S.N.S. (MINERALS) PRIVATE LIMITED, MAIHAR, Distt-S[illegible] M.P.)

Tilaura Limestone Mine, Area 3.774 ha

Air Quality Index

S.N.	PARAMETERS	RESULT	UNIT	AS PER MPPCB
1	Particulate Matter (MP_{10})	62.85	ug/m³	100.0
2	Particulate Matter ($MP_{2.5}$)	20.16	ug/m³	60.0
3	Sulphar Dioxide	10.48	ug/m³	80.0
4	Nitrogen Dioxide	19.60	ug/m³	80.0

Water Quality Index

As per IS:10500-2012

PARAMETERS	RESULT	DESIRABLE LIMIT
pH	7.51	6.5-8.5

Noise Quality Index

S.No.	TEST PARAMETER	RESULT	UNIT REQUIREMENT(as per CPCB Guidelines Limits in dB(A) Leq		
			CATEGORY OF AREA ZONE	DAY TIME	NIGHT TIME
1.	L_{day} (6.0 AM to 10.0 PM)	58.6	Industrial Area	75	70
2.	L_{night} (10.0 PM to 6.0 PM)	42.5	Commercial Area	65	55
			Residential Area	55	45
			Silence Zone	50	40