से 47
12	श्री दिनश पिता मदनलाल प्रजापत निवासी-ग्राम निनांरा तह. उज्जैन	पर्यार	घाटिया	1.000	23.01.14. 22.01.24	-	1- N23°22'54.17" E 75°50'25.73" 2- N23°22'50.23" E 75°50'27.83"	14 से 24
13	श्री लोकेन्द्रसिंह पिता गजराजसिंह सिधौदिया निवासी-ग्राम तुलाहेडा तह. धाटिया जिला उज्जैन अंतरण फिरोज पिता अखिल	पर्यार	घाटिया	1.000	29.07.14 28.07.24	-	1- N23°22'16.83" E 75°51'3.87" 2- N23°22'16.63" E 75°51'6.54" 3- N23°22'12.43" E 75°51'6.16" 4- N23°22'12.65" E 75°51'3.44"	25 से 30


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	रथौर नि-ग्राम नरहरपुर उज्जैन							
14	श्री लक्ष्मीनारायण भिला साहूनाल अग्रवाल निवासी-82 अरविंद नगर उज्जैन	पर्यटन	ढाबलागांसी	3.000	14.06.14 13.06.24	-	1- N23°20'08.56" E 75°51'44.59" 2- N23°20'08.69" E 75°51'49.51" 3- N23°20'02.53" E 75°51'50.35" 4- N23°20'02.49" E 75°51'45.59"	20 से 25
15	श्री नरेश्वर सिंह भिला इश्वर सिंह साँलकी निवासी-ग्राम जलवा तहसील धुडिया	पर्यटन	घटिदया	1.000	08.08.14 07.08.24	-	1- N23°22'56.14" E 75°50'23.39" 2- N23°22'58.24" E 75°50'24.94" 3- N23°22'57.44" E 75°50'27.32" 4- N23°22'50.87" E 75°50'28.12"	20 से 30
16	श्री लक्ष्मीनारायण भिला रतन सिंह निवासी-ग्राम गुड्डावाला तह. व जिला उज्जैन	पर्यटन	रुवाहेडा	3.000	27.06.2016 26.06.2026	-	1- N23°16'29.613" E 75°54'23.278" 2- N23°16'32.29" E 75°54'30.953" 3- N23°16'25.404" E 75°54'30.907" 4- N23°16'26.553" E 75°54'23.253"	35 से 45
17	श्री लक्ष्मीनारायण भिला मनाहरलाल महता नि-53 कमल कॉलोनी अग्रवाल मार्ग उज्जैन	पर्यटन	ढाबलागांसी	2.000	07.09.2016 06.09.2026	-	1- N23°20'01.60" E 75°51'45.47" 2- N23°20'02.02" E 75°51'49.45" 3- N23°19'56.89" E 75°51'49.72" 4- N23°19'58.19" E 75°51'45.99"	25 से 32
18	श्री लक्ष्मीनारायण भिला मनाहरलाल महता नि-53 कमल कॉलोनी अग्रवाल मार्ग उज्जैन	पर्यटन	ढाबलागांसी	2.000	07.09.2016 06.09.2026	-	1- N23°20'02.03" E 75°51'49.55" 2- N23°20'02.14" E 75°51'53.48" 3- N23°20'55.83" E 75°51'53.66" 4- N23°20'56.86" E 75°51'49.93"	20 से 22
19	श्री प्रदीप भिला अशोक तीमार निवासी-5 एमआईजी तहसील नगर उज्जैन	पर्यटन	ढाबलागांसी	2.000	19.01.17 18.01.27	-	1- N23°20'09.42" E 75°51'49.87" 2- N23°20'06.79" E 75°51'55.00" 3- N23°20'02.67" E 75°51'54.75" 4- N23°20'02.62" E 75°51'50.83"	12 से 18
20	श्री प्रदीप भिला अशोक तीमार निवासी-5 एमआईजी तहसील नगर उज्जैन	पर्यटन	ढाबलागांसी	2.000	19.01.17 18.01.27	-	1- N23°20'02.59" E 75°51'50.82" 2- N23°20'02.53" E 75°51'54.78" 3- N23°19'52.74" E 75°51'55.55" 4- N23°19'53.90" E 75°51'53.53" 5- N23°20'02.14" E 75°51'53.48" 6- N23°20'02.21" E 75°51'50.86"	25 से 28
21	श्री नरेश्वर सिंह भिला इश्वर सिंह साँलकी निवासी-ग्राम जलवा तहसील धुडिया	पर्यटन	घटिदया	1.000	02.03.2017 01.03.2027	-	1- N23°23'10.91" E 75°51'34.16" 2- N23°23'06.89" E 75°51'40.54" 3- N23°23'13.15" E 75°51'40.09" 4- N23°23'14.33" E 75°51'35.90"	25 से 30


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22	श्रीमति तनवीर पाति कंज गहनमद निवासी-79 खजूर कोसी मस्जिद उज्जैन	पत्थर	रातडिया	1.500	14.03.2017 13.03.2027	-	1- N23°11'48.85" E 75°42'21.50" 2- N23°11'49.13" E 75°42'26.57" 3- N23°11'46.22" E 75°42'26.77" 4- N23°11'44.55" E 75°42'24.00" 5- N23°11'44.58" E 75°42'21.18"	30 से 32
23	श्री मनीष पिता गोपाल पाटीदार निवासी-मैन सोड घाटिया तह. महिंदपुर	पत्थर	घाटिया	1.000	06.01.2018 05.01.2028	-	1- N23°22'20.6" E 75°51'07.2" 2- N23°22'19.6" E 75°51'19.6" 3- N23°22'16.9" E 75°51'06.5" 4- N23°22'16.5" E 75°51'09.1"	15 से 20
24	ए.बी. कन्दुकान पाटीनर अरुण भदरिया व सचिन प्रजापति नि-102 दुर्गा प्लाजा उज्जैन	पत्थर	रूदाहेडा	4.000	09.06.2018 08.06.2028	-	1- N23°16'26.50" E 75°54'16.38" 2- N23°16'26.91" E 75°54'19.73" 3- N23°16'21.02" E 75°54'19.87" 4- N23°16'20.88" E 75°54'13.97"	45 से 50
25	रसीदखा पिता रहमत खा नि-ग्राम नजरपुर तह. घाटिया	पत्थर	नजरपुर	1.500	09.04.18 08.04.28	-	1- N23°21'12.83" E 75°51'23.83" 2- N23°21'13.45" E 75°51'26.68" 3- N23°21'05.74" E 75°51'28.40" 4- N23°21'06.77" E 75°51'24.93"	30 से 33
26	श्रीमति पवित्रा पाति वंतनसिंह सिमरिया नि-172 महाशक्ति नगर उज्जैन	पत्थर	दाबलागोरी	2.000	11.01.19 10.01.29	-	1- N23°20'01.1" E 75°51'56.00" 2- N23°19'57.80" E 75°51'59.80" 3- N23°19'54.47" E 75°52'1.64" 4- N23°19'53.09" E 75°52'1.65" 5- N23°19'57.08" E 75°51'54.88"	35 से 40
27	नरेन्द्र पिता ईश्वरसिंह सालंकी निवासी-ग्राम जलवा तहसील घाटिया जिला उज्जैन	पत्थर	घाटिया	1.600	02.03.2017 01.03.2027	-	1- N23°23'01.52" E 75°50'31.37" 2- N23°23'00.72" E 75°50'35.03" 3- N23°22'56.60" E 75°50'29.56" 4- N23°22'53.24" E 75°50'29.06" 5- N23°22'51.40" E 75°50'33.39"	28 से 32
28	श्री गोपाल पिता गणपत आंजना निवासी-इन्द्रानगर उज्जैन	गुम	आजमपुरा	2-000	14.06.14 13.06.24	-	1- N23°13'04.54" E 75°43'41.54" 2- N23°13'03.31" E 75°43'40.81" 3- N23°13'04.06" E 75°43'44.99" 4- N23°12'58.65" E 75°43'40.41" 5- N23°12'58.77" E 75°43'44.68" 6- N23°12'57.97" E 75°43'43.31"	25 से 35

29	श्री सुरेश मिता मोहनलाल वारोड मिनासी-ग्राम रागती तहसील मोहदपुर उज्जैन	पुरुष	आजमपुरा	2.000	12.07.15 11.07.25	-	1- N23°13'06.52" E 75°43'49.40" 2- N23°13'08.12" E 75°43'51.94" 3- N23°13'05.50" E 75°43'48.80" 4- N23°13'06.29" E 75°43'48.42"	23 से 26
30	जितेन्द्र मिता लख्यासिंह सोमर, नि. 21 राजेन्द्र नगर आमार रोड उज्जैन श्रीमति रेहना वी पति इशाकखान नि-6 रोकण्ड मंजिल तुलसी कॉम्पलेक्स विक्रम भार्ग उज्जैन	पुरुष	आजमपुरा	2.000	22.06.2016 21.06.2026	-	1- N23°13'19.74" E 75°43'52.70" 2- N23°13'15.30" E 75°43'58.10" 3- N23°13'15.24" E 75°43'52.02" 4- N23°13'15.30" E 75°43'58.08"	30 से 35
31	शान्तरासिंह मिता हरधनरायणफकिह मिनासी-ग्राम नारेंड तह. तरना अतरण पिककी पेशा कमल सोहन नि-९/९/११ महाकाल वाणिज्य कन्द नानाखेडा उज्जैन	पुरुष	दिनायगा	2.000	21.07.2016 20.07.2026	-	1- N23°12'43.74" E 75°43'25.97" 2- N23°12'47.08" E 75°43'31.75" 3- N23°12'51.46" E 75°43'31.47" 4- N23°12'46.46" E 75°43'25.60"	20 से 25
32	श्री दिनेश मिता पूराजी मिनासी-29 ब्रज नगर वापु नगर आगर रोड उज्जैन	पुरुष	आजमपुरा	2.000	07.09.19 06.09.29	-	1- N23°14'08.39" E 75°43'33.74" 2- N23°14'06.20" E 75°43'36.75" 3- N23°14'59.37" E 75°43'33.75" 4- N23°14'59.33" E 75°43'33.11" 5- N23°14'58.13" E 75°43'33.13" 6- N23°14'59.53" E 75°43'31.45" 7- N23°14'05.62" E 75°43'34.05" 8- N23°14'07.45" E 75°43'33.35"	NA
33	श्रीमति साधना कुवर पति महेशरासिंह मिनासी-ग्राम लखाहेड तहसील मट्टिया जिला उज्जैन	पुरुष	डावरी	2.000	02.03.2017 01.03.2027	-	1- N23°21'10.59" E 75°51'54.067" 2- N23°21'10.063" E 75°51'49.88" 3- N23°21'15.432" E 75°51'49.087" 4- N23°21'15.96" E 75°51'53.274"	NA
34	भगवानदास मिता अनारजी नि. 28 गोसापुरा उज्जैन	मिह्री	गोसा	2.880	03.02.16 से 02.02.26	-	1- N23°13'00.67" E 75°45'07.52" 2- N23°13'01.17" E 75°45'10.10" 3- N23°12'55.42" E 75°45'13.33"	38 से 40

35	शमशेर शिला सोमाजी प्रजापति, नि-28 जामपुरा उज्जैन	मिह्री	गोंसा	1.440	03.02.16 से 02.02.26	—	4- N23°12'53.53" E 75°45'09.60" 5- N23°12'56.75" E 75°45'09.36" 1- N23°12'54.16" E 75°45'4.436" 2- N23°12'53.527" E 75°45'9.444" 3- N23°12'50'721" E 75°45'9.058" 4- N23°12'51.258" E 75°45'3.074" 5- N23°12'52.346" E 75°45'3.205" 6- N23°12'53.072" E 75°45'4.003"	22 से 27
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State Level Environment Impact
Assessment Authority, M.P.
(EPCO)
Paryavaran Parisar
E-5, Arera Colony, Bhopal (M.P.)

तहसील - तराना

क्र.	पट्टेधारक	खनिज	ग्राम	रकबा (हे.)	पट्टावधि (प्रारम्भिक)	पट्टावधि (नव-करण)	अक्षांश व देशांश	खदान क्षेत्र में वृक्षारोपण की जानकारी (वृक्षों की प्रजातियों के नाम—गुलमोहर, बबूल, नीम, पीपल, बादाम, बांस, अशोक, आम, आंवला, कदम, किकर आदि)
1	श्री अशोक मिता शांतिलाल जैन, निवासी कवचपुरा रटेशन रोड, शाजापुर मृत्यु उपरान्त श्रीमती शोभा पति स्व. अशोक जैन के नाम अंतरित	पत्थर	वरण्डवा	2.000	07.02.11 06.02.21	07.02.21 06.02.31	1- N23°19' 39.46" E 75°52'02.66" 2- N23°19' 48.41" E 75°52'02.26" 3- N23°19'48.09" E 75°52'17.23" 4- N23°19' 39.03" E 75°52'17.58"	25 से 28 खदानवार वृक्षों की संख्या (औसतन)
2	श्री सानपाल सिंह पिता दुलसिंह गोहान निवासी ढावला राजपुरा पो.रुपाखड़ी तहसील तराना	पत्थर	लालाखड़ी	0.700	02.01.07 01.01.17	02.01.17 01.01.27	1- N23°28'02.38" E 75°57'29'04" 2- N23°27'59.42" E 75°57'35'83" 3- N23°27'56.93" E 75°57'32'63" 4- N23°28'01.22" E 75°57'28'31" 5- N23°22'52.89" E 76°13'54'77"	20 से 25
3	श्री धर्मनंद प्रतापसिंह पिता शिवरामसिंह सैगर निवासी इंदिरानगर, महाविद्यालय के सामने, शाजापुर	पत्थर	नेनावद	2.000	11.04.07 10.04.17	11.04.17 10.04.27	1- N23°23'00.80" E 76°13'55.39" 2- N23°23'01.30" E 76°14'03.68" 3- N23°22'56.49" E 76°14'03.97" 4- N23°22'53.30" E 76°13'58.50" 5- N23°22'52.89" E 76°13'54.77"	25 से 30


4	गजानंदसिंह पिता कल्याणसिंह तामर निवासी 86, विजयनगर शाजापुर	पत्थर	नेनावद	3.000	05.07.07 04.07.17	05.07.17 04.07.27	1- N23°22'55.88" E 76°14'06"10" 2- N23°23'01.88" E 76°14'04"42" 3- N23°23'02.34" E 76°14'12'53" 4- N23°23'01.84" E 76°14'13'37"	28 से 33
5	श्री हमनत पिता शंकरलाल गंग निवासी-नया बाजार मकसी	पत्थर	कनासिया	1.300	25.09.18 24.09.28	-	1- N23°16'59.94" E 76°08'25.87" 2- N23°17'04.39" E 76°08'25.11" 3- N23°17'05.56" E 76°08'30.14" 4- N23°16'52.96" E 76°08'30.21"	24 से 30
6	गोवर्धनसिंह पिता रतनसिंह निवासी 10 नईवाड़ा, शाजापुर	पत्थर	नेनावद	2.000	16.11.07 15.11.17	01.12.07 30.11.17	1- N23°23'04.81" E 76°14'2.49" 2- N23°23'07.74" E 76°14'2.59" 3- N23°23'7.78" E 76°14'5.45" 4- N23°23'5.06" E 76°14'9.30" 5- N23°23'2.25" E 76°14'06.48"	25 से 35
7	हमनत पिता शंकरलाल गंग सि.-नयाबाजार मकसी अंतरण क. शुक्ति पिता मुकेश गंग, निवासी-झण्डा चाक, मकसी	पत्थर	वरण्डवा	2.100	01.12.07 30.11.17	01.12.07 30.11.17	1- N23°16'09.30" E 76°10'37.00" 2- N23°16'10.38" E 76°10'46.43" 3- N23°16'06.64" E 76°10'26.36" 4- N23°16'05.80" E 76°10'37.10"	20 से 27
8	राजवन्द पिता श्री पतनाखण सिंह निवासी नई आवादी मकसी	पत्थर	वरण्डवा	3.000	01.12.07 30.11.17	28.02.18 27.02.28	1- N23°17'47.67" E 76°09'36.40" 2- N23°17'51.05" E 76°09'37.31" 3- N23°17'50.94" E 76°09'15.95" 4- N23°17'48.55" E 76°09'43.56"	25 से 35
9	कशडा कन्दुकान कम्पनी प्रो.पा. अंकित पिता अमरसिंह नि-इंदौर	पत्थर	यशवंतनगर	3.000	28.02.08 27.02.18	29.02.08 28.02.18	1- N23°22'49.3" E 76°14'14.2" 2- N23°22'44.2" E 76°14'15.5" 3- N23°22'45.6" E 76°14'23.13" 4- N23°22'46.7" E 76°14'23.0" 5- N23°22'49.5" E 76°14'22.5"	30 से 35
10	गुणनंदसिंह पिता उदयसिंह निवासी वस स्टैण्ड कायथा तह तराना	पत्थर	मौलगा	0.410	29.02.08 28.02.18	27.02.08 26.02.18	1- N23°12'26.64" E 76°01'03"22" 2- N23°12'28.43" E 76°01'04"72" 3- N23°12'29.17" E 76°01'03"62" 4- N23°12'27.39" E 76°01'02"24"	25 से 29
11	रफीक अहमद पिता गफाफ अहमद सिददीकी निवासी नई आवादी	पत्थर	लुनियाखेड़ी	1.000	27.02.08 26.02.18	06.01.09 05.01.19	1- N23°16'51.69" E 76°07'48.92" 2- N23°16'52.18" E 76°07'52.07" 3- N23°16'48.64" E 76°07'55.47" 4- N23°16'46.37" E 76°07'53.70"	20 से 25

35	श्री नंद अखर पिता मसुर अखर मेव नि- अखर मंजिल महुपुरा शाजपुर	पथर	कतवारिया	4-000	27.07.09 26.07.19	27.07.19 26.07.29	1-N23°31'37.68" E 76°12'55"244" 2-N23°31'37.86" E 76°12'59"984" 3-N23°31'26.577" E 76°12'58"28 4-N23°31'28.1" E 76°12'1"11"	32 से 35
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नागदा-खाचरौद

क्र.	पट्टेधारक	खनिज	ग्राम	रकबा (हे.)	पट्टावधि (प्रारंभिक)	पट्टावधि (नव-करण)	अक्षांश व देशांश	खदान क्षेत्र में वृक्षारोपण की जानकारी (वृक्षों की प्रजातियों के नाम-गुलमोहर,बबुल,नीम,पीपल,बादाम, बांस,अशोक,आम,आंवला,कदम,किकर आदि) खदानवार वृक्षों की संख्या (औसतन)
1	मितेश कुमार पिता सुरेश कुमार जैन निवासी बुद्ध मार्ग खाचरौद	पथर	चिरौला	2.000	14.07.2006 13.07.2016	14.07.2016 13.07.2026	1-N23°22'21.90" E 75°18'6.341" 2-N23°22'22.27" E 75°18'10.68" 3-N23°22'23.67" E 75°18'12.66" 4-N23°22'19.75" E 75°18'14.57" 5-N23°22'19.07" E 75°18'6.49"	22 से 25
2	श्रीमती सुनिता पति सुप्रकाश शर्मा निवासी 90 सुभाष मार्ग, खाचरौद	पथर	कुम्हारवाड़ी	2.000	25.03.08 24.03.18	25.03.18 24.03.28	1-N23°20'24.54" E 75°17'22.09" 2-N23°20'24.00" E 75°17'24.69" 3-N23°20'28.21" E 75°17'26.34" 4-N23°20'28.46" E 75°17'23.63"	19 से 25
3	मनाज पिता शिवदत्त शर्मा नि-37, मुनीनगर, उज्जैन अंतरण ओमप्रकाश पिता लेखीनारायण संगीतला नि-9 विक्रम मार्ग खाचरौद	पथर	पवलासी	1.000	07.06.08 06.06.18	07.06.18 06.06.28	1-N23°25'56.778" E 75°19'55.027" 2-N23°25'54.407" E 75°19'55.26" 3-N23°25'54.12" E 75°19'49.50" 4-N23°25'55.867" E 75°19' 49.288"	10 से 15
4	रमेश पिता रतनलाल नांदड़ा निवासी स्टेशन रोड उम्हल	पथर	आक्या नजीक	1.500	09.06.09 08.06.19	09.06.19 08.06.29	1-N23°20'55.13" E 75°30'04.85" 2-N23°20'55.18" E 75°30'09.41" 3-N23°20'53.87" E 75°30'89.36" 4-N23°20'53.87" E 75°30'12.21" 5-N23°20'48.60" E 75°30'08.60" 6-N23°20'53.62" E 75°30'08.05" 7-N23°20'53.90" E 75°30'04.88"	20 से 25
5	श्री सचिन पिता श्री	पथर	आक्या	1.00	31.10.16	-	1-N23°20'50.39" E 75°30'40.95"	15 से 20


	प्रकाशचन्द्र पाटनी निवासी छोटा बाजार उन्हेल खिला उज्जैन		नजीक		30.10.26		2- N230 42.41" E 750 30' 41.99" 3- N230 20' 96.15"E 750 30'46.38"	
6	श्रीमती सोनबाई पति रणछोडवाल नि. वैजावन तह. नागदा	पत्थर	मालीखड़ी	1.33	10.03.04 09.03.14	10.03.14 09.03.24	1- N23° 21' 39.80" E 75° 30' 34.12" 2- N23° 21' 39.59" E 75° 30' 37.12" 3- N23° 21' 47.49" E 75° 30' 37.99" 4- N23° 21' 47.64" E 75° 30' 35.37"	20 से 24
7	शिवराजसिंह पिता नारायणसिंह निवासी विरलाग्राम नागदा	पत्थर	महतवास	0.88	24.12.14 23.12.24	-	1- N23° 26' 04.45" E 75° 24' 24.86" 2- N23° 26' 04.84" E 75° 24' 24.85" 3- N23° 26' 05.38" E 75° 24' 24.82" 4- N23° 26' 05.29" E 75° 24' 23.51"	10 से 15
8	लक्ष्मी स्टेन केसर श्रीमती लक्ष्मी देवी पति दशरथ खुर्वासी नि- नागदा	पत्थर	रूपेदा	2.000	20.12.16 19.12.26	-	1- N23° 30' 31.17" E 75° 29' 43.45" 2- N23° 30' 29.02" E 75° 29' 45.78" 3- N23° 30' 33.53" E 75° 29' 45.57" 4- N23° 30' 33.38" E 75° 29' 40.51"	22 से 27
9	श्री सुरेश पिता शंकरलाल शर्मा नि-20 साकर कुंज इंदौर	पत्थर	आव्या नजीक	1.500	04.03.17 03.03.27	-	1- N23° 20' 58.85" E 75° 30' 14.45" 2- N23° 20' 59.56" E 75° 30' 18.56" 3- N23° 20' 57.51" E 75° 30' 18.24" 4- N23° 20' 57.20" E 75° 30' 14.22"	20 से 24
10	चालीकेशन पिता जमनालाल दास भटिया निवासी शिकेत्सालय मामं नागदा	पत्थर	कथनारिया	2.000	23.05.07 22.05.17	23.05.17 22.05.27	1- N23° 30' 32.09" E 75° 30' 3.14" 2- N23° 30' 32.23" E 75° 30' 3.87" 3- N23° 30' 31.36" E 75° 30' 4.11" 4- N23° 30' 28.11" E 75° 30' 2.17" 5- N23° 30' 27.20" E 75° 30' 4.72" 6- N23° 30' 23.85" E 75° 30' 2.96" 7- N23° 30' 25.22" E 75° 29' 58.41"	25 से 30
11	सहिन पिता प्रकाश पाटनी निवासी छोटा बाजार उन्हेल	पत्थर	आव्या नजीक	2.000	18.06.07 17.06.17	18.06.17 17.06.27	1- N23° 21' 26.07" E 75° 30' 20.27" 2- N23° 21' 26.64" E 75° 30' 24.08" 3- N23° 21' 29.55" E 75° 30' 23.75" 4- N23° 21' 29.17" E 75° 30' 20.11"	24 से 27
12	गणेश स्टीर केसर प्रोप्रायटर श्रीमती पुष्पा पति एकल जैन निवासी जवाहर मार्ग, नागदा	पत्थर	झांझाखड़ी	1.000	18.01.08 17.01.18	18.01.18 17.01.28	1- N23° 30' 2.01" E 75° 25' 18.06" 2- N23° 30' 3.41" E 75° 25' 18.5" 3- N23° 30' 3.62" E 75° 25' 20.23" 4- N23° 30' 5.85" E 75° 25' 21.33" 5- N23° 30' 6.17" E 75° 25' 24.00" 6- N23° 30' 4.04" E 75° 25' 23.44" 7- N23° 30' 2.60" E 75° 25' 20.64" 8- N23° 30' 1.44" E 75° 25' 19.80"	24 से 29
13	श्री नरेन्द्रसिंह पिता सुरेशमोहिं नि-नाथन	पत्थर	भौकमपुर	1.000	24.05.08 23.05.18	24.05.18 23.05.28	1- N23° 24' 00.14" E 75° 22' 16.78" 2- N23° 24' 00.24" E 75° 22' 18.54" 3- N23° 23' 58.50" E 75° 22' 21.20"	24 से 30



State Level Environmental Assessment Officer

State Level Environment Impact
Assessment Authority, M.P.
(EFCO)
Bharwanan Parisar
Bony, Bho (M.P.)

	अंतरण दिनेश पिला दुर्गातालढोडरिया नि-133 उज्जैन दरवाजा खावरीद						4- N23°23'55.67" E 75° 22'21.08" 5- N23°23'56.11" E 75° 22'17.37"	
14	श्री अश्विन पिला सतीश मारु, निवासी-छाटा बाजार, वाड नं. 13, उन्हेल	पत्थर	आव्या नजीक	2.000	01.01.16 31.12.21	01.01.21 31.12.25	1- N23° 21' 30.79" E 75° 30' 14.76" 2- N23° 21' 30.77" E 75° 30' 18.51" 3- N23° 21' 24.62" E 75° 30' 18.24" 4- N23° 21' 24.51" E 75° 30' 14.63"	18 से 25
15	श्री अश्विन पिला सतीश मारु, निवासी-छाटा बाजार, वाड नं. 13, उन्हेल	पत्थर	आव्या नजीक	4.000	01.01.16 31.12.21	01.01.21 31.12.25	1- N23° 21' 10.04" E 75° 30' 14.63" 2- N23° 21' 10.11" E 75° 30' 20.82" 3- N23° 21' 12.90" E 75° 30' 21.29" 4- N23° 21' 12.53" E 75° 30' 14.74"	25 से 32
16	श्री अश्विन पिला सतीश मारु, निवासी-छाटा बाजार, वाड नं. 13, उन्हेल	पत्थर	कुण्डला	4.000	08.08.14 07.08.24	-	1- N23° 21' 37.92" E 75° 29' 47.4" 2- N23° 21' 37.08" E 75° 29' 47.32" 3- N23° 21' 38.84" E 75° 29' 44.01" 4- N23° 21' 40.88" E 75° 29' 43.84" 5- N23° 21' 42.12" E 75° 29' 50.36" 6- N23° 21' 43.90" E 75° 29' 59.71" 7- N23° 21' 41.60" E 75° 29' 58.23" 8- N23° 21' 39.40" E 75° 29' 56.81" 9- N23° 21' 38.86" E 75° 29' 53.43" 10- N23° 21' 38.27" E 75° 29' 49.68"	26 से 30
17	श्री साधिन पिला श्री प्रकाशराम पाटनी निवासी-छाटा बाजार उन्हेल जिला उज्जैन	पत्थर	कुण्डला	4.000	08.08.14 07.08.24	-	1- N23° 21' 34.21" E 75° 29' 47.87" 2- N23° 21' 37.92" E 75° 29' 47.47" 3- N23° 21' 39.40" E 75° 29' 56.81" 4- N23° 21' 36.64" E 75° 29' 55.02" 5- N23° 21' 33.75" E 75° 29' 53.17" 6- N23° 21' 32.81" E 75° 29' 52.55" 7- N23° 21' 33.78" E 75° 29' 49.30"	25 से 30
18	श्री अश्विन पिला सतीश मारु, निवासी-छाटा बाजार, वाड नं. 13, उन्हेल	पत्थर	कुण्डला	8.000	28.07.2017 27.07.2027	-	1- N23° 21' 40.88" E 75° 29' 43.84" 2- N23° 21' 48.54" E 75° 29' 42.12" 3- N23° 21' 51.65" E 75° 29' 41.59" 4- N23° 21' 51.81" E 75° 29' 43.30" 5- N23° 21' 49.56" E 75° 29' 43.62" 6- N23° 21' 43.37" E 75° 29' 55.56" 7- N23° 21' 44.17" E 75° 29' 56.19" 8- N23° 21' 44.91" E 75° 30' 00.57" 9- N23° 21' 44.01" E 75° 29' 59.80" 10- N23° 21' 41.41" E 75° 29' 46.50"	45 से 50
19	श्री हरिनारायण पिला तक्षीनारायण थाकड़ निवासी-महात्मा गांधी	पत्थर	कस्ता जावरीद	2.488	26.06.15 25.06.25	-	1- N23° 25' 09.12" E 75° 18' 17.94"	26 से 29



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Assessment Authority

State Level Environment Impact
Assessment Authority, M.P.
(EPCO)


Parivartan Parisar
Bhopal (M.P.)

20	श्री रामेश्वर पिता रत्नलाल नांदेड निवासी-स्टेशन रोड उन्हेल	पर्यटन	आयुष्य नजीक	2.000	16.06.2016 15.06.2026	-	1-N23° 20' 55.13" E 75° 30' 04.85" 2-N23° 20' 57.35" E 75° 30' 04.82" 3-N23° 20' 57.40" E 75° 30' 13.23" 4-N23° 20' 55.26" E 75° 30' 13.25" 5-N23° 20' 53.87" E 75° 30' 12.21" 6-N23° 20' 53.87" E 75° 30' 09.36" 7-N23° 20' 55.18" E 75° 30' 09.41"	20 से 22
21	श्री रामेश्वर पिता मांगीलाल पार्टीदार निवासी-ग्राम मंडावदा तहसील खावरीद मृत्यु उपरांत श्री सुभाष पिता रामेश्वर पाटीदार निवासी-ग्राम मंडावदा तहसील खावरीद	पर्यटन	मंडावदा	1.000	05.10.2006 04.10.2016	05.10.2016 04.10.2026	1-N23° 20' 24.54" E 75° 17' 22.09" 2-N23° 20' 24.00" E 75° 17' 24.69" 3-N23° 20' 28.21" E 75° 17' 22.07" 4-N23° 20' 28.46" E 75° 17' 23.63"	15 से 17
22	श्री शैलेश पिता रमेशचन्द्र जायसवाल निवासी-20 राणाप्रताप मार्ग खावरीद	पर्यटन	वुरानावाद	2.000	24.09.2016 23.09.2026	-	1-N23° 27' 13.21" E 75° 20' 48.04" 2-N23° 27' 13.29" E 75° 20' 53.01" 3-N23° 27' 11.31" E 75° 20' 52.91" 4-N23° 27' 11.29" E 75° 20' 48.09"	NA
23	श्रीमति नीतू पति सूर्यकाश शर्मा निवासी-35 गोपाल कुंज रामद्वारा के पीछे गोपाल मार्ग खावरीद	पर्यटन	वुरानावाद	2.000	15.12.16 14.12.26	-	1-N23° 27' 09.89" E 75° 20' 52.43" 2-N23° 27' 09.93" E 75° 20' 55.28" 3-N23° 27' 08.01" E 75° 20' 56.33" 4-N23° 27' 06.85" E 75° 20' 56.60" 5-N23° 27' 07.02" E 75° 20' 52.84"	10 से 15
24	श्री सूर्यकाश पिता नीलकंठ शर्मा निवासी-90 सुभाष मार्ग खावरीद	पर्यटन	कुम्हारवाड़ी	2.000	15.12.16 14.12.26	-	1-N23° 24' 09.15" E 75° 19' 21.61" 2-N23° 24' 09.10" E 75° 19' 25.44" 3-N23° 24' 07.01" E 75° 19' 25.46" 4-N23° 24' 07.54" E 75° 19' 21.53"	NA
26	श्री विजय पिता लक्ष्मीनारायण संगीतला नि-9 विश्रम मार्ग खावरीद	पर्यटन	पचलासी	1.000	02.03.2017 01.03.2027	-	1-N23° 25' 22.24" E 75° 19' 22.36" 2-N23° 25' 21.98" E 75° 19' 25.61" 3-N23° 25' 17.99" E 75° 19' 25.26" 4-N23° 25' 17.79" E 75° 19' 22.66"	12 से 15
27	श्री बद्रीलाल पिता नारायण संगीतला नि-142 विक्रम मार्ग खावरीद	पर्यटन	करवा खावरीद	1.000	04.03.17 03.03.27	-	1-N23° 24' 47.50" E 75° 17' 58.60" 2-N23° 24' 48.20" E 75° 18' 01.70" 3-N23° 24' 44.52" E 75° 18' 02.52" 4-N23° 24' 43.75" E 75° 18' 00.16"	10 से 13
28	श्री उमेश पिता रामचरण जाट	पर्यटन	धूमहेडा	2.000	02.01.2018 01.01.2028	-	1-N23° 23' 07.54" E 75° 30' 19.28" 2-N23° 23' 07.44" E 75° 30' 24.54"	13 से 15


	निवासी-नई आवादी नागादा						3- N23° 23' 04.23" E 75° 30' 24.54" 4- N23° 23' 04.13" E 75° 30' 19.32"	
29	श्री सधिन पिता श्री प्रकाशचन्द्र पाटनी निवासी छाटा बाजार उन्हेल जिला उज्जैन	पथर	आव्या नजीक	4.00	12.07.2007 11.0.2017	12.07.2017 11.0.2027	1- N23° 21' 35.15" E 75° 29' 54.08" 2- N23° 21' 34.68" E 75° 29' 59.71" 3- N23° 21' 32.56" E 75° 29' 59.63" 4- N23° 21' 31.65" E 75° 29' 58.14" 5- N23° 21' 30.16" E 75° 29' 52.53"	20 से 24
30	श्री शंकरलाल पिता वर्मादीराम मंडवलीया नि-नागादा रोड अंतरण: पूवोरजसिंह निवासी-	पथर	बुरानाबाद	1.65	14.12.2018 13.12.28	-	1- N23° 27' 10.30" E 75° 20' 45.08" 2- N23° 27' 11.80" E 75° 20' 47.04" 3- N23° 27' 07" 88" E 75° 20' 50.47" 4- N23° 27' 07.46" E 75° 20' 49.46" 5- N23° 27' 04.00" E 75° 20' 50.29" 6- N23° 27' 03.97" E 75° 20' 49.41" 7- N23° 27' 04.46" E 75° 20' 49.36" 8- N23° 27' 04.86" E 75° 20' 49.01" 9- N23° 27' 5.00" E 75° 20' 48.72" 10- N23° 27' 06.48" E 75° 20' 48.24" 11- N23° 27' 06.42" E 75° 20' 47.45" 12- N23° 27' 09.01" E 75° 20' 46.49"	25 से 33
31	श्री दशरथ पिता कशुराम बम्हादिया नि-हाउसिंग वार्ड खावरीद	पथर	बेड़ावन्हा	1.00	14.12.2018 13.12.28	-	1- N23° 29' 42.37" E 75° 19' 22.71" 2- N23° 29' 38.16" E 75° 19' 22.76" 3- N23° 29' 36.73" E 75° 19' 21.88" 4- N23° 29' 36.99" E 75° 19' 20.15" 5- N23° 29' 39.10" E 75° 19' 20.59" 6- N23° 29' 40.94" E 75° 19' 20.40" 7- N23° 29' 41.02" E 75° 19' 21.86" 8- N23° 29' 42.20" E 75° 19' 21.95" 1- N23° 20' 56.46" E 75° 30' 25.03" 2- N23° 20' 57.79" E 75° 30' 29.30" 3- N23° 20' 51.55" E 75° 30' 29.29" 4- N23° 20' 51.54" E 75° 30' 24.70"	20 से 30
32	श्री मोहनसिंह पिता कमलसिंह नि-ग्राम आव्यानाजिक तह. नागादा	पथर	आव्या नजीक	2.00	14.01.2019 13.01.29	-	1- N23° 21' 35.6" E 75° 30' 08.8" 2- N23° 21' 42.1" E 75° 30' 09.9" 3- N23° 21' 39.6" E 75° 30' 15.2" 4- N23° 21' 34.2" E 75° 30' 14.5"	25 से 30
33	श्री हारकाभीरा पिता शिवनारायण मेहता नि- ग्राम उन्हेल तहसील नागादा	पथर	आव्या नजीक	4.00	21.04.2010 20.04.2020	21.04.2020 20.04.2030	1- N23° 29' 08.46" E 75° 19' 10.20" 2- N23° 29' 08.74" E 75° 19' 16.46" 3- N23° 29' 04.99" E 75° 19' 16.26" 4- N23° 29' 04.35" E 75° 19' 10.64"	40 से 50
34	पाटवाला निगरस एफडु भार्गवा पा. हायरएडर साहुल पिता सरयनारायण पाटवाला निवासी-72 सुख	पथर	बेड़ावन्हा	4.00	18.02.2010 17.02.3020	18.02.2020 17.02.3030	1- N23° 29' 08.46" E 75° 19' 10.20" 2- N23° 29' 08.74" E 75° 19' 16.46" 3- N23° 29' 04.99" E 75° 19' 16.26" 4- N23° 29' 04.35" E 75° 19' 10.64"	45 से 55



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	निवास राउ रमाबासा पुल्लोर							
35	श्री संधिन मिता श्री प्रकाशचन्द्र पाटनी निवासो छिटा बाजार उन्हेल जिला उज्जैन	पटथर	आख्या नजीक	4.000	05.01.2009 04.01.2019	05.01.2019 04.01.2029	1- N23°21' 39.16" E 75° 30' 07.55" 2- N23°21' 25.25" E 75° 30' 22.08" 3- N23°21' 32.58" E 75° 30' 21.44" 4- N23°21' 32.21" E 75° 30' 14.94"	44 से 50
36	श्री रमेश मिता मनोहरलाल जैन नि- 102 एमआईजी रोड नागादा पंच वारिसा बिना पेटा स्व. रमेश जैन क नाम ट्रस्टफर	पटथर	वनयाना	2.00	27.04.2009 26.07.2019	27.04.2019 26.07.2029	1- N23°25' 30.79" E 75° 29' 50.9" 2- N23°25' 33.52" E 75° 29' 51.17" 3- N23°25' 33.64" E 75° 29' 7.56" 4- N23°25' 36.22" E 75° 29' 7.65" 5- N23°25' 36.16" E 75° 29' 9.75" 6- N23°25' 31.02" E 75° 29' 9.49"	30 से 35
37	श्रीमति चंद्रकुमार पति शुशरीरहि वीहिन निवासो- 490, मुलाव वाई कालोनी नागादा	पटथर	मकला	1-500	15.07.2009 14.07.2019	15.07.2019 14.07.2029	1- N23° 20' 57.40" E 75° 30' 13.23" 2- N23° 20' 55.26" E 75° 30' 13.25"	23 से 28
38	श्रीसावल स्टान केशर प्रो. प्रो. हनुमानसिंह मिता नारायणसिंह शेखावल निवासो- 250 / 2, गवमैट कालोनी नागादा	पटथर	भगतापुरो	1-710	29.04.2010 28.04.2020	29.04.2020 28.04.2030	1- N23°28' 2.88" E 75° 22' 57.62"	25 से 30
44	महेश मिता श्रीमन्लाल वाकड निवासो-133 निक्रम मार्ग खावरोर जिला उज्जैन	पटथर	भीकमपुर	2.90	02.06.22 01.06.32	-	1- N23°24' 1.56" E 75° 22' 9.72" 2- N23°24' 1.11" E 75° 22' 15.48" 3- N23°23' 59.62" E 75° 22' 15.24" 4- N23°23' 59.83" E 75° 22' 16.34" 5- N23°23' 56.08" E 75° 22' 15.76" 6- N23°23' 55.59" E 75° 22' 14.85" 7- N23°23' 54.88" E 75° 22' 14.03" 8- N23°23' 55.00" E 75° 22' 11.11" 9- N23°23' 58.51" E 75° 22' 10.98" 10- N23°23' 58.52" E 75° 22' 9.99"	NA


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तहसील-बडनगर

क्र.	पट्टेधारक	खनिज	ग्राम	रकबा (हे.)	पट्टावाधि (प्रारम्भिक)	पट्टावाधि (नव-करण)	अक्षांश व देशांश	खदान क्षेत्र में वृक्षारोपण की जानकारी (वृक्षों की प्रजातियों के नाम-गुलमोहर, बबूल, नीम, पीपल, बादास, बांस, अशोक, आम, आंवला, कदम, किकर आदि)
1	श्री गुलाबसिंह पिता पर्यंतसिंह निवासी-ग्राम सिकन्दरखंडा तह. बडनगर जिला उज्जैन	पत्थर	सिकन्दरखंडा डा	2.000	24.05.14 23.05.24	-	1- N23°12' 48.05" E 75°51'05.05" 2- N23°12' 44.06" E 75°51'01.02"	खदान क्षेत्र में वृक्षारोपण की जानकारी (वृक्षों की प्रजातियों के नाम-गुलमोहर, बबूल, नीम, पीपल, बादास, बांस, अशोक, आम, आंवला, कदम, किकर आदि)
2	श्री महेंद्र पिता शंकरसिंह राठौर नि-ग्राम रुनिजा तह. बडनगर	पत्थर	रुनिजा	2.000	09.04.2018 08.04.2028	-	1- N23°09' 44.65" E 75°14'42.67" 2- N23°09' 43.73" E 75°14'46.38" 3- N23°09' 38.41" E 75°14'41.93" 4- N23°09' 39.55" E 75°14'38.57"	25 से 30
3	श्री जगन्नाथ पिता वद्वालाल निवासी-ग्राम मौलान तहसील बडनगर जिला उज्जैन	मुरम	मौलाना	4.000	26.06.15 25.06.25	-	1- N23°05' 18.06" E 75°26'08.73" 2- N23°05' 18.04" E 75°26'13.72" 3- N23°05' 10.77" E 75°26'14.26" 4- N23°05' 11.02" E 75°26'08.64"	40 से 50
4	श्री देवीलाल पिता लक्ष्मणरायण पाटीदार नि-ग्राम अजडावादा तह.बडनगर जिला उज्जैन	मुरम	वरडिया	3.800	02.12.15 01.12.25	-	1- N23°12' 34.26" E 75°20'36.52" 2- N23°12' 38.33" E 75°20'45.42" 3- N23°12' 42.19" E 75°20'45.63" 4- N23°12' 39.37" E 75°20'39.49"	28 से 35
5	श्री शुभम पिता गजेन्द्र दवे नि-ग्राम भंसलाखुर्द तह.बडनगर जिला उज्जैन	मुरम	भंसलाखुर्द	1.000	06.01.2018 05.01.2028	-	1- N23°09' 41.71" E 75°31'55.19" 2- N23°09' 40.87" E 75°31'57.55" 3- N23°09' 36.40" E 75°31'01.94" 4- N23°09' 33.25" E 75°31'01.63" 5- N23°09' 36.50" E 75°31'52.41"	20 से 25
6	श्री कुशालसिंह पिता	मुरम	खरसादकल	2.000	06.01.2018	-	1- N23°13' 39.04" E 75°21'17.28" 2- N23°13' 39.00" E 75°21'23.21"	25 से 32

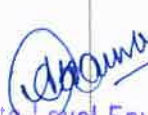
	रुकरासिंह निवासी-वासीदाकरन तह. बड़नगर		1		05.01.2028		3- N23°13' 38.22" E 75°21'23.24" 4- N23°13' 38.08" E 75°21'25.19" 5- N23°13' 33.54" E 75°21'25.07" 6- N23°13'33.79" E 75°21'17.36"	
7	श्री. महेंद्र पिता शक्तिशिव राठौर नि-मीन कनिजा तह. बड़नगर	पुरम	रुनिजा	2.000	09.04.2018 08.04.2028	-	1- N23°09' 51.52" E 75°14'49.61" 2- N23°09' 51.00" E 75°14'52.80" 3- N23°09'47.94" E 75°14'53.12" 4- N23°09' 47.96" E 75°14'52.04" 5- N23°09'45.05" E 75°14'51.92" 6- N23°09'45.25" E 75°14'48.30" 7- N23°09'48.47" E 75°14'48.24" 8- N23°09' 51.52" E 75°14'49.61"	25 से 30
8	श्री. सुरेश पिता लोलराम राठौर नि-सरसीदरुद बड़नगर	पुरम	खरसीदरुद	3.000	16.04.18 15.04.28	-	1- N23°6'46.84" E 75°25'27.04" 2- N23°6'48.20" E 75°25'33.11" 3- N23°6'42.57" E 75°25'33.27" 4- N23°6'42.88" E 75°25'32.39" 5- N23°6'40.89" E 75°25'28.29"	30 से 35
9	श्री. लोकेश पिता दापूरसिंह राजपूत निवासी- गाम असलावादा तह. बड़नगर जिला उज्जैन	पुरम	कलमाडा	4.000	16.04.18 15.04.28	-	1- N23°13'15.29" E 75°35'23.80" 2- N23°13'25.57" E 75°35'43.56" 3- N23°13'13.07" E 75°35'24.59" 4- N23°13'24.37" E 75°35'44.26"	40 से 50

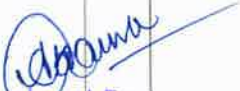
तहसील -महिदपुर

क्र.	पट्टेधारक	खनिज	ग्राम	रकबा (हे.)	पट्टावधि (प्रारंभिक)	पट्टावधि (नव-करण)	अक्षांश व देशांश	खदान क्षेत्र में वृक्षारोपण की जानकारी (वृक्षों की प्रजातियों के नाम-गुलमोहर,बबुल,नीम,पीपल,बादाम ,बांस,अशोक,आम,आवला,कदम,किकर आदि)
1	श्री. हितेश कुमार कल्याण बाटिया नि-राजेंद्र नगर महिदपुर अंतरण श्री किशोर पिता भरुलाल वर्मा नि-78/1 जेल शरद महिदपुर	पर्यार	सकाखेड़ी	1.000	25.02.05 24.02.15	25.02.15 24.02.25	1- N23°28' 16.44" E 75° 39'52"56" 2- N23°28' 17.15" E 75° 39'57"66" 3- N23°28' 12.55" E 75° 39'55"99"	खदानवार वृक्षों की संख्या (औसतन) 20 से 25

2	श्रीमती प्रभा केवला पति लोकेश्वर सिंह चौधरी निवासी 7, यशवंतनगर, महिदपुर	पर्यटन	बजारी	0.750	10.03.08 09.03.18	10.03.18 09.03.28	1- N23°31' 00.67" E 75° 35.54' 09" 2- N23°31' 00.48" E 75° 35.55' 16" 3- N23°31' 00.87" E 75° 35.55' 38" 4- N23°31' 00.75" E 75° 35.56' 47" 5- N23°30' 59.36" E 75° 35.56' 02" 6- N23°30' 59.60" E 75° 35.54' 99"	20 से 22
3	जगत खान पिता अमजद खान पटेल निवासी महिदपुर सीटी	पर्यटन	कुक्नी	1.000	08.04.08 07.04.18	08.04.18 07.04.28	1- N23°30' 16.50" E 75° 36.37' 40" 2- N23°30' 20.40" E 75° 36.42' 40" 3- N23°30' 19.50" E 75° 36.43' 80" 4- N23°30' 15.00" E 75° 36.36' 30"	20 से 30
4	श्री मनाज पिता रमेशचन्द्र जैन निवासी 196 ग्राम गंगापुर महिदपुर	पर्यटन	कानाखंडीए कलासपुर	1.000	5.12.14 04.12.24	-	1- N23°34' 32.17" E 75° 30.41.56" 2- N23°34' 31.30" E 75° 30.50.91" 3- N23°34' 29.90" E 75° 30.49.44" 4- N23°34' 29.97" E 75° 30.41.31"	20 से 25
5	मो. रफीक पिता हजो चाद मो. नागरी, सि. 17/2 नागरी मो. महिदपुर	पर्यटन	खिलावद	1.000	19.01.2016 18.01.2026	-	1- N23°30' 03.60" E 75° 36.28.20" 2- N23°30' 05.90" E 75° 36.28.80" 3- N23°30' 07.60" E 75° 36.25.30" 4- N23°30' 04.60" E 75° 36.25.00"	20 से 28
6	श्री विक्रम पिता सेवराम आंजना निवासी-ढाबलासिंगा	पर्यटन	सानाधराधीर	2.000	22.12.16 21.12.26	-	1- N23°38.52.57" E 75° 39.43.48" 2- N23°38.52.83" E 75° 39.45.24" 3- N23°38.49.27" E 75° 39.46.05" 4- N23°38.47.39" E 75° 39.42.85" 5- N23°38.50.46" E 75° 39.42.85" 6- N23°38.50.46" E 75° 39.42.58"	25 से 30
7	श्री यश पिता कमल किशोर त्रिवेदी निवासी-शुगर मिल मार्ग महिदपुर	पर्यटन	डेलवीबुजुंग	2.000	22.12.2016 21.11.2026	-	1- N23°32' 30.11" E 75° 33.30.51" 2- N23°32' 30.20" E 75° 33.27.75" 3- N23°32' 37.55" E 75° 33.26.89" 4- N23°32' 37.88" E 75° 33.30.42"	25 से 30
8	श्री रंगलाल पिता जगदीशचन्द्र नि-कान्हाखेडी तह. महिदपुर	पर्यटन	निधानियाब दर	2.000	28.02.17 27.02.27	-	1- N23°34' 09.00" E 75° 39.13.74" 2- N23°34' 06.54" E 75° 39.20.10" 3- N23°34' 10.32" E 75° 39.19.69" 4- N23°34' 06.46" E 75° 39.13.79"	28 से 33
9	श्री अनन्दीप पिता प्रतापसिंह गुर नि-मुख्य मार्ग महिदपुर	पर्यटन	गंगापुर	2.000	10.03.17 09.03.27	-	1- N23°34' 04.26" E 75° 31.16.18" 2- N23°34' 04.27" E 75° 31.20.08" 3- N23°34' 02.07" E 75° 31.20.08" 4- N23°34' 01.99" E 75° 31.16.19"	NA
10	दोपमाता पिता प्रतापसिंह कुमावत	पर्यटन	समान्या	2.000	04.08.17 03.08.27	-	1- N23°33' 36.94" E 75° 38.49.33" 2- N23°33' 37.03" E 75° 38.55.90"	30 से 35

	निवासी-81 आनंद नगर राजन									3- N23°33' 40.40" E 75°38'55.79" 4- N23°33' 40.27" E 75°38'48.73"	
11	महापौराधिकार विभाग सहकाराधिकार निवासी-नि-गाम कोलखेडा नाड महिनपुर	परधर	माल्या	2.000	21.07.17 20.07.27	-				1- N23°44' 29.74" E 75°42'02.34" 2- N23°44' 29.70" E 75°42'07.79" 3- N23°44' 23.28" E 75°42'07.44" 4- N23°44' 23.23" E 75°42'02.13"	30 से 37
12	श्रीमती सुप्रिया पति दिनेश शारदा नि-महिनपुर	परधर	रोहिडा	2.900	24.08.18 23.08.28	-				1- N23°30' 45.60" E 75°36'28.20" 2- N23°30' 45.80" E 75°36'29.20" 3- N23°30' 45.90" E 75°36'35.80" 4- N23°30'43.67" E 75°36'27.87" 5- N23°30' 42.75" E 75°36'35.11"	30 से 40
13	श्री दिनेश पिता महापौराधिकार शारदा निवासी-2 गांधी नगर महिनपुर	परधर	कानाखेडा कलसपुर	2.300	16.04.18 15.04.28	-				1- N23°34'40.02" E 75°30'44.60" 2- N23°34'39.86" E 75°30'52.11" 3- N23°34'36.43" E 75°30'51.92" 4- N23°34'36.65" E 75°30'48.87" 5- N23°34'38.64" E 75°30'44.69"	NA
14	श्री शंकराधिकार पिता मानाधिकार निवासी-तारीट सहस्रीन महिनपुर जिला उज्जैन	मुरम	तारीट	1.000	15.02.2018 14.02.2028	-				1- N23°35' 38.13" E 75°40'45.60" 2- N23°35' 38.22" E 75°40'48.41" 3- N23°35' 35.64" E 75°40'48.43" 4- N23°35' 35.60" E 75°40'45.76"	10 से 17


Stair Level Env
Assessment


 State Level Environment Impact
 Assessment Authority, M.P.
 (EPCO)
 Parvatan Parisar
 E-5, 8 Stra Colony, Bhopal (M.P.)

13.1 LIST OF EXISTING LEASE WITH LAT.&LONG.:

तहसील-उज्जैन

Sl. No.	Name of the Lessee	Mining Grant Order No. & date	Village	Survey No./ Area of Mining (Initial)	Period of Mining Lease (1/2..ren	Date of commencement of Mining Operation	Status (Working/ Non-Working for dispatch etc.)	Capitve/Non-captive	Obtained Environmental Clearance (Yes/No) If Yes letter No. with date of Grant Of EC.	Location of the Mining lease (latitude & Longitude)	Meth od of Mining Open cast/ Under ground
1	श्रीमती रागराजि	2541 21-11-2017	राकजय रामपुर	149 / 1.75	From 11.10.18 To 11.10.28	12.10.08	Working	Non-captive	Yes 1982/17/10/2016	1- N23°10' 54.47" E 75°52' 10.62" 2- N23°10' 59.82" E 75°52' 14.40" 3- N23°10' 55.21" E 75°52' 10.43" 4- N23°10' 54.36" E 75°52' 14.36" 5- N23°10' 52.86" E 75°52' 10.88"	Open cast/ Under ground
2	श्रीमती रागराजि	2541 21-11-2017	राकजय रामपुर	149 / 1.500	From 11.10.18 To 11.10.28	12.10.08	Working	Non-captive	Yes 947/19-05-2016	1- N23°10' 53.73" E 75°52' 07.10" 2- N23°10' 53.50" E 75°52' 12.17" 3- N23°10' 49.79" E 75°52' 11.57" 4- N23°10' 49.79" E 75°52' 07.82"	Open cast/ Under ground
3	श्री श्रीमती रागराजि	800 25.07.2017	राकजय रामपुर	149 / 2.000	From 28.05.18 To 28.05.18	28.05.08	Working	Non-captive	Yes 11607/26-10-2016	1- N23°10' 58.62" E 75°52' 06.13" 2- N23°10' 54.13" E 75°52' 10.61" 3- N23°10' 58.09" E 75°52' 10.61" 4- N23°10' 54.30" E 75°52' 06.73"	Open cast/ Under ground
4	श्री श्रीमती रागराजि	2784 31.10.15	राकजय रामपुर	192 / 2.000	From 01.08.21 To 01.08.21	01.08.16	Working	Non-captive	Yes 1110/31-05-2016	1- N23°10' 42.36" E 75°42' 03.11" 2- N23°10' 42.32" E 75°42' 07.45" 3- N23°10' 35.23" E 75°42' 07.52" 4- N23°10' 35.26" E 75°42' 05.36" 5- N23°10' 39.02" E 75°42' 05.34" 6- N23°10' 39.03" E 75°42' 03.20"	Open cast/ Under ground

[illegible]

[illegible]

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

35	श्री. राजेश कुमार 9425093184	729	सुरजनंद रामा	203	25.04.15 24.04.25	—	25.04.15	Working	Non- captive	Yes 1988/17-10-2016	1- N23°10'50.09" E 75°52'18.50" 2- N23°10'04.00" E 75°52'15.40" 3- N23°10'00.60" E 75°52'17.50"	Openca st/
36	श्री. राजेश कुमार 9425093184	214	चक्रजय रामपुर	148 171 182/2 1,920	06.08.14 07.08.24	—	06.08.14	Working	Non- captive	Yes 901/19-05-2019	1- N23°10'56.38" E 75°52'14.67" 2- N23°10'55.77" E 75°52'18.27" 3- N23°10'53.77" E 75°52'18.66" 4- N23°10'51.36" E 75°52'23.67" 5- N23°10'49.28" E 75°52'23.13" 6- N23°10'49.36" E 75°52'17.84" 7- N23°10'53.80" E 75°52'18.02" 8- N23°10'54.18" E 75°52'14.44"	Openca st/
37	श्री. राजेश कुमार 9425093184	584	चक्रजय रामपुर	236	05.12.14 04.12.24	—	05.12.14	Working	Non- captive	Yes 3759/17-10-2017	1- N23°09'49.40" E 75°54'59.70" 2- N23°09'49.67" E 75°54'59.93" 3- N23°09'52.21" E 75°55'02.56" 4- N23°09'51.78" E 75°55'03.50" 5- N23°09'57.42" E 75°55'06.42" 6- N23°09'57.09" E 75°55'07.74" 7- N23°09'55.21" E 75°55'07.72" 8- N23°09'54.92" E 75°55'09.02" 9- N23°09'54.14" E 75°55'08.82" 10- N23°09'49.52" E 75°55'04.03" 11- N23°09'48.90" E 75°55'05.77" 12- N23°09'51.43" E 75°55'08.97" 13- N23°09'49.42" E 75°55'10.11" 14- N23°09'46.49" E 75°55'10.47" 15- N23°09'46.68" E 75°55'03.16"	Openca st/
38	श्री. राजेश कुमार 9425093184	585	चक्रजय रामपुर	236	05.12.14 04.12.24	—	05.12.14	Working	Non- captive	Yes 3759/16-07-2017	1- N23°09'46.68" E 75°55'16.16" 2- N23°09'46.49" E 75°55'10.47" 3- N23°09'42.62" E 75°55'03.85" 4- N23°09'42.26" E 75°55'15.16" 5- N23°09'40.75" E 75°55'16.9" 6- N23°09'40.68" E 75°55'09.8" 7- N23°09'41.90" E 75°55'55.12"	Openca st/
39	श्री. राजेश कुमार 9425093184	2778-79 30.10.2015	माधपुर	198 199	05.11.15 04.11.25	—	05.11.15	Working	Non- captive	Yes 961/19-05-2016	1- N23°05'55.38" E 75°58'35.24" 2- N23°05'56.36" E 75°58'42.53"	Openca st/

	पुष्कर निवासी-ग्राम नगरपालिका व ताला उत्पत्ति	951-55 27.07.2020 नगर	सकल जल सामग्री	174/1 174/3 174/4 175 178/2 1-800	14.09.20 13.09.20	-	14.09.20	Working	Non- captive	Yes 1414/31-12-2020	4- N23°07'40.16" E 75°54'54.65" 5- N23°07'41.49" E 75°54'54.18" 6- N23°07'40.46" E 75°54'50.19"	
58	पुष्कर अक्षांश प्रान्त भारत-माला नगर नि-61/10 कावाट नगर उत्पत्ति	9425091945	सकल जल सामग्री	167/1 167/2 168 1,000	12.06.10 21.04.20	12.06.20 21.04.30	12.06.10	Working	Non- captive	Yes 1204/31-05-2016	1- N23°10'47.83" E 75°52'17.09" 2- N23°10'43.00" E 75°52'16.00" 3- N23°10'43.00" E 75°52'09.09" 4- N23°10'49.60" E 75°52'09.09"	Openca su/
59	पुष्कर भारत-माला नगर निवासी-अक्षांश नगर उत्पत्ति	9427073469	सकल जल सामग्री	347 1,460	21.08.20 20.06.30	-	21.08.20	Non Working	Non- captive	No	1- N23°12'47.54" E 75°52'37.33" 2- N23°12'47.55" E 75°52'39.44" 3- N23°12'47.11" E 75°52'39.44" 4- N23°12'47.12" E 75°52'41.76" 5- N23°12'44.77" E 75°52'42.07" 6- N23°12'43.32" E 75°52'29.03"	Openca su/
60	पुष्कर भारत-माला नगर नि-55, दरभंगा नगर उत्पत्ति	9425195880	सकल जल सामग्री	188 1,500	27.07.19 26.07.29	-	-	Non Working	Non- captive	Yes 2129/10-10-2021	1- N23°10'42.06" E 75°52'5.07" 2- N23°10'41.91" E 75°52'10.12" 3- N23°10'38.58" E 75°52'10.00" 4- N23°10'38.63" E 75°52'5.09"	Openca su/
61	पुष्कर भारत-माला नगर नि-175 निवासी-अक्षांश नगर उत्पत्ति	9425195880	सकल जल सामग्री	311 2,000	03.01.09 02.01.19	03.01.19 02.01.29	03.01.09	Working	Non- captive	Yes 1990/17-10-2016	1- N23°16'01.93" E 75°54'00.24" 2- N23°16'01.83" E 75°54'03.58" 3- N23°16'08.13" E 75°54'03.79" 4- N23°16'05.02" E 75°54'01.95"	Openca su/
62	पुष्कर भारत-माला नगर निवासी-अक्षांश नगर उत्पत्ति	7889900688	सकल जल सामग्री									

	श्री. वसुधा शर्मा जन्म 1958 पति के पास	544	मालपुरा	200	11/08/21	11/08/21	Working	Non- captive	Yes	8631/07-01-2021	1- N23°54.649' E 75°58.34.684" 2- N23°54.640' E 75°58.36.009" 3- N23°54.606' E 75°58.36.169" 4- N23°54.585' E 75°58.37.960" 5- N23°54.981' E 75°58.37.970" 6- N23°54.998' E 75°58.43.980" 7- N23°55.159' E 75°58.43.996" 8- N23°55.072' E 75°58.41.752" 9- N23°55.2705' E 75°58.41.757" 10- N23°55.510' E 75°58.35.659" 11- N23°55.051' E 75°58.35.641" 12- N23°54.986' E 75°58.34.658"	Openca su/
68	श्री. वसुधा शर्मा जन्म 1958 पति के पास	544	मालपुरा	200	11/08/21	11/08/21	Working	Non- captive	Yes	8631/07-01-2021	1- N23°54.649' E 75°58.34.684" 2- N23°54.640' E 75°58.36.009" 3- N23°54.606' E 75°58.36.169" 4- N23°54.585' E 75°58.37.960" 5- N23°54.981' E 75°58.37.970" 6- N23°54.998' E 75°58.43.980" 7- N23°55.159' E 75°58.43.996" 8- N23°55.072' E 75°58.41.752" 9- N23°55.2705' E 75°58.41.757" 10- N23°55.510' E 75°58.35.659" 11- N23°55.051' E 75°58.35.641" 12- N23°54.986' E 75°58.34.658"	Openca su/
69	श्री. वसुधा शर्मा जन्म 1958 पति के पास	544	मालपुरा	200	11/08/21	11/08/21	Working	Non- captive	Yes	8631/07-01-2021	1- N23°54.649' E 75°58.34.684" 2- N23°54.640' E 75°58.36.009" 3- N23°54.606' E 75°58.36.169" 4- N23°54.585' E 75°58.37.960" 5- N23°54.981' E 75°58.37.970" 6- N23°54.998' E 75°58.43.980" 7- N23°55.159' E 75°58.43.996" 8- N23°55.072' E 75°58.41.752" 9- N23°55.2705' E 75°58.41.757" 10- N23°55.510' E 75°58.35.659" 11- N23°55.051' E 75°58.35.641" 12- N23°54.986' E 75°58.34.658"	Openca su/
70	श्री. वसुधा शर्मा जन्म 1958 पति के पास	544	मालपुरा	200	11/08/21	11/08/21	Working	Non- captive	Yes	8631/07-01-2021	1- N23°54.649' E 75°58.34.684" 2- N23°54.640' E 75°58.36.009" 3- N23°54.606' E 75°58.36.169" 4- N23°54.585' E 75°58.37.960" 5- N23°54.981' E 75°58.37.970" 6- N23°54.998' E 75°58.43.980" 7- N23°55.159' E 75°58.43.996" 8- N23°55.072' E 75°58.41.752" 9- N23°55.2705' E 75°58.41.757" 10- N23°55.510' E 75°58.35.659" 11- N23°55.051' E 75°58.35.641" 12- N23°54.986' E 75°58.34.658"	Openca su/
71	श्री. वसुधा शर्मा जन्म 1958 पति के पास	544	मालपुरा	200	11/08/21	11/08/21	Working	Non- captive	Yes	8631/07-01-2021	1- N23°54.649' E 75°58.34.684" 2- N23°54.640' E 75°58.36.009" 3- N23°54.606' E 75°58.36.169" 4- N23°54.585' E 75°58.37.960" 5- N23°54.981' E 75°58.37.970" 6- N23°54.998' E 75°58.43.980" 7- N23°55.159' E 75°58.43.996" 8- N23°55.072' E 75°58.41.752" 9- N23°55.2705' E 75°58.41.757" 10- N23°55.510' E 75°58.35.659" 11- N23°55.051' E 75°58.35.641" 12- N23°54.986' E 75°58.34.658"	Openca su/
72	श्री. वसुधा शर्मा जन्म 1958 पति के पास	544	मालपुरा	200	11/08/21	11/08/21	Working	Non- captive	Yes	8631/07-01-2021	1- N23°54.649' E 75°58.34.684" 2- N23°54.640' E 75°58.36.009" 3- N23°54.606' E 75°58.36.169" 4- N23°54.585' E 75°58.37.960" 5- N23°54.981' E 75°58.37.970" 6- N23°54.998' E 75°58.43.980" 7- N23°55.159' E 75°58.43.996" 8- N23°55.072' E 75°58.41.752" 9- N23°55.2705' E 75°58.41.757" 10- N23°55.510' E 75°58.35.659" 11- N23°55.051' E 75°58.35.641" 12- N23°54.986' E 75°58.34.658"	Openca su/
73	श्री. वसुधा शर्मा जन्म 1958 पति के पास	544	मालपुरा	200	11/08/21	11/08/21	Working	Non- captive	Yes	8631/07-01-2021	1- N23°54.649' E 75°58.34.684" 2- N23°54.640' E 75°58.36.009" 3- N23°54.606' E 75°58.36.169" 4- N23°54.585' E 75°58.37.960" 5- N23°54.981' E 75°58.37.970" 6- N23°54.998' E 75°58.43.980" 7- N23°55.159' E 75°58.43.996" 8- N23°55.072' E 75°58.41.752" 9- N23°55.2705' E 75°58.41.757" 10- N23°55.510' E 75°58.35.659" 11- N23°55.051' E 75°58.35.641" 12- N23°54.986' E 75°58.34.658"	Openca su/

87	प्रा.सं.र श्रीमती अंजना पुस्तिका	2717-18 18.12.2017	पिपल्या वडा	54/1/2 4.000	08.06.2021 07.06.2031	-	-	Non Working	Non- captive	Yes	1- N23°15'29.59" E 75°53'17.08" 2- N23°15'38.38" E 75°53'19.32" 3- N23°15'37.64" E 75°53'21.71"	Openca st/
83	प्रा.सं.र रंजना पति दिनाश शर्मा निवासी-65, सुदामा नगर उज्जैन	852 14.07.2009	शंकरपुर ता	54/1 54/2 1.500	22.07.09 21.07.19 नवकर प्रधान	-	22.07.09 21.07.19 नवकर प्रधान	Non Working	Non- captive	Yes	1- N23°11'28.19" E 75°50'41.01" 2- N23°11'28.25" E 75°50'45.32" 3- N23°11'29.14" E 75°50'45.60" 4- N23°11'29.55" E 75°50'48.70" 5- N23°11'28.46" E 75°50'50.31" 6- N23°11'26.11" E 75°50'40.94"	Openca st/
84	प्रा.सं.र श्री अर्पिता पिता कलशचन्द्र शर्मा निवासी-पिप्रा नंद नगर उज्जैन	435 03.03.2010	सुरजनव ता	203 2.500	19.04.2010 18.04.2020 नवकर प्रधान	-	19.04.2010	Non Working	Non- captive	Yes	1- N23°10'36.62" E 75°52'34.04" 2- N23°10'34.18" E 75°52'41.85" 3- N23°10'32.31" E 75°52'41.14" 4- N23°10'33.90" E 75°52'33.90"	Openca st/
85	प्रा.सं.र अक्षय पिता खेमचंद पात निवासी-उज्जैन न	6431-42 29.06.2019	गुनईखा ता	307 4.000	31.01.22 30.01.32	-	-	Non Working	Non- captive	Yes	1- N23°15'55.69" E 75°53'54.53" 2- N23°15'47.00" E 75°53'54.39" 3- N23°15'46.60" E 75°53'56.00" 4- N23°15'51.79" E 75°54'59.12" 5- N23°15'56.77" E 75°54'02.10"	Openca st/
86	प्रा.सं.र नमो पिता प्रमोदरायण पेठार निवासी-52 / 1 मोवा कालानो -पिप्रा उज्जैन	2347 14.12.2018	उमरिया जगीर	7 3.990	11.06.21 10.06.31	-	-	Non Working	Non- captive	No	1- N23°16'18.51" E 75°54'24.98" 2- N23°16'16.62" E 75°54'25.76" 3- N23°16'16.09" E 75°54'26.67" 4- N23°16'11.18" E 75°54'16.96" 5- N23°16'14.37" E 75°54'16.37" 6- N23°16'15.64" E 75°54'16.64" 7- N23°16'19.51" E 75°54'19.56"	Openca st/
81	प्रा.सं.र कामल पिता मनीरराज खेडी निवासी-मोवा मार्ग फिमला उज्जैन	859 14.07.2009	जेवतपुर	114 2.000	27.05.10 26.05.26 नवकर प्रधान	-	27.05.10	Non Working	Non- captive	Yes	1- N23°10'44.42" E 75°52'16.71" 2- N23°10'44.42" E 75°52'18.78" 3- N23°10'48.04" E 75°52'20.07" 4- N23°10'48.04" E 75°52'18.26" 5- N23°10'50.02" E 75°52'15.68" 6- N23°10'47.63" E 75°52'14.59"	Openca st/
82	प्रा.सं.र कमल पिता मनीरराज खेडी निवासी-मोवा मार्ग फिमला उज्जैन	702 06.05.2010	जेवतपुर	114 1.000	10.05.10 09.05.20 नवकर प्रधान	-	10.05.10	Non Working	Non- captive	Yes	1- N23°10'39.69" E 75°52'24.73" 2- N23°10'38.46" E 75°52'28.78" 3- N23°10'42.24" E 75°52'30.25" 4- N23°10'42.95" E 75°52'26.52"	Openca st/

7	ਗੰਗਾਵਾੜ ਕਲਾਂ ਗੰਗਾਵਾੜ 9425094494	1489 15.07.16	ਜਨਵਰ	1109 2.000	22.06.16 21.06.21 ਜਨਵਰ	22.06.16	Non Working	Non-captive	Yes	8- N23°20'47.03" E 75°51'22.86" 9- N23°20'51.85" E 75°51'20.49" 10- N23°20'50.89" E 75°51'25.00" 11- N23°20'52.79" E 75°51'28.81"	Openca SU
8	ਗੰਗਾਵਾੜ ਕਲਾਂ ਗੰਗਾਵਾੜ 9425094494	1489 15.07.16	ਜਨਵਰ	1109 2.000	22.06.16 21.06.21 ਜਨਵਰ	22.06.16	Non Working	Non-captive	Yes	1- N23°20'31.6" E 75°51'31.9" 2- N23°20'32.9" E 75°51'34.8" 3- N23°20'30.15" E 75°51'38.37"	Openca SU
9	ਗੰਗਾਵਾੜ ਕਲਾਂ ਗੰਗਾਵਾੜ 9425094494	1489 15.07.16	ਜਨਵਰ	1109 2.000	22.06.16 21.06.21 ਜਨਵਰ	22.06.16	Non Working	Non-captive	Yes	1- N23°22'11.91" E 75°51'0.08" 2- N23°22'11.53" E 75°51'5.11" 3- N23°22'29.41" E 75°51'5.08" 4- N23°22'29.59" E 75°51'0.20"	Openca SU
10	ਗੰਗਾਵਾੜ ਕਲਾਂ ਗੰਗਾਵਾੜ 9425094494	1489 15.07.16	ਜਨਵਰ	1109 2.000	22.06.16 21.06.21 ਜਨਵਰ	22.06.16	Non Working	Non-captive	Yes	1- N23°22'20.177" E 75°51'7.429" 2- N23°22'16.582" E 75°51'7.055" 3- N23°22'16.812" E 75°51'3.86" 4- N23°22'20.418" E 75°51'4.227"	Openca SU
11	ਗੰਗਾਵਾੜ ਕਲਾਂ ਗੰਗਾਵਾੜ 9425094494	1489 15.07.16	ਜਨਵਰ	1109 2.000	22.06.16 21.06.21 ਜਨਵਰ	22.06.16	Non Working	Non-captive	Yes	1- N23°22'41.56" E 75°43'15.23" 2- N23°22'48.75" E 75°43'17.41"	Openca SU
12	ਗੰਗਾਵਾੜ ਕਲਾਂ ਗੰਗਾਵਾੜ 9425094494	1489 15.07.16	ਜਨਵਰ	1109 2.000	22.06.16 21.06.21 ਜਨਵਰ	22.06.16	Non Working	Non-captive	Yes	1- N23°22'13.68" E 75°51'19.54" 2- N23°22'12.48" E 75°51'26.91" 3- N23°22'29.78" E 75°51'27.11" 4- N23°22'10.55" E 75°51'22.74" 5- N23°22'11.86" E 75°51'22.79" 6- N23°22'12.24" E 75°51'20.60" 7- N23°22'29.41" E 75°51'19.86"	Openca SU

1	श्री विन्हा पिता	1968/2	घाटिया	82	23.01.14	-	23.01.14	Working	Non-captive	Yes	6229/13-10-2015	1-N23°22'54.17" E 75°50'25.73" 2-N23°22'50.23" E 75°50'27.83"	Open cu st/
2	मदनलाल प्रजापत विवासी-ग्राम विन्हा तह. उल्हास	6.12.13		1.000	22.01.24								
3	श्री लालचंद सिंह पिता मन्नालाल सिंह विवासी-ग्राम विन्हा तह. उल्हास	2352/2 1.02.14	घाटिया	944 1.000	29.07.14 28.07.24	-	29.07.14	Working	Non-captive	Yes	3001/17/10/2015	1-N23°22'16.83" E 75°51'3.87" 2-N23°22'16.63" E 75°51'6.54" 3-N23°22'12.43" E 75°51'6.16" 4-N23°22'12.65" E 75°51'3.44"	Open cu st/
4	श्री लालचंद सिंह पिता मन्नालाल सिंह विवासी-ग्राम विन्हा तह. उल्हास	2352/2 1.02.14	घाटिया	944 1.000	29.07.14 28.07.24	-	29.07.14	Working	Non-captive	Yes	3001/17/10/2015	1-N23°22'16.83" E 75°51'3.87" 2-N23°22'16.63" E 75°51'6.54" 3-N23°22'12.43" E 75°51'6.16" 4-N23°22'12.65" E 75°51'3.44"	Open cu st/
5	श्री लालचंद सिंह पिता मन्नालाल सिंह विवासी-ग्राम विन्हा तह. उल्हास	2352/2 1.02.14	घाटिया	944 1.000	29.07.14 28.07.24	-	29.07.14	Working	Non-captive	Yes	3001/17/10/2015	1-N23°22'16.83" E 75°51'3.87" 2-N23°22'16.63" E 75°51'6.54" 3-N23°22'12.43" E 75°51'6.16" 4-N23°22'12.65" E 75°51'3.44"	Open cu st/
6	श्री लालचंद सिंह पिता मन्नालाल सिंह विवासी-ग्राम विन्हा तह. उल्हास	2352/2 1.02.14	घाटिया	944 1.000	29.07.14 28.07.24	-	29.07.14	Working	Non-captive	Yes	3001/17/10/2015	1-N23°22'16.83" E 75°51'3.87" 2-N23°22'16.63" E 75°51'6.54" 3-N23°22'12.43" E 75°51'6.16" 4-N23°22'12.65" E 75°51'3.44"	Open cu st/
7	श्री लालचंद सिंह पिता मन्नालाल सिंह विवासी-ग्राम विन्हा तह. उल्हास	2352/2 1.02.14	घाटिया	944 1.000	29.07.14 28.07.24	-	29.07.14	Working	Non-captive	Yes	3001/17/10/2015	1-N23°22'16.83" E 75°51'3.87" 2-N23°22'16.63" E 75°51'6.54" 3-N23°22'12.43" E 75°51'6.16" 4-N23°22'12.65" E 75°51'3.44"	Open cu st/

	नगरा नि-53 नगरा नगरा नगरा नगरा	2016						4- N23°19'58.19" E 75°51'45.99"			
1	नगरा नि-53 नगरा नगरा नगरा नगरा	1671 1208 2016	नगरा नगरा नगरा नगरा	145 2.000	07.09.2016 06.09.2026		Working	Non- captive	Yes 2588/30-11-2017	1- N23°20'02.03" E 75°51'49.55" 2- N23°20'02.14" E 75°51'53.48" 3- N23°20'55.83" E 75°51'53.66" 4- N23°20'56.86" E 75°51'49.93"	Open st/
1	नगरा नि-53 नगरा नगरा नगरा नगरा	2478 2912 2016	नगरा नगरा नगरा नगरा	145 2.000	19.01.17 16.01.27		Working	Non- captive	Yes 2583/30-11-2017	1- N23°20'09.42" E 75°51'49.87" 2- N23°20'06.79" E 75°51'55.00" 3- N23°20'02.67" E 75°51'54.75" 4- N23°20'02.62" E 75°51'50.83"	Open st/
2	नगरा नि-53 नगरा नगरा नगरा नगरा	2481 2912 2016	नगरा नगरा नगरा नगरा	145 2.000	19.01.17 16.01.27		Working	Non- captive	Yes 2584/30-11-2017	1- N23°20'02.59" E 75°51'50.82" 2- N23°20'02.53" E 75°51'54.78" 3- N23°19'52.74" E 75°51'55.55" 4- N23°19'53.90" E 75°51'53.53" 5- N23°20'02.14" E 75°51'53.48" 6- N23°20'02.21" E 75°51'50.86"	Open st/
2	नगरा नि-53 नगरा नगरा नगरा नगरा	1727 2307 2016	नगरा नगरा नगरा नगरा	82 1.000	02.03.2017 01.03.2027		Working	Non- captive	Yes 2365/16-10-2017	1- N23°23'10.91" E 75°51'34.16" 2- N23°23'06.89" E 75°51'40.54" 3- N23°23'13.15" E 75°51'40.09" 4- N23°23'14.33" E 75°51'35.90"	Open st/
2	नगरा नि-53 नगरा नगरा नगरा नगरा	437 0203 2017	नगरा नगरा नगरा नगरा	245 1.500	14.03.2017 13.03.2027		Working	Non- captive	Yes 2359/16-10-2017	1- N23°11'48.85" E 75°42'21.50" 2- N23°11'49.13" E 75°42'26.57" 3- N23°11'46.22" E 75°42'26.77" 4- N23°11'44.55" E 75°42'24.00" 5- N23°11'44.58" E 75°42'21.18"	Open st/
2	नगरा नि-53 नगरा नगरा नगरा नगरा	1396 1307 2017	नगरा नगरा नगरा नगरा	944 1.000	06.01.2018 05.01.2028		Working	Non- captive	Yes 2376/16-10-2017	1- N23°22'20.6" E 75°51'07.2" 2- N23°22'19.6" E 75°51'9.6" 3- N23°22'16.9" E 75°51'06.5" 4- N23°22'16.5" E 75°51'09.1"	Open st/

4	ಕರ್ನಾಟಕ ಸರ್ಕಾರ ಸರ್ವೆಕ್ಷನ್ ಇಲಾಖೆ ಬೆಂಗಳೂರು 102 ಸ್ಟಾಲ್ ಕರ್ನಾಟಕ ಸರ್ಕಾರ	25.71 25.11 2017	ಸರ್ವೆಕ್ಷನ್	563 4.000	09.06.2018 06.06.2028	-	09.06.2018	Working	Non- captive	Yes 15/05-10-2018	1- N23°16'26.50" E 75°54'16.38" 2- N23°16'26.91" E 75°54'19.73" 3- N23°16'21.02" E 75°54'19.87" 4- N23°16'20.88" E 75°54'19.97"	Open st/
5	ಕರ್ನಾಟಕ ಸರ್ಕಾರ ಸರ್ವೆಕ್ಷನ್ ಇಲಾಖೆ ಬೆಂಗಳೂರು 102 ಸ್ಟಾಲ್ ಕರ್ನಾಟಕ ಸರ್ಕಾರ	4.63 19.02 2018	ಸರ್ವೆಕ್ಷನ್	665 1.500	09.04.18 06.04.26	-	09.04.18	Non Working	Non- captive	Yes	1- N23°21'12.83" E 75°51'29.83" 2- N23°21'13.45" E 75°51'26.68" 3- N23°21'05.74" E 75°51'28.40" 4- N23°21'06.77" E 75°51'24.93"	Open st/
6	ಕರ್ನಾಟಕ ಸರ್ಕಾರ ಸರ್ವೆಕ್ಷನ್ ಇಲಾಖೆ ಬೆಂಗಳೂರು 102 ಸ್ಟಾಲ್ ಕರ್ನಾಟಕ ಸರ್ಕಾರ	18.23 03.10.18	ಸರ್ವೆಕ್ಷನ್	145 2.000	11.01.19 10.01.29	-	11.01.19	Working	Non- captive	Yes 379/05-10-2021	1- N23°20.0.11" E 75°51'56.00" 2- N23°19.57.80" E 75°51'59.80" 3- N23°19.54.47" E 75°52'1.64" 4- N23°19.53.09" E 75°52'1.65" 5- N23°19.57.08" E 75°51'54.88"	Open st/
7	ಕರ್ನಾಟಕ ಸರ್ಕಾರ ಸರ್ವೆಕ್ಷನ್ ಇಲಾಖೆ ಬೆಂಗಳೂರು 102 ಸ್ಟಾಲ್ ಕರ್ನಾಟಕ ಸರ್ಕಾರ	1.30 31.05.14	ಸರ್ವೆಕ್ಷನ್	564 2.000	14.06.14 13.06.24	-	14.06.14	Working	Non- captive	Yes 3323/29-01-2015	1- N23°13.04.54" E 75°43'41.54" 2- N23°13.03.31" E 75°43'40.81" 3- N23°13.04.06" E 75°43'44.99" 4- N23°12.58.65" E 75°43'40.41" 5- N23°12.58.77" E 75°43'44.68" 6- N23°12.57.97" E 75°43'43.31"	Open st/
8	ಕರ್ನಾಟಕ ಸರ್ಕಾರ ಸರ್ವೆಕ್ಷನ್ ಇಲಾಖೆ ಬೆಂಗಳೂರು 102 ಸ್ಟಾಲ್ ಕರ್ನಾಟಕ ಸರ್ಕಾರ	16.38 09.06.15	ಸರ್ವೆಕ್ಷನ್	564 2.000	12.07.15 11.07.25	-	12.07.15	Working	Non- captive	Yes 1226/31-05-2016	1- N23°13.06.52" E 75°43'49.40" 2- N23°13.08.12" E 75°43'51.94" 3- N23°13.05.50" E 75°43'48.80" 4- N23°13.06.29" E 75°43'48.42"	Open st/
9	ಕರ್ನಾಟಕ ಸರ್ಕಾರ ಸರ್ವೆಕ್ಷನ್ ಇಲಾಖೆ ಬೆಂಗಳೂರು 102 ಸ್ಟಾಲ್ ಕರ್ನಾಟಕ ಸರ್ಕಾರ	3.50 24.02 2016	ಸರ್ವೆಕ್ಷನ್	556 2.000	22.06.2016 21.06.2026	-	22.06.2016	Working	Non- captive	Yes 2000/17-10-2016	1- N23°13.19.74" E 75°43'52.70" 2- N23°13.15.30" E 75°43'58.10" 3- N23°13.15.24" E 75°43'52.02" 4- N23°13.15.30" E 75°43'58.08"	Open st/

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

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

17	श्री अशोक विना कर्मचारी श्री अशोक विना श्री अशोक विना	1621 04.03 15	गोपाला र	85 3,000	26.03.15 19.03.25	20.03.15	Working	Non- captive	Yes 6928/28-10-2015	1- N23 ²⁹ 08.56 ⁺ E 76 ¹⁸ 14.42 ⁺ 2- N23 ²⁹ 08.56 ⁺ E 76 ¹⁸ 20.47 ⁺ 3- N23 ²⁹ 02.93 ⁺ E 76 ¹⁸ 20.47 ⁺ 4- N23 ²⁹ 02.93 ⁺ E 76 ¹⁸ 14.42 ⁺	Openca st
18	श्री अशोक विना कर्मचारी श्री अशोक विना श्री अशोक विना	1031 05.03 15	गोपाला र	2 2,000	27.06.15 26.06.25	27.06.15	Working	Non- captive	Yes 951/19-05-2016	1- N23 ²⁹ 21.98 ⁺ E 76 ⁰⁷ 29.88 ⁺ 2- N23 ²⁹ 22.29 ⁺ E 76 ⁰⁷ 22.69 ⁺ 3- N23 ²⁹ 14.03 ⁺ E 76 ⁰⁷ 34.07 ⁺ 4- N23 ²⁹ 14.02 ⁺ E 76 ⁰⁷ 31.02 ⁺	Openca st
19	श्री अशोक विना कर्मचारी श्री अशोक विना श्री अशोक विना	1666 16.06 15	गोपाला र	1309 2,000	26.06.15 25.06.25	26.06.15	Non Working	Non- captive	No	1- N23 ²⁶ 30.57 ⁺ E 76 ⁰² 17.22 ⁺ 2- N23 ²⁶ 30.43 ⁺ E 76 ⁰² 27.59 ⁺ 3- N23 ²⁶ 34.67 ⁺ E 76 ⁰² 27.57 ⁺ 4- N23 ²⁶ 34.78 ⁺ E 76 ⁰² 16.68 ⁺	Openca st
20	श्री अशोक विना कर्मचारी श्री अशोक विना श्री अशोक विना	1286 05.05 15	कर्मचारी र	1704 1,000	23.05.15 22.05.25	23.05.15	Non Working	Non- captive	Yes	1- N23 ³¹ 16.19 ⁺ E 76 ⁰⁶ 50.38 ⁺	Openca st
21	श्री अशोक विना कर्मचारी श्री अशोक विना श्री अशोक विना	2782 / 30.10 2015	गोपाला र	48 2,800	16.03.16 09.03.26	10.03.16	Working	Non- captive	Yes 35/05-10-2018	1- N23 ²² 38.59 ⁺ E 76 ¹⁴ 25.14 ⁺ 2- N23 ²² 40.66 ⁺ E 76 ¹⁴ 25.58 ⁺ 3- N23 ²² 40.60 ⁺ E 76 ¹⁴ 28.66 ⁺ 4- N23 ²² 43.27 ⁺ E 76 ¹⁴ 28.53 ⁺ 5- N23 ²² 38.65 ⁺ E 76 ¹⁴ 30.65 ⁺ 6- N23 ²² 38.57 ⁺ E 76 ¹⁴ 27.84 ⁺	Openca st
22	श्री अशोक विना कर्मचारी श्री अशोक विना श्री अशोक विना	3148 / 07.12 2015	गोपाला र	1309 2,000	26.02.16 27.02.26	26.02.16	Working	Non- captive	Yes 987/19-05-2016	1- N23 ²⁶ 19.51 ⁺ E 76 ⁰² 13.92 ⁺ 2- N23 ²⁶ 18.36 ⁺ E 76 ⁰² 18.91 ⁺ 3- N23 ²⁶ 23.17 ⁺ E 76 ⁰² 27.52 ⁺ 4- N23 ²⁶ 21.58 ⁺ E 76 ⁰² 28.16 ⁺ 5- N23 ²⁶ 17.11 ⁺ E 76 ⁰² 19.89 ⁺ 6- N23 ²⁶ 17.96 ⁺ E 76 ⁰² 18.85 ⁺ 7- N23 ²⁶ 16.17 ⁺ E 76 ⁰² 13.85 ⁺	Openca st
23	श्री अशोक विना कर्मचारी श्री अशोक विना श्री अशोक विना	2132 02.11 16	गोपाला र	1325 1,500	13.12.2016 12.12.26.26	13.12.2016	Non Working	Non- captive	No	1- N23 ²⁶ 35.35 ⁺ E 76 ⁰² 14.34 ⁺ 2- N23 ²⁶ 35.20 ⁺ E 76 ⁰² 19.21 ⁺ 3- N23 ²⁶ 38.50 ⁺ E 76 ⁰² 19.52 ⁺ 4- N23 ²⁶ 34.96 ⁺ E 76 ⁰² 19.57 ⁺ 5- N23 ²⁶ 30.72 ⁺ E 76 ⁰² 18.75 ⁺ 6- N23 ²⁶ 30.81 ⁺ E 76 ⁰² 14.75 ⁺	Openca st
24	श्री अशोक विना कर्मचारी श्री अशोक विना श्री अशोक विना	2485 29.12 16	गोपाला र	35 2,000	26.02.17 27.12.27	26.02.17	Non Working	Non- captive	No	1- N23 ²¹ 54.74 ⁺ E 76 ¹⁵ 13.24 ⁺ 2- N23 ²¹ 54.74 ⁺ E 76 ¹⁵ 20.68 ⁺ 3- N23 ²¹ 50.76 ⁺ E 76 ¹⁵ 20.58 ⁺ 4- N23 ²¹ 50.53 ⁺ E 76 ¹⁵ 13.37 ⁺	Openca st

37	श्री. अशोक कुमार श्री. अशोक कुमार श्री. अशोक कुमार श्री. अशोक कुमार श्री. अशोक कुमार	388	नगरपालिका	1325	17.11.2017	-	-	Working	Non-captive	No	1-N23°26'31.07" E 76°02'32.62" 2-N23°26'35.91" E 76°02'36.95" 3-N23°26'39.72" E 76°02'31.56" 4-N23°26'42.86" E 76°02'31.56"	Openca st/
38	श्री. अशोक कुमार श्री. अशोक कुमार श्री. अशोक कुमार श्री. अशोक कुमार श्री. अशोक कुमार	937	नगरपालिका	58	26.08.16	-	26.08.16	Working	Non-captive	Yes	1-N23°29'15.4" E 76°07'57.9" 2-N23°29'14.1" E 76°07'57.2" 3-N23°29'11.5" E 76°08'04.3" 4-N23°29'13.5" E 76°08'05.2"	Openca st/
39	श्री. अशोक कुमार श्री. अशोक कुमार श्री. अशोक कुमार श्री. अशोक कुमार श्री. अशोक कुमार	1484	नगरपालिका	10/2	21.12.18	-	21.12.18	Working	Non-captive	Yes	1-N23°17'33.07" E 76°06'58.10" 2-N23°17'34.18" E 76°06'52.11" 3-N23°17'26.44" E 76°06'53.50" 4-N23°17'26.11" E 76°06'28.95"	Openca st/
40	श्री. अशोक कुमार श्री. अशोक कुमार श्री. अशोक कुमार श्री. अशोक कुमार श्री. अशोक कुमार	166-67	नगरपालिका	11/2/3	27.07.19	27.07.19	27.07.19	Working	Non-captive	Yes	1-N23°31'37.68" E 76°12'55.244" 2-N23°31'37.86" E 76°12'59.984" 3-N23°31'26.577" E 76°12'58.28" 4-N23°31'28.1" E 76°12'11.11"	Openca st/

नागदा-खाचरौद

Sl No.	Name of the Lessee	Minin g Lease Grant Order No. & date	Village	Surve y No./ Area of Mini ng Lease (ha)	Period of Mining Lease (Initial)	Period of Mining Lease (1/2...ren ewal)	Date of commence ment of Mining Operation	Status (Working/ Non- Working for dispatch etc.)	Capit ve/N on- capti ve	Obtained Environmental Clearance (Yes/No) If Yes letter No. with date of Grant Of EC.	Location of the Mining lease (latitude & Longitude)	Meth od of Mini ng Open cast/ Undergrou nd)
1	मिहिरा कासार मिहिरा सुरेश कुमार जोन निचाली बुद्ध मार्ग खाचरौद 9828613208	1062 25.05. 16	चिरोला	574/2 2.000	14.07.2006 13.07.2016	14.07.2016 13.07.2026	14.07.2006	Working	Non- captive	Yes 2024/17-10-2016	1-N23° 22 21.90" E 75° 18 6.341 2-N23° 22 22.27" E 75° 18 10.68 3-N23° 22 23.67" E 75° 18 12.66 4-N23° 22 19.75" E 75° 18 14.57 5-N23° 22 19.07" E 75° 18 6.49	Openca st/ Undergrou nd)
2	ओमरौ शिनिता पति सुप्रकाश शर्मा निचाली 90 सुभाष मार्ग, खाचरौद 9828608805	1998 18.03. 08	कुन्हारव डी	602/3 2.000	23.03.08 24.03.18	23.03.18 24.03.26	23.03.08	Working	Non- captive	Yes 919/16-05-2016	1-N23° 20 24.54" E 75° 17 22.09 2-N23° 20 24.00" E 75° 17 24.69 3-N23° 20 28.21" E 75° 17 26.34 4-N23° 20 28.46" E 75° 17 23.63	Openca st/ Undergrou nd)
3	मनोज मिहिरा शिवदत्त शर्मा निचाली 37 सुनीलर, कज्जोने अंतरण अणप्रकाश मिहिरा तेलीनारायण शर्मा नि-9 चिकम मनो शांतलौद 9877224177	521 06.03. 17	पचलास	505 1.000	07.06.06 06.06.18	07.06.18 06.06.26	07.06.06	Working	Non- captive	Yes 866/16-05-2016	1-N23° 25 56.778" E 75° 19 55.027 2-N23° 25 54.407" E 75° 19 55.26 3-N23° 25 54.127" E 75° 19 49.50 4-N23° 25 55.867" E 75° 19 49.288	Openca st/ Undergrou nd)
4	सुरेश मिहिरा रत्नचाली नांदेडा निचाली सुभेन	12 01.01. 09	आचया नजीक	356 1.500	09.06.09 06.06.19	09.06.19 08.06.29	09.06.09	Working	Non- captive	Yes 1148/31-05-2016	1-N23° 20 55.13" E 75° 30 04.85 2-N23° 20 55.18" E 75° 30 09.41 3-N23° 20 53.87" E 75° 30 08.36 4-N23° 20 53.87" E 75° 30 12.21	Openca st/ Undergrou nd)

17	श्री प्रतापगढ़ जिला प्रतापगढ़ जिला प्रतापगढ़ जिला प्रतापगढ़ जिला	272 06.08 14	कुपडला	575/11 4.000	02.08.14 07.08.24	08.08.14	Working	Non- captive	Yes 3226/19-03-2016	1-N23° 21' 34.21" E 75° 29' 47.87" 2-N23° 21' 37.92" E 75° 29' 47.47" 3-N23° 21' 39.40" E 75° 29' 56.81" 4-N23° 21' 36.64" E 75° 29' 55.02" 5-N23° 21' 33.75" E 75° 29' 53.17" 6-N23° 21' 32.81" E 75° 29' 52.55" 7-N23° 21' 33.78" E 75° 29' 49.30"	Openca st/
18	श्री प्रतापगढ़ जिला प्रतापगढ़ जिला प्रतापगढ़ जिला प्रतापगढ़ जिला प्रतापगढ़ जिला	1388 12.07 2017	कुपडला	574 8.000	28.07.2017 27.07.2017	28.07.2017	Working	Non- captive	Yes 950/04/06/2018	1-N23° 21' 40.88" E 75° 29' 43.84" 2-N23° 21' 48.54" E 75° 29' 42.12" 3-N23° 21' 51.65" E 75° 29' 41.59" 4-N23° 21' 51.81" E 75° 29' 43.30" 5-N23° 21' 49.56" E 75° 29' 43.62" 6-N23° 21' 43.37" E 75° 29' 55.56" 7-N23° 21' 44.17" E 75° 29' 56.19" 8-N23° 21' 44.91" E 75° 30' 00.57" 9-N23° 21' 44.01" E 75° 29' 59.50" 10-N23° 21' 41.41" E 75° 29' 46.50"	Openca st/
19	श्री प्रतापगढ़ जिला प्रतापगढ़ जिला प्रतापगढ़ जिला प्रतापगढ़ जिला प्रतापगढ़ जिला	1586 03.06 2015	करवा खावागढ़	4423 4464 4465 2.488	26.06.15 25.06.25	26.06.15	Working	Non- captive	Yes 1220/31-05-2016	1-N23° 25' 09.12" E 75° 18' 17.94"	Openca st/
20	श्री प्रतापगढ़ जिला प्रतापगढ़ जिला प्रतापगढ़ जिला प्रतापगढ़ जिला प्रतापगढ़ जिला	747 11.04 2016	आवागढ़ नजीक	356 2.000	16.06.2016 15.06.2016	16.06.2016	Working	Non- captive	Yes 1046/17-10-2016	1-N23° 20' 55.13" E 75° 30' 04.85" 2-N23° 20' 57.35" E 75° 30' 04.82" 3-N23° 20' 57.40" E 75° 30' 13.23" 4-N23° 20' 55.26" E 75° 30' 13.25" 5-N23° 20' 53.87" E 75° 30' 12.21" 6-N23° 20' 53.87" E 75° 30' 09.36" 7-N23° 20' 55.18" E 75° 30' 09.41"	Openca st/
21	श्री प्रतापगढ़ जिला प्रतापगढ़ जिला प्रतापगढ़ जिला प्रतापगढ़ जिला प्रतापगढ़ जिला	1640 05.08 2016	मकरवा	2644 1.000	05.10.2016 04.10.2016	05.10.2016	Working	Non- captive	Yes 2332/16/10/2017	1-N23° 20' 24.84" E 75° 17' 22.09" 2-N23° 20' 24.00" E 75° 17' 24.69" 3-N23° 20' 28.21" E 75° 17' 22.07" 4-N23° 20' 28.46" E 75° 17' 23.63"	Openca st/
22	श्री प्रतापगढ़ जिला प्रतापगढ़ जिला प्रतापगढ़ जिला प्रतापगढ़ जिला प्रतापगढ़ जिला	1608 04.08 16	वृन्नावा द	583 2.000	24.09.2016 23.09.2016	-	Non Working	Non- captive	Yes 2629/22-08-2015	1-N23° 27' 13.21" E 75° 20' 48.04" 2-N23° 27' 13.29" E 75° 20' 53.01" 3-N23° 27' 11.31" E 75° 20' 52.91" 4-N23° 27' 11.29" E 75° 20' 48.09"	Openca st/

23	प.अ.र	श्रीमती गोवि. पाते पुणेपुणे शमी निवासी-35 पोपल कुक समिती क. पी.ई. मोपल शमी आवडी-9925608 8895	1579 28.07. 2016	पुराना द	583 2.000	15.12.16 14.12.26	-	15.12.16	Working	Non- captive	Yes 2328/16/10/2017	1- N23° 27' 09.89" E 75° 20' 52.43" 2- N23° 27' 09.93" E 75° 20' 55.28" 3- N23° 27' 08.01" E 75° 20' 56.33" 4- N23° 27' 06.85" E 75° 20' 56.60" 5- N23° 27' 07.02" E 75° 20' 52.84"	Openca st/ st/
24	प.अ.र	श्री सुमनराय मिना मीलकर शमी निवासी-90 सुमाय मरी मोपल शमी आवडी-992608805	1905 27.09. 16	कुमनराय डी	602/3 2.000	15.12.16 14.12.26	-	-	Non Working	Non- captive	Yes	1- N23° 24' 09.15" E 75° 19' 21.61" 2- N23° 24' 09.10" E 75° 19' 25.44" 3- N23° 24' 07.01" E 75° 19' 25.46" 4- N23° 24' 07.54" E 75° 19' 21.53"	Openca st/ st/
25	प.अ.र	श्री विजय मिना लक्ष्मीनारायण समीताला नि- 9 विजय मरी आवडी-9926556755	112 18.01. 17	पचलास १	143 1.000	02.03.2017 01.03.2027	-	02.03.2017	Working	Non- captive	Yes 2335/16-10-2017	1- N23° 25' 22.24" E 75° 19' 22.36" 2- N23° 25' 21.98" E 75° 19' 25.61" 3- N23° 25' 17.99" E 75° 19' 25.26" 4- N23° 25' 17.79" E 75° 19' 22.66"	Openca st/ st/
27	प.अ.र	श्री यशोलास मिना नारायण समीताला नि-142 विजय मरी आवडी-9926556755	45 06.01. 17	करवा खाचरोद	451/3/4 451/3/3 451/3/2 1.000	04.03.17 03.03.27	-	04.03.17	Working	Non- captive	Yes 2337/16-10-2017	1- N23° 24' 47.50" E 75° 17' 58.60" 2- N23° 24' 48.20" E 75° 18' 01.70" 3- N23° 24' 44.52" E 75° 18' 02.52" 4- N23° 24' 43.75" E 75° 18' 00.16"	Openca st/ st/
28	प.अ.र	श्री जयेश मिना समनराय आव निवासी-नई आवडी-9926556755	434 01.03. 17	धुमाहेडा	1081/1 2.000	02.01.2018 01.01.2028	-	02.01.2018	Working	Non- captive	Yes 31/05-10-2018	1- N23° 23' 07.54" E 75° 30' 19.28" 2- N23° 23' 07.44" E 75° 30' 24.54" 3- N23° 23' 04.23" E 75° 30' 24.54" 4- N23° 23' 04.13" E 75° 30' 19.32"	Openca st/ st/
29	प.अ.र	श्री साधन मिना श्री प्रमोदशान्द पाटनी निवासी आवडी-9926556755	2519 20.11. 2017	आवडी नजीक	42/min -6 4.00	12.07.2007 11.0.2017	12.07.2017 11.0.2027	12.07.2007	Working	Non- captive	Yes 9745/23-12-2015	1- N23° 21' 35.15" E 75° 29' 54.08" 2- N23° 21' 34.68" E 75° 29' 59.71" 3- N23° 21' 32.56" E 75° 29' 59.63" 4- N23° 21' 31.65" E 75° 29' 58.14" 5- N23° 21' 30.16" E 75° 29' 52.53"	Openca st/ st/
30	प.अ.र	श्री प्रमोदशान्द मिना नारायण समनराय निवासी-9926577223	596 09.03. 2017	पुरानावा द	583 1.65	14.12.2016 13.12.28	-	14.12.2016	Non Working	Non- captive	No	1- N23° 27' 10.30" E 75° 20' 45.08" 2- N23° 27' 11.80" E 75° 20' 47.04" 3- N23° 27' 07.88" E 75° 20' 50.47" 4- N23° 27' 07.46" E 75° 20' 49.46" 5- N23° 27' 04.00" E 75° 20' 50.29" 6- N23° 27' 03.97" E 75° 20' 49.41" 7- N23° 27' 04.46" E 75° 20' 49.36" 8- N23° 27' 04.86" E 75° 20' 49.01" 9- N23° 27' 5.00" E 75° 20' 48.72" 10- N23° 27' 06.48" E 75° 20' 48.24" 11- N23° 27' 06.42" E 75° 20' 47.45" 12- N23° 27' 09.01" E 75° 20' 46.49"	Openca st/ st/

37	श्रीमती वंदना गति सुरेशासिंह वोडांगो निवासी- 490, गुलाब बाई कोल्हो नगरदा	2434-3 5 04.02. 2021	मकली	418/2 1-500	15.07.2009 14.07.2019	15.07.2019 14.07.2029	15.07.2009	Working	Non- captive	Yes 977/19-05-2016	1-N23°20'57.40" E 75°30'13.23" 2-N23°20'55.26" E 75°30'13.25"	Openca sl/
38	श्रीमती वंदना केशर प्रो. प्रो. हनुमानसिंह पिता नारायणसिंह श्रीमती- निवासी- 250/2, गायबेट कोल्हो नगरदा 9425092389	7563-6 4 24.06. 2021	मकलीपुरी	11.12 1-710	29.04.2010 28.04.2020	29.04.2020 28.04.2030	29.04.2010	Working	Non- captive	Yes 904/19-05-2016	1-N23°28'2.88" E 75°22'57.62"	Openca sl/
44	श्रीमती वंदना श्रीमती- निवासी- विश्वम मोर्ग आवासीय जिला उत्तरी 9826623151	9284-8 5 07.07. 2021	मकलीपुरी र	1105/ 1149 1024 2.90	02.06.22 01.06.32	-	-	Non Working	Non- captive	No	1-N23°24'1.56" E 75°22'9.72" 2-N23°24'1.11" E 75°22'15.48" 3-N23°23'59.62" E 75°22'15.24" 4-N23°23'59.83" E 75°22'16.34" 5-N23°23'56.08" E 75°22'15.76" 6-N23°23'55.59" E 75°22'14.85" 7-N23°23'54.88" E 75°22'14.03" 8-N23°23'55.00" E 75°22'11.11" 9-N23°23'58.51" E 75°22'10.96" 10-N23°23'58.52" E 75°22'9.99"	Openca sl/

तहसील-बड़नगर

Sl. No.	Name of the Lessee	Mininum Lease Grant Order No. & date	Village	Surface Area of Mining (ha)	Period of Mining Lease (Initial)	Period of Mining Lease (1/2..ren ewal To	Date of commencement of Mining Operation	Status (Working/ Non-Working for dispatch etc.)	Captive/Non-captive	Obtained Environmental Clearance (Yes/No) If Yes letter No. with date of Grant Of EC.	Location of the Mining lease (latitude & Longitude)	Method of Mining (Open cast/ Underground)
1	श्री गुरुप्रसिद्धि प्रा. पर्यटन विकास-ग्राम विकास बड़नगर जिला चण्डीन	1118 27.08.13	मिकन्द राजडा	1 2.000	24.05.14 23.05.24	-	24.05.14	Working	Non-captive	Yes 6454/19-10-2015	1- N23°12 48 05" E 75°51 05 05" 2- N23°12 44 06" E 75°51 01.02"	Open cast/ Underground
2	श्री महिन्द्र प्रा. विकास बड़नगर जिला चण्डीन	346 30.01.2018	चण्डीन	145 2.000	08.04.2015 08.04.2028	-	09.04.2018	Working	Non-captive	Yes 34/05-10-2018	1- N23°09 44 55" E 75°14 42 57" 2- N23°09 43.73" E 75°14 46 38" 3- N23°09 38.41" E 75°14 41.93" 4- N23°09 39.55" E 75°14 38.57"	Open cast
3	श्री जगन्नाथ प्रा. विकास बड़नगर जिला चण्डीन	1384 13.05.15	मोताना	623 4.000	23.06.15 25.06.25	-	26.06.15	Working	Non-captive	Yes 6942/30-10-2015	1- N23°05 18.06" E 75°26 08 73" 2- N23°05 18.04" E 75°26 13 72" 3- N23°05 10.77" E 75°26 14 26" 4- N23°05 11.02" E 75°26 08.64"	Open cast
4	श्री देवीलाल प्रा. विकास बड़नगर जिला चण्डीन	2731 20.10.2015	चण्डीन	666 3.800	02.12.15 01.12.25	-	02.12.15	Working	Non-captive	Yes 1156/31-05-2016	1- N23°12 34.26" E 75°20 36 52" 2- N23°12 38.33" E 75°20 45 42" 3- N23°12 42.19" E 75°20 45 63" 4- N23°12 39.37" E 75°20 39 49"	Open cast

5	गुरम	श्री शुभम मिश्रा मनरुद दवा नि-ग्राम भरतपुर तह. बड़गांव जिला उज्जैन 9981252462	2744 21.12 2017	संसाधन जुद	402/3 1.000	06.01.2018 05.01.2028	-	06.01.2018	Working	Non- captive	Yes 37/05-10/2018	1- N23°09' 41.71" E 75°31' 55.19" 2- N23°09' 40.87" E 75°31' 57.55" 3- N23°09' 36.40" E 75°31' 01.94" 4- N23°09' 33.25" E 75°31' 01.63" 5- N23°09' 36.50" E 75°31' 52.41"	Openca st/
6	गुरम	श्री कुशांतर सिंह मिना सकल सिंह निवासी-बलौर विदेस तह. बड़गांव 9928991198	1398 13.07 2017	खरसाद कला	354 2.000	06.01.2018 05.01.2028	-	06.01.2018	Working	Non- captive	Yes 39/05-10-2018	1- N23°13' 39.04" E 75°21' 17.28" 2- N23°13' 39.00" E 75°21' 23.21" 3- N23°13' 38.22" E 75°21' 23.24" 4- N23°13' 38.08" E 75°21' 25.19" 5- N23°13' 33.54" E 75°21' 25.07" 6- N23°13' 33.79" E 75°21' 17.36"	Openca st/
7	गुरम	श्री मनुद मिश्रा शंकर सिंह बलौर नि-ग्राम जाना तह. बड़गांव 9039113211	344 30.01 2018	जाना	145 2.000	06.04.2018 05.04.2028	-	06.04.2018	Working	Non- captive	Yes 33/05-10-2018	1- N23°09' 51.52" E 75°14' 49.61" 2- N23°09' 51.00" E 75°14' 52.80" 3- N23°09' 47.94" E 75°14' 53.12" 4- N23°09' 47.96" E 75°14' 52.04" 5- N23°09' 45.05" E 75°14' 51.92" 6- N23°09' 45.25" E 75°14' 48.30" 7- N23°09' 48.47" E 75°14' 48.24" 8- N23°09' 51.52" E 75°14' 49.61"	Openca st/
8	गुरम	श्री सुदेश मिश्रा दीनाराम बलौर नि-खरसाद तह. बड़गांव 9983471474	409 09.02 18	खरसाद चुद	1178 3.000	16.04.18 15.04.28	-	16.04.18	Working	Non- captive	Yes 41/05-10-2018	1- N23°06' 46.84" E 75°25' 27.04" 2- N23°06' 48.20" E 75°25' 33.11" 3- N23°06' 42.57" E 75°25' 33.27" 4- N23°06' 42.88" E 75°25' 32.39" 5- N23°06' 40.89" E 75°25' 28.29"	Openca st/
9	गुरम	श्री लक्ष्मी मिना बलौर सकल निवासी- ग्राम असलानदा तह. बड़गांव जिला मुल्तान	409 09.02. 18	कलमोड 1	259 4.000	16.04.18 15.04.28	-	16.04.18	Working	Non- captive	Yes 59/05-10-2018	1- N23°13' 15.29" E 75°35' 03.80" 2- N23°13' 25.57" E 75°35' 43.56" 3- N23°13' 13.07" E 75°35' 24.59" 4- N23°13' 24.37" E 75°35' 44.26"	Openca st/

तहसील - महिदपुर

Sl. No	Name of the Lessee	Min. Lease Grant Order No. & date	Village	Survey No./ Area of Mining (Initial)	Period of Mining Lease (1/2...ren ewal	Date of commencement of Mining Operation	Status (Working/ Non-Working for dispatch etc.)	Captive/Non-captive	Obtained Environmental Clearance (Yes/No) If Yes letter No. with date of Grant Of EC.	Location of the Mining lease (latitude & Longitude	Method of Mining Open cast/ Underground)
1	श्री विमला कपूर कल्याण बागिचा नि-राजेंद्र नारा महिदपुर अंतरा श्री किशोर विरा नरसाला मार्ग नि-78/1 बोट रोड महिदपुर 9893610574	1/52 09.06.14	सेकाखे डी	404/1 1.000	25.02.05 to 25.02.15	25.02.05 to 25.02.15	Working	Non-captive	Yes 3845/17-07-2015	1- N23°28' 16.44" E 75° 39' 52.56" 2- N23°28' 17.15" E 75° 39' 57.66" 3- N23°28' 12.55" E 75° 39' 55.99"	Open cast/ Underground
2	श्रीमती प्रभा कपूर लोकेन्द्रासिक चौधरी निवासी 7. यशवर्धननगर महिदपुर 9425459436	839 16.03.17	वजारी	57/1 0.750	10.03.08 to 10.03.16	10.03.08 to 10.03.16	Working	Non-captive	Yes 2012/17-10/2016	1- N23°31' 00.67" E 75° 35' 54.09" 2- N23°31' 00.48" E 75° 35' 55.16" 3- N23°31' 00.87" E 75° 35' 55.38" 4- N23°31' 00.75" E 75° 35' 56.47" 5- N23°30' 59.36" E 75° 35' 56.02" 6- N23°30' 59.60" E 75° 35' 54.99"	Open cast/ Underground
3	जयरा रान भिता अमराद खाना भटिल निवासी महिदपुर सीसी 9425916500	406 25.02.17	कुकनी	44 1.000	06.04.06 to 06.04.16	06.04.06 to 06.04.16	Working	Non-captive	Yes 1202/31-05-2016	1- N23°30' 16.50" E 75° 36' 37.40" 2- N23°30' 20.40" E 75° 36' 42.40" 3- N23°30' 19.50" E 75° 36' 43.80" 4- N23°30' 15.00" E 75° 36' 36.30"	Open cast/ Underground
4	श्री मनोज भिता यशवर्धन जैन निवासी	841 20.11.11	कानाखे डीएकल	167 1.000	5.12.14 to 04.12.24	5.12.14 to 04.12.24	Working	Non-captive	Yes 6905/28-10-2015	1- N23°34' 32.17" E 75° 30' 41.56" 2- N23°34' 31.30" E 75° 30' 50.91" 3- N23°34' 29.90" E 75° 30' 49.44" 4- N23°34' 29.97" E 75° 30' 41.31"	Open cast/ Underground

[illegible]

Open on
26/05/2023

(Signature)

State Level Environment Impact
Assessment Authority, M.P.
(EPCO)
Baryavarán Pariser
E-5, Akara Colony, Bhopal (M.P.)

12	मध्य प्रदेश पति निवेश सारखा नि-महिरपुर 9009002525	1310 25.07. 18	साहिदा 163/1 164/2 150/2 2.900	24.06.18 23.08.20	-	24.06.18	Working	Non- captive	Yes 51/05-10-2018	1- N23°30' 45.60" E 75°36' 28.20" 2- N23°30' 45.80" E 75°36' 28.20" 3- N23°30' 45.90" E 75°36' 35.80" 4- N23°30' 43.67" E 75°36' 27.87" 5- N23°30' 42.75" E 75°36' 35.11"	Openca st/
13	मध्य प्रदेश साहिदा साहिदा निवासी-2 गांधी नगर महिरपुर 9009002525	745-46 11.04. 2018	कानाख 165 2.300	16.04.18 15.04.28	-	-	Non Working	Non- captive	No	1- N23°34' 40.02" E 75°30' 44.60" 2- N23°34' 39.86" E 75°30' 52.11" 3- N23°34' 36.43" E 75°30' 51.92" 4- N23°34' 36.65" E 75°30' 48.87" 5- N23°34' 38.64" E 75°30' 44.69"	Openca st/
14	मध्य प्रदेश पति निवेश निवासी-सारखा तहसील महिरपुर जिला उज्जैन	1385 11.07. 2017	सारखा 923 1.000	15.02.2018 14.02.2028	-	-	Non Working	Non- captive	Yes 2315/16/10/2017	1- N23°35' 38.13" E 75°40' 45.60" 2- N23°35' 38.22" E 75°40' 48.41" 3- N23°35' 35.64" E 75°40' 48.43" 4- N23°35' 35.60" E 75°40' 45.76"	Openca st/



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

14. LIST OF LETTER OF IN PRINCIPAL SANTION :-

Sl. No.	Name of the Lessee	Min. Lease Grant Order No. & date	Village	Survey No./ Area of Min. Lease (ha)	Period of Mining Lease (Initial)	Period of Mining Lease (1/2...ren eval)	Date of commencement of Mining Operation	Status (Working/ Non-Working for dispatch etc.)	Captive or Non-captive	Obtained Environmental Clearance (Yes/No) If Yes letter No. with date of Grant Of EC.	Location of the Mining lease (latitude & Longitude)	Method of Mining
1	अर्जुन सिंह पिता शंकर सिंह अजिना	16603-15 / 25.11.2021	मुनईखा तसा	311 1-000	NA		Non-captive	Non-Working	Non-captive	No	1. N23°16'19.69" E75°54'01.24" 2. N23°16'13.66" E75°53'57.51" 3. N23°16'09.59" E75°54'04.74" 4. N23°16'17.32" E75°54'05.70"	Open cast
2	श्रीमति कालीबाई मति नानालाल चारुनिया	16603-15 / 25.11.21	मुनईखा तसा	311 7-000	NA		Non-captive	Non-Working	Non-captive	No	1. N23°15'57.81" E75°54'06.76" 2. N23°15'52.14" E75°53'52.50" 3. N23°15'57.35" E75°53'53.53" 4. N23°15'57.71" E75°53'52.02" 5. N23°16'04.42" E75°53'53.89" 6. N23°16'03.05" E75°54'05.64"	Open cast
3	ए.बी. करदरशन	16603-15 / 25.11.21	मुनईखा तसा	311 4-000	NA		Non-captive	Non-Working	Non-captive	No		Open cast
4	वैनासीर देवडा	16603-15 / 25.11.21	मुनईखा तसा	311 1-000	NA		Non-captive	Non-Working	Non-captive	No		Open cast
5	दीपा पिता कालूराम सिसोदिया	16603-15 / 25.11.21	मुनईखा तसा	311 1-000	NA		Non-captive	Non-Working	Non-captive	No		Open cast
6	अंशुबाई मति रामेश्वर चौहान	16603-15 / 25.11.21	मुनईखा तसा	311 1-000	NA		Non-captive	Non-Working	Non-captive	No		Open cast
7	प्रथर प्रताप शेट्टे	16603-15 / 25.11.21	मुनईखा तसा	311 1-000	NA		Non-captive	Non-Working	Non-captive	No		Open cast

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	लहरीसोत उज्जैन										
13	पर्यट श्रीमति आशा पति टी. सजय एमएस पड नि- महाराष्ट्र नगर उज्जैन	—	पिंगलेश वर	238, 267, 268 2.040	NA	Non- captive ve	Non- Working	Non- capi ve	No	—	Open cast
14	पर्यट श्री निवासी- ग्राम गुनई लहरीसोत व खिला उज्जैन	—	गुनईखा लसा	159 2-000	NA	Non- captive ve	Non- Working	Non- capi ve	No	1. N23°16'42.65" E75°54'00.44" 2. N23°16'38.00" E75°54'03.48" 3. N23°16'44.29" E75°54'05.50" 4. N23°16'38.90" E75°54'06.64"	Open cast


 State Level Environment Impact
 Assessment Authority, M.P.
 (EPCO)
 Parvatan Parisar
 C-5, A-5, B-5, Bhopal (M.P.)

State Level Environment Impact
Assessment Authority, M.P.
(EPCO)
Paryavaran Parisar
P-5, Anna Colony, Bho. 1 (M.P.)

Sl. No.	Name of mine	Name of the Lessee	Minning Lease Grant Order No. & date	Village	Survey No./Area of Minning Lease (ha)	Period of Minning (In months)	Percentage of Minning (1/2 or more)	Statue of the Mine (Working or Non-Working etc.)	Captive/Non-captive	Obtained Environmental Clearance (Yes/No) If Yes letter No. with date of Grant Of EC.	Location of the Mini lease (latitude & Longitude)	Method of Mining (Open cast/ Underground)	Location of the Mining lease (latitude & Longitude)	Name of Mine	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	मुसम	पवन भिला भारवानसि ह आंजना निवासी-ग्राम कमेड तहसील धाट्टिया जिला उज्जैन	6828 13.05.22	माधवा ट	1129 4.000		NA			Non-captive	Non-Working	Non-captive	No	1. N23°15'42.84" E75°43'37.74" 2. N23°15'39.48" E75°43'46.46" 3. N23°15'34.95" E75°43'48.36" 4. N23°15'33.54" E75°43'47.90" 5. N23°15'31.31" E75°43'47.50" 6. N23°15'31.76" E75°43'41.45" 7. N23°15'32.77" E75°43'41.56" 8. N23°15'34.29" E75°43'45.32" 9. N23°15'42.59" E75°43'37.41"	Open cast
2	मुसम	लोकेश मोलवीय मोलवीय श्यामलाल मोलवीय लि-ग्राम	1590 21.10.2020	डाबरी	121 2.000		NA			Non-captive	Non-Working	Non-captive	No	1. N23°21'09.6" E75°51'48.6" 2. N23°21'08.2" E75°51'52.07" 3. N23°21'11.3" E75°51'53.5" 4. N23°21'11.2" E75°51'49.1"	Open cast

राहरीय-बडनगर

Sl. No.	Name of the Mine	Name of the Lessee	Minning Lease Grant Order No. & date	Village	Survey No./Area of Mining Lease (ha)	Period of Mining (in months)	Percentage of Mineral	Distance of Mining (in Km)	Statue (Longitude & Latitude)	Captive/Non-captive	Obtained Environmental Clearance (Yes/No) If Yes letter No. with date of Grant Of EC.	Location of the Mining	Method of Mining (Open cast/Underground)	Location of the Mining lease (latitude & longitude)	Name of the Mine
1	गुरा	इकबाल प्रता अन्वर खान निवासी-ग्राम कजलाना तहसील दऊनगर जिला उज्बैन	649 23.07.2021	खरसाद खुर्द	1174 2.000	NA	NA	NA	NA	Non-captive	Non-Working	Non-captive	No	1. N23°06'47.37" E75°25'30.83" 2. N23°06'51.52" E75°25'29.68" 3. N23°06'51.83" E75°25'36.74" 4. N23°06'45.33" E75°25'36.69" 5. N23°06'48.65" E75°25'36.05"	Open cast

State Level Environment Impact
Assessment Authority, M.P.
(EPCO)
Bhopal
Bhopal (M.P.)

तहसील-नागदा खाचरोद

तहसील-नागदा खाकरीद														
Sl. No.	Name of the Lessee	Mining Grant No. & date	Village	Survey No./Area of Mining Lease (ha)	Period of Mining Lease (In months)	Percentage of Mining Lease (In months)	Start Date (Working/Non-Working for disposal etc.)	Captive/Non-captive	Obtained Environmental Clearance (Yes/No) If Yes letter No. with date of Grant Of EC.	Location of the Mining Lease (latitude & Longitude)	Method of Mining (Open cast/Underground)	Location of the Mining Lease (latitude & Longitude)	Name of the Mine	
1	परधर रघुवीरसिंह पिता प्रदीपसिंह निवासी-300 जवाहर मार्ग गली नंबर 1 नागदा जिला उज्जैन	6654 12.05.2022	झिरमीर	283 1.34	NA	NA	Non-captive	Non-Working	Non-captive	No	1. N23°29'59.42" E75°20'04.14" 2. N23°29'57.47" E75°20'04.64" 3. N23°29'59.15" E75°20'10.42" 4. N23°30'01.26" E75°20'09.80"	Open cast		

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

2	पर्यटन सुहाल पिना गोपाल हम्योलिंगा निवासी-ह पुसिंग बाई कौलोनी खायरीद अजिला उज्जैन	5530 25.04 2022	डिसेंबर 1	201 2.00	NA	Non- captive	Non- Working	Non- captive	No	1. N23°29'54.07" E75°19'25.28" 2. N23°29'56.43" E75°19'24.53" 3. N23°29'54.55" E75°19'18.79" 4. N23°29'52.40" E75°19'19.10"	Open cast
3	पर्यटन मुकेश मिता मदनलाल निवासी-1 14 महारमा गोथी मार्ग खायरीद जिला उज्जैन	5546 25.04 2022	घिनौदा	2176/ 2440/ 2 2.00	NA	Non- captive	Non- Working	Non- captive	No	1. N23°29'49.34" E75°18'43.48" 2. N23°29'51.21" E75°18'46.12" 3. N23°29'50.83" E75°18'48.93" 4. N23°29'46.41" E75°18'49.08" 5. N23°29'46.22" E75°18'43.53"	Open cast
4	पर्यटन दरश पिता कैरावराम यामोरिया निवासी-6 4 हाउसिंग बाई खायरीद जिला उज्जैन	5546 25.04 2022	शिनोदा	2176/ 2440/ 2 2.00	NA	Non- captive	Non- Working	Non- captive	No	1. N23°29'48.06" E75°18'34.62" 2. N23°29'48.48" E75°18'38.76" 3. N23°29'49.11" E75°18'40.90" 4. N23°29'49.34" E75°18'43.48" 5. N23°29'46.22" E75°18'43.53" 6. N23°29'45.90" E75°18'35.03"	Open cast
5	पर्यटन श्री सरयुन्दारिं ह पिता सामयसिंह खालावत निवासी-1 2 वी	1765 27.09 2018	महू	313 2.00	NA	Non- captive	Non- Working	Non- captive	No	1. N23°25'05.2" E75°32'22.3" 2. N23°25'05.2" E75°32'26.6" 3. N23°25'09.4" E75°32'27" 4. N23°25'08.6" E75°32'22.3"	Open cast

State Level Environment Impact
Assessment Authority, M.P.

(Signature)

Date: 10/11/2022
Page No: 10/11/2022

2	पर्यटन श्री सौरभ पिता अशोक जैन निवासी- गुभाष मार्ग तेराना	1879	नॉट 2.000	1325	NA	Non- captive	Non- Working	Non- captive	No	1. N23°26'35.52" E76°02'29.28" 2. N23°26'35.49" E76°02'33.93" 3. N23°26'42.36" E76°02'34.11" 4. N23°26'42.36" E76°02'29.28"	Open cust
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टीप - उपरोक्तानुसार समस्त उल्लेखित आंदोलन के फल में सैद्धांतिक सहमति जा रही है जिनमें नियमानुसार औपचारिकताओं की पूर्ति उपरान्त अन्य विवरण दर्ज किया जाना है।


 State Level Environment Impact
 Assessment Authority, M.P.
 (EPCO)
 Anil Kumar
 Director, EPCO (M.P.)

अस्थाई अनुज्ञा अनुमति / सैद्धांतिक

Sl No.	Name of the Lessee	Mininum Lease Grant Order No. & date	Village	Survey No./ Area of Mininum Lease (ha)	Period of Mining Lease (Initial)	Period of Mining Lease (1/2...ren eval)	Date of commencement of Mining Operation	Status (Working/ Non-Working for dispatch etc.)	Captive/Non-captive	Obtained Environmental Clearance (Yes/No) If Yes letter No. with date of Grant Of EC.	Location of the Mining lease (latitude & longitude)	Method of Mining
1	गामर	712	नरवर	550	TP		Non-captive	Working	Non-captive	Yes	N23°6'8.610" E75°56'54.252" N23°6'9.422" E75°56'54.163" N23°6'9.315" E75°56'52.421" N23°6'11.374" 75°56'52.412"	Open cast/ Under ground
2	कल्याणेश्वर नि. तर्फे प्रो. परवाना पिता हरवंशालाल निवासी-डी. ए. 378 सक्टर 10-17 हिसार (हरियाणा)	28.07.2021		567 / 2			Non-captive	Working	Non-captive	Yes	N23°44'41.21" E75°41'39.97" N23°44'41.70" E75°41'46.97" N23°44'35.64" E75°41'46.96" N23°44'35.34" E75°41'39.26"	Open cast
3	रावे इन्फ्राविल्ड प्रोजेक्ट प्राईवेट. लिमिटेड 95 हिसार मंगरो सक्टर 11. उदयपुर	827	बोलाखडा	1 / 7 4.000	TP		Non-captive	Non Working	Non-captive	No	N23°34'32.23" E75°46'40.38" N23°34'32.53" E75°46'43.32" N23°34'31.16" E75°43'43.28" N23°34'33.40" E75°46'30.05" N23°34'32.72" E75°46'50.10" N23°34'32.26" E75°46'52.68" N23°34'30.51" E75°46'50.98"	Open cast

(Signature)

4	प.श्वर कमला कन्यारक्षान मोपाल	2411 261218	सोमसि डी	1112 1.160	TP (Road Working days)	Non- captive	Working	Yes	1913/05-08-20	1-N23°44'28.74" E 75°42'02.34" 2-N23°44'28.70" E 75°42'07.79" 3-N23°44'23.28" E 75°42'07.44" 4-N23°44'23.23" E 75°42'02.13"	Openc ast
5	प.श्वर कमला कन्यारक्षान मोपाल	1474 30.09 2020	निपाति य बदर	261 / 866 2.000	TP (Road Working days)	Non- captive	Working	Yes	6043/06-02-21	N23°34'3.13" E 75°39'12.80" N23°34'5.17" E 75°39'21.80" N23°34'7.77" E 75°39'20.96" N23°34'5.40" E 75°39'12.07"	Openc ast


 State Level Environment Impact
 Assessment Authority, M.P.
 (SPCO)
 District Level Officer
 Environment, D.D. Bhopal (M.P.)

**15.DETAILS OF THE AREA OF WHERE THERE IS A
CLUSTER OF MINING LEASE:- तहसील-उज्जैन**

क्र.	पट्टेधारियों का नाम व पता	खनिज	सर्वे नं०	रकबा (हे.)	ग्राम
1	श्रीमती सागर पति बहादुरसिंह सिसौदिया निवासी ग्राम केसुनी पोस्ट बाढ़कुम्भेद त.उज्जैन	पत्थर	149	1.75	चकजयरामपुर
2	रामचन्द्र पिता देवाजी रामी निवासी मालीपुरा, उज्जैन अंतरण श्रीमति मीना पति विजू कुशवाहा नि-अंकपात मार्ग उज्जैन	पत्थर	149	1.500	चकजयरामपुर
3	श्री अंगारेशवर इन्फ्रा प्रो.प्रा. प्रिती भाटी निवासी-रस्सी गली 3 उदपुरा उज्जैन	पत्थर	149	2.000	चकजयरामपुर
4	श्री अनुराग पिता भारती शरण तिवारी नि.46/1, ऋषिनगर एक्सटेंशन, उज्जैन	पत्थर	188	1.550	चकजयरामपुर
5	श्रीमती वर्षा पति श्री अतुल सूद निवासी आजाद नगर, उज्जैन	पत्थर	163/2, 164/2 & 165	1.000	चकजयरामपुर
6	श्री संदीपकुमार पिता अभयकुमार जैन निवासी-8/एदशहरा मैदान उज्जैन	पत्थर	143, 144 & 145	1.000	चकजयरामपुर
7	श्रीमती सागर पति बहादुरसिंह सिसौदिया निवासी ग्राम केसुनी पोस्ट बाढ़कुम्भेद त.उज्जैन	पत्थर	148, 171 & 182/2	1.920	चकजयरामपुर
8	श्री सुरेश पिता बाबू सिंह भाटिया निवासी-रेल्वे स्टेशन ग्राम असलावदा	पत्थर	129 & 132	0.930	चकजयरामपुर
9	श्री ऋषिप्रतापसिंह पिता बिसेनसिंह निवासी-ग्वालियर	पत्थर	170, 172, 173, 174/2 176/1 & 169/2	1.990	चकजयरामपुर
10	अमित पिता घनश्यामलाल गुप्ता नि-61/10 आजाद नगर उज्जैन	पत्थर	174/1 & 174/2	1-000	चकजयरामपुर
11	मेसर्स गुप्ता स्टोन क्रशिंग प्रो श्रीमति उमा गुप्ता पति राहुल गुप्ता निवासी-17/11 महाकाल वाणिज्य केन्द्र नानाखेडा उज्जैन	पत्थर	221/2, 222/1 & 222/2	1.200	चकजयरामपुर
12	अमित पिता घनश्यामलाल गुप्ता नि-61/10 आजाद नगर उज्जैन	पत्थर	174/1, 174/3, 174/4 175 & 178/2	1-800	चकजयरामपुर
13	गिरिश पिता भंवरलाल पाटीदार नि.-ऋषि नगर उज्जैन	पत्थर	167/1, 167/2 & 168	1.000	चकजयरामपुर
14	नितेश पिता नरेंद्र कुमार जैन नि.-33 खाराकुआ उज्जैन	पत्थर	180, 181, 184, 185, 179/1, 179/2 & 186	2.000	चकजयरामपुर
15	श्रीमती आशा पति संजय मेहता नि. दशहरा मैदान, उज्जैन	पत्थर	818/1, 819/1/2, 820/8, 820/2 & 820/3	3.311	उण्डासा
17	श्री परवेज खान पिता बशीर खान निवासी-जामा मस्जिद रोड उज्जैन	पत्थर	192 & 296	2.000	जलालखेड़ी
18	गंगाराम पिता सिद्धू जी निवासी ग्राम खिलचीपुर तहसील घटिदया	पत्थर	192	3.000	जलालखेड़ी
19	श्री प्रशांत पिता नंदलाल यादव (मृत्यु उपरांत उत्तराधिकारी) श्रीमति जया पति स्व. प्रशांत यादव निवासी-180 अब्दालपुरा उज्जैन	पत्थर	192	4.000	जलालखेड़ी
20	श्री गुलरेज खान पिता बशीर खान नि. 59, जामा मस्जिद रोड, उज्जैन	पत्थर	305	2.000	जलालखेड़ी
21	श्री मुरारीलाल पिता बाबूराम शर्मा निवासी-63 सुदामा नगर उज्जैन	पत्थर	180 & 192	4.000	जलालखेड़ी
22	श्री राजेश पिता रणछाड़सिंह अँजना, निवासी-ग्राम चंदूखेड़ी, तहसील व जिला उज्जैन	पत्थर	305	4.000	जलालखेड़ी
23	श्रीमती पूनम पति राजेश अँजना, निवासी-ग्राम चंदूखेड़ी, तहसील व जिला उज्जैन श्री जीवन पिता दुल्लाजी निवासी-ग्राम मंगरोला उज्जैन	पत्थर	305	1.000	जलालखेड़ी

24	श्री जीवन पिता मरुलाल परिहार निवासी- ग्राम चंदूरखेडी पोस्ट नलवा तह, उज्जैन अंतरण श्री प्रशान्त कान्तामेननी पिता कं.दी. कृष्णाराव निवासी-उज्जैन	पत्थर	296	1.500	जलालखेडी
25	श्री बद्रीलाल पिता सतीश निवासी-जलालखेडी तह, व जिला उज्जैन	पत्थर	305	2.560	जलालखेडी
26	कं. आर. अर्ध मुबर्स श्री भरतसिंह पिता विक्रमसिंह नि- ग्राम भरोल तह0 व जिला उज्जैन	पत्थर	305	1-000	जलालखेडी
27	दयेंद्र पिता धर्मचंद पाटनी निवासी- 106 गोतम मार्ग नयापुरा उज्जैन	पत्थर	192	1.000	जलालखेडी
28	जितेन्द्र आंजना पिता पटमसिंह निवासी-ग्राम चंदूरखेडी तहसील व जिला उज्जैन	मुरम	205 / 1	3.000	जलालखेडी
29	कु. अदिती पिता डॉ. धनश्याम शर्मा निवासी 47/1 अंकपात मार्ग, उज्जैन	पत्थर	54/2	1.000	जयवंतपुर
30	श्रीमति वर्षा पति अतुल सूद निवासी-आजाद नगर उज्जैन	पत्थर	114/1	1.000	जयवंतपुर
31	कोमल पिता मनोहरलाल खत्री निवासी-भोज मार्ग फ्रीगंज उज्जैन	पत्थर	114	2.000	जयवंतपुर
32	कोमल पिता मनोहरलाल खत्री निवासी-भोज मार्ग फ्रीगंज उज्जैन	पत्थर	114	1.000	जयवंतपुर
33	पंकज पिता हीरालाल जैन, नि. -ताजपुर अंतरण अभिषेक पिता महेन्द्र जैन नि.-12 अशोक विहार कॉलोनी, उज्जैन	पत्थर	26 (26/2)	1.000	शंकरपुर
34	रमेश पिता बाबुलाल गोयल निवासी सखीपुरा, उज्जैन	पत्थर	11/1 & 11/2	1.000	शंकरपुर
35	श्रीमती आशा पति संजय महता नि. दशहरा मैदान, उज्जैन	पत्थर	257, 258 & 259	1.890	पिंगलेश्वर
36	श्री पाटवाला मिनरर्स एण्ड माईन्स, प्रा.लि., द्वारा डायरेक्टर, राहुल पिता सत्यनारायण पाटवाला, निवासी-72, सुखनिवास, पोस्ट रऊ रंगवासा, इंदौर	पत्थर	204 205, 206 & 218/2	3.730	मोरुखेडी
37	श्री जगदीश प्रसाद पिता रामचरण शुक्ला निवासी-11 बडा तेलीवाडा, उज्जैन अंतरण जितेन्द्र पिता जगदीश जाट निवासी- शंकरपुर	पत्थर	343/1	2.000	पिंगलेश्वर
38	जिंदल अर्थ माईन्स द्वारा श्री नव्य पिता अमीत जिंदल नि-55, दशहरा मैदान उज्जैन	पत्थर	343 / 1 343 / 2	2-800	पिंगलेश्वर
39	जिंदल अर्थ माईन्स द्वारा श्री नव्य पिता अमीत जिंदल नि-55, दशहरा मैदान उज्जैन	पत्थर	347	1.460	पिंगलेश्वर
40	श्रीमती वर्षा पति श्री अतुल सूद निवासी आजाद नगर, उज्जैन	पत्थर	188	1.500	सुरजनवासा
41	श्री विजय पिता देवनारायण जाट निवासी-ग्राम केसुनी, तहसील व जिला उज्जैन	पत्थर	166/2	1.000	सुरजनवासा
42	श्री अध्यक्षकुमार पिता दिलीप कुमार जैन निवासी-30 क्षपणक मार्ग बाफना रंसीडेन्सी उज्जैन	पत्थर	203	1.600	सुरजनवासा
43	श्री सिद्धनाथ पिता प्रभुलाल निवासी-धुपाडा तह. मोमन बडोदिया जिला शाजापुर अंतरण श्रीमति दिपिका पति अश्विन मेहता निवासी-नमकमण्डी उज्जैन	पत्थर	203	1.200	सुरजनवासा
44	श्रीमति बंदना पति नरेश केन निवासी- मेनकापुरा तहसील पोरसा जिला मुरैना अंतरण श्री संजय पिता बाबूलाल चौधरी नि-ग्राम केसुनी तह. व जिला उज्जैन	पत्थर	203	2.000	सुरजनवासा
45	विजय पिता देवनारायण जाट नि. ग्राम केसुनी तह. व जिला उज्जैन	पत्थर	134, 135	1.000	सुरजनवासा
46	श्री वनेसिंह पिता मोतीलाल गौरसिया नि-ग्राम शंकरपुर	पत्थर	108	1.800	सुरजनवासा
47	जयंत पिता कैलाशचंद्र झंवर नि- 175 विवेकानंद कॉलोनी उज्जैन अंतरण आंकार स्टोन क्रेशर पार्टनर मानस पिता मनोज जिन्दल निवासी- 5/18 वसंतविहार उज्जैन	पत्थर	188	1.500	सुरजनवासा

81	विजय भाल सिंह पिता दत्तात्रेय सोलुंजी निवासी- राम जम्बूरा तहसील व जिला उज्जैन	पत्थर	234	2 000	जम्बूरा
82	विशाल पिता द्वारकाप्रसाद राजोरिया नि. - 8 भवन नगर उज्जैन	पत्थर	205	3-500	जम्बूरा
83	श्री नारायण पिता पूनमचंद यादव नि- 180 अट्वालपुरा उज्जैन	गुग्म	325,326	3.960	मानपुरा
84	श्री नारायण पिता पूनमचंद यादव नि- 180 अट्वालपुरा उज्जैन	गुग्म	328	2 100	मानपुरा
85	अंकित पिता दिनश गुप्ता नि-कुल्मीपुरा ताजपुर	गुग्म	532 / 1	1,000	ताजपुर
86	श्री अंकुश पिता पंकज जैन नि-69 कालिदास मार्ग उज्जैन	गुग्म	463 / 1	1 640	ताजपुर
87	शुभम पिता घनश्याम शर्मा निवासी- 47 / 1 मंगल उद्यान गल्ली नं. 4 अंबातिपुरा उज्जैन	पत्थर	639	2,000	ताजपुर
88	सरसा पति दिनेश शर्मा निवासी-65 सुदामा नगर उज्जैन	पत्थर	54/1, 54/2 & 162	1 500	शंकरपुर
89	श्रीमति उर्मिला पति सत्यनारायण अग्रवाल निवासी-अरविन्द नगर उज्जैन	पत्थर	821 / 1 / 2, 821 / 1 / 3, 821 / 3, 822	1 900	उण्डासा
90	संजय पिता पी.सी. जैन निवासी-ए-5 / 21 महाकाल विश्वविद्यालय केंद्र, उज्जैन अंतरण श्रीमती उर्मिला पति सत्यनारायण अग्रवाल निवासी 75 जे.सी.मिल्ल कंपाउण्ड, उज्जैन	पत्थर	820/9/1, 820/10	0,700	उण्डासा
91	श्रीमती आशा पति संजय मेहता नि. दशहरा मैदान, उज्जैन	पत्थर	818/1, 819/1/2, 820/8, 820/2 & 820/3	3,311	उण्डासा

तहसील-बडनगर

क्र.	पट्टेधारियों का नाम व पता	खनिज	सर्वे नं०	रकबा (हे.)	ग्राम
1	श्री सुरेश पिता तालाराम राठौर नि-खरसौदखुद बडनगर	गुग्म	1178	3 000	खरसौदखुद
2	इकवाल पिता अनवर खान निवासी-ग्राम कजलाना तहसील बडनगर जिला उज्जैन	गुग्म	1174	2,000	खरसौदखुद

तहसील-खाचरौद

क्र.	पट्टेधारियों का नाम व पता	खनिज	सर्वे नं०	रकबा (हे.)	ग्राम
1	श्रीमती सुनिता पति सूर्यप्रकाश शर्मा निवासी 90 सुभाष मार्ग, खाचरौद	पत्थर	602/3	2,000	कुम्हारवाड़ी
2	श्री सूर्यप्रकाश पिता नीलकंठ शर्मा निवासी-90 सुभाष मार्ग खाचरौद	पत्थर	602/3	2,000	कुम्हारवाड़ी
3	श्री रीतेश पिता रमेशचन्द्र जायसवाल निवासी-20 राणाप्रताप मार्ग खाचरौद	पत्थर	583	2,000	बुरानाबाद
4	श्रीमति नीतू पति सूर्यप्रकाश शर्मा निवासी-35 गोपाल कुंज रामद्वारा के पीछे गोपाल मार्ग खाचरौद	पत्थर	583	2,000	बुरानाबाद
5	श्री शंकरलाल पिता बगदीराम मेडावलीया नि-नागदा रोड अंतरण पृथ्वीराजसिंह निवासी-	पत्थर	583	1.65	बुरानाबाद
6	श्री दशरथ पिता केशुराम बम्बोदिया नि-हाउसिंग बोर्ड खाचरौद	पत्थर	34/2, 34/3	1.00	बेड़ावन्या
7	पाटवाला मिनरल्स एण्ड माइन्स प्रा. डायरेक्टर राहुल पिता सत्यनारायण पाटवाला निवासी-72 सुख निवास राउ रंगवासा इंदौर	पत्थर	261./1	4.00	बेड़ावन्या

तहसील-नागदा

क्रं.	पट्टेधारियों का नाम व पता	खनिज	सर्वे नं०	रकबा (हे.)	ग्राम
1	रमेश पिता रतनलाल नांदेड़ा निवासी स्टेशन रोड उन्हेल	पत्थर	356	1.500	आक्या नजीक
2	श्री सचिन पिता श्री प्रकाशचन्द्र पाटनी निवासी छोटा बाजार उन्हेल जिला उज्जैन	पत्थर	508	1.00	आक्या नजीक
3	श्री सुरेश पिता शंकरलाल शर्मा नि-20 साकर कुंज इंदौर	पत्थर	480	1.500	आक्या नजीक
4	सचिन पिता प्रकाश पाटनी निवासी छोटा बाजार उन्हेल	पत्थर	76	2.000	आक्या नजीक
5	श्री अश्विन पिता सतीश मारु, निवासी-छोटा बाजार, वार्ड नं. 13, उन्हेल	पत्थर	62/1	2.000	आक्या नजीक
6	श्री अश्विन पिता सतीश मारु, निवासी-छोटा बाजार, वार्ड नं. 13, उन्हेल	पत्थर	76	4.000	आक्या नजीक
7	श्री रमेश पिता रतनलाल नांदेड़ा निवासी-स्टेशन रोड उन्हेल	पत्थर	356	2.000	आक्या नजीक
8	श्री सचिन पिता श्री प्रकाशचन्द्र पाटनी निवासी छोटा बाजार उन्हेल जिला उज्जैन	पत्थर	42/min-6	4.00	आक्या नजीक
9	श्री मोहनसिंह पिता कमलसिंह नि-ग्राम आक्यानजिक तह, नागदा	पत्थर	484	2.00	आक्या नजीक
10	श्री द्वारकाधीश पिता शिवनारायण मेहता नि- ग्राम उन्हेल तहसील नागदा	पत्थर	61 60	4.00	आक्या नजीक
11	श्री सचिन पिता श्री प्रकाशचन्द्र पाटनी निवासी छोटा बाजार उन्हेल जिला उज्जैन	पत्थर	76	4.000	आक्या नजीक
12	श्री अश्विन पिता सतीश मारु, निवासी-छोटा बाजार, वार्ड नं. 13, उन्हेल	पत्थर	575/11	4.000	कुण्डला
13	श्री सचिन पिता श्री प्रकाशचन्द्र पाटनी निवासी छोटा बाजार उन्हेल जिला उज्जैन	पत्थर	575/11	4.000	कुण्डला
14	श्री अश्विन पिता सतीश मारु, निवासी-छोटा बाजार, वार्ड नं. 13, उन्हेल	पत्थर	574	8.000	कुण्डला

तहसील-तराना


क्रं.	पट्टेधारियों का नाम व पता	खनिज	सर्वे नं०	रकबा (हे.)	ग्राम
1	श्री अशोक पिता शांतीलाल जैन, निवासी कंचनपुरा स्टेशन रोड, शाजापुर मृत्यु उपरांत श्रीमती शोभा पति स्व. अशोक जैन के नाम आंतरित	पत्थर	1508	2.000	बरण्डवा
2	हेमन्त पिता शंकरलाल गर्ग निवासी नयाबाजार मक्सी अंतरण क. श्रुति पिता मुकेश गर्ग, निवासी-झण्डा चौक, मक्सी	पत्थर	1414	2.100	बरण्डवा
3	राघवेन्द्र पिता श्री पतनारायण सिंह निवासी नई आबादी मक्सी	पत्थर	1508/2 1508/4	3.000	बरण्डवा
4	राघवेन्द्र पिता श्री पतनारायण सिंह निवासी नई आबादी मक्सी	पत्थर	79/2	2.000	बरण्डवा
5	श्री धर्मेन्द्र प्रतापसिंह पिता शिवरामसिंह सेंगर निवासी इंदिरानगर, महाविद्यालय के सामने, शाजापुर	पत्थर	44	2.000	नेनावद
6	गजेन्द्रसिंह पिता करणसिंह तोमर निवासी 86, विजयनगर शाजापुर	पत्थर	44, 54	3.000	नेनावद

क्र.	पट्टेधारियों का नाम व पता	खनिज	सर्वे नं०	रकबा (हे.)	ग्राम
7	गोवर्धनसिंह पिता रतनसिंह निवासी 10 नईवाड़ा, शाजापुर	पत्थर	54	2.000	नैनावद
8	शेलेन्द्र पिता अशोक जैन निवासी 27, सुभाष मार्ग, तराना	पत्थर	1309	3.000	नांदेड़
9	श्री बाबूलाल पिता पन्नालाल पोरवाल नि-120 तोतला मार्ग तराना अंतरण प्रवीण पिता सोनपालसिंह नि-ग्राम ढावताराजपुत तराना	पत्थर	1309	3.280	नांदेड़
10	श्री नवीन पिता अशोक कुमार जैन निवासी-27 सुभाष मार्ग तराना	पत्थर	1325	4.000	नांदेड़
11	श्री गोविन्द पिता नारायणसिंह निवासी-28 केशवनगर उज्जैन	पत्थर	1309	2.000	नांदेड़
12	राजेश पिता कैलाशचंद्र पाटीदार, नि.ग्राम इटावा तह. तराना	पत्थर	1309	2.000	नांदेड़
13	श्री जितेन्द्र पिता भार्गव परमार निवासी-2/1 नजरअली मार्ग उज्जैन	पत्थर	1325	1.500	नांदेड़
14	श्री अर्पित पिता दिनेशचन्द्र शर्मा नि-इटावा तह. तराना	पत्थर	1309	1.800	नांदेड़
15	श्री नाहरसिंह पिता विक्रमसिंह पंवार निवासी-ग्राम नांदेड़ तह. तराना	पत्थर	1325	2.000	नांदेड़
16	श्री सौरभ पिता अशोक जैन निवासी-सुभाष मार्ग तराना	पत्थर	1325	2.000	नांदेड़
17	श्री अशोक पिता कन्हैयालाल सालकी निवासी-9/6 पुराना हैस्पिटल रोड जावरा	पत्थर	85	3.000	गांधीनगर
18	श्री अनिल पिता रामलालजी चौहान निवासी-सुभाष चौक माकडोन	पत्थर	2	2.000	गांधीनगर
19	श्री सुभाष पिता बालकृष्ण गोठी नि-ग्राम तोवरीखेडा तह. तराना	पत्थर	58	1.570	गांधीनगर
20	श्री रविन्द्रसिंह पिता करणसिंह निवासी-ग्राम कुण्डलखुर्द तहसील व जिला आगरा	पत्थर	85/2/1	2.000	गांधीनगर
21	श्री नारायण पिता गौरीशंकर नायक निवासी-यशवंत नगर, पोस्ट नैनावद, तहसील तराना जिला उज्जैन	पत्थर	141	2.000	यशवंतनगर
22	महेन्द्रसिंह पिता भार्गवसिंह, नि. ग्राम रामडी तह. तराना	पत्थर	48	2.800	यशवंतनगर
23	श्री रामेश्वर पिता पिरुलाल नि-ग्राम बरण्डवा तह. तराना	पत्थर	35	2.000	यशवंतनगर
24	श्री धर्मेन्द्रप्रतापसिंह पिता शिवरामसिंह सैंगर नि-इंदिरा नगर शाजापुर	पत्थर	43	2.000	यशवंतनगर
25	श्री राधेश्याम प्रजापत निवासी-एबी रांड वार्ड नं. 27 विजय नगर शाजापुर	पत्थर	141	2.000	यशवंतनगर
26	श्री राजेन्द्र पिता शिवसिंह नि-करेडी तराना	पत्थर	35	2.000	यशवंतनगर
27	रामसिंह पिता प्रभुसिंह बडाल निवासी-खेडा खजूरिया तह. तराना जिला उज्जैन	पत्थर	142	2.000	यशवंतनगर
28	श्री आशीष पिता ओमप्रकाश पाटीदार निवासी-ग्राम इटावा तह. तराना जिला उज्जैन	पत्थर	142	2.000	यशवंतनगर

तहसील-घटिया

क्रं.	पट्टेधारियों का नाम व पता	खनिज	सर्वे नं०	रकबा (हे.)	ग्राम
1	महाकाल स्टीन क्रेशर प्रो. सत्यनारायण पिता सोहनलाल अग्रवाल नि. 75 पे.सी.गिल्स कंपाउण्ड आगरा रोड, उज्जैन	पत्थर	1210	1.00	नजरपुर
2	जुवेर खान पिता वसीर खान निवासी 59, रामप्रसाद भार्गव मार्ग, उज्जैन	पत्थर	675	2.000	नजरपुर
3	गिरीश पिता सत्यनारायण चौहान नि.-11 शांतीनाथ की गली, छांटा सराफा, उज्जैन अंतरण	पत्थर	1210 / 1	1.000	नजरपुर
4	इकवाल पिता सरदार खान, नि.-ढावला हर्दू, तहसील तराना शादीक पिता मोहम्मद शफी निवासी चंद का कुंआ, उज्जैन	पत्थर	1109/2	2.000	नजरपुर
5	श्रीमती संगीता पति रविंद्रसिंह भदौरिया, निवासी-7/8, महाकाल वाणिज्य केंद्र, नानाखेड़ा, उज्जैन	पत्थर	675	3.700	नजरपुर
6	श्रीमती पुष्पा पति डॉ. घनश्याम शर्मा, निवासी-47 / 1, मंगल उद्यान, गली नं. 4, अवतिपुरा, उज्जैन	पत्थर	1109	2.000	नजरपुर
7	रशीदखा पिता रहमत खा नि-ग्राम नजरपुर तह. घटिया	पत्थर	665	1.500	नजरपुर
8	श्री मनीष पिता गोपाल पाटीदार नि-मेन रोड घटिया	पत्थर	944	1.000	घटिया
9	जयसिंह पिता ईश्वरसिंह राजपुत नि-ग्राम जेथल तह. घटिया	पत्थर	1035	2.000	घटिया
10	दिनेश पिता मदनलाल प्रजापत नि-ग्राम निनौरा तह. उज्जैन	पत्थर	82	1.000	घटिया
11	श्री लोकेन्द्रसिंह पिता गजराजसिंह सिसौदिया निवासी-ग्राम तुलाहेडा तह. घटिया जिला उज्जैन अंतरण	पत्थर	944	1.000	घटिया
12	फिरांज पिता अब्दुल रशीद नि-ग्राम नजरपुर उज्जैन				
12	श्री नरेन्द्रसिंह पिता ईश्वरसिंह सोलंकी निवासी-ग्राम जलवा तहसील घटिया	पत्थर	82,83,84	1.000	घटिया
13	श्री नरेन्द्रसिंह पिता ईश्वरसिंह सोलंकी निवासी-ग्राम जलवा तहसील घटिया	पत्थर	82	1.600	घटिया
14	मनीष पिता गोपाल पाटीदार नि.-मेन रोड घटिया	पत्थर	944	1.000	घटिया
15	नरेन्द्र पिता ईश्वरसिंह सोलंकी निवासी-ग्राम जलवा तहसील घटिया जिला उज्जैन	पत्थर	82	1.600	घटिया
16	श्री सत्यनारायण पिता सोहनलाल अग्रवाल निवासी-82 अरविंद नगर उज्जैन	पत्थर	145	3.000	ढाबलागोरी
17	श्री धर्मेन्द्र पिता मनोहरलाल मेहता नि-53 कमल कॉलोनी अंकपात मार्ग उज्जैन	पत्थर	145	2.000	ढाबलागोरी
18	श्री धर्मेन्द्र पिता मनोहरलाल मेहता नि-53 कमल कॉलोनी अंकपात मार्ग उज्जैन	पत्थर	145	2.000	ढाबलागोरी
19	श्री प्रतीक पिता अशोक तोमर निवासी-5 एमआईजी लक्ष्मी नगर उज्जैन	पत्थर	145	2.000	ढाबलागोरी
20	श्री प्रतीक पिता अशोक तोमर निवासी-5 एमआईजी लक्ष्मी नगर उज्जैन	पत्थर	145	2.000	ढाबलागोरी
21	श्रीमति पवित्रा पति चेतनसिंह सिसौदिया नि-172 महाशक्ति नगर उज्जैन	पत्थर	145	2.000	ढाबलागोरी
22	श्रीमति अंजलि पति देवन्द्र पाटनी नि-106 गौतम मोग उज्जैन	पत्थर	1/min-1	3.000	विनायगा
23	राजेन्द्रसिंह पिता सत्यनारायणसिंह निवासी-ग्राम नांदेड तह. तराना अंतरण विककी पिता कमल चौहान नि-ए/9/11 महाकाल वाणिज्य केंद्र नानाखेड़ा उज्जैन	मुरम	1/min-1	2.000	विनायगा
24	श्री गोपाल पिता गणपत आंजना निवासी-इन्द्रानगर उज्जैन	मुरम	564	2.000	आजमपुरा

25	श्री सुरेश पिता मोहनलाल बाराड निवासी-ग्राम राघवी तहसील महिदपुर उज्जैन	मुरम	564	2 000	आजमपुरा
26	जितेन्द्र पिता लल्लासिंह तोंमर, नि.21 राजेन्द्र नगर आगर रोड उज्जैन श्रीमति रेहना बी पति इशाकखान नि-6 सेकण्ड मंजिल तुलसी कॉम्पलेक्स विक्रम मार्ग उज्जैन	मुरम	556	2.000	आजमपुरा
27	श्री दिनेश पिता पूराजी निवासी-29 ब्रज नगर बापू नगर आगर रोड उज्जैन	मुरम	197	2.000	आजमपुरा


 State Level Environment Impact
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 (P.C.D.)
 Government of Madhya Pradesh
 Bhopal, Madhya Pradesh

16. TOTAL MINOR MINERAL RESERVE AVAILABLE IN THE DISTRICT:-

Sr.no.	Mineral	Reserve (Cubiometer)
1	Stone (Gitty)	2355378
2	Murum	169368
3	Soil	20225
4	River Sand	217285

17. QUALITY & GRADE OF MINERALS IN THE DISTRICT:-

Due to belongness of Deccant trap formations the district Ujjain Mainly Comprises Minor Mineral like Basaltic Bolder, Crushing Stone i.e. Gitti, Soil, Murum and Sand only. The Quality of available mineral Stone is a very good quality that is suitable for road metals & building stones and other construction purposes. Weathering of Basaltic stone gives Soil & Murum that is medium to good quality and it is used for brick clins and filling works respectively and the available Sand is very low grade mineral.

18. USES OF MINERALS :-

Minor Minerals are mainly used for construction purpose. Minor Minerals comprise of gravel, building stones, soil, ordinary clay, ordinary sand, and murum. .

- i) **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 rail, road, track, ballast as composite material (with a binder) in concrete, tarmac, and asphalt concrete.
- ii) **Sand:-** Sand is used to give strength, bulk and other properties to construction materials like asphalt and concrete. In land scaping, 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.
- iii) **Murram:-** It is a mixture of minerals, organic matters, gravels, rock particles etc. Murum is used in plinth filling, road pavements, back filling 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.
- iv) **Soil:-** Ordinary earth soil used for filling the embankments, roads, railway sand building.
- v) **Brick Clay:-** Brick clay 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.

19. DEMAND & SUPPLY OF MINERALS IN DISTRICT :-

District Ujjain is a religious city and there is no huge demand of minerals. Only the residential public need it to make his own house. Demand and supply of mineral never increases until unless a big Government project work here. Due to lack of big Government projects there is a very normal demand and supply of Mineral.

S.no	Mineral	FY 2019-20	FY 2020-21	FY 2021-22
1	Stone (Gitty)	957590	919623	1203200
2	M-Sand	-	-	13200
3	Murum	295546	235404	151718
4	Soil	10558	19652	17335

Note- Demand and supply data mention above are in cubic meters


State Level Environment Impact
Assessment Authority, M.P.
(EPCO)
Darshan Prasad
P.O. Colony, Bhopal (M.P.)

20. MINING LEASES MARKED ON THE DISTRICT MAP:-

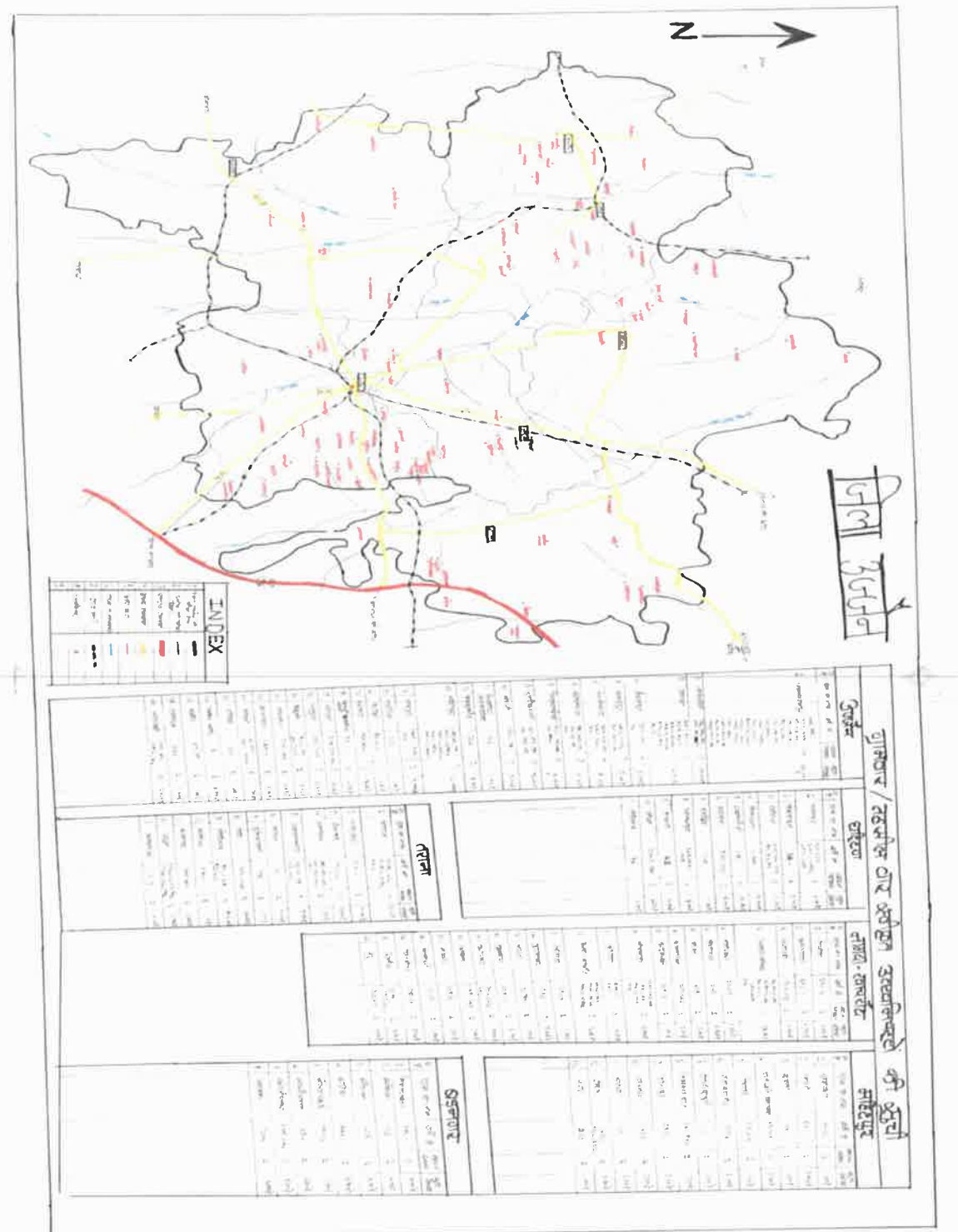


Fig:-17 Mining leases marked on district map

21. DETAILS OF ECO SENSITIVE ZONE :-

Eco-Sensitive Zones (ESZs) or Ecologically Fragile Areas (EFAs) are areas in India notified by the Ministry of Environment, Forests and Climate Change (MoEFCC), Government of India around Protected Areas, National Parks and Wildlife Sanctuaries. The purpose of declaring ESZs is to create some kind of "shock absorbers" to the protected areas by regulating and managing the activities around such areas. They also act as a transition zone from areas of high protection to areas involving lesser protection. There is no any Eco sensitive Zone nearby Ujjain District.

22. IMPACT ON THE ENVIRONMENT DUE TO MINING ACTIVITY:

Mining is the extraction of minerals and other geological materials of economic value from deposits on the Earth. Mining adversely affects the environment by inducing loss of biodiversity, soil erosion, and contamination of surface water, groundwater, and soil. Mining can also trigger the formation of sinkholes. The leakage of chemicals from mining sites can also have detrimental effects on the health of the population living at or around the mining site. As mentioned above, mining activities can harm the environment in several ways.

Mining of major minerals in the Division is not a common feature, other minor mineral like murum and boulders are collected by the contractor and in some case private too on a regular basis, in some area by the local people also to earn their livelihood. This collection is destructive to forests. Mainly stone quarry are going on in the District. Several serious environmental impacts related to quarrying activities on and near the river, such as vibration, land degradation, land subsidence and landslides, water pollution and air pollution, will lead to health related problems and loss of biodiversity.

A) IMPACTS ON AIR :-

Air quality is adversely affected by mining operations. Unrefined materials are released when mineral deposits are exposed on the surface through mining. Wind erosion and nearby vehicular traffic cause such materials to become airborne. Lead, Arsenic, Cadmium, and other toxic elements are often present in such particles. These pollutants can damage the health of people living near the mining site. Diseases of the respiratory system and allergies can be triggered by the inhalation of such airborne particles.

B) IMPACTS ON WATER:-

Mining also causes water pollution which includes metal contamination, increased sediment levels in streams, and acid mine drainage. Pollutants released from processing plants, tailing ponds, underground mines, waste-disposal areas, active or abandoned surface or haulage roads, etc., act as the top sources of water pollution. Sediments released through soil erosion cause siltation or the smothering of stream beds. It adversely impacts irrigation, swimming, fishing, domestic water supply, and other activities dependent on such water bodies.

High concentrations of toxic chemicals in water bodies pose a survival threat to aquatic flora and fauna and terrestrial species dependent on them for food. The acidic water released from metal mines or coal mines also drains into surface water or seeps below ground to acidify groundwater. The loss of normal pH of water can have disastrous effects on life sustained by such water.

C) NOISE IMPACTS :-

Noise pollution mainly due to operation of machineries, occasional plying of machineries and drilling & blasting. These activities will create noise pollution in the surrounding area that affects the life of the nearby habitats.

D) IMPACT ON SOIL :-

Soil disruptions can contribute to the deterioration of the area's flora and fauna. There is also a huge possibility that many of the surface features that were present before mining activities cannot be replaced after the process has ended. The removal of soil layers and deep underground digging can destabilize the ground which threatens the future of roads and buildings in the area.

E) IMPACTS ON FLORA & FAUNA :-

Often, the worst effects of mining activities are observed after the mining process has ceased. The destruction or drastic modification of the pre-mined landscape can have a catastrophic impact on the biodiversity of that area. Mining leads to a massive habitat loss for a diversity of flora and fauna ranging from soil microorganisms to large mammals. Endemic species are most severely affected since even the slightest disruptions in their habitat can result in extinction or put them at high risk of being

Wiped out. Toxins released through mining can wipe out entire populations of sensitive species.

23. REMEDIAL MEASURES TO MITIGATE THE IMPACT OF MINING ON THE ENVIRONMENT:-

The major potential environmental impacts associated with mining and associated mineral processing operations are related to erosion-prone landscapes, soil and water quality, and air quality. These potential impacts are recognized and addressed in current mining operations as well as in some former mining operations. By reclaiming areas of physical disturbance to prevent erosion, stabilizing soils containing metals or chemicals to prevent unwanted metal releases into the environment, preventing and/or treating water contamination, and controlling air emissions. Mine closure and a number of activities to mitigate the impacts of mining are an integral part of all mine planning and mineral development from the discovery phase through to closure:

Reclamation, Soil treatment, Water treatment, Preventing acid rock drainage, Controlling gas emissions.

A) AIR

Mitigation measures suggested for air pollution controls are to be based on the baseline ambient air quality of the project/cluster area and would include measures such as:

- Dust generation shall be reduced by using sharp teeth of shovels.
- Wet drilling shall be carried out to contain the dust particles.
- Controlled blasting techniques shall be adopted.
- Water sprinkling 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 undertaken.
- Transport of materials in trucks is to be covered with tarpaulin.
- The mine pit water can be utilized for dust suppression in and around mine area.
- Information on wind direction and meteorology are to be considered during planning, so that pollutants, which cannot be fully suppressed by engineering techniques, will be prevented from reaching the nearby agricultural land, if any.
- Comprehensive greenbelt around overburden dumps and periphery of the mining projects/clusters has to be carried out to reduce to fugitive dust transmission from the project area in order to create clean & healthy environment.

B) WATER

- Construction of garland drains and settling tanks to divert surface run-off of the mining area to the natural drainage.
- Construction of check dams/ gully plugs at strategic places to arrest silt wash off from broken up area.
- Retaining walls with weep hole are to be constructed around the mine boundaries to arrest silt wash off.
- The mined out pits shall be converted in to 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 are to be undertaken.
- Domestic sewage from site office & urinals/latrines provided within ML/QL areas is to be discharged in septic tank followed by soak pits.

C) NOISE

- Periodic maintenance of machineries, equipments shall be ensured to keep the noise generated within acceptable limit.
- Development of thick green belt around mining/cluster area, haul roads to reduce the noise.
- Provision of earplugs to workers exposed to high noise generating activities like blasting, excavation site etc. Worker and operators at work sites will be provided with earmuffs.
- Conducting periodical medical checkup of all workers for any noise related health problems.
- Proper training to personnel to create awareness about adverse noise related effects.
- Periodic noise monitoring at locations within the mining area and nearby habitations to assess efficacy of adopted control measures.
- During blasting optimum spacing, burden and charging of holes will be made under the supervision of competent qualified mines foreman, mate etc.

D) BIOLOGICAL ENVIRONMENT

- Development of green belt/gap filling saplings in the safety barrier left around the quarry area/cluster area.
- Carrying out thick green belt with local flora species predominantly with long canopy trees on the inactive mined out upper benches.
- Development of dense poly culture plantation using local floral species in the mining areas at conceptual stage if the mine is not continued much below the general ground level.
- Adoption of suitable air pollution control measures as suggested above.
- Transport of materials in trucks covered with tarpaulin.

24 . RECLAMATION :-

Mine reclamation is the process of restoring land that has been mined to a natural or economically usable state. Although the process of mine reclamation occurs once mining is completed, the planning of mine reclamation activities occurs prior to a mine being permitted or started. Mine reclamation creates useful landscapes that meet a variety of goals ranging from the restoration of productive ecosystems to the creation of industrial and municipal resources. Modern mine reclamation minimizes and mitigates the environmental effects of mining.

Mainly two types of reclamation proposal are normally proposed i.e. Firstly Back filling of the exhausted mine by mine generated waste and capping of topsoil for forest plantation and growth. Secondly proper fencing of quarried area and can be developed as water reservoir, fishery development.

25. RISK ASSESSMENT & DISASTER MANAGEMENT PLAN:-

Risk assessment is the determination of quantitative or qualitative value of risk related to a concrete situation and a recognized threat. Activities requiring assessment of risk due to occurrence of most probable instances of hazard and accident are both onsite and off-site.

It must be realized that any incident may develop into a major emergency even with the best safety measures and programmes in any industry. Hence, an Emergency procedure will be planned properly and documented to help in reducing time loss, chaos and confusion at the hour of need by assigning person who will engage in meeting emergency smoothly and effectively. Any accident which has potential to develop into a major emergency can threaten large number of person or large area of the industries on the site may affect safety of the public, property and environment. Hence, it is absolutely essential that emergency procedures will be properly planned and documented. Stone quarry mining is an opencast practice in the district, hardly cause disastrous situation except bench failure if the slope of the benches are not well maintained and height of the benches are exceptionally high not executed as per the approved Plan. Any disastrous situation raised in the mining area must be reported to the concern authorities as soon as possible.

26. OCCUPATIONAL HEALTH ISSUE IN THE DISTRICT:-

Table :- Employees information of Health Centre's in Ujjain District

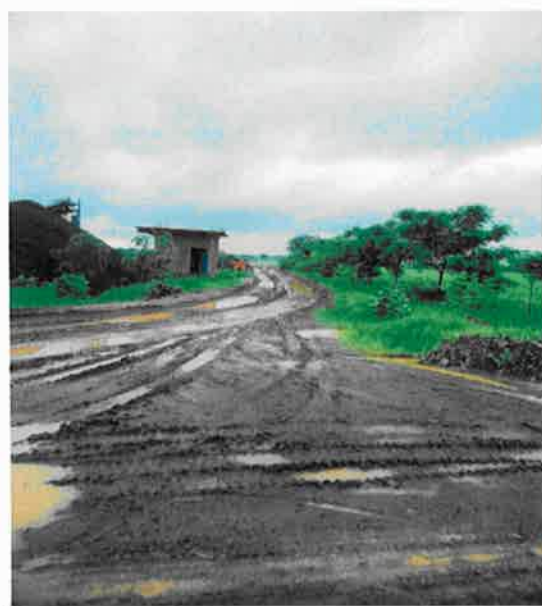
Block	Medical Officer		Health Inspector s	Nurse	Compounder	Others	Total
	Allopathic	Others					
Ujjain urban	73	11 RBSK AMO	0	350	28	217	679
Tazpur	9	04 RBSK AMO	0	12	4	91	120
Ghattiya	8	3 RBSK AMO	0	13	3	97	124
Tarana	18	5 RBSK AMO	0	18	6	154	201
Khachrod	14	3 RBSK AMO	0	34	6	177	234
Mahidpur	15	3 RBSK AMO	0	25	6	122	171
Badnagar	16	4 RBSK AMO	0	30	6	166	22
Total	153	33 RBSK AMO	0	482	59	1024	1751

Table: - Tuberculosis Patient's list of Ujjain District.

Sr. No.	Year	No. of Patient in Govt. Hospital	No of Patient In Private Hospital	No of Active Patient in Govt. & Private Hospital
1	2017	2476	455	0
2	2018	3528	361	0
3	2019	4295	1118	0
4	2020	2983	1123	10
5	2021	2782	1463	167

❖ No Any Silicosis Patient's Found in District Ujjain.

27. PLANTATION AND GREEN BELT DEVELOPMENT IN RESPECT OF LEASES ALREADY GRANTED IN THE DISTRICT:-



25. Other Informations :-

- As for as present scenerio is concern, due to not getting successful E-Auction. There is no working sand Auction Quarry in the district.
- Only 52 pre identified Sand Quarry areas are listing here in DSR, there is no new proposed area till now. If any new area will be identified then proposal will be added.
- District Ujjain is totally depend on other districts/states having a good quality sand and therefore a large portion of demand of Sand is covered by the Sand supply coming from the out side area of the district.
- Due to insufficient availability of good quality Sand, the demand and uses of M-Sand (Crusher based Sand) in district Ujjain is increasing day by day.

*******THANK YOU*******


State Level Environment Impact
Assessment Authority, M.P.
(EIA) 
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: 1632/SEIAA/2022
Date: 23/9/22

प्रति,

कलेक्टर

जिला - उज्जैन (म.प्र.)

विषय: नवीन जिला सर्वेक्षण रिपोर्ट - उज्जैन -(गौण एवं रेत खनिज)

संदर्भ: आपका पत्र क्र. 1538, दिनांक 07.09.2022।

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

राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (SEAC) की 593वीं बैठक दिनांक 07/09/2022 में जिला उज्जैन की जिला सर्वेक्षण रिपोर्ट में निम्नानुसार सुझाव सहित अनुशंसा की गई है।

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

सदस्य सचिव SEAC के पत्र क्र. 262 दिनांक 12.09.2022 के माध्यम से उल्लेख किया गया है कि पत्रानुसार SEAC की 593वीं बैठक दिनांक 07/09/2022 में जिला उज्जैन की जिला सर्वेक्षण रिपोर्ट में रेत खनिज को छोड़कर अन्य गौण खनिज हेतु की गई अनुशंसा में त्रुटिवश रेत खनिज टंकित हो गया है। अतः अनुशंसा के दृष्टिगत रेत खनिज के स्थान पर रेत खनिज को छोड़कर अन्य गौण खनिज पढ़ा जाये एवं अन्य शर्तें यथावत रहेगी को मान्य किया जाता है।

राज्य स्तरीय समाघात निर्धारण प्राधिकरण (SEIAA) द्वारा विस्तृत चर्चा एवं विचार विमर्श उपरांत SEAC की 593वीं बैठक दिनांक 07/09/2022 की अनुशंसा को मान्य करते हुए उज्जैन जिले की अद्यतन जिला सर्वेक्षण रिपोर्ट (रेत खनिज) का अनुमोदन SEAC द्वारा सुझाई गई उपरोक्त अनुशंसाओं के साथ किया जाता है। तदनुसार जिला कलेक्टर, उज्जैन 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।

(श्रीमन् शुक्ला)
सदस्य सचिव

क्र..

/SEIAA/2022 भोपाल

दिनांक

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।

सदस्य सचिव

35. जिला सर्वेक्षण रिपोर्ट, जिला - उज्जैन - (गौण एवं 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 593वीं बैठक दिनांक 07/09/2022 में जिला उज्जैन की जिला सर्वेक्षण रिपोर्ट में निम्नानुसार सुझाव सहित अनुशंसा की गई है।

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

सदस्य सचिव SEAC के पत्र क्र. 262 दिनांक 12.09.2022 के माध्यम से उल्लेख किया गया है कि पत्रानुसार SEAC की 593वीं बैठक दिनांक 07/09/2022 में जिला उज्जैन की जिला सर्वेक्षण रिपोर्ट में रेत खनिज को छोड़कर अन्य गौण खनिज हेतु की गई अनुशंसा में त्रुटिवश रेत खनिज टंकित हो गया है। अतः अनुशंसा के दृष्टिगत रेत खनिज के स्थान पर रेत खनिज को छोड़कर अन्य गौण खनिज पढ़ा जाये एवं अन्य शर्तें यथावत रहेगी को मान्य किया जाता है।

राज्य स्तरीय समाघात निर्धारण प्राधिकरण (SEIAA) द्वारा विस्तृत चर्चा एवं विचार विमर्श उपरांत SEAC की 593वीं बैठक दिनांक 07/09/2022 की अनुशंसा को मान्य करते हुए उज्जैन जिले की अद्यतन जिला सर्वेक्षण रिपोर्ट (रेत खनिज) का अनुमोदन SEAC द्वारा सुझाई गई उपरोक्त अनुशंसाओं के साथ किया जाता है।

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

36. जिला सर्वेक्षण रिपोर्ट, जिला - विदिशा - (गौण एवं रेत खनिज)


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

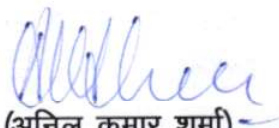
राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (SEAC) की 592वीं बैठक दिनांक 06/09/2022 में जिला विदिशा की जिला सर्वेक्षण रिपोर्ट में निम्नानुसार सुझाव सहित अनुशंसा की गई है।

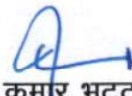
अ. गौण खनिज,

1. तलिका क्र०. - 9 पेज क्र०. 22-40 में दर्शित डेटा 16 बिन्दुओं की जानकारी अधिसूचना के अनुसार नहीं है जैसे -
2. Mining lease Sanction Order No. & date,
3. Captive or Non-captive,
4. EC obtained Yes/No
5. Method of Mining (Open Cast/Under Ground) etc.
6. जिला सर्वेक्षण रिपोर्ट के बिन्दु क्र०. 24 के अन्तर्गत प्रदाय की गयी तालिका पेज न०. 102-115 में लीजवार वृक्षों की संख्या प्रदाय की गयी है।

ब. रेत खनिज


(श्रीमन् शुक्ला)
सदस्य सचिव


(अनिल कुमार शर्मा)
सदस्य


(अरुण कुमार भट्ट)
अध्यक्ष

593वीं राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की बैठक दिनांक 07 सितम्बर 2022

राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण की बैठक क्रमांक 739 दिनांक 29/07/22 तथा बैठक क्रमांक 740 दिनांक 30/07/22 में लिए गए निर्णय अनुसार प्रकरणों में सेक द्वारा अपनाई जा रही ऑफलाईन प्रक्रिया से वे सहमत नहीं थे, अतः उपरोक्त सभी प्रकरणों में सेक द्वारा वांछित जानकारी एडीएस के माध्यम से परिवेश पोर्टल पर अपलोड कराई जाये ।

सेक की 588वीं बैठक दिनांक 16/08/22 में सिया से प्राप्त उपरोक्त निर्देशों के परिप्रेक्ष्य में समिति द्वारा निधारित किया गया कि उपरोक्त सभी प्रकरणों एवं अन्य ऐसे अन्य प्रकरणों में भी परिवेश पोर्टल पर ऑनलाईन जानकारी प्रस्तुत करने बावत् सेक द्वारा एडीएस जारी किया जाये। उक्त निर्देशानुसार परियोजना प्रस्तावक को परिवेश पोर्टल पर दिनांक 23/08/22 को ए.डी.एस. जारी किया गया, जिसके संदर्भ में परियोजना प्रस्तावक द्वारा उपरोक्त उल्लेखित जानकारी को परिवेश पोर्टल पर ऑनलाईन दिनांक 23/08/22 को अपलोड कर दिया गया है ।

प्रकरण सेक की 591वीं बैठक दिनांक 27/08/22 को समिति के समक्ष रखा गया । परियोजना प्रस्तावक ने ऑनलाईन पुरानी जिला सर्वेक्षण रिपोर्ट अपलोड की गई है, जिसमें इस खदान का विवरण दर्ज नहीं है । कार्यालय कलेक्टर (खनिज शाखा) जिला सतना के पत्र पत्र दिनांक 23/10/22 में लेख किया है कि उक्त उत्खनिपट्टा में सभी प्रक्रिया पूर्ण (उत्खनिपट्टा संचालन) हो जाने के उपरान्त नवीन जिला सर्वेक्षण रिपोर्ट उत्खनिपट्टे को सम्मिलित कर लिया जायेगा।

प्रस्तावक द्वारा परिवेश पोर्टल पर ऑनलाईन दिनांक 23/08/22 को अपलोड की गई है, जो अपूर्ण है, अतः इस प्रकरण में सेक की 584वीं बैठक दिनांक 05/07/22 में प्रस्तुत ऑफलाईन जानकारी को प्रस्तुत करने हेतु परियोजना प्रस्तावक को पुनः ए.डी.एस. जारी किया जाये ।

समिति द्वारा परियोजना प्रस्तावक को परिवेश पोर्टल पर पुनः प्रस्तुत करने हेतु दिनांक 30/08/22 को ए.डी.एस. जारी किया गया, जिसके संदर्भ में परियोजना प्रस्तावक द्वारा उपरोक्त उल्लेखित जानकारी को परिवेश पोर्टल पर ऑनलाईन दिनांक 01/09/22 को अपलोड कर दिया गया है।

प्रकरण आज दिनांक 07/09/22 को समिति के समक्ष रखा गया । समिति ने चर्चा कर निर्णय लिया कि चूँकि प्रकरण सेक की पूर्व की 584वीं बैठक दिनांक 19/05/22 में पर्यावरणीय अभिस्वीकृति हेतु अनुशंसा की जा चुकी है, अतः पूर्व की अनुशंसानुसार से सहमत होते हुए प्रकरण सिया को प्रेषित किया जाये ।

9. जिला सर्वेक्षण रिपोर्ट, उज्जैन

अ. रेत खनिज, जिला उज्जैन -

Mineral	Sand
Earlier DSR Discussed	SEAC 591 st & 592 th Meeting dated 27.08.2022 & 05.09.2022.
Approved /or recommend for Updation (if Updation	Recommended for DSR Updation (Sand Mineral)

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then elaborate issues)	
Deliberation in the SEAC 591st & 592th Meeting dated 27.08.2022 & 05.09.2022.	<p>राज्य स्तरीय मूल्यांकन समिति की 591 वीं बैठक दिनांक 27/08/22</p> <p>दिनांक 27/8/22 को जिला सर्वेक्षण रिपोर्टों के प्रस्तुतीकरण के दौरान संचालनालय, भौमिकी एवं खनिकर्म, विभाग भोपाल से श्री पी.पी. राय एवं श्री महेन्द्र पटेल, खनिज अधिकारी उपस्थित रहे। नवीन जिला सर्वेक्षण रिपोर्ट गौण खनिज हेतु प्रस्तुत की गई, जिसमें पाया :-</p> <ol style="list-style-type: none"> 1. जिला सर्वेक्षण रिपोर्ट की तालिका में खनिज रेत हेतु लीजवार " माइनेबल मिनरल पोटेन्शियल " (घनमीटर में) (60% टोटल मिनरल पोटेन्शियल) लीजवार (लम्बाई एवं चौड़ाई के साथ) नहीं दिया गया है जो दिया जाना आवश्यक है। 2. विगत 03 वर्षों के उत्खनित रेत की मात्रा का लीजवार पोटेन्शियल नहीं दिया गया है। जिससे ज्ञात हो सके कि उस स्थल पर खदान का मिनरल पोटेन्शियल विगत 03 वर्षों में कितना रहा। 3. मिनरल पोटेन्शियल की गणना दर्शाने वाली टेबल में आवश्यक संशोधन कर रेत की 60 प्रतिशत माइनेबल पोटेन्शियल (रेत खनन हेतु) मीट्रिक टन यूनिट में भी दर्शाये। 4. इसी प्रकार जिले में स्वीकृत/प्रस्तावित खदानों (रेत खदानों एवं गौण खनिज) के Coordinate में लीजवार डिजिटाइज्ड (आर्क व्यू/गूगल अर्थ कम्पटेबल) सी.डी. में संलग्न किया जाये ताकि पर्यावरण अभिस्वीकृति के समय खदानों की सही स्थिति ज्ञात करने में तथा 500 मी. के अंदर अन्य स्थित अन्य खदानों की जानकारी प्राप्त करने में सुविधा हो। <p>चर्चा उपरांत समिति की यह अनुशंसा है कि उज्जैन जिले की जिला सर्वेक्षण रिपोर्ट गौण खनिज एवं रेत खनिज को समिति की सुझाई गयी उपरोक्त अनुशंसाओं के तारतम्य में अद्यतन (अपडेट) किया जाये तथा संशोधित जिला सर्वेक्षण रिपोर्ट पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय की अधिसूचना दिनांक 25/07/18 के अनुसार पुनः प्रस्तुत की जावे तत्संबंध में उपस्थित खनिज अधिकारी श्री महेन्द्र पटेल को भी उपरोक्त संदर्भ में समझाईश दी गयी।</p> <p>राज्य स्तरीय मूल्यांकन समिति की 592 वीं बैठक दिनांक 05/09/22</p> <p>जिला सर्वेक्षण रिपोर्ट जिला- उज्जैन (रेत खनिज) श्री महेन्द्र पटेल, खनिज अधिकारी।</p> <p>उज्जैन जिले की नवीन जिला सर्वेक्षण रिपोर्ट रेत खनिज हेतु प्रस्तुत की गयी। उज्जैन जिले की जिला सर्वेक्षण राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति के परीक्षण हेतु भेजी गई है। तथा उस पर चर्चा राज्य स्तरीय मूल्यांकन समिति की 592 वीं बैठक दिनांक 06/09/22 में प्रस्तावित की गई।</p> <p>राज्य स्तरीय मूल्यांकन समिति की 592 वीं बैठक दिनांक 06/09/22 में उज्जैन जिले की जिला सर्वेक्षण रिपोर्ट पर चर्चा की गई जिसमें पाया गया कि:-</p> <ol style="list-style-type: none"> 1. पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली द्वारा जारी अधिसूचना दिनांक 25/07/2018 की अधिसूचना में निर्देशित की गयी तालिका नहीं तैयार की गयी है। रिपोर्ट में ली गई रेत की लीजवार लंबाई, चौड़ाई एवं गहराई संबंधी जानकारी नहीं दी गयी है। 2. रेत खनिज का लीजवार मिनरल पोटेन्शियल घन मी. एवं मी.टन में नहीं दिया गया है। 3. लीजवार 03 वर्षों का मिनरल पोटेन्शियल नहीं दर्शाया गया है। <p>चर्चा उपरांत समिति की यह अनुशंसा है कि उज्जैन जिले की जिला सर्वेक्षण रिपोर्ट 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।</p>
Revised DSR received from District Collectorate (Mining)	Received soft copy vide District Collectorate (Mining) Office, Ujjain , No. 1538 dated 07.09.2022
Hard Copy Soft Copy or both	Hard copy & Soft copy.

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SEAC meeting dated 07/09/22

- समिति ने चर्चा के दौरान पाया कि जिला सर्वेक्षण रिपोर्ट में पेज न0. 13-18 में दर्शित तालिका में माइनेबल मिनरल पोटेन्शियल (घनमीटर में) 60% टोटल मिनरल पोटेन्शियल, लीजवार, लंबाई, चौड़ाई एवं गहराई के साथ दर्शाया है एवं विगत 03 वर्षों के उत्खनित रेत की मात्रा का लीजवार पोटेन्शियल दिया गया है जिससे ज्ञात हो सके कि उस स्थल पर खदान का मिनरल पोटेन्शियल विगत वर्षों में कितना रहा।
- मिनरल पोटेन्शियल की गणना दर्शाने वाली टेबल में आवश्यक संशोधन कर रेत की 60 प्रतिशत माइनेबल पोटेन्शियल (रेत खनन हेतु) मीट्रिक टन यूनिट में प्रस्तुत कर दी गई है मिनरल पोटेन्शियल की गणना दर्शाने वाली टेबल में आवश्यक संशोधन कर रेत की 60 प्रतिशत माइनेबल पोटेन्शियल (रेत खनन हेतु) मीट्रिक टन यूनिट में प्रस्तुत कर दी गई है।
- खदानों की गहराई डेसीमल के 2 से 3 भाग तक दी गई है जिसके अनुसार खनन कार्य किया जाना संभव प्रतीत नहीं होता है, अतः इसे पुनरीक्षित किया जाये। उपस्थित खनिज अधिकारी ने बताया कि वे आज ही पुनरीक्षित कर प्रस्तुत कर देंगे। अतः कल की बैठक दिनांक 07/09/22 के दौरान प्रस्तुतीकरण करने की अनुमति प्रदान करें। समिति ने चर्चा कर निर्णय लिया कि इस प्रकरण को 07/09/22 की निर्धारित बैठक में पुनः सुन लिया जाये।

आज दिनांक 07/09/22 को जिला सर्वेक्षण रिपोर्टों के प्रस्तुतीकरण के दौरान संचानालय, भौमिकी एवं खनिकर्म, विभाग भोपाल से श्री पी.पी. राय एवं श्री महेन्द्र पटेल, खनिज अधिकारी उपस्थित रहे।

समिति ने पाया कि उज्जैन जिले की जिला सर्वेक्षण रिपोर्ट को समिति द्वारा सुझाई गई विगत 03 वर्षों में उत्खनित रेत की खदानवार मात्रा भी पोटेन्शियल विगत 03 वर्षों में कितना रहा है भी दर्शाया गया है, खनि. अधिकारी, कार्यालय कलेक्टर, (खनिज शाखा) जिला- उज्जैन ने पत्र क्रमांक 1538. दिनांक 07/09/2022 के माध्यम से "माइनेबल मिनरल पोटेन्शियल" (घनमीटर में) (60 प्रतिशत टोटल मिनरल पोटेन्शियल) लीजवार विवरण की जानकारी भी प्रस्तुत कर दी गई है तथा मिनरल पोटेन्शियल की गणना दर्शाने वाली टेबल में आवश्यक संशोधन कर रेत की 60 प्रतिशत माइनेबल पोटेन्शियल (रेत खनन हेतु) मीट्रिक टन यूनिट में प्रस्तुत कर दी गई है।

समिति ने जिला सर्वेक्षण रिपोर्टों के प्रस्तुतीकरण एवं परीक्षण में पाया कि रेत की कई स्वीकृत खदानों में 60 प्रतिशत माइनेबल पोटेन्शियल तथा विगत 03 से 05 वर्षों के उत्पादन की मात्रा में 10 गुना से भी अधिक का अंतर है जिसके संदर्भ में उपस्थित खनन अधिकारियों द्वारा बताया गया कि विगत 02 से 03 वर्षों में कोविड महामारी, मांग कम होने इत्यादि के कारण कुछ खदानों से रेत की निकासी काफी कम हुई है जिस कारण यह अंतर परिलक्षित हो रहा है। समिति ने चर्चा उपरांत निर्णय लिया कि रेत खनन के ऐसे प्रकरण जहां 60 प्रतिशत माइनेबल पोटेन्शियल तथा विगत वर्ष के उत्पादन की मात्रा में 05 गुना या उससे से भी अधिक का अंतर है ऐसे सभी प्रकरणों में पर्यावरणीय अभिस्वीकृती हेतु प्रकरण ऑन लाईन प्रस्तुत करते समय उनकी अनुमोदित खनन योजना में उस स्थल की सारगर्भित रिप्लेनिशमेंट स्टडी प्रस्तुत की जाये तथा 60 प्रतिशत माइनेबल पोटेन्शियल के विरुद्ध 05 गुना या उससे से भी अधिक रेत की मात्रा के अंतर का औचित्य दर्शाया जाये।

समिति की यह भी अनुशंसा है कि जिला स्तर पर जिला सर्वेक्षण रिपोर्ट तैयार करने हेतु गठित जिला समिति की अनुशंसा तथा की गई रिप्लेनिशमेंट स्टडी की जानकारी (जिसके आधार पर जिला सर्वेक्षण रिपोर्ट तैयार की गई हैं) संबंधित जिला खनिज अधिकारी कार्यालय में सुरक्षित रखी जाये। अतः समिति द्वारा सुझाई गई उपरोक्त अनुशंसाओं के साथ उज्जैन जिले की जिला सर्वेक्षण रिपोर्ट (रेत खनिज)

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अनुमोदन हेतु विचारार्थ एवं आगामी कार्यवाही हेतु राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण की ओर प्रेषित किया जाये।

ब. रेत खनिज को छोड़कर अन्य गौण खनिज, जिला उज्जैन –

Mineral	Sand
Earlier DSR Discussed	SEAC 591 st & 592 th Meeting dated 27.08.2022 & 05.09.2022.
Approved /or recommend for Updation (if Updation then elaborate issues)	Recommended for DSR Updation (Minor Mineral)
Deliberation in the SEAC 591 st & 592 th Meeting dated 27.08.2022 & 05.09.2022.	<p>राज्य स्तरीय मूल्यांकन समिति की 591 वीं बैठक दिनांक 27/08/22</p> <p>अ. गौण खनिज, जिला उज्जैन –</p> <p>दिनांक 27/8/22 को जिला सर्वेक्षण रिपोर्टों के प्रस्तुतीकरण के दौरान संचानालय, भौमिकी एवं खनिकर्म, विभाग भोपाल से श्री पी.पी. राय एवं श्री महेन्द्र पटेल, खनिज अधिकारी उपस्थित रहे। नवीन जिला सर्वेक्षण रिपोर्ट गौण खनिज हेतु प्रस्तुत की गई, जिसमें पाया :-</p> <ol style="list-style-type: none"> 1. प्रस्तुत संशोधित जिला सर्वेक्षण रिपोर्ट पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय की अधिसूचना दिनांक 25/07/18 में जानकारी निर्धारित फार्मेट (16 बिन्दुओं वाली टेबल) के अनुसार नहीं दी गयी है (तालिका –13 पेज 28–53)। 2. पिछले तीन वर्ष के दौरान उत्पादन किये गौण खनिज का ब्यौरा नहीं दिया गया है। 1. उज्जैन जिले में हरित क्षेत्र के विकास हेतु पूर्व के वर्षों में लीज धारकों द्वारा किये गये वृक्षारोपण की जानकारी, संख्या, प्रजातियों की जानकारी को लीज-वार जिसमें यह दर्शाया गया हो कि निर्धारित लक्ष्य के विरुद्ध कितना पौधारोपण किया गया है। इसको भी सम्मिलित करें। <p>राज्य स्तरीय मूल्यांकन समिति की 592 वीं बैठक दिनांक 05/09/22</p> <p>जिला सर्वेक्षण रिपोर्ट जिला- उज्जैन (गौण खनिज)</p> <p>उज्जैन जिले की नवीन जिला सर्वेक्षण रिपोर्ट रेत खनिज हेतु प्रस्तुत की गयी। उज्जैन जिले की जिला सर्वेक्षण राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति के परीक्षण हेतु भेजी गई है। तथा उस पर चर्चा राज्य स्तरीय मूल्यांकन समिति की 592 वीं बैठक दिनांक 06/09/22 में प्रस्तावित की गई।</p> <p>राज्य स्तरीय मूल्यांकन समिति की 592 वीं बैठक दिनांक 06/09/22 में उज्जैन जिले की जिला सर्वेक्षण रिपोर्ट पर चर्चा की गई जिसमें पाया गया कि:-</p> <ol style="list-style-type: none"> 1. जिला सर्वेक्षण रिपोर्ट की तालिका-13 (पेज क्रमांक-29 से 55) की जानकारी निर्धारित प्रपत्र में नहीं है। 2. जिला सर्वेक्षण रिपोर्ट में हरित क्षेत्र के विकास खदानों में निर्धारित लक्ष्य के विरुद्ध किए गए वृक्षारोपण की जानकारी नहीं दी गई है
Revised DSR received from District Collectorate (Mining)	Received hard copy & soft copy vide District Collectorate (Mining) Office, Ujjain , No. 1538 dated 07.09.2022.
Hard Copy Soft Copy or	Hard copy & Soft copy.

593वीं राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति की बैठक दिनांक 07 सितम्बर 2022

both	
SEAC meeting dated 07/09/22	<ul style="list-style-type: none"> ● जिले की जिला सर्वेक्षण रिपोर्ट के टेबिल क्रमांक-13.1 (पेज क्र0. 63 से 114) में खदान की जानकारी (16 बिन्दुओं वाली टेबल) निर्धारित प्रपत्र में दे दी गई है। ● जिले में हरित क्षेत्र के विकास हेतु पूर्व के वर्षों में लीज धारकों द्वारा किये गये वृक्षारोपण की जानकारी, संख्या एवं प्रजातियों की जानकारी (Table 13) पेज क्र0. 28 से 62 में दी गई है एवं वृक्षारोपण में फोटोग्राफ्स का भी समावेश किया गया है।

आज दिनांक 07/09/22 को जिला सर्वेक्षण रिपोर्टों के प्रस्तुतीकरण के दौरान संचानालय, भौमिकी एवं खनिकर्म, विभाग भोपाल से श्री पी.पी. राय एवं श्री महेन्द्र पटेल, खनिज अधिकारी उपस्थित रहे ।

खनि. अधिकारी,कार्यालय कलेक्टर,(खनिज शाखा) जिला- उज्जैन के पत्र क्र0 1538,दिनांक 07/09/22 के माध्यम लीज धारकों द्वारा किये गये वृक्षारोपण की जानकारी, संख्या, पौधों की प्रजातियों की खदानवार मात्रा, जानकारी भी प्रस्तुत कर दी गई है। अतः समिति द्वारा सुझाव गई उपरोक्त अनुशंसाओं के साथ उज्जैन 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।

(ए.ए. मिश्रा)
सदस्य सचिव

(डॉ. पी.सी. दुबे)
अध्यक्ष