

# **EXECUTIVE SUMMARY OF DRAFT EIA REPORT**

**FOR**

*Environmental Clearance for “Ghodari Farshipatthar / Limestone Mining Projects”  
Comprising 5 numbers of Mine Applicant within 58.43 hect. of Cluster Area Situated at  
Village Barbaspur & Ghodari, Tahsil & District Mahasamund ( C.G.)*

**Project Proponent : Deeraj Kohali, Akhilesh Chandrakar, Rajendra Chandrakar,  
Lakhan Lal Koshariya, Dineshwar Chandrakar**

## **ENVIRONMENTAL CONSULTANT**



Environmental Consultancy & Laboratory  
(Lab. Gazetted by MoEF-Govt. of India)

**M/s. ULTRA-TECH  
ENVIRONMENTAL LABORATORY AND CONSULTANCY**

**NABET Accredited EIA Consulting Organization  
NABET Accreditation Number: NABET/EIA/2023/RA019-Rev 01**

**Valid Upto – 18 Oct. 2024**

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## EXECUTIVE SUMMARY

### 1.1 Introduction

The propose & Existing Farshi Pathar / Limestone Mine mineral project of 34.64 ha situated near Village- Barbaspur & Ghodhari , Tehsil- Mahasamund, District – Mahasamund, State- Chhattisgarh.

As all the applied mining leases of Barbaspur & Ghodari Farshipatthar / Limestone cluster having total area 34.64 hect ( 52 mines in Barbaspur & Ghodari – 31.23 hect + 5 mines in Ghodari - 3.41) area and cluster area including these applied mines is 58.43 hect, therefore the project is categorized as “B1”, and thus requiring prior environmental clearance from the State Environmental Impact Assessment Authority (SEIAA) / State Expert Appraisal Committee (SEAC) Chhattisgarh. TOR issued in favour of project proponent whose details as follow:

SN	Name of the Applicant	TOR Number & Date
1	Archana Chandrakar	1026/ S.E.A.C.,C.G./Mine/1981 Nawa Raipur Atal Nagar, Dated 27/09/2022
2	Jhhalaram Chandrakar	22/ S.E.A.C.,C.G./Mine/2197 Nawa Raipur Atal Nagar, Dated 03/04/2023
3	Kesar Ganga Stone Industries (Prop. - Dilip Talreja)	2726/ S.E.A.C.,C.G./Mine/1956 Nawa Raipur Atal Nagar, Dated 23/03/2023
4	Anupama Ratre	1230/ S.E.A.C.,C.G./Mine/2002 Nawa Raipur Atal Nagar, Dated 31/10/2022
5	Archana Chandrakar	1028/ S.E.A.C.,C.G./Mine/ 1989 Nawa Raipur Atal Nagar, Dated 27/09/2022
6	Shanu Gupta	1211/ S.E.A.C.,C.G./Mine/2000 Nawa Raipur Atal Nagar, Dated 31/10/2022
7	Hemant Chandrakar	2768/ S.E.A.C.,C.G./Mine/2184 Nawa Raipur Atal Nagar, Dated 24/03/2023
8	Jhhalaram Chandrakar	1568/ S.E.A.C.,C.G./Mine/ 2032 Nawa Raipur Atal Nagar, Dated 08/12/2022
9	Jhhalaram Chandrakar	1553/ S.E.A.C.,C.G./Mine/ 2041 Nawa Raipur Atal Nagar, Dated 08/12/2022
10	Dilip Kumar Agrawal	37/ S.E.A.C.,C.G./Mine/ 1833 Nawa Raipur Atal Nagar, Dated 03/04/2023
11	Vijay Kumar Chandrakar	1020/ S.E.A.C., C.G./Mine/1987 Nawa Raipur Atal Nagar, Dated 27/09/2022
12	Jagdish Stone Industrie (Prop. – Smt. Chanda Tawri)	10/ S.E.A.C.,C.G./Mine/ 2200 Nawa Raipur Atal Nagar, Dated 03/04/2023
13	Indrasen Bhandekar	1750/ S.E.A.C., C.G./Mine/ 1825 Nawa Raipur Atal Nagar, Dated 21/12/2022
14	Kundan Parmar	1748/ S.E.A.C., C.G./Mine/ 1826 Nawa Raipur Atal Nagar, Dated 21/12/2022
15	Leelaram Chaudhari	2505/ S.E.A.C.,C.G./Mine/2143 Nawa Raipur Atal Nagar, Dated 01/03/2023
16	Om Prakash Chandrakar	852/ S.E.A.C.,C.G./Mine/1946 Nawa Raipur Atal Nagar, Dated 26/08/2022
17	Ajay farshi Udyog (Prop. - Kunwar Ajay Sahu )	1267/ S.E.A.C.,C.G./Mine/2007 Nawa Raipur Atal Nagar, Dated 03/11/2022
18	Hemin Bai Markendey	2723/ S.E.A.C.,C.G./Mine/2146 Nawa Raipur Atal Nagar, Dated 23/03/2023
19	Hirendra Sahu	01/ S.E.A.C.,C.G./Mine/ 2199 Nawa Raipur Atal Nagar, Dated 03/04/2023
20	Chandrahas Chandrakar	2765/ S.E.A.C.,C.G./Mine/1998 Nawa Raipur Atal Nagar, Dated 24/03/2023
21	Arihant Tiles (Prop. - Manish Kothari)	1219/ S.E.A.C.,C.G./Mine/2001 Nawa Raipur Atal Nagar, Dated 31/10/2022
22	Arihant Tiles (Prop. - Manish Kothari)	1213/ S.E.A.C.,C.G./Mine/2006 Nawa Raipur Atal Nagar, Dated 31/10/2022

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SN	Name of the Applicant	TOR Number & Date
23	Dheeraj Kumar Kohali	1544/ S.E.A.C.,C.G./Mine/2019 Nawa Raipur Atal Nagar, Dated 08/12/2022
24	Shankar Lal Chandrakar	1629/ S.E.A.C.,C.G./Mine/2020 Nawa Raipur Atal Nagar, Dated 09/12/2022
25	Chandrashekhkar Chandrakar	1559/ S.E.A.C.,C.G./Mine/ 2023 Nawa Raipur Atal Nagar, Dated 08/12/2022
26	Akhilesh Chandrakar	854/ S.E.A.C.,C.G./Mine/1945 Nawa Raipur Atal Nagar, Dated 26/08/2022
27	Mahendra Pratap Sonwani	1556/ S.E.A.C.,C.G./Mine/ 2024 Nawa Raipur Atal Nagar, Dated 08/12/2022
28	Devanand Chandrakar	13/ S.E.A.C.,C.G./Mine/2198 Nawa Raipur Atal Nagar, Dated 03/04/2023
29	Ramanuj Chandrakar	1562/ S.E.A.C.,C.G./Mine/ 2035 Nawa Raipur Atal Nagar, Dated 08/12/2022
30	Balmukund Chandrakar	07/ S.E.A.C.,C.G./Mine/ 1831 Nawa Raipur Atal Nagar, Dated 03/04/2023
31	Satan Kumar Parmar	2275/ S.E.A.C.,C.G./Mine/ 1823 Nawa Raipur Atal Nagar, Dated 13/02/2023
32	Somesh Parmar	2272/ S.E.A.C.,C.G./Mine/ 1824 Nawa Raipur Atal Nagar, Dated 13/02/2023
33	Rajendra Chandrakar	1222/S.E.A.C.,C.G./Mine/1943 Nawa Raipur Atal Nagar, Dated 31/10/2022
34	Rajendra Chandrakar	1031/S.E.A.C.,C.G./Mine/ 1988 Nawa Raipur Atal Nagar, Dated 27/09/2022
35	Santosh Yadav	1023/S.E.A.C.,C.G./Mine/1985 Nawa Raipur Atal Nagar, Dated 27/09/2022
36	Mahendra Kumar Sahu	1547/S.E.A.C.,C.G./Mine/2031 Nawa Raipur Atal Nagar, Dated 08/12/2022
37	Lakhan Lal Koshriya	31/ S.E.A.C.,C.G./Mine/2202 Nawa Raipur Atal Nagar, Dated 03/04/2023
38	Amit Kumar Wasnik	1216/ S.E.A.C.,C.G./Mine/ 2013 Nawa Raipur Atal Nagar, Dated 31/10/2022
39	Ajay Chandrakar	1745/ S.E.A.C.,C.G./Mine/ 2052 Nawa Raipur Atal Nagar, Dated 21/12/2022
40	Ganesh Ram Chandrakar	1224/ S.E.A.C.,C.G./Mine/ 2012 Nawa Raipur Atal Nagar, Dated 31/10/2022
41	Milan Nishad	2729/ S.E.A.C.,C.G./Mine/ 2145 Nawa Raipur Atal Nagar, Dated 23/03/2023
42	Rajesh Chandrakar	2771/ S.E.A.C.,C.G./Mine/ 1992 Nawa Raipur Atal Nagar, Dated 24/03/2023
43	Dular Ram Parmar	25/ S.E.A.C.,C.G./Mine/2206 Nawa Raipur Atal Nagar, Dated 03/04/2023
44	Manoj Kumar Chandrakar	28/ S.E.A.C.,C.G./Mine/1828 Nawa Raipur Atal Nagar, Dated 03/04/2023
45	Ashok Sahu	1565/ S.E.A.C.,C.G./Mine/2018 Nawa Raipur Atal Nagar, Dated 08/12/2022
46	Suresh Chandrakar	2278/ S.E.A.C.,C.G./Mine/1827 Nawa Raipur Atal Nagar, Dated 13/02/2023
47	Leeladhar Chandrakar	2508/ S.E.A.C.,C.G./Mine/2144 Nawa Raipur Atal Nagar, Dated 01/03/2023
48	Balmukund Chandrakar	04/ S.E.A.C.,C.G./Mine/ 1829 Nawa Raipur Atal Nagar, Dated 03/04/2023
49	Sitaram Kenwat	40/ S.E.A.C.,C.G./Mine/2201 Nawa Raipur Atal Nagar, Dated 03/04/2023
50	Ramanuj Chandrakar	1743/ S.E.A.C.,C.G./Mine/2075 Nawa Raipur Atal Nagar, Dated 21/12/2022
51	Khemplal Chandrakar	19/ S.E.A.C.,C.G./Mine/1830 Nawa Raipur Atal Nagar, Dated 03/04/2023
52	Indrasen Bhandekar	65/ S.E.A.C.,C.G./Mine/1821 Nawa Raipur Atal Nagar, Dated 03/04/2023
53	Sushil Jangde	2269/ S.E.A.C.,C.G./Mine/ 2108 Nawa Raipur Atal Nagar, Dated 13/02/2023
54	Dineshwar Chandrakar	34/ S.E.A.C.,C.G./Mine/2204 Nawa Raipur Atal Nagar, Dated 03/04/2023
55	Subhadra Devi	2762/ S.E.A.C.,C.G./Mine/ 2147 Nawa Raipur Atal Nagar, Dated 24/03/2023
56	Khadan Kamgaar Samiti (President -Nathuram Banjare)	43/ S.E.A.C.,C.G./Mine/2203 Nawa Raipur Atal Nagar, Dated 03/04/2023
57	Lalit Kumar Chandrakar	16/ S.E.A.C.,C.G./Mine/ 1832 Nawa Raipur Atal Nagar, Dated 03/04/2023

**Draft EIA Report for Barbaspur&Ghodhari Farshi Pathar Mine at Village-Barbaspur&Ghodhari Tehsil-Mahasamund, District –Mahasamund, State- Chattishgarh .**

This mining project comes under Category 'B1' (Cluster situation) Project or activity 1(a) as per EIA Notifications 2006, and its subsequent amendments and will be appraised at SEAC, Chattisgarh. The lease is falling in the cluster as per 15th January 2016 EIA Notification of MoEF&CC and NGT order dated 13th September 2018.

A total of 95 Farshi Patthar stone quarries are located in village Barbaspur, Ghodari and Mudhena tehsils and district Mahasamund cluster area, whose total area is 58.43 hectares.

The National Highway and Railway line passes through the middle of village Ghodari. Thus, 70 mines (total area 40.60 hectare) are located in village Barbaspur and village Ghodari area, north of the National Highway, and 25 mines (total area 17.83 hectare) are located in village Ghodari and Mudhena area, south of the highway. The distance between the two areas is only 660 meters.

During the E.I.A study, the buffer zone of both the areas is overlapping with each other, and the mines of village Ghodari are located on both sides of the road.

Therefore, all the PP's were requested that before SEAC to give permission to joint study and to prepare combined EIA report and conduct the public hearing on the basis of joint EIA, keeping all the 95 mines (total area 58.43 hectare) in a cluster located in villages Barbaspur, Ghodari and Mudhena. Honourable S.E.A.C. accepted the request and issued TOR for joint EIA Study.

Therefore, for 52 mines coming in village Barbaspur and Ghodari and 5 mines coming in village Ghodari jointly E.I.A. study is conducted and joint EIA report has been prepared while studying. And for this, taking up to 10 km from the end of the last mine in all four directions in the cluster, the study area/buffer zone for E.I.A. Study has taken.



The graphical representation of 95 mines falling in the cluster area is as follows -

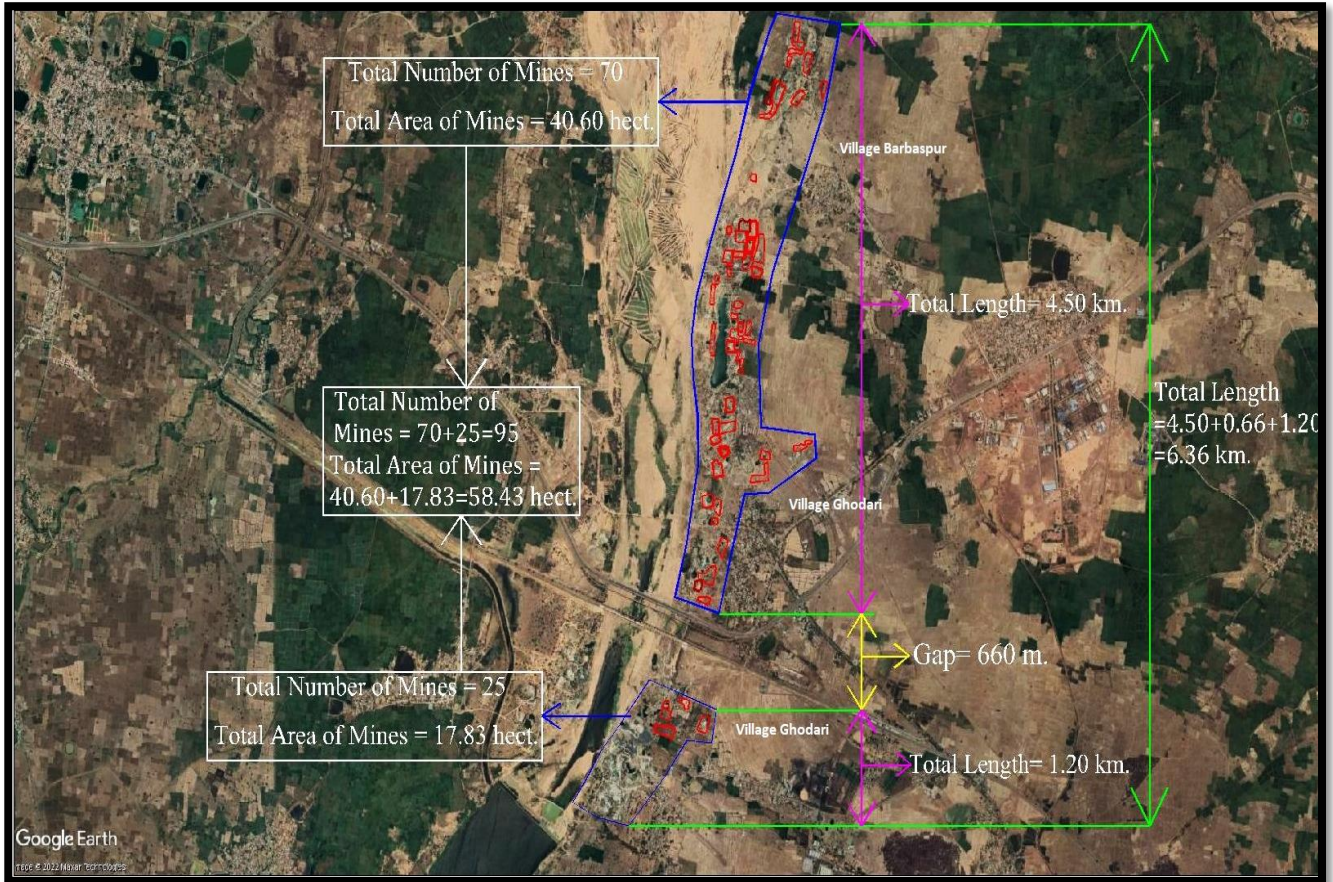


Figure 1.1: Cluster map on google image of Barbaspur & Ghodari Cluster Area

Summary			
SN	Particulars of Mines		Area in Hect.
1	Cluster Area of Village Barbaspur & Ghodari which includes 70 mines situated at Northern region from National Highway	=	40.60 hect
2	Cluster Area of Village Ghodari & Barbaspur which includes 25 mines situated at Southern region from National Highway	=	17.83 hect
<b>Total Area of all Mines of Flagstone ( 1+2) (Total 95 Mines)</b>		<b>=</b>	<b>58.43 hect</b>

## Cluster Certificate of village Barbaspur Ghodhari and Mudhena

### कार्यालय कलेक्टर (खनिज शाखा) जिला महासमुन्द, छत्तीसगढ़ प्रमाण पत्र

प्रमाणित किया जाता है कि खदान कामगार समिति अध्यक्ष श्री नाथूराम बंजारे को ग्राम घोड़ारी ग्राम पंचायत घोड़ारी के खसरा नं. 223 कुल रकबा 0.46 हे० क्षेत्र में गौण खनिज चूनापत्थर का उत्खनि पट्टा अवधि दिनांक 17.11.1997 से 16.11.2027 तक स्वीकृत है। उक्त स्वीकृत खदान क्षेत्र से 500 मी. के परिधी के कलस्टर में स्वीकृत अन्य फर्शीपत्थर/ चूनापत्थर खदानों का विवरण निम्नानुसार है:-

स.क्र	पट्टेदार का नाम व पता	ग्राम एवं तहसील		खसरा नंबर	रकबा (हे०में)	खनिज का नाम	स्वीकृत अवधि
1	2	3	4	5	6	7	8
1	श्रीमती शानू गुप्ता पति श्री विजय गुप्ता	घोड़ारी	महासमुंद	74/2	0.83	फर्शीपत्थर	22.02.2011 से 21.02.2041
2	श्री दिलीप कुमार आ. श्री मनमोहन अग्रवाल	घोड़ारी	महासमुंद	10	1.04	चूनापत्थर	22.07.1997 से 21.07.2027
3	श्री संदीप साहू आ० श्री हरख राम साहू	घोड़ारी	महासमुंद	10,11,13	0.16	फर्शीपत्थर	28.03.2016 से 27.03.2036
4	श्री अशोक साहू	घोड़ारी	महासमुंद	10	0.15	फर्शीपत्थर	20.05.2009 से 19.05.2039
5	श्री अरुण कुमार कोसले आ० श्री पांडेराम	घोड़ारी	महासमुंद	10	0.16	फर्शीपत्थर	27.02.2009 से 26.02.2039
6	श्री सोमेश दवे आ० श्री जी.एस. दवे	घोड़ारी	महासमुंद	9,10	0.59	फर्शीपत्थर	23.09.2011 से 22.09.2041
7	श्री शिव कु. रात्रे आ. स्व. श्री सुकुल रात्रे	घोड़ारी	महासमुंद	31	0.80	फर्शीपत्थर	26.08.2013 से 25.08.2043
8	श्री सुशील जांगडे आ.श्री रामरतन जांगडे	घोड़ारी	महासमुंद	87/2 ,88/2	0.34	फर्शीपत्थर	28.01.2014 से 27.01.2044
9	श्री महेन्द कुमार साहू आ० श्री सुखदेव साहू	घोड़ारी	महासमुंद	10	0.58	फर्शीपत्थर	01.03.2006 से 29.02.2036
10	श्री अमित कुमार वासनिक आ. श्री रामचन्द्र वासनिक	घोड़ारी	महासमुंद	31	0.90	फर्शीपत्थर	29.05.2006 से 28.05.2036
11	श्री सुशील जांगडे आ.श्री रामरतन जांगडे	घोड़ारी	महासमुंद	10	0.90	फर्शीपत्थर	24.11.2005 से 23.11.2035
12	अरिहंत टाईल्स	घोड़ारी	महासमुंद	10	0.48	चूनापत्थर	12.10.2010 से 11.10.2040
13	श्रीमती निर्मला बंजारे पति श्री नारायण बंजारे	घोड़ारी	महासमुंद	23	0.50	फर्शीपत्थर	16.04.2008 से 15.04.2038
14	श्रीमती नेहा अग्रवाल पति श्री शिरीष अग्रवाल	घोड़ारी	महासमुंद	74/1	0.30	फर्शीपत्थर	21.03.2011 से 20.03.2041



स.क	पट्टेदार का नाम व पता	ग्राम एवं तहसील		खसरा नंबर	रकबा (हे०में)	खनिज का नाम	स्वीकृत अवधि
1	2	3	4	5	6	7	8
15	श्री सीताराम केंवट आ. श्री घरिया केवट	घोडारी	महासमुंद	245/1 245/2	0.45	फर्शीपत्थर	30.12.2010 से 29.12.2040
16	अरिहंत टाईल्स	घोडारी	महासमुंद	10	0.48	फर्शीपत्थर	12.10.2010 से 11.10.2040
17	श्री रजनीकांत तिवारी आ श्री शशिभूषण तिवारी	घोडारी	महासमुंद	29	1.20	फर्शीपत्थर	20.10.2000 से 19.12.2030
18	मेसर्स अजय फर्शी उद्योग	घोडारी	महासमुंद	6	0.64	फर्शीपत्थर	18.05.2009 से 17.05.2039
19	श्री चन्द्रहास चंद्राकर आ० स्व० श्री रामखिलावन	घोडारी	महासमुंद	346	0.50	फर्शीपत्थर	18.05.2009 से 17.05.2039
20	श्री संतोष कुमार यादव आ.श्री रामआसरे यादव	घोडारी	महासमुंद	4,5,6	0.85	चूनापत्थर	28.03.2006 से 27.03.2036
21	श्रीमती सुमद्रा देवी	घोडारी	महासमुंद	6	0.24	चूनापत्थर	10.10.2000 से 09.10.2030
22	श्री विजय चंद्राकर आ० श्री नारद राम चंद्राकर	घोडारी	महासमुंद	10	0.80	फर्शीपत्थर	24.10.2009 से 23.10.2039
23	श्रीमती हेमिन बाई पति स्व. श्री मंगलराम सतनामी आ.	घोडारी	महासमुंद	6	0.21	चूनापत्थर	10.10.2000 से 9.10.2030
24	श्रीमती अनुपमा रात्रे पति श्री शिव रात्रे	घोडारी	महासमुंद	29	0.85	फर्शीपत्थर	22.03.2018 से 21.03.2048
25	श्री शंकरलाल चन्द्राकर	घोडारी	महासमुंद	225/2	1.35	फर्शीपत्थर	19.03.2012 से 18.03.2042
26	श्री महेन्द्र प्रताप सिंह सोनवानी आ.श्री मोहन लाल सोनवानी	बरबसपुर	महासमुंद	244	0.32	चूनापत्थर	03.10.1998 से 02.10.2028
27	श्री अजय चंद्राकर आ श्री मनहरण लाल चंद्राकर	बरबसपुर	महासमुंद	209	0.71	फर्शीपत्थर	06.04.1999 से 05.04.2029
28	श्री ललित चंद्राकर आ. श्री जोहन लाल चंद्राकर	बरबसपुर	महासमुंद	358	0.70	चूनापत्थर	08.08.1997 से 07.08.2027
29	श्री राजेश चंद्राकर आ०श्री चमन लाल चंद्राकर	बरबसपुर	महासमुंद	213	0.80	फर्शीपत्थर	22.01.2001 से 21.01.2031
30	श्री रामानुज चंद्राकर आ. श्री टेमन लाल चंद्राकर	बरबसपुर	महासमुंद	212	0.75	चूनापत्थर	29.09.2011 से 28.09.2041
31	श्री सतन परमार आ.श्री मिलाप परमार	बरबसपुर	महासमुंद	358	0.72	फर्शीपत्थर	22.09.2001 से 21.09.2031

Draft EIA Report for Barbaspur&Ghodhari Farshi Pathar Mine at Village-Barbaspur&Ghodhari Tehsil- Mahasamund, District –Mahasamund, State- Chattishgarh .

स.क	पट्टेदार का नाम व पता	ग्राम एवं तहसील		खसरा नंबर	रकबा (हे०में)	खनिज का नाम	स्वीकृत अवधि
1	2	3	4	5	6	7	8
32	श्री गणेश राम चंद्राकर आ.श्री जोहन लाल चंद्राकर	बरबसपुर	महासमुंद	358	0.48	फर्शीपत्थर	22.09.2001 से 21.09.2031
33	श्री सोमेश परमार	बरबसपुर	महासमुंद	258,311	0.45	फर्शीपत्थर	01.02.2007 से 31.01.2037
34	श्री बालमुकुंद चंद्राकर आ० श्री मोहन लाल चंद्राकर	बरबसपुर	महासमुंद	311	0.24	फर्शीपत्थर	02.08.1997 से 01.08.2027
35	श्री झालाराम चंद्राकर आ० श्री एमन लाल चंद्राकर	बरबसपुर	महासमुंद	168, 169, 177	0.50	फर्शीपत्थर	10.09.2012 से 09.09.2042
36	श्री राजेन्द्र चंद्राकर आ० श्री खोमन लाल चंद्राकर	बरबसपुर	महासमुंद	311, 244	1.67	चूनापत्थर	11.12.1997 से 10.12.2027
37	श्री रामानुज चंद्राकर आ. श्री टेमन लाल चंद्राकर	बरबसपुर	महासमुंद	193, 187/2	0.65	फर्शीपत्थर	04.01.2014 से 03.01.2044
38	झालाराम चंद्राकर आ.श्री एमन लाल चंद्राकर	बरबसपुर	महासमुंद	311	0.40	चूनापत्थर	05.10.1998 से 04.10.2028
39	श्री साई मंडार सचालक श्री धीरेन्द्र लो.पारे आ.श्री नीलकमार लो.पारे निवासी 128 क्लब पारा महासमुंद	बरबसपुर	महासमुंद	186/1	0.42	फर्शीपत्थर	21.01.2014 से 20.01.2044
40	श्री बालमुकुंद चंद्राकर आ० श्री मोहन लाल चंद्राकर	बरबसपुर	महासमुंद	177	0.80	फर्शीपत्थर	25.02.2011 से 24.02.2041
41	अर्चना चंद्राकर पति श्री राजेन्द्र चंद्राकर	बरबसपुर	महासमुंद	1133, 1134, 1135	1.42	चूनापत्थर	20.06.2000 से 19.06.2030
42	श्री अशोक साहू	बरबसपुर	महासमुंद	358	0.70	फर्शीपत्थर	26.12.2006 से 25.12.2036
43	श्री कुंदन परमार आ० श्री बिजेलाल परमार	बरबसपुर	महासमुंद	191,192	0.30	फर्शीपत्थर	03.01.2007 से 02.01.2037
44	इन्दसेन सेन भा.डेकर	बरबसपुर	महासमुंद	187/1	0.30	फर्शीपत्थर	10.01.2012 से 09.01.2042
45	श्री हिरेन्द्र साहू	बरबसपुर	महासमुंद	177, 186/2	0.56	चूनापत्थर	23.06.2000 से 22.06.2030
46	श्री झालाराम चंद्राकर आ० श्री एमन लाल चंद्राकर	बरबसपुर	महासमुंद	210	0.41	चूनापत्थर	22.06.2000 से 21.06.2030

*Draft EIA Report for Barbaspur&Ghodhari Farshi Pathar Mine at Village-Barbaspur&Ghodhari Tehsil- Mahasamund, District –Mahasamund, State- Chattishgarh .*

स.क्र	पट्टेदार का नाम व पता	ग्राम एवं तहसील		खसरा नंबर	रकबा (हे०में)	खनिज का नाम	स्वीकृत अवधि
1	2	3	4	5	6	7	8
47	श्रीमती लोचन चंद्राकर पति स्व० श्री बलदाऊ चंद्राकर	बरबसपुर	महासमुंद	166/1	0.15	फर्शीपत्थर	04.09.2009 से 03.09.2039
48	मे. केशरगंगा प्रो. दिलीप तलरेजा	बरबसपुर	महासमुंद	214	0.83	फर्शीपत्थर	22.02.2003 से 21.02.2033
49	श्री खेमलाल चंद्राकर	बरबसपुर	महासमुंद	467	0.50	फर्शीपत्थर	06.03.2014 से 05.03.2044
50	श्री मिलन निषाद आ० श्री बैसाखू निषाद	बरबसपुर	महासमुंद	196/1	0.22	फर्शीपत्थर	20.12.2006 से 19.12.2036
51	श्री हेमंत चंद्राकर आ. श्री उत्तम चंद्राकर	बरबसपुर	महासमुंद	178/2	0.18	फर्शीपत्थर	24.10.2011 से 23.10.2041
52	श्रीमति चंदा टावरी पति श्री जगदीश टावरी	बरबसपुर	महासमुंद	178/4, 180 181/4	0.33	फर्शीपत्थर	19.05.2009 से 18.05.2039
53	श्री इद्रसेन भांडेकर आ० श्री नंदूराम भांडेकर	बरबसपुर	महासमुंद	226	0.25	फर्शीपत्थर	20.5.2009 से 19.5.2039
54	श्री यशवंत कुमार साहू आ० श्री टोहल राम साहू	बरबसपुर	महासमुंद	264	0.16	फर्शीपत्थर	12.12.2006 से 11.12.2036
55	श्री सुरेश चंद्राकर आ. श्री मोहन चंद्राकर	बरबसपुर	महासमुंद	207	0.72	फर्शीपत्थर	03.03.2012 से 02.03.2042
56	श्री देवानंद चंद्राकर आ० श्री नारायण चंद्राकर	बरबसपुर	महासमुंद	166	0.25	फर्शीपत्थर	30.04.2001 से 29.04.2031
57	मनोज चंद्राकर	बरबसपुर	महासमुंद	200	0.36	फर्शीपत्थर	07.08.2004 से 06.08.2034
58	श्री लालचंद्र अग्रवाल	बरबसपुर	महासमुंद	358	0.62	फर्शीपत्थर	22.03.2006 से 21.03.2036
59	श्री लीलाधर चंद्राकर आ० श्री ताराचंद चंद्राकर	बरबसपुर	महासमुंद	159	0.20	चूनापत्थर	3.12.1997 से 2.12.2027
60	श्री रामशर. टंडन आ० श्री डिधारू राम टंडन	बरबसपुर	महासमुंद	311	0.40	चूनापत्थर	08.01.1999 से 07.01.2028
61	श्री रामशर. टंडन आ० श्री डिधारू राम टंडन	बरबसपुर	महासमुंद	358	0.20	फर्शीपत्थर	04.10.2008 से 03.10.2038
62	श्री दुलार परमार	बरबसपुर	महासमुंद	190	0.45	फर्शीपत्थर	05.09.2017 से 04.09.2047
63	मे.बी.एस.सी.पी.एल. लि. प्रो. श्री जी.एस.के.राव	बरबसपुर	महासमुंद	177	0.80	फर्शीपत्थर	10.05.2012 से 09.05.2022
64	श्री चन्द्रशेखर चंद्राकर आ. श्री अन्नू लाल चंद्राकर	बरबसपुर	महासमुंद	206	0.30	चूनापत्थर	24.07.1998 से 23.07.2028



स.क	पट्टेदार का नाम व पता	ग्राम एवं तहसील		खसरा नंबर	रकबा (हे०में)	खनिज का नाम	स्वीकृत अवधि
1	2	3	4	5	6	7	8
65	मे.बी.एस.सी.पी.एल. लि. प्रो. श्री जी.एस.के.राव	बरबसपुर	महासमुंद	177	1.60	फर्शीपत्थर	10.05.2012 से 09.05.2022
66	श्री लीलाराम चौधरी पिता श्री ननकूराम चौधरी	घोडारी	महासमुंद	352, 353, 354, 433/4	0.56	फर्शीपत्थर	19.12.2018 से 18.12.2048
67	श्री राजेन्द्र गुप्ता	बरबसपुर	महासमुंद	203	1.00	फर्शीपत्थर	23.07.2021 से 22.07.2051
68	श्रीमती अर्चना चन्द्राकर	बरबसपुर	महासमुंद	1136, 1137	0.64	फर्शीपत्थर	LOI Letter No.1516 Date 11.10.2021
69	श्री ओमप्रकाश चन्द्राकर	बरबसपुर	महासमुंद	215/1	0.82	फर्शीपत्थर	LOI Letter No.1520 Date 11.10.2021
<b>कुल रकबा</b>					<b>40.14</b>		

टीप:- आवेदित खदान एवं सूची में उल्लेखित 69 खदान (कुल 70 खदान कुल रकबा 40.60 हे.) के 500 मी. परिधी के कलस्टर में अन्य कोई फर्शीपत्थर/चूनापत्थर खदान स्वीकृत/सैद्धांतिक स्वीकृति प्राप्त नहीं है।

M/04/02/22

खनि अधिकारी  
जिला-महासमुंद



## कार्यालय कलेक्टर (खनिज शाखा) जिला महासमुन्द, छत्तीसगढ़

### प्रमाण पत्र


प्रमाणित किया जाता है कि श्री अखिलेश चन्द्राकर के पक्ष में ग्राम घोड़ारी ग्राम पंचायत घोड़ारी के खसरा नं. 96,98 कुल रकबा 1.21 हे० क्षेत्र में गौण खनिज फर्शीपत्थर के उत्खनि पट्टा स्वीकृति हेतु जारी आशय पत्र (LOI Letter No.1514 Date 11.10.2021) क्षेत्र से 500 मी. के परिधी के कलस्टर में स्वीकृत/सैद्धांतिक स्वीकृति प्राप्त अन्य फर्शीपत्थर/चूनापत्थर खदानों का विवरण निम्नानुसार है:-

क्र.	पट्टेदार का नाम	ग्राम	तहसील	खसरा नंबर	रकबा (हे० में)	खनिज का नाम	स्वीकृत अवधि
1	2	3	4	5	6	7	8
1	शंकर खदान कामगार सह. समिति अध्यक्ष श्री नकुल सिंह मुडेना	मुडेना	महासमुंद	333/2 का भाग	0.44	फर्शीपत्थर	12.06.2001 से 11.06.2031
2	शंकर खदान कामगार सह. समिति अध्यक्ष श्री नकुल सिंह मुडेना	मुडेना	महासमुंद	330 का भाग	0.30	चूनापत्थर	6.10.2008 से 5.10.2038
3	श्री विकास सिंह ठाकुर आ० श्री नकुल सिंह ठाकुर	मुडेना	महासमुंद	9 का भाग	0.41	फर्शीपत्थर	16.5.2006 से 15.5.2036
4	श्रीमती ज्योति मंजरी सिंह	मुडेना	महासमुंद	329 का भाग	1.60	फर्शीपत्थर	13.12.2001 से 12.12.2031
5	श्रीमती हेमलता कोठारी पति स्व० श्री शातिचंद कोठारी	मुडेना	महासमुंद	9, 10, 11, 12	0.68	फर्शीपत्थर	05.03.2002 से 04.03.2032
6	श्रीमती अमिता कोठारी	मुडेना	महासमुंद	329 का भाग	0.42	फर्शीपत्थर	18.1.2005 से 17.1.2035
7	श्री साईं फर्शी उद्योग संचालक श्री अजय सिंह ठाकुर आ. स्व. श्री दलगजन सिंह ठाकुर	मुडेना	महासमुंद	333/3	0.54	फर्शीपत्थर	23.2.2004 से 22.2.2034
8	श्री रोशन अग्रवाल आ. श्री पवन अग्रवाल	मुडेना	महासमुंद	331, 333/1	0.26	फर्शीपत्थर	22.5.2009 से 21.5.2039
9	श्री नयंक शेखर साहू आ० श्री एस.आर.साहू	मुडेना	महासमुंद	333/1,424/1,424/2,423,425/1	0.43	फर्शीपत्थर	02.01.2006 से 01.01.2036
10	शंकर खदान कामगार सह. समिति अध्यक्ष श्री नकुल सिंह मुडेना	मुडेना	महासमुंद	333/1 का भाग	0.24	फर्शीपत्थर	13.3.2006 से 12.3.2036
11	श्री जसवंत सिन्हा	मुडेना	महासमुंद	333/5	0.54	फर्शीपत्थर	19.1.2004 से 18.1.2034
12	रामजी निषाद आ श्री घसिया राम निषाद	मुडेना	महासमुंद	333/6	0.60	फर्शीपत्थर	4.1.2003 से 3.1.2033
13	श्री छत्रपाल सिंह आ० श्री रतन सिंह	मुडेना	महासमुंद	4 का भाग	0.44	फर्शीपत्थर	20.2.2018 से 19.2.2048
14	श्री विरेन्द्र सिंह ठाकुर आ श्री करिया सिंह ठाकुर	मुडेना	महासमुंद	13,14,15,16,17,18,21/1,21/2,22,23,24,25,26,27,28,29,31,32,33,34,35,36	2.76	फर्शीपत्थर	12.1.2018 से 11.1.2048

क्र.	पट्टेदार का नाम	ग्राम	तहसील	खसरा नंबर	रकबा (हे० में)	खनिज का नाम	स्वीकृत अवधि
1	2	3	4	5	6	7	8
15	श्री छत्रपाल सिंह आ० श्री रत्न सिंह	मुढेना	महासमुंद	331	0.30	फर्शीपत्थर	09.03.2006 से 08.03.2036
16	श्री लखनलाल कोसरिया	घोडारी	महासमुंद	112/2, 112/3	0.46	फर्शीपत्थर	09.11.2010 से 08.11.2040
17	श्री दीप कुमार अग्रवाल आ० स्व० श्री रामनिवास अग्रवाल	घोडारी	महासमुंद	95/1	2.7	फर्शीपत्थर	14.9.2009 से 13.9.2039
18	दिलीप अग्रवाल निवासी रायपुर छ.ग.	घोडारी	महासमुंद	115, 116/2	0.54	फर्शीपत्थर	18.7.2015 से 17.7.2035
19	श्री धीरज कोहली आ. श्री नरेश कोहली	घोडारी	महासमुंद	132 का भाग	0.86	फर्शीपत्थर	20.10.2010 से 19.10.2040
20	श्री दिनेश्वर चंद्राकर आ० श्री नेमन लाल चंद्राकर	घोडारी	महासमुंद	108 का भाग	0.29	फर्शीपत्थर	19.5.2009 से 18.5.2039
21	श्री राजेन्द्र चन्द्राकर	घोडारी	महासमुंद	107	0.59	फर्शीपत्थर	LOI Letter No. 1518 Dated 11.10.2021
22	श्री अभिषेक सोनी	मुढेना	महासमुंद	333/1	0.45	फर्शीपत्थर	छत्तीसगढ़ शासन, खनिज साधन विभाग के पारित आदेश दिनांक 12.06.2020 एवं माननीय न्यायालय कलेक्टर महासमुंद के पारित आदेश दिनांक 15.06.2021 के तहत वर्तमान में विस्तारीकरण हेतु प्रक्रियाधीन है।
23	श्री सरोज कुमार साहू	मुढेना	महासमुंद	333/1	0.22	फर्शीपत्थर	छत्तीसगढ़ शासन, खनिज साधन विभाग के पारित आदेश दिनांक 25.11.2019 एवं माननीय न्यायालय कलेक्टर महासमुंद के पारित आदेश दिनांक 15.06.2021 के तहत वर्तमान में विस्तारीकरण हेतु प्रक्रियाधीन है।

क्र.	पट्टेदार का नाम	ग्राम	तहसील	खसरा नंबर	रकबा (हे० में)	खनिज का नाम	स्वीकृत अवधि
1	2	3	4	5	6	7	8
24	श्री अवधराम सोनी	मुढेना	महासमुंद	333/1	0.55	फर्शीपत्थर	संचालक भौमिकी तथा खनिकर्म के पारित आदेश दिनांक 10.01.2022 के तहत वर्तमान में विस्तारीकरण हेतु प्रक्रियाधीन है।
<b>कुल</b>					<b>16.62</b>		

टीप:- आवेदित खदान एवं सूची में उल्लेखित 24 खदान (कुल 25 खदान कुल रकबा 17.83 हे.) के 500 मी. परिधी के कलस्टर में अन्य कोई फर्शीपत्थर खदान स्वीकृत/सैद्धांतिक स्वीकृत/विस्तारीकरण हेतु प्रक्रियाधीन नहीं है।

  
 खनि अधिकारी  
 जिला महासमुंद

### 1.1.1 Project Location -

The Proposed Project of Farshipatthar / Limestone mines are situated at village – Barbaspur & Ghodari, Tehsil & District Mahasamund, State: Chattishgarh.

Lease to these all mines are granted to them by Office of Collector Mining Branch District Mahasamund for 30 year from the date of first lease agreement. Details of khasra number, lease area and lease period are given in table below in

In some cases Letter of Intent (LOI) has been granted for fresh grant of farshipatthar/limestone mining lease by office of Collector Mining Branch District Mahasamund. Details of letter of intent along with name, khasra & lease area are given in table below in

SN	Name of the Applicant	Mine Village	Type of Land	Khasra Details	Area (Ha)	Lease Period
1	Archana Chandrakar	Barbaspur	Private	1136, 1137	0.64	Fresh Case
2	Jhhalaram Chandrakar	Barbaspur	Private & Government	168, 169, 177	0.50	10/09/2012 to 09/09/2042
3	Keshar Ganga Stone Industries (Prop. Dilip Talreja)	Barbaspur	Private Land	214	0.83	22/02/2003 to 21/02/2033
4	Anupama Ratre	Ghodhari	Government	29	1.00	22/03/2018 to 21/03/2048
5	Archana Chandrakar	Barbaspur	Government	1133, 1134, 1135	1.42	20/06/2000 to 19/06/2030
6	Shanu Gupta	Ghodhari	Private	74/2	0.83	22/02/2011 to 21/02/2041
7	Hemant Chandrakar	Barbaspur	Private	178/2	0.18	24/10/2011 to 23/10/2041
8	Jhhalaram Chandrakar	Barbaspur	Private	210	0.41	22/06/2000 to 21/06/2030
9	Jhhalaram Chandrakar	Barbaspur	Government	311	0.40	05/10/1998 to 04/10/2028
10	Dilip Kumar Agrawal	Ghodhari	Government	10	1.04	22/07/1997 to 21/07/2027
11	Vijay Kumar Chandrakar	Ghodhari	Government	10	0.80	24/10/2009 to 23/10/2039
12	Jagdish Stone Industrie (Prop.Smt. Chanda Tawri)	Barbaspur	Private	180, 178/4, 181 / 4	0.33	19/05/2009 to 18/05/2039
13	Indrasen Bhandekar	Barbaspur	Private	187/1	0.30	10.01.2012 to 09.01.2042
14	Kundan Parmar	Barbaspur	Private	191, 192	0.30	03.01.2007 to 02.01.2037
15	Leelaram Chaudhari	Ghodhari	Private	352, 353, 354, 433/4,	0.56	19/12/2018 to 18/12/2048
16	Om Prakash Chandrakar	Barbaspur	Private	215/1	0.82	Fresh Case
17	Ajay farshi Udyog (Prop. - Kunwar Ajay Sahu )	Ghodhari	Government	6 (Part)	0.64	18/05/2009 to 17/05/2039
18	Hemin Bai Markendey	Ghodhari	Government	6 (Part)	0.22	10/10/2000 to 09/10/2030
19	Hirendra Sahu	Barbaspur	Government & Private	177, 186/2	0.56	23/06/2000 to 22/06/2030

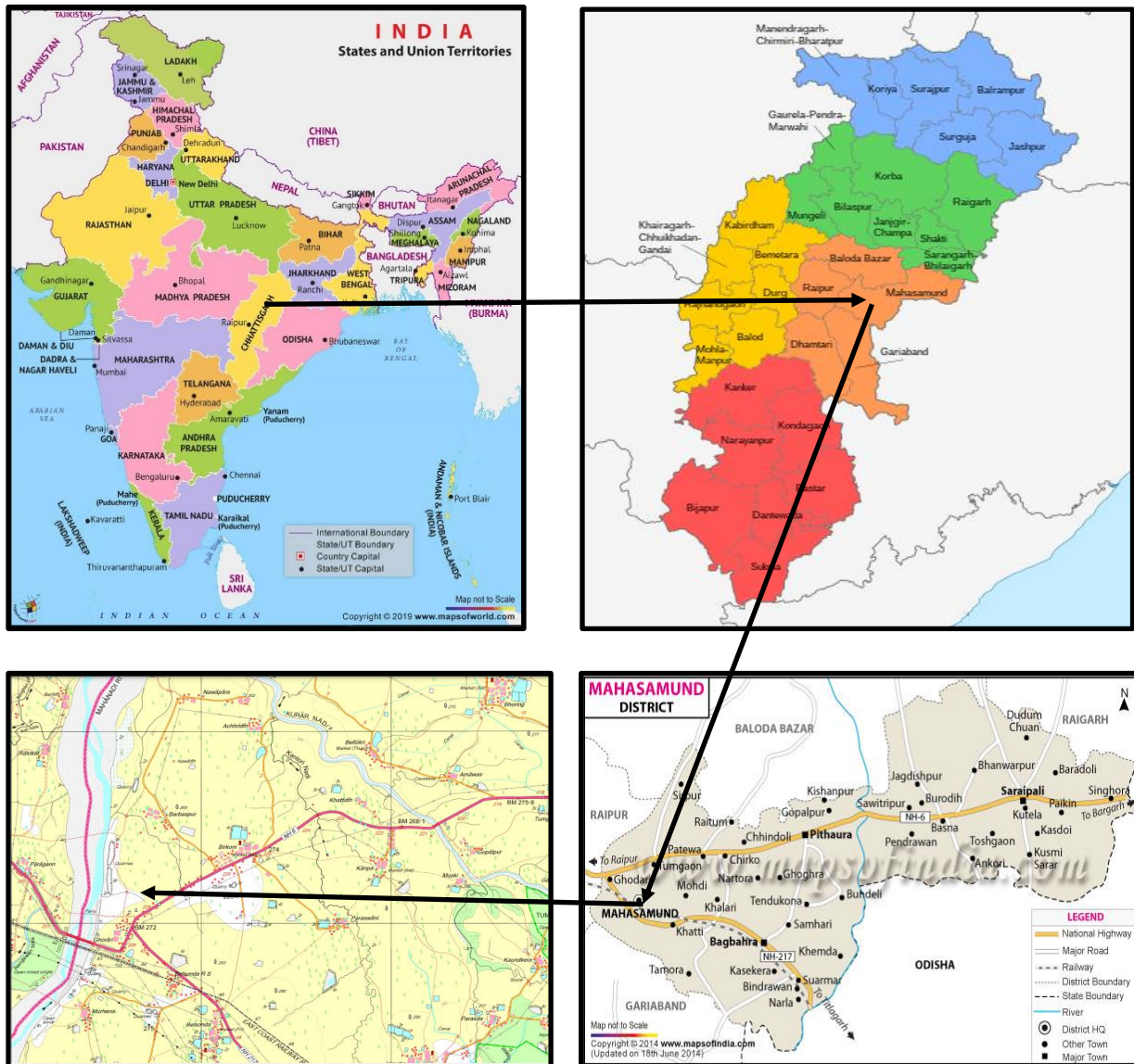
*Draft EIA Report for Barbaspur&Ghodhari Farshi Pathar Mine at Village-Barbaspur&Ghodhari Tehsil-Mahasamund, District –Mahasamund, State- Chattishgarh .*



20	Chandrasah Chandrakar	Ghodhari	Government	346 (Part)	0.50	18/05/2009 to 17/05/2039
21	Arihant Tiles (Prop. - Manish Kothari)	Ghodhari	Government	10 (Part)	0.48	12/10/2010 to 11/10/2040
22	Arihant Tiles (Prop. - Manish Kothari)	Ghodhari	Government	10 (Part)	0.48	12/10/2010 to 11/10/2040
23	Dheeraj Kumar Kohali	Ghodhari	Private	132	0.86	20/10/2010 to 19/10/2040
24	Shankar Lal Chandrakar	Ghodhari	Private	225/2	1.35	19/03/2012 to 18/03/2042
25	Chandrashekhhar Chandrakar	Barbaspur	Government	206	0.30	24/07/1998 to 23/07/2028
26	Akhilesh Chandrakar	Ghodhari	Private	96, 98	1.21	Fresh Case
27	Mahendra Pratap Sonwani	Barbaspur	Government	244 (Part)	0.32	03/10/1998 to 02/10/2028
28	Devanand Chandrakar	Barbaspur	Private	166 (Part)	0.25	30/04/2001 to 29/04/2031
29	Ramanuj Chandrakar	Barbaspur	Private	212	0.75	29/09/2011 to 28/09/2041
30	Balmukund Chandrakar	Barbaspur	Government	177 (Part)	0.80	25/02/2011 to 25/02/2041
31	Satan Kumar Parmar	Barbaspur	Government	358(Part)	0.72	22/09/2001 to 21/09/2031
32	Somesh Parmar	Barbaspur	Government	258,311(Part)	0.45	01/02/2007 to 31/01/2037
33	Rajendra Chandrakar	Ghodhari	Private	107	0.59	Fresh Case
34	Rajendra Chandrakar	Barbaspur	Government	311, 244 (Part)	1.679	11/12/1997 to 10/12/2027
35	Santosh Yadav	Ghodhari	Government	4,5,6,(Part)	0.85	28/03/2006 to 27/03/2036
36	Mahendra Kumar Sahu	Ghodhari	Government	10 (Part)	0.58	01/03/2006 to 29/02/2036
37	Lakhan Lal Koshriya	Ghodhari	Private	112/2,112/3 (Part)	0.46	09/11/2010 to 08/11/2040
38	Amit Kumar Wasnik	Ghodhari	Government	31(Part)	0.90	29/05/2006 to 28/05/2036
39	Ajay Chandrakar	Barbaspur	Private	209(Part)	0.71	06/04/1999 to 05/04/2029
40	Ganesh Ram Chandrakar	Barbaspur	Government	358 (Part)	0.48	22/09/2001 to 21/09/2031
41	Milan Nishad	Barbaspur	Private	196/1	0.22	20/01/2006 to 19/12/2036
42	Rajesh Chandrakar	Barbaspur	Private	213(Part)	0.81	22/01/2001 to 21/01/2031
43	Dular Ram Parmar	Barbaspur	Private	190(Part)	0.45	05/09/2017 to 04/09/2047
44	Manoj Kumar Chandrakar	Barbaspur	Private	200 (Part)	0.36	07/08/2004 to 06/08/2034
45	Ashok Sahu	Barbaspur	Government	358 (Part)	0.70	26/12/2006 to 05/12/2036
46	Suresh Chandrakar	Barbaspur	Private	207 (Part)	0.72	02/03/2012 to 01/03/2042
47	Leeladhar Chandrakar	Barbaspur	Government	159 (Part)	0.20	03/12/1997 to 02/12/2027
48	Balmukund Chandrakar	Barbaspur	Government	311 (part)	0.24	02/08/1997 to 01/08/2027
49	Sitaram Kenwat	Ghodhari	Private	245/1, 245/2 (Part)	0.45	30/12/2010 to 29/12/2040
50	Ramanuj Chandrakar	Barbaspur	Private	193, 187/2	0.65	03/01/2014 to 02/01/2044
51	Khemlal Chandrakar	Barbaspur	Private	467	0.50	06/03/2014 to 05/03/2044
52	Indrasen Bhandekar	Barbaspur	Government	226	0.25	20/05/2009 to 19/05/2039
53	Sushil Jangde	Ghodari	Government	10 (Part)	0.90	24/11/2005 to 23/11/2035

**Draft EIA Report for Barbaspur&Ghodhari Farshi Pathar Mine at Village-Barbaspur&Ghodhari Tehsil- Mahasamund, District –Mahasamund, State- Chattishgarh .**

54	Dineshwar Chandrakar	Ghodhari	Private	108 (Part)	0.29	19/05/2009 to 18/05/2039
55	Subhadra Devi	Ghodhari	Government	6 (part)	0.24	10/10/2000 to 09/10/2030
56	Khadan Kamgaar Samiti (President - Nathuram Banjare)	Ghodhari	Government	223 (Part)	0.46	17/11/1977 to 16/11/2027
57	Lalit Kumar Chandrakar	Barbaspur	Government	358 (part)	0.70	08/08/1997 to 07/08/2027



**Figure 1.2: Location Map of Proposed Project Site**

*Draft EIA Report for Barbaspur&Ghodhari Farshi Pathar Mine at Village-Barbaspur&Ghodhari Tehsil- Mahasamund, District –Mahasamund, State- Chattishgarh .*

**Table 1.1A: Environmental Setting of Proposed Farshi Pathar/Limestone Mining Projects**

SN	Name of the Applicant	Registered Address	Project Location	Khasra Details	Toposheet No	Type of Land
1	Archana Chandrakar	W/o. Shri Rajendra Chandrakar, Station Road , Mahasamund	Barbaspur	1136, 1137	64 K/4, 64G /16	Private
2	Jhhalaram Chandrakar	Village -Barbaspur, Tehsil & District - Mahasamund, (C.G)	Barbaspur	168, 169, 177	64 K/4, 64G /16	Private & Government
3	Keshar Ganga Stone Industries (Prop. Dilip Talreja)	Proprietor - Dilip Talreja Ward no-16 Trimurti colony Mahasamund	Barbaspur	214	64 K/4, 64 G /16	Private Land
4	Anupama Ratre	W/o. Shri Shiv Ratre, Village - Godari, Tehsil & District - Mahasamund, (C.G)	Ghodhari	29	64G/16, 64K/4	Government
5	Archana Chandrakar	W/o. Shri Rajendra chandrakar, Station Road, mahasamund	Barbaspur	1133, 1134, 1135	64 K/4, 64G /16	Government
6	Shanu Gupta	W/o. Shri Vijay Gupta village - Mahasamund, Tehsil & District - Mahasamund, (C.G)	Ghodhari	74/2	64 K/4, 64 G /16	Private
7	Hemant Chandrakar	S/o. Shri Uttam Chandrakar, Ward no-01 Bazar chowk Barbaspur, Tehsil & District - Mahasamund	Barbaspur	178/2	64 K/4, 64 G /16	Private
8	Jhhalaram Chandrakar	S/o. Shri Eman Lal Chandrakar, Village -Barbaspur, Tehsil & District - Mahasamund, (C.G)	Barbaspur	210	64K/4	Private
9	Jhhalaram Chandrakar	S/o. Shri Eman Lal Chandrakar, Village -Barbaspur, Tehsil & District - Mahasamund, (C.G)	Barbaspur	311	64K/4	Government
10	Dilip Kumar Agrawal	S/o. Shri Manmohan Agrawal, Village -Raipur, Tehsil & District - Raipur, (C.G)	Ghodhari	10	64K/4,5 G/18	Government
11	Vijay Kumar Chandrakar	S/o. Shri Narad Ram Chandrakar Village - Mahasamund, Tehsil & District - Mahasamund, (C.G)	Ghodhari	10	64 K/4, 64G /16	Government
12	Jagdish Stone Industries (Prop. Smt. Chanda Tawri)	proprietor; Chanda tawari, W/o. Shri Jagdish tawari , Ward No. 7, Ekta Chowk Mahasamund, Tehsil & District -Mahasamund, (C.G)	Barbaspur	180, 178/4, 181 / 4	64 K/4, 64 G /16	Private
13	Indrasen Bhandekar	S/o. Shri Nanduram Bhandekar , Village- Chobebandha Road Rajim ,Tehsil- Rajim, District – Gariyaband	Barbaspur	187/1	64 K/4, 64G /16	Private
14	Kundan Parmar	S/o. Shri Vijay lal parmar, Village-Ghodari, PO - Birkoni, Tehsil&District - Mahasamund	Barbaspur	191, 192	64 K/4, 64G /16	Private

SN	Name of the Applicant	Registered Address	Project Location	Khasra Details	Toposheet No	Type of Land
15	Leelaram Chaudhari	S/o. Shri Nanku Ram Chaudhary, Village -Godari, Tehsil & District -Mahasamund, (C.G)	Ghodhari	352,353,354,433/4,	64K/4	Private
16	Om Prakash Chandrakar	S/o. Late Shri Khoman Lal Chandrakar, Station Road Mahasamund, Tehsil & District – Mahasamund	Barbaspur	215/1	64 K/4, 64G /16	Private
17	Ajay farshi Udyog (Prop. - Kunwar Ajay Sahu )	Village - barbhatta, Tehsil - Rajim, District – Gariyaband	Ghodhari	6 (Part)	64 K/4, G /16	Government
18	Hemin Bai Markendey	W/o Late Mangalram Satnami, Village & Post – Saradin, Tehsil & District -Mahasamund (C.G.)	Ghodhari	6 (Part)	64K/4	Government
19	Hirendra Sahu	S/o. Shri. Devsingh Sahu, Village -Mahasamund, Tehsil - & District - Mahasamund, (C.G)	Barbaspur	177, 186/2	64 K/4, 64G /16	Government & Private
20	Chandrasah Chandrakar	S/o Shri Ramkhilawan Chandrakar, BTI Road Mahasamund, Tehsil & District mahasamund (C.G.)	Ghodhari	346 (Part)	64 K/4, 64G /16	Government
21	Arihant Tiles (Prop. Manish Kothari)	Village -Godari, Tehsil - Mahasamund, District - Mahasamund, (C.G)	Ghodhari	10 (Part)	64 K/4, 64G /16	Government
22	Arihant Tiles (Prop. -Manish Kothari)	Village -Godari, Tehsil - Mahasamund, District - Mahasamund, (C.G)	Ghodhari	10 (Part)	64 K/4, 64G /16	Government
23	Dheeraj Kumar Kohali	S/o. Shri Naresh Kumar Kohali, Village -Godari, Tehsil & District - Mahasamund, (C.G)	Ghodhari	132	64 K/4, 64G /16	Private
24	Shankar Lal Chandrakar	S/o. Shri Neman lal Chandrakar, Village&Post -Birkoni, Tehsil - & District - Mahasamund, (C.G)	Ghodhari	225/2	64 K/4, 64G /16	Private
25	Chandrashekar Chandrakar	S/o. Shri Annulal Chandrakar, Village -Arang , Tehsil-Arang , District- mahasamund(C.G.)	Barbaspur	206	64K/4	Government
26	Akhilesh Chandrakar	S/o. Late Shri Khoman Lal Chandrakar, Station Road Mahasamund(C.G.)	Ghodhari	96, 98	64 K/4, 64G /16	Private
27	Mahendra Pratap Sonwani	S/o. Shri Mohanlal Sonwani, Village -Barbaspur, Tehsil & District - Mahasamund, (C.G)	Barbaspur	244 (Part)	64 K/4, 64G /16	Government
28	Devanand Chandrakar	S/o. Shri Narayan lal Chandrakar , Trimurti Colony, Mahasamund(C.G)	Barbaspur	166 (Part)	64 K/4, 64G /16	Private

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SN	Name of the Applicant	Registered Address	Project Location	Khasra Details	Toposheet No	Type of Land
29	Ramanuj Chandrakar	S/o. Shri Teman lal Chandrakar, Village – Barbaspur, Tehsil & District – Mahasamund (C.G.)	Barbaspur	212	64 K/4, 64G /16	Private
30	Balmukund Chandrakar	S/o. Shri Mohan Chandrakar, Raipur Naka, Mahasamund(C.G.)	Barbaspur	177 (Part)	64 K/4, 64G /16	Government
31	Satan Kumar Parmar	S/o. Shri Milap Parmar, Village Barbaspur, Tehsil & District - Mahasamund (C.G)	Barbaspur	358(Part)	64 K/4, 64G /16	Government
32	Somesh Parmar	S/o. Shri Satan parmar , Ward No.17, Satnami Para, Birkoni Village -Barbaspur, Tehsil & District - Mahasamund, (C.G)	Barbaspur	258,311(Part)	64G/16	Government
33	Rajendra Chandrakar	S/o. Late Shri Khoman Lal Chandrakar, Station Road Mahasamund	Ghodhari	107	64 K/4, 64G /16	Private
34	Rajendra Chandrakar	S/o. Late Shri Khoman Lal Chandrakar, Station Road Mahasamund	Barbaspur	311, 244 (Part)	64 K/4, 64G /16	Government
35	Santosh Yadav	S/o. Shri Ramasare Yadav, Village -Godari, Tehsil & District - Mahasamund, (C.G)	Ghodhari	4,5,6,(Part)	64 K/4, 64G /16	Government
36	Mahendra Kumar Sahu	S/o. Shri Shukhdev Sahu, Village -Machewa, Tehsil & District - Mahasamund, (C.G)	Ghodhari	10 (Part)	64K/4	Government
37	Lakhan Lal Koshriya	S/o. Shri Lainu Ram Kosariya, Ring road Gokul Dham colony, ward no.9, Fingeshwar, Tehsil - Rajim , District - Gariyaband, (C.G.)	Ghodhari	112/2,112/3 (Part)	64 K/4, 64G /16	Private
38	Amit Kumar Wasnik	S/o. Shri Ramchandra Wasnik, Village -Godari, Tehsil & District - Mahasamund, (C.G)	Ghodhari	31(Part)	64 K/4, 64G /16	Government
39	Ajay Chandrakar	W/o. Shri Manharan lal Chandrakar, Village -Barbaspur, Tehsil & District -Mahasamund, (C.G)	Barbaspur	209(Part)	64 K/4, 64G /16	Private
40	Ganesh Ram Chandrakar	S/o. Shri Johanlal Chandrakar, Village -Barbaspur, Tehsil & District - Mahasamund, (C.G)	Barbaspur	358 (Part)	64 K/4, 64G /16	Government
41	Milan Nishad	S/o. Shri Baisakhu Nisad , Village - Ghodhari, Tehsil & District - Mahasamund	Barbaspur	196/1	64 K/4, 64G /16	Private
42	Rajesh Chandrakar	S/o. Chaman lal Chandrakar , Village - Birkoni ,Tehsil & District- Mahasamund (C.G)	Barbaspur	213(Part)	64K/4	Private
43	Dular ram Parmar	S/o. Shri Budh Ram Parmar Ward no-14 Near Ghasidas Temple Ghodari, Tehsil & District – Mahasamund(C.G.)	Barbaspur	190(Part)	64 K/4, 64G /16	Private

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SN	Name of the Applicant	Registered Address	Project Location	Khasra Details	Toposheet No	Type of Land
44	Manoj Kumar Chandrakar	S/o. Shri Tejram Chandrakar Village & Post -Birkoni Tehsil & District _ Mahasamund (C.G)	Barbaspur	200 (Part)	64 K/4, 64G /16	Private
45	Ashok Sahu	S/o. Shri Budhram Sahu, Village - Barbaspur, Tehsil & District - Mahasamund, (C.G)	Barbaspur	358 (Part)	64 K/4, 64G /16	Government
46	Suresh Chandrakar	S/o. Shri Mohanlal Chandrakar, Raipur naka Mahasamund(C.G)	Barbaspur	207 (Part)	64 K/4	Private
47	Leeladhar Chandrakar	S/o. Shri tularam chandrakar Village - Kosamkhuta, Tehsil - Arang, District - Raipur, (C.G)	Barbaspur	159 (Part)	64 K/4, 64G /16	Government
48	Balmukund Chandrakar	S/o. Shri Mohan Chandrakar, Raipur Naka, Mahasamund	Barbaspur	311 (part)	64K/4	Government
49	Sitaram Kenwat	S/o. Shri Ghasiyaram Kenwat Village -Ghodari, Tehsil & District - Mahasamund, (C.G)	Ghodhari	245/1, 245/2 (Part)	64 K/4, 64G /16	Private
50	Ramanuj Chandrakar	S/o. Shri Temanlal Chandrakar, Village – Barbaspur, Tehsil & District –Mahasamund(C.G.)	Barbaspur	193, 187/2	64 K/4, 64G /16	Private
51	Khemlal Chandrakar	S/o. Shri Johanlal Chandrakar, Village -Barbaspur, Tehsil & District - Mahasamund, (C.G)	Barbaspur	467	64 K/4, 64G /16	Private
52	Indrasen Bhandekar	S/o. Shri Nanduram Bhandekar , Village- Chobebandha Road Rajim ,Tehsil- Rajim,District – Gariyaband	Barbaspur	226	64 K/4, 64G /16	Government
53	Sushil Jangde	S/o. Shri Ramratan Jangde, Village - Ghodari, Tehsil & District Mahasamund(C.G.)	Ghodari	10 (Part)	64 K/4	Government
54	Dineshwar Chandrakar	S/o. Shri Neman Lal Chandrakar, Village -Birkoni,Tehsil & District – Mahasamund(C.G.)	Ghodhari	108 (Part)	64 K/4, 64G /16	Private
55	Subhadra Devi	W/o Shri Ramasre Yadav, Village - Ghodari, Tehsil & District – Mahasamund(C.G.)	Ghodhari	6 (part)	64 K/4, 64G /16	Government
56	Khadan Kamgaar Samiti (President - Nathuram Banjare)	President – Nathuram Banjare, Village – Ghodhari, Tehsil & District – Mahasamund (C.G.)	Ghodhari	223 (Part)	64 K/4,	Government
57	Lalit Kumar Chandrakar	S/o. Shri Johan Lal Chandrakar, Village -Barbaspur, Tehsil & District - Mahasamund, (C.G)	Barbaspur	358 (part)	64 K/4, 64G /16	Government

Note :-

1. Out of the above 57 mines 4 lease of serial no. 1-Archana Chandrakar, 16 – Omprakash Chandrakar, 26 – Akhilesh Chandrakar and 33 – Rajendra Chandrakar are fresh new leases where application for environment clearance is being submitted for the first time. Rest 53 mines are already existing mines where environment clearance was granted them by DEIAA Mahasamund for 5 years, now these mines are supposed to apply for re-appraisal of their cases before SEIAA due to order of NGT dated 07.07.2022 and MOEF OM dated 28.04.2023.
2. Out of the above 57 mine lease, following leases are being transferred to other applicant therefore application for TOR and Environment Clearance is being filed in the name of transferee. The details of transferor and transferee are given below –

S.N O	PROJECT NAME	TRANSFERER (PREVIOUS MINE LEASE HOLDER)	TRANSFEE (EXISTING/PROPOSED LEASE HOLDER)	LEASE TRANSFERRED WITH EFFECT FROM
1	Keshar Ganga Stone	Anand Stone Pro.Sapna Singhaniya	Keshar Ganga Stone Pro. Dilip Talreja	01.02.2019
2	Jagdish Stone Industries	Brijesh Chandrakar	Jagdish Stone Industries Pro. Chanda Tawri	19.12.2018
3	Ajay Farshi Udyog	Amar Singh Thakur	Ajay Farshi Udyog Pro. – Kunwar Ajay Sahu	01.03.2019
4	Arihant Tiles	Tejendra Sharma	Arihant Tiles Pro. – Manish Kothari	21.09.2020
5	Ashok Sahu	Firtu Ram Sahu	Ashok Sahu	28.07.2018
6	Somesh Parmar	Smt. Jaishree Parmar	Somesh Parmar	18.03.2021

3. Lease holder Serial no. 57 – Lalit Kumar Chandrakar was expired. This fact was produced before Hon'ble SEAC at the time of presentation for TOR. This fact was noted by the committee and allowed to proceed further through his brother Shri Nemichand Chandrakar. Therefore signature of Shri Nemichand Chandrakar has been taken for undertaking for submission of EIA.

Similarly in case of applicant Serial no. 56 - Khadan Kamgaar Samiti its President - Nathuram Banjare has also been expired and therefore Khadan Kamgaar Samiti has elected Shri Chhotku Ogare as President of the Samiti to proceed further, therefore signature of Shri Chhotku Ogare has been taken for undertaking for submission of EIA.

**Table 0.1B: Details of the Project Proponent and Project Coordinates**

SN	Name of the Applicant	BL1 Lat./ Long.	BL2 Lat./ Long.	BL3 Lat./ Long.	BL4 Lat./ Long.	BL5 Lat./ Long.	BL6 Lat./ Long.	BL7 Lat./ Long.	BL8 Lat./ Long.	BL9 Lat./ Long.	BL10 Lat./ Long.	BL11 Lat./ Long.	BL12 Lat./ Long.	BL13 Lat./ Long.	BL14 Lat./ Long.
1.	Archana Chandrakar	21°11'9.02"N 82° 1'28.51"E	21°11'8.00"N 82°1'31.87"E	21°11'6.02"N 82° 1'30.75"E	21°11'6.39"N 82°1'28.36"E	-	-	-	-	-	-	-	-	-	-
2.	Jhhalaran Chandrakar	21°10'59.66N 82°1'16.69"E	21°11'4.41"N 82°1'17.32"E	21°11'4.58"N 82° 1'16.07"E	21°10'59.70N 82°1'15.41"E	-	-	-	-	-	-	-	-	-	-
3.	Kesar Ganga Stone Industries (Prop. - Dilip Talreja)	21°11'19.74N 82°1'24.35"E	21°11'20.33N 82°1'25.43"E	1°11'19.57"N 82° 1'27.29"E	21°11'20.27N 82° 1'27.58"E	21°11'20.21N 82°1'27.81"E	21°11'17.25N 82°1'27.73"E	21°11'17.50"N 82° 1'24.36"E	-	-	-	-	-	-	-
4.	Anupama Ratre	21°10'20.44N 82°1'32.16"E	21°10'21.00N 82°1'33.42"E	21°10'16.33"N 82° 1'33.45"E	21°10'16.09N 82° 1'27.83"E	21°10'17.64N 82°1'28.35"E	21°10'17.88N 82°1'32.60"E	-	-	-	-	-	-	-	-
5.	Archana Chandrakar	21°11'16.75N 82°1'30.48"E	21°11'16.68N 82° 1'32.17"E	21°11'9.62"N 82° 1'31.92"E	21°11'10.10N 82°1'28.80"E	-	-	-	-	-	-	-	-	-	-
6.	Shanu Gupta	21°10'2.53"N 82° 1'18.94"E	21°10'1.90"N 82°1'21.14"E	21° 9'57.49"N 82° 1'19.40"E	21°9'59.57"N 82°1'17.68"E	-	-	-	-	-	-	-	-	-	-
7.	Hemant Chandrakar	21°10'48.59N 82° 1'23.81"E	21°10'48.42N 82°1'24.73"E	21°10'45.87"N 82° 1'24.14"E	21°10'45.87N 82°1'23.54"E	21°10'47.32N 82°1'23.90"E	-	-	-	-	-	-	-	-	-
8.	Jhhalaran Chandrakar	21°11'12.68N 82°1'22.56"E	21°11'12.39N 82°1'26.13"E	21°11'11.24"N 82° 1'26.03"E	21°11'11.28N 82°1'22.53"E	-	-	-	-	-	-	-	-	-	-
9.	Jhhalaran Chandrakar	21°12'0.65"N 82°1'39.71"E	21°12'1.35"N 82°1'39.62"E	21°12'1.39"N 82° 1'39.90"E	21°12'2.01"N 82°1'39.98"E	21°12'1.59"N 82°1'44.00"E	21°12'0.61"N 82°1'43.85"E	-	-	-	-	-	-	-	-
10.	Dilip Kumar Agrawal	21°10'30.46N 82°1'18.44"E	21°10'31.12N 82°1'23.43"E	21°10'28.52"N 82° 1'23.27"E	21°10'27.74N 82°1'18.40"E	-	-	-	-	-	-	-	-	-	-
11.	Vijay kumar Chandrakar	21°10'36.72N 82°1'19.97"E	21°10'36.44N 82°1'22.64"E	21°10'33.29"N 82° 1'22.30"E	21°10'33.47N 82°1'19.43"E	-	-	-	-	-	-	-	-	-	-
12.	Jagdish Stone Industrie (Prop. Chanda Tawri)	21°10'46.51N 82°1'25.18"E	21°10'46.37N 82°1'25.83"E	21°10'43.47"N 82°1'25.41"E	21°10'43.35N 82°1'25.88"E	21°10'42.66N 82°1'25.73"E	21°10'43.10N 82°1'24.11"E	21°10'43.59"N 82°1'24.11"E	21°10'43.55N 82°1'24.35"E	-	-	-	-	-	-
13.	Indrasen Bhandekar	21°10'51.31N 82°1'26.07"E	21°10'50.71N 82°1'29.56"E	21°10'49.74"N 82°1'29.33"E	21°10'50.50N 82°1'25.75"E	-	-	-	-	-	-	-	-	-	-
14.	Kundan Parmar	21°10'55.30N 82°1'24.21"E	21°10'55.19N 82°1'25.66"E	21°10'52.93"N 82°1'25.37"E	21°10'53.19N 82°1'24.13"E	21°10'55.30N 82°1'24.21"E	-	-	-	-	-	-	-	-	-
15.	Leelaram chaudhari	21°10'23.56N 82°1'41.42"E	21°10'25.01N 82°1'41.40"E	21°10'24.96"N 82°1'43.18"E	21°10'25.58N 82°1'43.36"E	21°10'25.19N 82°1'44.17"E	21°10'25.26N 82°1'44.82"E	21°10'26.12"N 82°1'44.91"E	21°10'26.18N 82°1'47.17"E	21°10'25.81N 82° 1'47.13"E	21°10'25.73N 82°1'46.54"E	21°10'25.36"N 82° 1'46.50"E	21°10'25.28N 82°1'45.31"E	21°10'24.51N 82°1'45.16"E	21°10'23.64N 82°1'42.70"E
16.	Om Prakash Chandrakar	21°11'19.92N 82°1'28.14"E	21°11'19.78N 82°1'30.05"E	21°11'16.11"N 82°1'29.92"E	21°11'15.86N 82°1'27.07"E	21°11'17.29N 82°1'27.11"E	21°11'17.26N 82°1'27.74"E	-	-	-	-	-	-	-	-
17.	Ajay farshi Udyog Prop. - Kunwar Ajay sahu )	21°10'12.12N 82°1'17.33"E	21°10'11.76N 82°1'18.82"E	21°10'7.88"N 82°1'18.41"E	21°10'7.97"N 82°1'17.78"E	21°10'8.62"N 82°1'17.57"E	21°10'8.92"N 82°1'16.93"E	21°10'10.71"N 82°1'16.87"E	21°10'11.03N 82°1'16.33"E	-	-	-	-	-	-
18.	Hemin Bai Markendey	21°10'6.11"N 82°1'15.97"E	21°10'7.43"N 82°1'16.19"E	21°10'7.21"N 82°1'17.95"E	21°10'5.82"N 82°1'17.79"E	-	-	-	-	-	-	-	-	-	-
19.	Hirendra Sahu	21°10'50.76N 82°1'20.66"E	21°10'50.58N 82°1'23.01"E	21°10'49.15"N 82°1'23.00"E	21°10'49.05N 82°1'23.21"E	21°10'47.92N 82°1'22.96"E	21°10'48.13N 82°1'20.74"E	-	-	-	-	-	-	-	-



SN	Name of the Applicant	BL1 Lat./ Long.	BL2 Lat./ Long.	BL3 Lat./ Long.	BL4 Lat./ Long.	BL5 Lat./ Long.	BL6 Lat./ Long.	BL7 Lat./ Long.	BL8 Lat./ Long.	BL9 Lat./ Long.	BL10 Lat./ Long.	BL11 Lat./ Long.	BL12 Lat./ Long.	BL13 Lat./ Long.	BL14 Lat./ Long.
20	Chandrasah Chandrakar	21°10'21.75N 82°1'31.07"E	21°10'21.47N 82°1'33.94"E	21°10'23.20"N 82°1'33.99"E	21°10'24.03N 82°1'31.07"E	21°10'21.75N 82°1'31.07"E	-	-	-	-	-	-	-	-	-
21	Arihant Tiles (Prop. - manish Kothari)	21°10'26.91N 82°1'15.56"E	21°10'27.71N 82°1'18.36"E	21°10'25.96"N 82°1'18.85"E	21°10'25.15N 82°1'16.12"E	-	-	-	-	-	-	-	-	-	-
22	Arihant Tiles (Prop. - manish Kothari)	21°10'24.40N 82°1'18.12"E	21°10'24.74N 82°1'20.82"E	21°10'23.08"N 82°1'21.28"E	21°10'21.99N 82°1'19.41"E	-	-	-	-	-	-	-	-	-	-
23	Dheeraj Kumar Kohali	21°9'19.20"N 82°1'13.39"E	21°9'18.43"N 82°1'15.40"E	21°9'14.64"N 82°1'14.16"E	21°9'15.49"N 82°1'11.46"E	-	-	-	-	-	-	-	-	-	-
24	Shankar Lal Chandrakar	21°9'53.78"N 82°1'12.03"E	21°9'53.90"N 82°1'14.10"E	21°9'55.73"N 82°1'15.74"E	21°9'55.51"N 82°1'17.46"E	21°9'50.97"N 82°1'16.35"E	21°9'51.32"N 82°1'13.84"E	21°9'51.94"N 82°1'13.96"E	21°9'52.24"N 82°1'12.67"E	21°9'51.92"N 82°1'12.61"E	21°9'52.10"N 82°1'11.82"E	-	-	-	-
25	Chandrashekhar Chandrakar	21°11'9.28"N 82°1'20.92"E	21°11'9.08"N 82°1'22.22"E	21°11'6.25"N 82°1'21.86"E	21°11'6.41"N 82°1'20.94"E	-	-	-	-	-	-	-	-	-	-
26	Akhilesh Chandrakar	21°9'16.83"N 82°0'58.72"E	21°9'16.46"N 82°1'1.91"E	21°9'15.89"N 82°1'4.68"E	21°9'13.16"N 82°1'3.69"E	21°9'15.18"N 82°0'58.19"E	-	-	-	-	-	-	-	-	-
27	Mahendra Pratap Sonwani	21°11'45.90N 82°1'30.89"E	21°11'46.30N 82°1'33.57"E	21°11'45.77"N 82°1'34.75"E	21°11'44.93N 82°1'33.95"E	21°11'45.27N 82°1'30.58"E	-	-	-	-	-	-	-	-	-
28	Devanand Chandrakar	21°11'6.81"N 82°1'18.23"E	21°11'6.78"N 82°1'17.12"E	21°11'4.54"N 82°1'16.94"E	21°11'4.50"N 82°1'18.08"E	-	-	-	-	-	-	-	-	-	-
29	Ramanuj Chandrakar	21°11'15.45N 82°1'26.90"E	21°11'15.81N 82°1'29.29"E	21°11'12.29"N 82°1'28.49"E	21°11'12.22N 82°1'26.17"E	21°11'12.58N 82°1'26.20"E	21°11'12.59N 82°1'26.63"E	-	-	-	-	-	-	-	-
30	Balmukund Chandrakar	21°10'54.67N 82°1'16.21"E	21°10'54.70N 82°1'17.12"E	21°10'47.16"N 82°1'16.70"E	21°10'47.17N 82°1'15.74"E	21°10'47.91N 82°1'15.78"E	21°10'48.29N 82°1'15.39"E	-	-	-	-	-	-	-	-
31	Satan Kumar Parmar	21°11'51.95N 82°1'43.24"E	21°11'51.08N 82°1'44.90"E	21°11'48.04"N 82°1'42.13"E	21°11'48.59N 82°1'40.49"E	-	-	-	-	-	-	-	-	-	-
32	Somesh parmar	21°11'54.46N 82°1'35.43"E	21°11'53.90N 82°1'36.02"E	21°11'50.51"N 82°1'34.50"E	21°11'49.89N 82°1'34.39"E	21°11'48.24N 82°1'33.90"E	21°11'48.83N 82°1'32.60"E	21°11'50.33"N 82°1'33.23"E	21°11'50.60N 82°1'33.90"E	-	-	-	-	-	-
33	Rajendra Chandrakar	21°9'19.96"N 82°1'3.53"E	21°9'20.82"N 82°1'1.11"E	21°9'18.75"N 82°0'59.88"E	21°9'17.82"N 82°1'2.79"E	-	-	-	-	-	-	-	-	-	-
34	Rajendra Chandrakar	21°11'54.17N 82°1'36.17"E	21°11'52.78N 82°1'38.74"E	21°11'45.59"N 82°1'34.99"E	21°11'46.29N 82°1'33.71"E	21°11'50.51N 82°1'34.50"E	-	-	-	-	-	-	-	-	-
35	Santosh Yadav	21°10'10.07N 82°1'16.35"E	21°10'13.03N 82°1'16.27"E	21°10'12.72"N 82°1'13.08"E	21°10'9.86"N 82°1'13.16"E	-	-	-	-	-	-	-	-	-	-
36	Mahendra Kumar Sahu	21°10'31.41N 82°1'16.12"E	21°10'31.45N 82°1'18.19"E	21°10'27.82"N 82°1'18.02"E	21°10'27.81N 82°1'16.47"E	-	-	-	-	-	-	-	-	-	-
37	Lakhan Lal Koshriya	21°9'23.78"N 82°1'6.22"E	21°9'22.89"N 82°1'9.03"E	21°9'20.65" N 82°1'8.63"E	21°9'21.01"N 82°1'7.45"E	21°9'21.86"N 82°1'7.56"E	21°9'22.45"N 82°1'5.97"E	-	-	-	-	-	-	-	-
38	Amit Kumar Wasnik	21°10'21.48N 82°1'17.74"E	21°10'20.55N 82°1'18.23"E	21°10'20.50"N 82°1'19.06"E	21°10'17.44N 82°1'19.57"E	21°10'17.27N 82°1'16.76"E	21°10'20.84N 82°1'16.09"E	-	-	-	-	-	-	-	-
39	Ajay Chandrakar	21°11'12.33N 82°1'26.63"E	21°11'12.25N 82°1'28.85"E	21°11'7.85"N 82°1'26.67"E	21°11'8.49"N 82°1'25.44"E	21°11'10.76N 82°1'25.74"E	21°11'10.73N 82°1'26.51"E	-	-	-	-	-	-	-	-
40	Ganesh Ram Chandrakar	21°12'3.61"N 82°1'40.31"E	21°12'3.63"N 82°1'44.58"E	21°12'1.53"N 82°1'44.24"E	21°12'1.70"N 82°1'42.67"E	-	-	-	-	-	-	-	-	-	-
41	Milan Nishad	21°10'57.52N 82°1'21.92"E	21°10'57.29N 82°1'24.05"E	21°10'56.20"N 82°1'23.93"E	21°10'56.24N 82°1'21.93"E	-	-	-	-	-	-	-	-	-	-

SN	Name of the Applicant	BL1 Lat./ Long.	BL2 Lat./ Long.	BL3 Lat./ Long.	BL4 Lat./ Long..	BL5 Lat./ Long..	BL6 Lat./ Long..	BL7 Lat./ Long..	BL8 Lat./ Long..	BL9 Lat./ Long..	BL10 Lat./ Long..	BL11 Lat./ Long..	BL12 Lat./ Long..	BL13 Lat./ Long..	BL14 Lat./ Long..
42	Rajesh Chandrakar	21°11'17.65N 82°1'23.44"E	21°11'17.72N 82°1'26.28"E	21°11'14.86"N 82°1'26.80"E	21°11'14.74N 82°1'23.95"E	21°11'15.02N 82°1'23.94"E	21°11'15.02N 82°1'23.53"E	-	-	-	-	-	-	-	-
43	Dular Ram Parmar	21°10'52.13N 82°1'26.21"E	21°10'51.95N 82°1'27.67"E	21°10'55.37"N 82°1'28.35"E	21°10'55.54N 82°1'26.90"E	-	-	-	-	-	-	-	-	-	-
44	Manoj Kumar Chandrakar	21°10'58.85N 82°1'22.65"E	21°11'0.49" N 82°1'23.13"E	21°11'0.30" N 82°1'25.28"E	21°10'59.91N 82°1'25.96"E	21°10'58.77N 82°1'24.96"E	-	-	-	-	-	-	-	-	-
45	Ashok Sahu	21°12'0.91" N 82°1'45.22"E	21°12'0.57" N 82°1'46.94"E	21°11'55.97"N 82°1'45.59"E	21°11'56.28N 82°1'44.30"E	-	-	-	-	-	-	-	-	-	-
46	Suresh Chandrakar	21°11'12.73N 82°1'20.05"E	21°11'12.76N 82°1'22.57"E	21°11'9.73" N 82°1'22.28"E	21°11'9.82" N 82°1'19.33"E	-	-	-	-	-	-	-	-	-	-
47	Leeladhar Chandrakar	21°11'18.56N 82°1'20.78"E	21°11'18.55N 82°1'22.17"E	21°11'16.94"N 82°1'22.05"E	21°11'16.91N 82°1'20.67"E	-	-	-	-	-	-	-	-	-	-
48	Balmukund Chandrakar	21°12'0.30" N 82°1'39.45"E	21°11'60.00N 82°1'39.78"E	21°11'57.52"N 82°1'39.78"E	21°11'57.65N 82°1'39.18"E	-	-	-	-	-	-	-	-	-	-
49	Sitaram Kenwat	21°9'48.14"N 82°1'11.77"E	21°9'47.92"N 82°1'15.65"E	21°9'47.18"N 82°1'15.50"E	21°9'47.18"N 82°1'15.36"E	21°9'46.14"N 82°1'14.91"E	21°9'47.33"N 82°1'11.69"E	-	-	-	-	-	-	-	-
50	Ramanuj Chandrakar	21°10'51.63N 82°1'21.60"E	21°10'53.64N 82°1'21.84"E	21°10'53.59"N 82°1'24.07"E	21°10'52.12N 82°1'24.15"E	21°10'51.76N 82°1'25.78"E	21°10'51.02N 82°1'25.70"E	21°10'51.10"N 82°1'24.43"E	21°10'50.05N 82°1'24.12"E	21°10'50.15N 82°1'23.58"E	21°10'51.28N 82°1'23.74"E	-	-	-	-
51	Khemlal Chandrakar	21°11'54.13N 82°1'50.34"E	21°11'53.69N 82°1'51.84"E	21°11'51.16"N 82°1'51.00"E	21°11'49.61N 82°1'50.22"E	21°11'52.32N 82°1'49.50"E	-	-	-	-	-	-	-	-	-
52	Indrasen Bhandekar	21°11'31.60N 82°1'28.30"E	21°11'31.25N 82°1'29.68"E	21°11'29.53"N 82°1'29.70"E	21°11'29.89N 82°1'27.96"E	-	-	-	-	-	-	-	-	-	-
53	Sushil Jangde	21°10'39.56N 82°1'20.13"E	21°10'40.28N 82°1'21.22"E	21°10'40.10"N 82°1'24.06"E	21°10'37.56N 82°1'24.12"E	21°10'37.63N 82°1'20.02"E	-	-	-	-	-	-	-	-	-
54	Dineshwar Chandrakar	21°9'22.63"N 82°1'1.37"E	21°9'22.62"N 82°1'2.93"E	21°9'20.59"N 82°1'2.55"E	21°9'20.96"N 82°1'0.70"E	-	-	-	-	-	-	-	-	-	-
55	Subhadra Devi	21°10'9.60"N 82°1'15.34"E	21°10'9.47"N 82°1'16.68"E	21°10'7.51"N 82°1'16.55"E	21°10'7.45" N 82°1'15.23"E	21°10'7.42"N 82°1'13.97"E	21°10'9.57"N 82°1'13.90"E	-	-	-	-	-	-	-	-
56	Khadan Kamgaar Samiti (President - Nathuram Banjare)	21°9'52.02"N 82°1'10.97"E	21°9'51.88"N 82°1'11.95"E	21°9'52.18"N 82°1'12.07"E	21°9'52.08"N 82°1'13.19"E	21°9'49.88"N 82°1'12.85"E	21°9'49.92"N 82°1'12.35"E	21°9'49.61"N 82°1'12.31"E	21°9'49.85"N 82°1'10.57"E	-	-	-	-	-	-
57	Lalit Kumar Chandrakar	21°12'8.64"N 82°1'41.71"E	21°12'8.48"N 82°1'43.25"E	21°12'3.74"N 82°1'42.62"E	21°12'3.77"N 82°1'40.99"E	-	-	-	-	-	-	-	-	-	-

**Table 1.1C: Details of Distance of Sensitive Structure from Project location**

S N	Name of the Applicant	Nearest Highway	Nearest Railway station	Nearest Airport	Nearest town/City/ Nearest Densely populated or built-up area	Nearest Water Body	Major water bodies within 10 km radius
1	Archana Chandrakar	NH-6 at 1.80 km	Belsonda 3.50 km	Raipur 29.50 km	Mahasamund at 8.50 km	450 m (Mahanadi river towards west)	450 m (Mahanadi river towards west)
2	Jhhalaram Chandrakar	NH-53 at 2.00 km	Belsonda 3.55 km	Raipur 29.00 km	Mahasamund at 8.50 km	150 m (Mahanadi river towards west)	150 m (Mahanadi river towards west)
3	Keshar Ganga Stone Industries (Prop. Dilip Talreja)	NH-6 at 2.10 km	Belsonda 2.80 km	Raipur 29.50 km	Aarang at 5.00 km	100 m Seasonal nalla towards north	210 m (Mahanadi river towards west)
4	Anupama Ratre	NH- 53 at 880 m	Belsonda 2.10 km	Raipur 29.50 km	Aarang at 5.70 km	620 m (Mahanadi river towards west)	620 m (Mahanadi river towards west)
5	Archana Chandrakar	NH-53 at 1.85 km	Belsonda 3.65 km	Raipur 29.00 km	Aarang at 5.10 km	190 m Seasonal nalla towards north	395 m (Mahanadi river towards west)
6	Shanu Gupta	NH- 53 at 500 m	Belsonda 1.85 km	Raipur 29.00 km	Aarang at 5.60 km	410 m (Mahanadi river towards west)	410 m (Mahanadi river towards west)
7	Hemant Chandrakar	NH- 5 at 1.60 km	Belsonda- 3.05 km	Raipur - 29.40 km	Mahasamund at 8.00 km	450 m (Mahanadi river towards west)	450 m (Mahanadi river towards west)
8	Jhhalaram Chandrakar	NH-53 at 2.00 km	Belsonda 3.75 km	Raipur 29.50 km	Aarang at 5.00 km	260 m (Mahanadi river towards west)	260 m (Mahanadi river towards west)
9	Jhhalaram Chandrakar	NH-53 at 2.95 km	Belsonda 5.10 km	Raipur 30.00 km	Aarang at 5.40 km	170 m Seasonal nalla towards north-east	560 m (Mahanadi river towards west)
10	Dilip Kumar Agrawal	NH- 6 at 910 m	Belsonda 2.55 km	Raipur 30.00 km	Aarang at 5.30 km	250 m (Mahanadi river towards west)	250 m (Mahanadi river towards west)
11	Vijay Kumar Chandrakar	NH- 6at 1.50 km	Belsonda 2.70 km	Raipur 29.50 km	Aarang at 5.20 km	400 m (Mahanadi river towards west)	400 m (Mahanadi river towards west)
12	Jagdish Stone Industrie (Prop. Smt. Chanda Tawri)	NH-53 at 1.50 km	Belsonda 2.90 km	Raipur 29.50 km	Mahasamund at 7.80 km	510 m (Mahanadi river towards west)	510 m (Mahanadi river towards west)
13	Indrasen Bhandekar	NH- 6 at 1.35 km	Belsonda- 3.00 km	Raipur - 29.30 km	Aarang at 5.50 km	480 m (Mahanadi river towards west)	480 m (Mahanadi river towards west)
14	Kundan Parmar	NH- 6 at 1.50 km	Belsonda- 3.20 km	Raipur - 30.00 km	Aarang at 5.40 km	410 m (Mahanadi river towards west)	410 m (Mahanadi river towards west)
15	Leelaram Chaudhari	NH- 53 at 730 m	Belsonda 2.20 km	Raipur 30.00 km	Aarang at 5.90 km	260 m Canal towards east	1.00 km (Mahanadi river towards west)
16	Om Prakash Chandrakar	NH-6 at 2.00 km	Belsonda 3.85 km	Raipur 29.00 km	Mahasamund at 8.50 km	100 m Seasonal nalla towards north	310 m (Mahanadi river towards west)
17	Ajay farshi Udyog (Prop. - Kunwar Ajay Sahu )	NH- 53 at 790 m	Belsonda 2.15 km	Raipur 29.00 km	Aarang at 5.50 km	300 m (Mahanadi river towards west)	300 m (Mahanadi river towards west)
18	Hemin Bai Markendey	NH- 53 at 700 m	Belsonda 2.10 km	Raipur 29.00 km	Aarang at 5.50 km	360 m (Mahanadi river towards west)	360 m (Mahanadi river towards west)
19	Hirendra Sahu	NH- 53at 1.70 km	Belsonda 3.15 km	Raipur 29.00 km	Mahasamund at 8.00 km	330 m (Mahanadi river towards west)	330 m (Mahanadi river towards west)
20	Chandrasah Chandrakar	NH- 53 at 980 m	Belsonda 2.30 km	Raipur 29.00 km	Arang at 5.50 km	670 m Canal towards north-east	700 m (Mahanadi river towards west)

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S N	Name of the Applicant	Nearest Highway	Nearest Railway station	Nearest Airport	Nearest town/City/ Nearest Densely populated or built-up area	Nearest Water Body	Major water bodies within 10 km radius
21	Arihant Tiles (Prop. Manish Kothari)	NH- 53at 1.30 km	Belsonda 2.55 km	Raipur 29.00 km	Aarang at 5.20 km	250 m (Mahanadi river towards west)	250 m (Mahanadi river towards west)
22	Arihant Tiles (Prop. -Manish Kothari)	NH-53 at 1.20 km	Belsonda 2.45 km	Raipur 29.50 km	Aarang at 5.50 km	340 m (Mahanadi river towards west)	340 m (Mahanadi river towards west)
23	Dheeraj Kumar Kohali	NH- 53 at 650 m	Belsonda 1.50 km	Raipur 29.50 km	Aarang at 5.50 km	510 m (Canal towards north-east)	660 m (Mahanadi river towards west)
24	Shankar Lal Chandrakar	NH- 53 at 270 m	Belsonda 1.80 km	Raipur 29.00 km	Aarang at 5.50 km	300 m (Mahanadi river towards west)	300 m (Mahanadi river towards west)
25	Chandrashekhar Chandrakar	NH-53 at 2.00 km	Belsonda 3.60 km	Raipur 29.00 km	Aarang at 5.00 km	240 m (Mahanadi river towards west)	240 m (Mahanadi river towards west)
26	Akhilesh Chandrakar	NH- 6 at 830 m	Belsonda 1.80 km	Raipur 29.00 km	Mahasamund at 6.50 km	320 m (Mahanadi river towards west)	320 m (Mahanadi river towards west)
27	Mahendra Pratap Sonwani	NH- 53at 2.70 km	Belsonda 4.65 km	Raipur 29.50 km	Aarang at 5.20 km	300 m (Mahanadi river towards west)	300 m (Mahanadi river towards west)
28	Devanand Chandrakar	NH-53 at 2.05 km	Belsonda 3.65 km	Raipur 29.00 km	Mahasamund at 8.50 km	170 m (Mahanadi river towards west)	170 m (Mahanadi river towards west)
29	Ramanuj Chandrakar	NH-53 at 2.00 km	Belsonda 3.70 km	Raipur 29.00 km	Aarang at 5.10 km	210 m Seasonal nalla towards north	350 m (Mahanadi river towards west)
30	Balmukund Chandrakar	NH- 6 at 1.80 km	Belsonda 3.10 km	Raipur 29.00 km	Aarang at 5.00 km	170 m (Mahanadi river towards west)	170 m (Mahanadi river towards west)
31	Satan Kumar Parmar	NH-6 at 2.65 km	Belsonda 4.75 km	Raipur 30.00 km	Aarang at 5.40 km	430 m Seasonal nalla towards north	590 m (Mahanadi river towards west)
32	Somesh Parmar	NH- 6 at 2.75 km	Belsonda 4.75 km	Raipur 30.00 km	Aarang at 5.20 km	370 m (Mahanadi river towards west)	370 m (Mahanadi river towards west)
33	Rajendra Chandrakar	NH- 6 at 720 m	Belsonda 1.90 km	Raipur 29.00 km	Mahasamund at 6.50 km	320 m (Mahanadi river towards west)	320 m (Mahanadi river towards west)
34	Rajendra Chandrakar	NH-53 at 2.70 km	Belsonda 4.65 km	Raipur 29.00 km	Aarang at 5.20 km	390 m village pond towards south-east	400 m (Mahanadi river towards west)
35	Santosh Yadav	NH- at 820 m	Belsonda 2.25 km	Raipur 29.00 km	Aarang at 5.30 km	240 m (Mahanadi river towards west)	240 m (Mahanadi river towards west)
36	Mahendra Kumar Sahu	NH- 53 at 1.35 km	Belsonda 2.65 km	Raipur 29.00 km	Aarang at 5.20 km	220 m (Mahanadi river towards west)	220 m (Mahanadi river towards west)
37	Lakhan Lal Koshriya	NH-53 at 590 m	Belsonda 1.70 km	Raipur 28.70 km	Mahasamund at 6.50 km	410 m (Mahanadi river towards west)	410 m (Mahanadi river towards west)
38	Amit Kumar Wasnik	NH- 53at 1.05 km	Belsonda 2.35 km	Raipur 29.50 km	Aarang at 5.30 km	280 m (Mahanadi river towards west)	280 m (Mahanadi river towards west)
39	Ajay Chandrakar	NH- 53at 1.90 km	Belsonda 3.60 km	Raipur 29.00 km	Aarang at 5.00 km	320 m Seasonal nalla towards north	350 m (Mahanadi river towards west)
40	Ganesh Ram Chandrakar	NH- 53at 3.00 km	Belsonda 5.10 km	Raipur 30.00 km	Aarang at 5.50 km	130 m Seasonal nalla towards north	560 m (Mahanadi river towards west)
41	Milan Nishad	NH- 53at 1.75 km	Belsonda 2.20 km	Raipur 29.00 km	Aarang at 5.10 km	300 m (Mahanadi river towards west)	300 m (Mahanadi river towards west)
42	Rajesh Chandrakar	NH-6 at 2.00 km	Belsonda 3.85 km	Raipur 29.50 km	Aarang at 5.10 km	190 m Seasonal nalla towards north	200 m (Mahanadi river towards west)
43	Dular ram Parmar	NH- 5 at 1.60 km	Belsonda 3.15 km	Raipur 29.00 km	Aarang at 8.00 km	500 m (Mahanadi river towards west)	500 m (Mahanadi river towards west)

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S N	Name of the Applicant	Nearest Highway	Nearest Railway station	Nearest Airport	Nearest town/City/ Nearest Densely populated or built-up area	Nearest Water Body	Major water bodies within 10 km radius
44	Manoj Kumar Chandrakar	NH-53 at 1.80 km	Belsonda 3.30 km	Raipur 29.00 km	Aarang at 5.20 km	330 m (Mahanadi river towards west)	330 m (Mahanadi river towards west)
45	Ashok Sahu	NH-53 at 2.80 km	Belsonda 4.90 km	Raipur 30.00 km	Aarang at 5.50 km	130 m Seasonal nalla towards north	710 m (Mahanadi river towards west)
46	Suresh Chandrakar	NH-6 at 2.00 km	Belsonda 3.70 km	Raipur 29.00 km	Aarang at 5.50 km	170 m (Mahanadi river towards west)	170 m (Mahanadi river towards west)
47	Leeladhar Chandrakar	NH-53 at 2.20 km	Belsonda 3.90 km	Raipur 29.00 km	Aarang at 4.80 km	110 m (Mahanadi river towards west)	110 m (Mahanadi river towards west)
48	Balmukund Chandrakar	NH-53 at 2.95 km	Belsonda 3.10 km	Raipur 30.00 km	Aarang at 5.50 km	280 m Seasonal nalla towards north-east	550 m (Mahanadi river towards west)
49	Sitaram Kenwat	NH- 53 at 125 m	Belsonda 1.75 km	Raipur 29.00 km	Mahasamund at 6.00 km	330 m (Mahanadi river towards west)	330 m (Mahanadi river towards west)
50	Ramanuj Chandrakar	NH-53 at 1.70 km	Belsonda 3.15 km	Raipur 28.50 km	Aarang at 5.00 km	340 m (Mahanadi river towards west)	340 m (Mahanadi river towards west)
51	Khemlal Chandrakar	NH-6 at 2.60 km	Belsonda 4.75 km	Raipur 29.50 km	Aarang at 5.60 km	310 m Seasonal nalla towards north-west	880 m (Mahanadi river towards west)
52	Indrasen Bhandekar	NH- 6 at 2.30 km	Belsonda- 4.20 km	Raipur - 29.40 km	Aarang at 5.50 km	130 m ( Seasonal nalla towards south)	240 m (Mahanadi river towards west)
53	Sushil Jangde	NH-53 at 1.50 km	Belsonda 2.80 km	Raipur 29.00 km	Aarang at 5.20 km	300 m (Mahanadi river towards west)	300 m (Mahanadi river towards west)
54	Dineshwar Chandrakar	NH- 53 at 650 m	Belsonda 1.90 km	Raipur 29.00 km	Mahasamund at 7.00 km	310 m (Mahanadi river towards west)	310 m (Mahanadi river towards west)
55	Subhadra Devi	NH 53 at 730 m	Belsonda 2.20 km	Raipur 29.00 km	Aarang at 5.40 km	100 m (Mahanadi river towards west)	100 m (Mahanadi river towards west)
56	Khadan Kamgaar Samiti (President -Nathuram Banjare)	NH- 53 at 180 m	Belsonda 1.90 km	Raipur 29.00 km	Mahasamund at 7.00 km	160 m (Mahanadi river towards west)	160 m (Mahanadi river towards west)
57	Lalit Kumar Chandrakar	NH- 6 at 3.10 km	Belsonda 5.15 km	Raipur 29.50 km	Aarang at 5.50 km	50 m Seasonal nalla towards north	590 m (Mahanadi river towards west)

**Table 1.1D: Details of Distance of Sensitive Structure from Project location**

Particulars	Descriptions
Seismicity	Since project site comes under Seismic zone II, which is least active zone for earthquakes as per IS: 1893 (Part 1: 2002).
Reserved / Protected Forests	Tumgaon RF, 9.8 km in E Boriyajhar PF, 9.7 km in SE
Wildlife Sanctuary	None within 10 km radius from all of the applied mines
National Park	None within 10 km radius from all of the applied mines
Protected areas as per Wildlife Protection Act (Tiger reserve, Elephant reserve, Biospheres, National parks, Wildlife sanctuaries, community reserves and conservation reserves)	None within 10 km radius from all of the applied mines
Archaeologically important places	None within 10 km radius from all of the applied mines
Defense Installations	None within 10 km radius from all of the applied mines
Biosphere reserves	None within 10 km radius from all of the applied mines
Important migration routes of birds	None within 10 km radius from all of the applied mines
Ramsar sites (Wetlands of International Importance)	None within 10 km radius from all of the applied mines
Unique or threatened ecosystems	None within 10 km radius from all of the applied mines
Important topographical features, including ridges, river valleys, shorelines, and riparian areas	None within 10 km radius from all of the applied mines
Mangrooves	None within 10 km radius from all of the applied mines
Physical Sensitive Receptors	None within 10 km radius from all of the applied mines
Notified Ground Water Zone by CGWA	None within 10 km radius from all of the applied mines
Critically Environmental polluted Area	None within 10 km radius from all of the applied mines
Pollution Sources	None within 10 km radius from all of the applied mines

## 1.2 Project Description

The proposed project of Barbaspur & Ghodhari Farshipathar/Limestone Quarry of 36.64 Ha is situated at Village- Barbaspur & Ghodhari , Tehsil- Mahasamund , District: Mahasamund , State: Chattishgarh. The life span of proposed mine block is 30years. The proposed method of mining is open cast semi mechanized mining.

**Table 2.1: Salient Features of the Proposed Mining Project**

SN	Name of the Applicant	Status of Operation (New Project or Existing Project)	Name of the Mineral to be mined	Type of land	Method of Mining	No. of working days
1	Archana Chandrakar	New Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual.	240
2	Jhhalaram Chandrakar	Existing Project	Farshi Pathar	Private & Government	Open-cast mining, mode of working will be manual.	240
3	Keshar Ganga Stone Industries (Prop. Dilip Talreja)	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual.	240
4	Anupama Ratre	Existing Project	Farshi Pathar	Government	Open-cast mining, mode of working will be manual.	240
5	Archana Chandrakar	Existing Project	Limestone	Government	Open-cast mining, mode of working will be manual.	240
6	Shanu Gupta	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual.	240
7	Hemant Chandrakar	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual.	240
8	Jhhalaram Chandrakar	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual.	240
9	Jhhalaram Chandrakar	Existing Project	Limestone	Government	Open-cast mining, mode of working will be manual.	240
10	Dilip Kumar Agrawal	Existing Project	Limestone(Fla gstone)	Government	Open-cast mining, mode of working will be manual.	240
11	Vijay Kumar Chandrakar	Existing Project	Farshi Pathar	Government	Open-cast mining, mode of working will be manual.	240
12	Jagdish Stone Industrie (Prop.Smt. Chanda Tawri)	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual.	240
13	Indrasen Bhandekar	Existing Project	Farshi Pathar	Private	Open Cast –Manual Method with the help of stone cutter machine on site	240

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SN	Name of the Applicant	Status of Operation (New Project or Existing Project)	Name of the Mineral to be mined	Type of land	Method of Mining	No. of working days
14	Kundan Parmar	Existing Project	Farshi Pathar	Private	Open Cast –Manual Method with the help of stone cutter machine on site	240
15	Leelaram Chaudhari	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual.	240
16	Om Prakash Chandrakar	New Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual.	240
17	Ajay farshi Udyog (Prop. - Kunwar Ajay Sahu )	Existing Project	Farshi Pathar	Government	Open-cast mining, mode of working will be manual.	240
18	Hemin Bai Markendey	Existing Project	Limestone(Flagstone)	Government	Open-cast mining, mode of working will be manual.	240
19	Hirendra Sahu	Existing Project	Limestone(Flagstone)	Government & Private	Open-cast mining, mode of working will be manual.	240
20	Chandrahas Chandrakar	Existing Project	Farshi Pathar	Government	Open-cast mining, mode of working will be manual	240
21	Arihant Tiles (Prop. - Manish Kothari)	Existing Project	Limestone	Government	Open-cast mining, mode of working will be manual	240
22	Arihant Tiles (Prop. - Manish Kothari)	Existing Project	Farshi Pathar	Government	Open-cast mining, mode of working will be manual	240
23	Dheeraj Kumar Kohali	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual	240
24	Shankar Lal Chandrakar	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual	240
25	Chandrashekhar Chandrakar	Existing Project	Limestone	Government	Open-cast mining, mode of working will be manual	240
26	Akhilesh Chandrakar	New Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual	240
27	Mahendra Pratap Sonwani	Existing Project	Limestone	Government	Open-cast mining, mode of working	240

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SN	Name of the Applicant	Status of Operation (New Project or Existing Project)	Name of the Mineral to be mined	Type of land	Method of Mining	No. of working days
					will be manual	
28	Devanand Chandrakar	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual	240
29	Ramanuj Chandrakar	Existing Project	Limestone	Private	Open-cast mining, mode of working will be manual	240
30	Balmukund Chandrakar	Existing Project	Farshi Pathar	Government	Open-cast mining, mode of working will be manual	240
31	Satan Kumar Parmar	Existing Project	Farshi Pathar	Government	Open Cast –Manual Method with the help of stone cutter machine on site.	240
32	Somesh Parmar	Existing Project	Farshi Pathar	Government	Open Cast –Manual Method with the help of stone cutter machine on site	240
33	Rajendra Chandrakar	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual	240
34	Rajendra Chandrakar	Existing Project	Farshi Pathar	Government	Open-cast mining, mode of working will be manual	240
35	Santosh Yadav	Existing Project	Limestone	Government	Open-cast mining, mode of working will be manual	240
36	Mahendra Kumar Sahu	Existing Project	Farshi Pathar	Government	Open-cast mining, mode of working will be manual	240
37	Lakhan Lal Koshriya	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual	240
38	Amit Kumar Wasnik	Existing Project	Farshi Pathar	Government	Open-cast mining, mode of working will be manual	240
39	Ajay Chandrakar	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual	240
40	Ganesh Ram Chandrakar	Existing Project	Farshi Pathar	Government	Open-cast mining, mode of working will be manual	240
41	Milan Nishad	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working	240

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SN	Name of the Applicant	Status of Operation (New Project or Existing Project)	Name of the Mineral to be mined	Type of land	Method of Mining	No. of working days
					will be manual	
42	Rajesh Chandrakar	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual	240
43	Dular Ram Parmar	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual	240
44	Manoj Kumar Chandrakar	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual	240
45	Ashok Sahu	Existing Project	Farshi Pathar	Government	Open-cast mining, mode of working will be manual	240
46	Suresh Chandrakar	Existing Project	Farshi Pathar	Private	Open Cast –Manual Method with the help of stone cutter machine on site.	240
47	Leeladhar Chandrakar	Existing Project	Limestone (Flagstone)	Government	Open-cast mining, mode of working will be manual	240
48	Balmukund Chandrakar	Existing Project	Farshi Pathar	Government	Open-cast mining, mode of working will be manual	240
49	Sitaram Kenwat	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual	240
50	Ramanuj Chandrakar	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual	240
51	Khemlal Chandrakar	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual	240
52	Indrasen Bhandekar	Existing Project	Farshi Pathar	Government	Open Cast –Manual Method with the help of stone cutter machine on site.	240
53	Sushil Jangde	Existing Project	Farshi Pathar	Government	Open-cast mining, mode of working will be manual	240
54	Dineshwar Chandrakar	Existing Project	Farshi Pathar	Private	Open-cast mining, mode of working will be manual	240

SN	Name of the Applicant	Status of Operation (New Project or Existing Project)	Name of the Mineral to be mined	Type of land	Method of Mining	No. of working days
55	Subhadra Devi	Existing Project	Limestone	Government	Open-cast mining, mode of working will be manual	240
56	Khadan Kamgaar Samiti (President -Nathuram Banjare)	Existing Project	Limestone	Government	Open-cast mining, mode of working will be manual	240
57	Lalit Kumar Chandrakar	Existing Project	Limestone	Government	Open-cast mining, mode of working will be manual	240

#### Salient Features of the Proposed Mining Project

SN	Name of the Applicant	Mine Area	Ultimate depth of mining	Ground Water Table	Mineable Reserves	Applied Annual Production Capacity	Balance lease period in year
1	Archana Chandrakar	0.64	8.00 m	30 m	50,225.00 MT	5,328.00 TPY	30
2	Jhhalaram Chandrakar	0.50	6.00 m	30 m	8,620.00 MT	1,213.00 TPY	20
3	Keshar Ganga Stone Industries (Prop. Dilip Talreja)	0.83	21.00 m	32 m	1,28,057.50 MT	6,712.50 TPY	11
4	Anupama Ratre	1.00	12.00 m	25 m	95,582.50 MT	5,937.50 TPY	26
5	Archana Chandrakar	1.42	10.00 m	30 m	1,62,112.50 MT	9,975 TPY	8
6	Shanu Gupta	0.83	9.00 m	25 m	8,40,22.50 MT	3,412.50 TPY	19
7	Hemant Chandrakar	0.18	6.00 m	30 m	1,330.00 MT	288.00 TPY	19
8	Jhhalaram Chandrakar	0.41	10.00 m	25 m	16,764.00 MT	1062.75 TPY	8
9	Jhhalaram Chandrakar	0.40	10.00 m	25 m	19,425.00 MT	746.25 TPY	6
10	Dilip Kumar Agrawal	1.04	6.00 m	25 m	25,255.00 MT	2210.00 TPY	5
11	Vijay Kumar Chandrakar	0.80	12.00 m	30 m	92,737.50 MT	8213.00 TPY	17
12	Jagdish Stone Industrie (Prop.Smt. Chanda Tawri)	0.33	4.00 m	32 m	2,515.00 MT	500.00 TPY	17

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SN	Name of the Applicant	Mine Area	Ultimate depth of mining	Ground Water Table	Mineable Reserves	Applied Annual Production Capacity	Balance lease period in year
13	Indrasen Bhandekar	0.30	6.00 m	25 m	14,110.00 MT	1447.50 TPY	20
14	Kundan Parmar	0.30	10.00 m	25 m	23,351.87 MT	2883.75 TPY	15
15	Leelaram Chaudhari	0.56	12.50 m	25 m	55,860.00 MT	2300.00 TPY	26
16	Om Prakash Chandrakar	0.82	8.00 m	30 m	61,500 .00 MT	6100.00 TPY	30
17	Ajay farshi Udyog (Prop. - Kunwar Ajay Sahu )	0.64	6.00 m	25 m	37,453.75 MT	2805.00 TPY	17
18	Hemin Bai Markendey	0.22	9.00 m	25 m	11,378.00 MT	1125.00 TPY	8
19	Hirendra Sahu	0.56	11.00 m	30 m	12,835.00 MT	2335.00 TPY	8
20	Chandrasah Chandrakar	0.50	9.00 m	30 m	17,872.50 MT	1762.50 TPY	17
21	Arihant Tiles (Prop. - Manish Kothari)	0.48	15.00 m	25. m	29,444.11 MT	2988.75 TPY	18
22	Arihant Tiles (Prop. – Manish Kothari)	0.48	10.00 m	25 m	46,042.50 MT	4630.00 TPY	18
23	Dheeraj Kumar Kohali	0.86	6.00 m	25 m	56,534.08 MT	2905.00 TPY	18
24	Shankar Lal Chandrakar	1.35	8.50 m	25 m	1,63,812.00 MT	3937.50 TPY	20
25	Chandrashekhar Chandrakar	0.30	10.00 m	25 m	12,845.94 MT	588.75 TPY	6
26	Akhilesh Chandrakar	1.21	8.00 m	30. m	1,07,722.50 MT	10780.00 TPY	30
27	Mahendra Pratap Sonwani	0.32	9.00 m	25 m	9,810.00 MT	937.50 TPY	6
28	Devanand Chandrakar	0.25	9.00 m	30 m	9,907.50 MT	2002.50 TPY	9
29	Ramanuj Chandrakar	0.75	18.00 m	32 m	90,772.50 MT	4378.75 TPY	19
30	Balmukund Chandrakar	0.80	10.00 m	25 m	36,620.00 MT	1575.00 TPY	19
31	Satan Kumar Parmar	0.72	15.00 m	25 m	65,451.80 MT	1462.50 TPY	9
32	Somesh Parmar	0.45	12.00 m	25 m	16,447.50 MT	798.75 TPY	15
33	Rajendra Chandrakar	0.59	8.00 m	30 m	45,402.50 MT	4533.00 TPY	30
34	Rajendra Chandrakar	1.679	15.00 m	30 m	1,54,887.5 MT	9525.00TPY	5
35	Santosh Yadav	0.85	15.00 m	30 m	85,263.75 MT	9375.00 TPY	14
36	Mahendra Kumar Sahu	0.58	10.00 m	25 m	36,855.31 MT	3225.00 TPY	14

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SN	Name of the Applicant	Mine Area	Ultimate depth of mining	Ground Water Table	Mineable Reserves	Applied Annual Production Capacity	Balance lease period in year
37	Lakhan Lal Koshriya	0.46	9.00 m	30 m	20,926.25 MT	1725.00 TPY	18
38	Amit Kumar Wasnik	0.90	10.00 m	25 m	1,10,289.06 MT	2013.00 TPY	14
39	Ajay Chandrakar	0.71	10.00 m	25 m	16,420.00 MT	1245.00 TPY	7
40	Ganesh Ram Chandrakar	0.48	12.00 m	25 m	28,625.00 MT	1327.50 TPY	9
41	Milan Nishad	0.22	11.00 m	25 m	9,990.00 MT	1233.75 TPY	14
42	Rajesh Chandrakar	0.81	15.00 m	30 m	111554.00 MT	1751.25 TPY	9
43	Dular Ram Parmar	0.45	9.00 m	32 m	23,022.50MT	2375.00 TPY	25
44	Manoj Kumar Chandrakar	0.36	10.00 m	25 m	24,830.00 MT	2325.00 TPY	12
45	Ashok Sahu	0.70	8.00 m	25 m	22,174.50 MT	2191.25 TPY	14
46	Suresh Chandrakar	0.72	12.00 m	25 m	69,437.50 MT	1425 .00 TPY	20
47	Leeladhar Chandrakar	0.20	9.00 m	32 m	9,446.25 MT	1357.50 TPY	5
48	Balmukund Chandrakar	0.24	15.00 m	25 m	9,456.75 MT	907.50 TPY	5
49	Sitaram Kenwat	0.45	10.00 m	30 m	22,673.75 MT	2062.50 TPY	18
50	Ramanuj Chandrakar	0.65	10.00 m	25 m	42,453.75 MT	3356.25 TPY	22
51	Khemlal Chandrakar	0.50	10.00 m	25 m	32,790.00 MT	2542.50 TPY	22
52	Indrasen Bhandekar	0.25	8.00 m	25 m	9,675.00 MT	963.75 TPY	17
53	Sushil Jangde	0.90	6.00 m	25 m	67,725.625 MT	1691.25 TPY	13
54	Dineshwar Chandrakar	0.29	8.00 m	25 m	12,530.00 MT	2275.00 TPY	17
55	Subhadra Devi	0.24	20.00 m	25 m	18,238.12 MT	1657.50 TPY	8
56	Khadan Kamgaar Samiti (President - Nathuram Banjare)	0.46	12.00 m	25 m	28,457.50 MT	2418.75 TPY	5
57	Lalit Kumar Chandrakar	0.70	8.00 m	25 m	38715.00 MT	1687.50 TPY	5

### 1.2.1 Water Requirement

The total water requirement shall be 290.50 KLD for Barbaspur & Ghodhari Farshi Pathar Mine respectively for domestic, green belt and sprinkling purpose, which will be sourced from Water Tankers from nearby village. Detail of water requirement is given below:

Dust suppression – 106.50 KLD

Green Belt –92.00 KLD

Domestic – 28.50 KLD

**Table 2.2 A: Water Requirement Details**

SN	Name of the Applicant	Lease Area in hect	For Greenbelt Development	For Dust Suppression	For Domestic Purpose	For Stone Cutting Machine	Total in KLD
1	Archana Chandrakar	0.64	2.00	2.00	0.50	2.00	<b>6.50</b>
2	Jhhalaram Chandrakar	0.50	1.00	2.00	0.50	1.00	<b>4.50</b>
3	Keshar Ganga Stone Industries (Prop. Dilip Talreja)	0.83	2.00	2.00	0.50	1.00	<b>5.50</b>
4	Anupama Ratre	1.00	3.00	2.00	0.50	1.00	<b>6.50</b>
5	Archana Chandrakar	1.42	3.00	2.00	0.50	2.00	<b>7.50</b>
6	Shanu Gupta	0.83	2.00	2.00	0.50	1.00	<b>5.50</b>
7	Hemant Chandrakar	0.18	1.00	1.00	0.50	1.00	<b>3.50</b>
8	Jhhalaram Chandrakar	0.41	2.00	2.00	0.50	1.00	<b>5.50</b>
9	Jhhalaram Chandrakar	0.40	2.00	2.00	0.50	1.00	<b>5.50</b>
10	Dilip Kumar Agrawal	1.04	2.00	2.00	0.50	1.00	<b>5.50</b>
11	Vijay Kumar Chandrakar	0.80	2.00	1.50	0.50	1.00	<b>5.00</b>
12	Jagdish Stone Industrie (Prop.Smt. Chanda Tawri)	0.33	1.00	1.50	0.50	1.00	<b>4.00</b>
13	Indrasen Bhandekar	0.30	1.00	2.00	0.50	1.00	<b>4.50</b>
14	Kundan Parmar	0.30	1.00	2.00	0.50	1.00	<b>4.50</b>
15	Leelaram Chaudhari	0.56	2.00	2.00	0.50	1.50	<b>6.00</b>
16	Om Prakash Chandrakar	0.82	2.00	2.00	0.50	2.00	<b>6.50</b>
17	Ajay farshi Udyog (Prop. - Kunwar Ajay Sahu )	0.64	2.00	2.00	0.50	1.00	<b>5.50</b>
18	Hemin Bai Markendey	0.22	1.00	1.50	0.50	0.50	<b>3.50</b>
19	Hirendra Sahu	0.56	1.00	2.00	0.50	1.00	<b>4.50</b>
20	Chandrahas Chandrakar	0.50	1.00	1.50	0.50	1.00	<b>4.00</b>
21	Arihant Tiles (Prop. - Manish Kothari)	0.48	1.00	2.00	0.50	1.00	<b>4.50</b>
22	Arihant Tiles (Prop. - Manish Kothari)	0.48	1.00	2.00	0.50	1.00	<b>4.50</b>
23	Dheeraj Kumar Kohali	0.86	2.00	2.00	0.50	1.00	<b>5.50</b>
24	Shankar Lal Chandrakar	1.35	2.00	2.00	0.50	1.00	<b>5.50</b>
25	Chandrashekhar Chandrakar	0.30	1.00	2.00	0.50	1.00	<b>4.50</b>

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SN	Name of the Applicant	Lease Area in hect	For Greenbelt Development	For Dust Suppression	For Domestic Purpose	For Stone Cutting Machine	Total in KLD
26	Akhilesh Chandrakar	1.21	2.00	2.00	0.50	2.00	6.50
27	Mahendra Pratap Sonwani	0.32	1.00	2.00	0.50	1.00	4.50
28	Devanand Chandrakar	0.25	1.00	1.50	0.50	1.00	4.00
29	Ramanuj Chandrakar	0.75	2.00	2.00	0.50	1.00	5.50
30	Balmukund Chandrakar	0.80	2.00	2.00	0.50	1.00	5.50
31	Satan Kumar Parmar	0.72	2.00	2.00	0.50	1.00	5.50
32	Somesh Parmar	0.45	2.00	2.00	0.50	1.00	5.50
33	Rajendra Chandrakar	0.59	2.00	2.00	0.50	2.00	6.50
34	Rajendra Chandrakar	1.679	3.00	2.00	0.50	2.00	7.50
35	Santosh Yadav	0.85	2.00	2.00	0.50	1.00	5.50
36	Mahendra Kumar Sahu	0.58	2.00	2.00	0.50	1.00	5.50
37	Lakhan Lal Koshriya	0.46	1.00	1.50	0.50	1.00	4.00
38	Amit Kumar Wasnik	0.90	2.00	2.00	0.50	0.50	5.00
39	Ajay Chandrakar	0.71	1.00	2.00	0.50	1.00	4.50
40	Ganesh Ram Chandrakar	0.48	2.00	2.00	0.50	1.00	5.50
41	Milan Nishad	0.22	1.00	2.00	0.50	1.00	4.50
42	Rajesh Chandrakar	0.81	2.00	2.00	0.50	1.00	5.50
43	Dular Ram Parmar	0.45	1.00	1.50	0.50	1.00	4.00
44	Manoj Kumar Chandrakar	0.36	1.00	2.00	0.50	1.00	4.50
45	Ashok Sahu	0.70	2.00	2.00	0.50	1.50	6.00
46	Suresh Chandrakar	0.72	2.00	2.00	0.50	1.50	6.00
47	Leeladhar Chandrakar	0.20	1.00	2.00	0.50	1.50	5.00
48	Balmukund Chandrakar	0.24	1.00	1.50	0.50	1.00	4.00
49	Sitaram Kenwat	0.45	1.00	1.00	0.50	1.00	3.50
50	Ramanuj Chandrakar	0.65	2.00	2.00	0.50	1.00	5.50
51	Khemlal Chandrakar	0.50	2.00	2.00	0.50	1.00	5.50
52	Indrasen Bhandekar	0.25	1.00	2.00	0.50	1.00	4.50
53	Sushil Jangde	0.90	2.00	2.00	0.50	1.00	5.50
54	Dineshwar Chandrakar	0.29	1.00	1.00	0.50	1.00	3.50
55	Subhadra Devi	0.24	1.00	2.00	0.50	1.00	4.50
56	Khadan Kamgaar Samiti (President -Nathuram Banjare)	0.46	1.00	1.50	0.50	0.50	3.50
57	Lalit Kumar Chandrakar	0.70	2.00	2.00	0.50	1.00	5.50
	<b>Total ::</b>	<b>34.64</b>	<b>92.00</b>	<b>106.50</b>	<b>28.50</b>	<b>63.50</b>	<b>290.50</b>

### 1.2.2 Power Requirement

No power is required for mining purpose only for labour, admin building. State electricity board will supply the electricity. Electric power is available in the lease area.

### 1.2.3 Manpower Requirement

The mining project will generate direct & indirect employment. Local people will get direct employment, and some persons will also be affected indirectly and employed with allied and related industries, such as transportation, maintenance, etc. Following staff & workers are proposed to be employed: -

**Table 2.3 : Manpower Details**

SN	Name of the Applicant	Lease Area in hect	Manager	Mining Mate	Skilled	Unskilled	Total
1	Archana Chandrakar	0.64	1	1	5	-	7
2	Jhhalaram Chandrakar	0.50	1	1	2	-	4
3	Keshar Ganga Stone Industries (Prop. Dilip Talreja)	0.83	-	-	1	18	19
4	Anupama Ratre	1.00	-	-	6	9	15
5	Archana Chandrakar	1.42	1	1	9	-	11
6	Shanu Gupta	0.83	-	-	1	18	19
7	Hemant Chandrakar	0.18	1	1	1	-	3
8	Jhhalaram Chandrakar	0.41	-	-	1	15	16
9	Jhhalaram Chandrakar	0.40	-	-	1	18	19
10	Dilip Kumar Agrawal	1.04	-	1	-	12	13
11	Vijay Kumar Chandrakar	0.80	1	1	7	-	9
12	Jagdish Stone Industrie (Prop. Smt. Chanda Tawri)	0.33	1	1	1	-	3
13	Indrasen Bhandekar	0.30	-	1	-	18	19
14	Kundan Parmar	0.30	-	1	-	19	20
15	Leelaram Chaudhari	0.56	-	1	-	18	19
16	Om Prakash Chandrakar	0.82	1	1	6	-	8
17	Ajay farshi Udyog (Prop. - Kunwar Ajay Sahu )	0.64	-	1	-	12	13
18	Hemin Bai Markendey	0.22	-	1	-	18	19

SN	Name of the Applicant	Lease Area in hect	Manager	Mining Mate	Skilled	Unskilled	Total
19	Hirendra Sahu	0.56	1	1	2	-	4
20	Chandrahas Chandrakar	0.50	1	1	2	-	4
21	Arihant Tiles (Prop. Manish Kothari)	0.48	-	1	-	13	14
22	Arihant Tiles (Prop. -Manish Kothari)	0.48	-	-	6	9	15
23	Dheeraj Kumar Kohali	0.86	-	1	-	16	17
24	Shankar Lal Chandrakar	1.35	-	-	1	18	19
25	Chandrashekhar Chandrakar	0.30	-	-	1	18	19
26	Akhilesh Chandrakar	1.21	1	1	9	-	11
27	Mahendra Pratap Sonwani	0.32	-	1	-	18	19
28	Devanand Chandrakar	0.25	1	1	2	-	4
29	Ramanuj Chandrakar	0.75	-	1	-	18	19
30	Balmukund Chandrakar	0.80	-	1	-	18	19
31	Satan Kumar Parmar	0.72	-	1	-	18	19
32	Somesh Parmar	0.45	-	1	-	18	19
33	Rajendra Chandrakar	0.59	1	1	4	-	6
34	Rajendra Chandrakar	1.679	1	1	8	-	10
35	Santosh Yadav	0.85	1	1	8	-	10
36	Mahendra Kumar Sahu	0.58	-	-	1	15	16
37	Lakhan Lal Koshriya	0.46	1	1	2	-	4
38	Amit Kumar Wasnik	0.90	-	1	-	18	19
39	Ajay Chandrakar	0.71	-	-	1	18	19
40	Ganesh Ram Chandrakar	0.48	-	-	1	18	19
41	Milan Nishad	0.22	-	1	-	18	19
42	Rajesh Chandrakar	0.81	-	1	-	15	16
43	Dular ram Parmar	0.45	1	1	2	-	4
44	Manoj Kumar Chandrakar	0.36	-	1	-	19	20
45	Ashok Sahu	0.70	-	1	-	18	19
46	Suresh Chandrakar	0.72	-	1	-	18	19

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SN	Name of the Applicant	Lease Area in hect	Manager	Mining Mate	Skilled	Unskilled	Total
47	Leeladhar Chandrakar	0.20	-	-	1	10	11
48	Balmukund Chandrakar	0.24	-	1	-	15	16
49	Sitaram Kenwat	0.45	1	1	2	-	4
50	Ramanuj Chandrakar	0.65	-	1	-	15	16
51	Khemlal Chandrakar	0.50	-	1	-	18	19
52	Indrasen Bhandekar	0.25	1	1	-	18	20
53	Sushil Jangde	0.90	-	-	1	18	19
54	Dineshwar Chandrakar	0.29	1	1	2	-	4
55	Subhadra Devi	0.24	-	-	1	18	19
56	Khadan Kamgaar Samiti (President -Nathuram Banjare)	0.46	-	1	-	12	13
57	Lalit Kumar Chandrakar	0.70	-	1	-	18	19
	<b>Total</b>	<b>34.64</b>	<b>19</b>	<b>43</b>	<b>98</b>	<b>638</b>	<b>798</b>

### 1.3 Description of Environment

The area around the proposed mining site has been surveyed for physical features and existing environmental scenario. The field survey and baseline monitoring has been done from the period of **October 2021 to December 2021** (Winter Season).

The observations for winter season-( October 2021 –December 2021) are summarized below:

#### 1.3.1 Air Environment

The ambient air quality is carried out at 24 locations in and around the project site and studies are carried out as per CPCB standards. It is observed that, all the values are within the prescribed limits as per National Ambient Air Quality Standards (NAAQS), 2009.

The observations for Winter season - (October 2021 – December 2021) are summarized below

##### Particulate Matter (PM<sub>10</sub>) :

A maximum concentration of PM<sub>10</sub> is 72 µg/m<sup>3</sup> was observed at the AAQM-1,4 and minimum value of 50 µg/m<sup>3</sup> was observed at AAQM – 24.

##### Respirable Particulate Matter (PM<sub>2.5</sub>) :

A maximum concentration of PM<sub>2.5</sub> is recorded to be 28 µg/m<sup>3</sup> at AAQM-2 and minimum value of 10 µg/m<sup>3</sup> was observed at AAQM-8,9,12,13,18,21,22,24

#### Sulphur Dioxide (SO<sub>2</sub>):

Maximum concentration of SO<sub>2</sub> is observed to be 18 µg/m<sup>3</sup> at AAQM -6,11,16,17 and minimum value of 5 µg/m<sup>3</sup> observed at AAQM- 8,10,12,13,18,21,22

#### Oxides of Nitrogen (NO<sub>x</sub>):

Maximum concentration of NO<sub>x</sub> is observed to be 15µg/m<sup>3</sup> at AAQM – 15 & minimum value of 9 µg/m<sup>3</sup> observed at AAQM – 2,9,21,24

#### Carbon Monoxide (CO):

Maximum concentrations in the region are observed to be 0.9 mg/m<sup>3</sup> at AAQM-1,2,3,8,12,13,14,20,22 and minimum value of 0.4 mg/m<sup>3</sup> observed at AAQM-.15

#### **Silica**

Silica in the ambient air of the 10 Km radius of the study area of the project site has been analysed from the PM<sub>10</sub> filter paper of the Ambient Airquality monitoring stations mentioned in Table 3.3 (7601 ,Issue 3 as per NIOSH Methods). The result indicates that silica concentration in the surrounding of project site was found to be in the range of 0.1µg/m<sup>3</sup> to 0.3 µg/m<sup>3</sup>.

### **1. 3.2 Noise Environment**

Noise levels were monitored in Twentyfour locations including project within the study area. The noise levels ranged between 41 to 59 dB (A) during day time and noise levels ranged between 16 to 44 dB (A) during night time. Over all the monitored noise levels are found to be within the stipulated standards set by CPCB.

### **1.3.3 Water Environment**

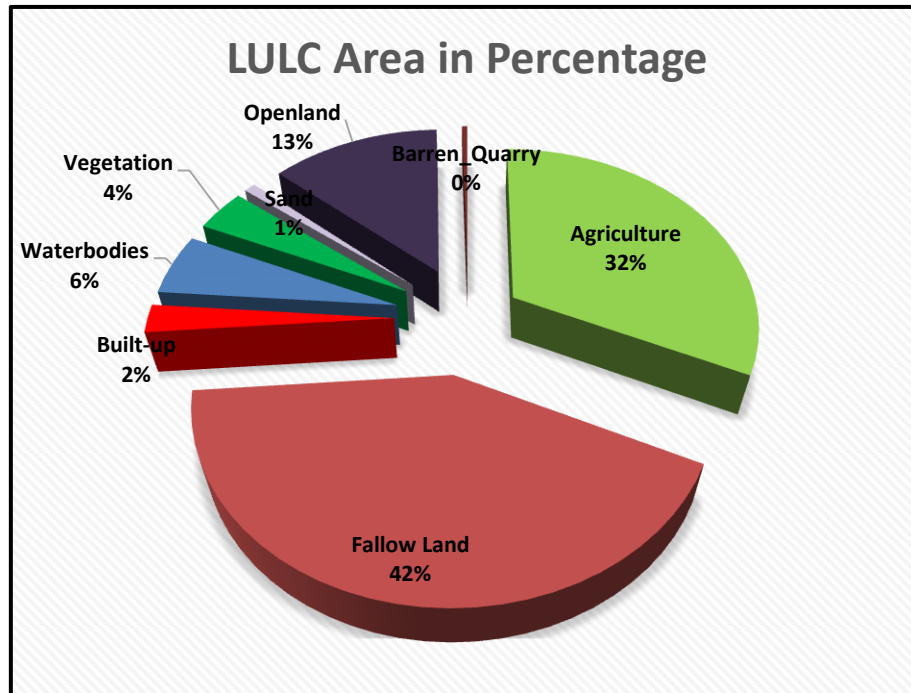
In order to establish the baseline water quality, 12 ground water and 12 surface water samples were collected and analyzed in the study area. The quality of surface water samples was compared with surface water specification IS 2296:1982 and the surface water quality comes under Class D (Propagation of wildlife and fisheries). The ground water samples were compared with drinking water specification IS 10500:2012 standards.

### **1. 3.4 Soil Quality**

A total of 12 samples in and around the project site are collected and analysed. It has been observed that the pH of the soil quality ranged from 7.2 to 7.7 indicating that the soil is slightly alkaline in nature.

### 1.3.5 Land Use/Land Cover of the Study Area

A hybrid Level-2 land use classification has been done using **Supervised Classification Method**. The bands 2,3,4,8 were found to be most appropriate. Finally 7 classes were derived and for the easier understanding and the image was classified. The classified land use pattern is given in Table 3.10 and represented in Figure no. 3.16. The False Color Composite of the area is presented in Figure no.1.2



**Figure1.3: LULC Classification (10 km radius Proposed Project Area) of the project site**

### 1.3.6 Biological Environment

Study of biological environment is one of the most important aspects for Environmental Impact Assessment. In view of the need for conservation of environmental quality and biodiversity study, biological environment is one of the most important aspects for Environmental Impact Assessment. Ecological systems show complex inter-relationships between biotic and abiotic components including dependence, competition and mutualism. Biotic components comprise of both plant and animal communities, which interact not only within and between them but also with the abiotic components viz. physical and chemical components of the environment. Generally, biological communities are the indicators of climatic and edaphic factors. The biological environment includes mainly terrestrial ecosystem and aquatic ecosystem. The mining

activities are one such external influence, which might affect the ecology of an area, if proper management measures are not taken.

### **1.3.7 Socio-economic Environment**

An environmental factor is a socio economic concern. The emphasis is mostly on the social and economic consequences of the proposed development's construction and operation. It covers characteristics such as demographic composition, access to basic utilities such as housing, education, health and health services, occupation, water supply, sanitation, connectivity, and power, prevalent local diseases, and characteristics such as tourist sites and ancient monuments. The examination of these criteria aids in defining and assessing the potential implications of project activity on the surrounding area. Every development effort has an immediate and indirect, positive and negative impact. Every development activity has an immediate and indirect, good and bad impact on the region's socioeconomic environment.

## **1.4 Anticipated Environment Impacts and Environment Management Plan**

### ***Land/Soil Environment Impact Mitigation***

The mitigation measure of the land environment includes:

- Before the mining activity the top soil will be scrapped and stored in the lease area and will be utilized for plantation purpose. Balance top soil if any preserved separately will be used to spread over partially reclaimed land.
- The farshi pathar excavated from the lease area will be completely sellable resulting no dump within the lease area
- At the end of conceptual period the excavated quarry will converted into water reservoir to supply water for local use like irrigation and pisciculture.
- Due to manual mining operation emission from the farshi pathar mines are very less, there will be no impact on the surrounding soil quality and cropping pattern of the area.
- The propose project falls under the seismic zone –II (Low Hazard Risk Zone). Since this project will not have physical infrastructure to be constructed, no impact of seismicity is envisaged in this project. Further, this project will not change/alter the seismic behavior of the area.
- ***Air Impact Mitigation***

The mitigation measures undertaken in the mine for control of air pollution are:

- Checking of vehicles and machinery to ensure compliance to Indian Emission Standards  
Transportation vehicles and machinery to be properly and timely maintained and serviced regularly to control the emission of air pollutants in order to maintain the emissions of NO<sub>x</sub> and SO<sub>x</sub> within the limits established by CPCB.

- 4 KLD water required towards dust suppression purpose for which 2 no. of water tanker with 2000 liter capacity will be hired and used for water sprinkling twice in a day in haul roads, dumping site, loading and unloading site of each lease within the cluster and this will be regularly monitored by the cluster management. Water sprinkling on transport road side, stock yard (if any) etc. will be done by tractor mounted water sprinkler.
- Regular compaction and grading of haul roads will be done to clear the accumulation of loose material
- All the mines workers will be provided with the dust masks.
- Trees can act as efficient biological filters. As this is a small lease, the area available for plantation is very less. However a well-planned plantation programme has been proposed for the mining area to arrest the dust pollution within the lease boundary. There is the proposal for continuous plantation along the cluster boundary and both side of the road connecting the cluster.
- Vehicles with valid PUC shall be used for transporting the minerals to avoid the exhaust emission.
- A greenbelt development plan is prepared with local species. The greenbelt on the periphery will reduce the dust levels.
- Regular monitoring of the air quality as per the monitoring plan detailed in Chapter 6 of this EIA report, shall be adopted during the operation phase, to ensure that, the air quality is within the desired limits prescribed by CPCB.

### ***Noise Impact Mitigation***

- No noise polluting work shall be carried out in the night hours
- Provision of PPE's for the workers
- Vehicles to be serviced regularly and maintained properly to avoid any unwanted generation of noise or vibration from them
- Green belt plantation and garden trees will help in reducing the noise, traffic related pollution and heat island effects.
- Proper lubrication, muffling and modernization of equipment shall be used to reduce the noise during operation phase.
- Regular monitoring of the noise levels as per the monitoring plan detailed in Chapter 6 of this EIA report, shall be adopted during the operation phase, to ensure that, the noise levels are within the limits prescribed by CPCB.

***Draft EIA Report for Barbaspur&Ghodhari Farshi Pathar Mine at Village-Barbaspur&Ghodhari Tehsil-Mahasamund, District –Mahasamund, State- Chattishgarh .***



### ***Water Impact Mitigation***

- Provision of temporary toilets for labourers
- Domestic waste water will be treated into septic tank followed by soak pit outside of the proposed cluster project with a safe distance and no wastewater will be allowed to be get discharged into the water body
- All stacking and loading areas should be provided with proper garland drains
- Check dams should be provided to prevent solids from wash off.
- Construction of garland drains around freshly excavated and dumped areas so that flow of water with loose material is prevented.
- The mine water should be passed through specially constructed catch pits to arrest any loose material being carried away with water.
- Any areas with loose debris within the leasehold should be planted.
- Garland drains should be constructed surrounding the waste dumps and should be connected to the surface water reservoir to avoid the run-off mixing directly to natural water channels before settling.
- Ground water table will not be intersected during the mining activity.

### ***Biological Impact Mitigation***

- Green belt will be developed along the core zone boundary which will act as a pollution barrier for the biological environment.
- The drilling and transportation will be carried out during the day time only minimizing the impact on the wild fauna movement.
- Fencing around the entire mine lease area is recommended in order to restrict the entry of stray animals into the mining area.

### ***Socio-Economic Environment Impact Mitigation***

- For the mining work, an average of 798 workers will be required in the project sites, which will be met from skilled and unskilled labourers from the local population as far as possible. Thus, the project can provide employment to local workers during the operation of mines.

- The area is considered as industrially backward. The population in general does not have opportunities of earning from employment. The only employment to depend on is agriculture, which is seasonal
- There is no human settlement in or around the mining block areas, hence no clearance of human settlement is required for the mining operation.
- The proposed mining project activity does not involve any resettlement and rehabilitation process as the project is freshly designed at representative site where none of the settlement is present.
- The mining activity could lead to increased nuisance level from air emissions and noise due to transportation of material and equipment as well as laborers.

### **1.5 Environmental Monitoring Program**

Environmental monitoring shall be carried out at the locations to assess the environmental health in the post period. A post study monitoring programme is important as it provides useful information on the following aspects.

- It helps to verify the predictions on environmental impacts presented in this study.
- It helps to indicate warnings of the development of any alarming environmental situations, and thus, provides opportunities for adopting appropriate control measures in advance.

Detailed EMP plan during the operation phase is given chapter 6 of EIA report.

### **1.6 Risk Assessment**

The hazards and its risk assessed during the operation phase of the proposed farshi pathar mining project are low, medium & high. The project proponents are proposed to implement all the mitigation measures to prevent the impact or consequences of the risk expected to be happened in both the project sites. The level of impact after implementing the mitigation measures will be low/medium in all the hazards identified.

### **1.7 Emergency Response and Disaster Management Plan**

Impact of disaster can be significantly reduced through attempts at preparedness, mitigation, and post-event rehabilitation work. Based on hazard identification in the proposed project, an emergency plan has been prepared and the same plan will be implemented by the project implementing agency with the coordination of District Authorities to minimize the damage. The risk assessment and disaster management plan is detailed in Chapter 7 of the EIA report.

### **1.8 Project Benefits**

Mining is back bone of infra-structure development of country. Proposed project has

following benefits as given below:

- Employment for local people
- Revenue for the State Government in form of excise duties, GST, taxes, levies etc.
- Generate business opportunity for the people
- Need based funds will be used for welfare of people in villages
- EMP funds will improve environmental quality.
- The operation of the farshi pathar mining would help to improve socio-economic condition of people in villages through separate fund allocated for Need Based Activity.

### ***1.9 Budget for Social Development***

The total estimated cost of the project is 462.04 lacs . Rs 12,95,000/- lac will be allocated for Need based activity for causes of village for drinking water, sanitation, education, health.

### ***1.10 Environment Management Plan (EMP)***

The detailed Environment Management Plan has been prepared based on the mining activities and the impacts imparting on land/soil, air, noise, water by the activities. The EMP and the cost for the environment protection measures are detailed in Chapter 10 of EIA report

### ***1.11 Conclusion***

As discussed, it is safe to say that the collection of minor minerals from the proposed lease area is not likely to cause any significant impact on the ecology of the area as the mineral is and waste generated is non-toxic and does not harm the surrounding environment.

Adequate measures will be taken to control the fugitive emissions to be generating during mining operation. Socio-economic condition of the surrounding villages will improve in long run due to involvement of local population and improvement of infrastructure facilities. Green belt development in the statutory boundary, approach roads, schools are proposed with the participation of local people. This proposed plantation in the area will improve the aesthetic look along with betterment of ecology and environment of the locality.

