

**ENVIRONMENTAL MONITORING REPORT
FOR THE MONTH OF APRIL
2022**

At the request of:

M/s. KHATKURBAHAL LIMESTONE MINES

Khatkurbahal, P.o. – Kutra, Dist.- Sundargarh
(Odisha)

Conducted By:



M/s. MITRA S.K. PRIVATE LIMITED

At/Po – Barbil
Dist.- : Keonjhar, (Odisha)
Pin - 758035.

A/P.O. : BARBIL Ward No - 6
 Dist. : Keonjhar, Odisha - 758035
 CIN : U51909WB1956PTC023037

T : 06767-275209, 94370-75269
 E : barbil@mitrask.co.in

Ref. No. BBL/ENV/3213

DATE: 04/05/2022

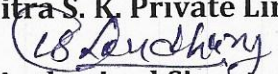
ANALYSIS REPORT OF AMBIENT AIR

Name of the Mines :			M/s. KHATKURBAHAL LIMESTONE MINES				
Address :			Khatkurbahal, Kutra, Dist. Sundargarh (Odisha)				
Sl. No.	Date of Monitoring	Location	Concentration of Pollutants				
			PM ₁₀ ($\mu\text{g}/\text{m}^3$)	PM _{2.5} ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO ₂ ($\mu\text{g}/\text{m}^3$)	CO (mg/m^3)
1	12/13.04.2022	Office Site (South)	71.5	39.7	6.8	20.8	0.34
2	12/13.04.2022	Mining Site (South)	75.4	41.6	6.6	20.2	0.31
2	12/13.04.2022	Khaturbahal Village	58.3	31.8	6.2	18.8	0.27
Limit as per CPCB notification, New Delhi, 18th Nov, 2009. for Ambient air quality			100	60	80	80	2
Sampling and Analysis done according to			IS: 5182 (Part-23) -1999	USEPA CFR-40,Part-50, Appendix-L	IS: 5182 (Part-2) -2001	IS: 5182 (Part-6) -2006	IS 5182: Part.10-1999
Barometric pressure (mm of Hg): 751			Temperature °C: 28-41		Climatic condition: Clear & Sunny		

Checked by:-




For Mitra S. K. Private Limited


 Authorised Signatory

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Ref No./BBL/ENV/3214

Date: 04/05/2022

CERTIFICATE OF NOISE MONITORING

Name of the Mines :		M/s. KHATKURBAHAL LIMESTONE MINES			
Address :		Khatkurbahal, Kutra, Dist. Sundargarh (Odisha)			
SL. NO.	Monitoring Location	Date & Time	Noise Level in dB (A)		
			Ld	Ln	Ldn
1.	Inside Lease Area	12/13.04.2022	54.4	31.8	39.1
2.	Mines Office Area	12/13.04.2022	53.9	32.3	39.8
3.	Khatkurbahal Village	12/13.04.2022	49.3	31.6	36.2

Note : Day Time : 6.00 AM -10.00 PM, Night Time: 10.00PM- 6.00AM

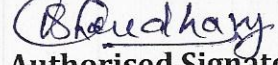
AMBIENT AIR QUALITY STANDARDS IN RESPECT OF NOISE AS PER CPCB GUIDELINES

AREA CODE	CATEGORY OF AREA / ZONE	LIMITS IN dB (A)	
		DAY TIME	NIGHT TIME
A	INDUSTRIAL AREA	75	70
B	COMMERCIAL AREA	65	55
C	RESIDENTIAL AREA	55	45
D	SILENE ZONE	50	40

Checked by:- 



For Mitra S. K. Private Limited


Authorised Signatory

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Ref. No.BBL/ENV/3215

Date: 04/05/2022

GROUND WATER LEVEL MONITORING

Name of the Mines :	M/s. KHATKURBAHAL LIMESTONE MINES	
Address :	Khatkurbahal, Kutra, Dist. Sundargarh (Odisha)	
Date of Monitoring	Location	Water Level below (in meters)
13.04.2022	Well at Khatkurbahal Village	8.15
13.04.2022	Near Mines Office Bore well	6.60

Checked by:-



For Mitra S. K. Private Limited

Authorised Signatory