EXECUTIVE SUMMARY

(ENGLISH)

FOR

EXISTING MARBLE & MASONRY STONE CLUSTER MINING PROJECTS Carrying Capacity of Cluster: 17,92,900 TPA [AS PER EARILER GRANT OF E.C. & C.T.O.] Proposed Production Capacity [M L No.: -06/1997]: - 1,25,900 TPA [ROM]

Project cost of Cluster (Rs.): - 23.37 Cr.

Project Cost of Proposed Mining Project (Rs.): - 1.0 Cr..

Particulars	M.L No.	Production Capacity (TPA)	Area (ha.)	Khasra No.	Project Cost (Rs. Cr.)	Lease Validity
Shri Ramchandra Choudhary S/o Shri Satyanarayan Choudhary	06/1997	1,25,900	1.00	3164, 3197	1.0	Validity
M/s Balaji Enterprises	24	1,90,000	1.00	4330	2.49	
M/s Balaji Enterprises	25	2,00,000	1.0917	4330	2.39	
M/s Balaji Enterprises	26	2,50,000	1.3020	4330	3.03	
M/s Quality Earth Minerals Pvt. Ltd.	38	3,20,000	2.5896	5798/4308, 5716/4267, 4262, 4268	4.83	50 years
M/s Quality Earth Minerals Pvt. Ltd.	42	1,62,000	1.0223	4262	3.05	date of lease agreement
M/s Quality Earth Minerals Pvt. Ltd.	43	1,90,000	1.2874	4262	3.04	
M/s Quality Earth Minerals Pvt. Ltd.	44	1,65,000	1.1039	4262	3.04	
Shri Shambhu Singh Rathore S/o Shri Nathu Singh Rathore	08/2018	1,90,000	1.47035	4293, 4294	0.50	
DETAILS OF CLUST	TER	17,92,900	11.86725	-	23.37	

Baseline Study Period: - Summer Season [March to May 2023]

Near village:- Chhapoli (Nirka ki Dhani), Tehsil:- Udaipurwati, District:- Jhunjhunu (Raj.)

SUBMITTED BY PROJECT PROPONENT

RAMCHANDRA CHOUDHARY S/O SH. SATYANARAYAN CHOUDHARY Correspondence Address: - B-91, Antyodaya Nagar, Bikaner, Bikaner (Raj.)

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Existing Masonry Stone & Marble Cluster Mining Projects, M L No.: -06/1997, Area: - 1.00 ha. with Production Capacity: - 1,25,900 TPA [ROM], Existing Plot No.: - 24, 25, 26, 38, 42, 43, 44 & M L No. 08/2018 Cluster Area-11.86725 Ha, with production capacity of Cluster 17,92,900 TPA [ROM] Khasra No.- 3164, 3197 Near Village-Chhapoli (Nirka ki Dhani), Tehsil:- Udaipurwati, District:- Jhunjhunu (Raj.)

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1.0 PROJECT DESCRIPTION

Introduction 1.1

This is an Existing mining lease for for Existing Masonry Stone & Marble Cluster Mining Projects, M L No.: -06/1997, Area: - 1.00 ha. with Production Capacity: - 1,25,900 TPA [ROM], Existing Plot No.: - 24, 25, 26, 38, 42, 43, 44 & M L No. 08/2018 Cluster Area-11.86725 Ha, with production capacity of Cluster 17,92,900 TPA [ROM] Khasra No.- 3164, 3197 Near Village- Chhapoli (Nirka ki Dhani), Tehsil:- Udaipurwati, District:- Jhunjhunu (Raj.) Shri Ramchandra Choudhary S/o Shri Satyanarayan Choudhary

1.2 Type of The Project

This is an proposed Granite Mining Project, as per EIA Notification dated 14th September, 2006, as amended from time to time; the project falls under S.No.'1' (Mining of Minerals), Project or Activity -1(a) (4), Category "B1".

Need Of The Project 1.3

Ramchandra Choudhary S/o Shri Satyanarayan Choudhary. has a Existing Masonry Stone & Marble Cluster Mining Projects. The mined out mineral from the applied area will be used in industries. Besides this, the project will improve beneficial in terms of socio-economic development as it provides employment to locals. Further, the average income level, which will be the indicator of socio - economic status of house hold is expected to increase, which will be ultimately result in the better standard of living of the people

Brief Description Of The Project 1.4

TABLE - 1 BRIEF DESCRIPTION OF THE PROJECT

S. No.), Faiticulais		Details							
A.	A. Nature of projects		Existing Masonry Stone & Marble Cluster Mining Projects							
В.	Size of project									
(i)	Cluster Mining Lease area		11.86725 Hectare							
	Individual Mining Lea	ise.	Particulars	M.L No.	Status	Project Cost (Rs. Cr.)				
(ii) Area		Lease	Shri Ramchandra Choudhary S/o Shri Satyanarayan Choudhary	06/1997	Proposed	1.0				

Existing Masonry Stone & Marble Cluster Mining Projects, M L No.: -06/1997, Area: - 1.00 ha. with Production Capacity: - 1,25,900 TPA [ROM], Existing Plot No.: - 24, 25, 26, 38, 42, 43, 44 & M L No. 08/2018 Cluster Area-11.86725 Ha, with production capacity of Cluster 17,92,900 TPA [ROM] Khasra No.- 3164, 3197 Near Village—Chhapoli (Nirka ki Dhani), Tehsil:- Udaipurwati, District:- Jhunjhunu (Raj.)

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		M/s B	alaji Enterprises	24	O	perational	2.40			
		M/s B	alaji Enterprises	25	-	perational	2.49			
		M/s B	alaji Enterprises	26	0	perational	2.39			
		M/s	Quality Earth			perational	3.03			
		Min	erals Pvt. Ltd.	38	-	- Crational	4.83			
		Mine	Quality Earth erals Pvt. Ltd.	42	Op	perational	3.05			
		M/s	Quality Earth		On	erational	3.03			
		Mine	erais Pvt. Ltd.	43		erational	3.04			
		Mine	Quality Earth erals Pvt. Ltd.	44	Ор	erational	3.04			
		Shri SI	hambhu Singh		Op	erational				
		Rath	ore S/o Shri	08/2018			0.50			
(iii)		Nathu	Singh Rathore							
			Particulars		l.L		FIONED			
			i ditticulars	N	٥	CAPACI				
		Shri Ram	nchandra Choudha	TV	_	EC (TPA)			
		S/o S	hri Satyanarayan	06/1	997	1.24	5.000			
			Choudhary	00/1		1,23	5,900			
			Balaji Enterprises	24	1	1,90,000				
	Proposed Production	M/s B	alaji Enterprises	25	5	2,00	,000			
	capacity		alaji Enterprises	26	5	2,50	,000			
,		M/s Qua	lity Earth Mineral Pvt. Ltd.	s 38		3,20	.000			
		M/s Qual	lity Earth Minerals							
			Pvt. Ltd.	42		1,62,	,000			
		M/s Qual	ity Earth Minerals Pvt. Ltd.	43		1,90,	000			
		M/s Qual	ity Earth Minerals				180 400,100			
		L	Pvt. Ltd.	44	44		000			
		Shri Sham	bhu Singh Rathor	08/20	10	1,90,	000			
C.	Project Location	S/o Shri Na	athu Singh Rathor	e 08/20	18	1,90,	000			
(ii)	Village	7								
iii)	Tehsil	Chhapoli (N	irka ki Dhani)							
		Udaipurwati								
iv)	District	Jhunjhunu								
v)	State	Rajasthan								
		Shri Ramchar	ndra choudhary	-						
		Pillar	Latitude (N)		T -	m = it = 1 /2	-			
		FRP/T.I	75-34-19.8056	3		ngitude () 42-30.937				
/i)	Latitude & Longitude	A	75-34-8.42			7-42-29.72				
	The source of respective	В	75-34-5			7-42-30.85				
			C 75-34-6.26			27-42-33.9				
		D	75-34-9.69			7-42-32.77				
	7	Geographical	Location :-	*		52.11				
1 7	Toposheet No.									
		45 M/10			Environmental Settings of the Area (with distance & direction from mine site)					

Existing Masonry Stone & Marble Cluster Mining Projects, M L No.: -06/1997, Area: - 1.00 ha. with Production Capacity: - 1,25,900 TPA [ROM], Existing Plot No.: - 24, 25, 26, 38, 42, 43, 44 & M L No. 08/2018 Cluster Area-11.86725 Ha, with production capacity of Cluster 17,92,900 TPA [ROM] Khasra No.- 3164, 3197 Near Village Chhapoli (Nirka ki Dhani), Tehsil:- Udaipurwati, District:- Jhunjhunu (Raj.)

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i)	Nearest City	Jhur	ijhunu (~ 50.0 km	in se direction) Directio	n			
ii)		5. No.	Highway	Distance (km		-			
.,		1	SH-37	2.90 km	SW				
	Nearest Highway	2	SH-37B	~2.83km	East				
	, real error	3	SH-100	~9.70km	SE				
		4	SH-13	~10.70km	SE	•			
(iii)	Railway Station	Bhagega	a Railway station	at a distance	of 15.0 Kn	n in East			
(111)	raniva y com	directio	n from the mine site	e.					
(iv)	Airport	Jaipur	International Airpo	ort at a dista	nce of 100	Km in SE			
(10)	Allport	directio	n from the mine sit	e.					
(v)	Ecological Sensitive Areas	None,	within 10 km radius	area of the m	ine lease bout	ndary.			
(v)	(National Park, Wild Life								
	Sanctuaries, Biosphere								
	Reserves, Wildlife								
	Corridors, Tiger/ Elephant								
	Reserves)								
(vi)	Reserved / Protected Forest	Nam	e of Forest	Distance (kn	n) Direction	Direction			
(01)	within 15km radius	Khan	dela block P.F.	~2.34km	SW				
	William 22 and and	Kank	riya block P.F.	~3.65km	North				
		1.1	ar P.F.	~5.30km	SE				
		Ragh	nunathgarh Block	~8.80km	sw				
		P.F.				lie.			
		Ram	pura P.F.	~10.20km	SW				
(::\	Water bodies within 15 km				•				
(vii)	radius	Nan	ne of Water Bodies	Distance (k		ion			
	Tadius	Kan	tli River	~6.60km	SE				
		Uda	ypur Lohagara K	(i ~9.70km	West				
		Nac	di						
(viii) Seismic Zone		Zone – II as per IS: 1893 (Part-I) : 2002							
E.	*Project Cost of Cluste	er	7 CR.						
	(Rs.)	25.5	/ CK.						
-				M.L No.	Status	Project Cost			
u.		_,	Particulars	NO.		(Rs. Cr.)			
F.	*Project Cost of individu	al Si	hri Ramchandı	1 1					
	Mines		houdhary S/o Sh	ri 06/1997	Proposed	1.0			
1			atyanarayan						

Existing Masonry Stone & Marble Cluster Mining Projects, M L No.: -06/1997, Area: - 1.00 ha. with Production Capacity: - 1,25,900 TPA [ROM], Existing Plot No.: - 24, 25, 26, 38, 42, 43, 44 & M L No. 08/2018 Cluster Area-11.86725 Ha, with production capacity of Cluster 17,92,900 TPA [ROM] Khasra No.- 3164, 3197 Near Village— Chhapoli (Nirka ki Dhani), Tehsil:- Udaipurwati, District:- Jhunjhunu (Raj.)

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	Choudhary			
	M/s Balaji Enterprises	24	Existing	2.49
	M/s Balaji Enterprises	25	Existing	2.39
	M/s Balaji Enterprises	26	Existing	3.03
	M/s Quality Earth Minerals Pvt. Ltd.	38	Existing	4.83
	M/s Quality Earth Minerals Pvt. Ltd.	42	Existing	3.05
* ************************************	M/s Quality Earth Minerals Pvt. Ltd.	43	Existing	3.04
	M/s Quality Earth Minerals Pvt. Ltd.	44	Existing	3.04
	Shri Shambhu Singh Rathore S/o Shri Nathu Singh Rathore	08/2018	Existing	0.50

Reference: Site Visit & Approved Mining Plan with Progressive Mine Closure Plan

Existing Masonry Stone & Marble Cluster Mining Projects, M L No.: -06/1997, Area: - 1.00 ha. with Production Capacity: - 1,25,900 TPA [ROM], Existing Plot No.: - 24, 25, 26, 38, 42, 43, 44 & M L No. 08/2018 Cluster Area-11.86725 Ha, with production capacity of Cluster 17,92,900 TPA [ROM] Khasra No.- 3164, 3197 Near Village Chhapoli (Nirka ki Dhani), Tehsil:- Udaipurwati, District:- Jhunjhunu (Raj.)

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Location Map

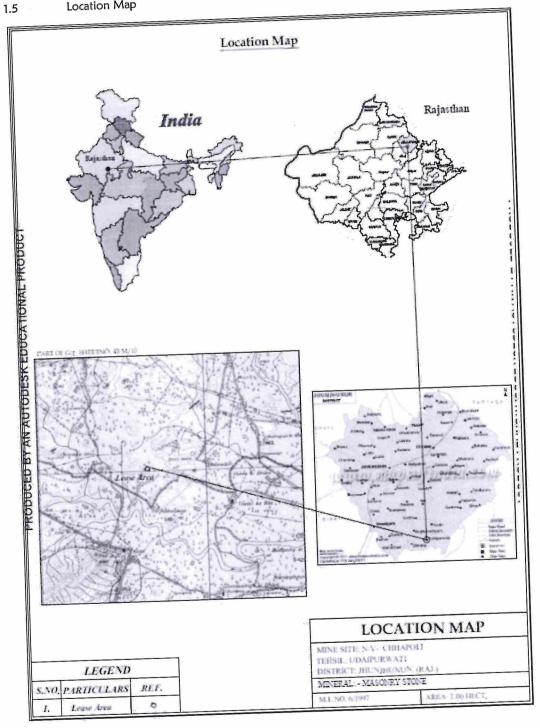


Figure 1: Location Map

Existing Masonry Stone & Marble Cluster Mining Projects, M L No.: -06/1997, Area: - 1.00 ha. with Production Capacity: - 1,25,900 TPA [ROM], Existing Plot No.: -24, 25, 26, 38, 42, 43, 44 & M L No. 08/2018 Cluster Area-11.86725 Ha, with production capacity of Cluster 17,92,900 TPA [ROM] Khasra No.- 3164, 3197 Near Village—Chhapoli (Nirka ki Dhani), Tehsil:- Udaipurwati, District:- Jhunjhunu (Raj.)

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1.6 Project Details

1.6.1 Mining Lease Status

				T	T	1				\neg		Т		7		
Date of EC/ToR		27-02-2023		02/04/2022	02/04/2023	02/01/2023	02/01/2023	20/10/2022			02/01/2023		03/11/2022		03/11/2022	03/02/2020
Date of Approved		13/12/2022		10/05/2022	10/05/2022	10/05/2022	1010012022	23/05/2022			23/05/2022	22/05/2022	23/03/2022	0000110100	23/03/20/22	14/02/2019
Date of LOI / Sanctioned		28/10/2021		06/04/2022	06/04/2022	06/04/2022		04/05/2022		04/05/2022		04/05/2022		04/05/2022		26/12/2018
Khasra No.		3164, 3197	0007	4330	4330	4330	5798/4308	3716/4267 , 4262,	4268	4262		4262	1	4262	1	4293, 4294
Production capacity (TPA)		1,25,900	1 00 000	1 0047 2 00 000	2,00,000	2,50,000	47	2.5896 3,20,000 5716/4267		1.0223 1,62,000		1,90,000		1,65,000		1,90,000
Area (ha.)		1.00	1 00	1 0017	11.000	1.3020		2.5896		1.0223		1.2874		1.1039		
M.L. /Plot No.		06/19 97	24	T	\neg	97		38		45		54		44		08/20 1.4703 18 5
 of of Mining Lease		Propose d	Existing	Existing	Evicting	funding.		Existing		Existing	Existing		Existing	Ø	Existing	-
Particulars	Shri Ramchandra	Choudhary S/o Shri Satyanarayan Choudhary	M/s Balaji Enterprises	M/s Balaji Enterprises	M/s Balaji Enterprises			M/s Quality Earth Minerals Pvt. Ltd.	: L. F. F. C. C. C. V. V.	Minerals Pvt. Ltd.	M/s Quality Earth	Minerals Pvt. Ltd.	M/s Quality Earth	Minerals Pvt. Ltd.	Shri Shambhu Singh	Rathore S/o Shri Nathu Singh Rathore

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Mining Details 1.6.2

Geological Reserve:

Mineral Tonnes
521612
260806
130403
912821

2.0 Use of Mineral

The mining project falls in the area of the district Jhunjhunu Rajasthan devoid of sufficient agriculture activities and other industrial growth. The earning sources of the region are limited. The region has scarcity of water. Mineral wealth of the state Rajasthan provides the employment opportunity to the people of the state. Mining is one of the major core sector industries which play a crucial role in the process of country economic development.

Method of Mining 1.6.3

The Proposed method of mining will be manual mining semi-mechanized. The height of bench will not be kept more than 6.0 mtr at the time & width of the benches will be always more than height done for the systematic working of open pit mines, benching will be done. The main development work will be the formation of systematic benching. This benching will also be given the desired production of mineral.

Bench Parameters shall be – 1. Height – 6m

2. Width - More than 6 mtr.

(Three time of widest m/c used)

Gradient of the haul road: - 1 in 16 (ramps).

Bench Parameters shall be for OB/Fracture: -

1. Height: - 3 mtr. More than

2. Width: - 3 mtr. More than

Extent of Mechanization 1.6.4

Following mines machinery arranging on hire basis. The details of loading equipments are as follows: -

TABLE: 3

Existing Masonry Stone & Marble Cluster Mining Projects, M L No.: -06/1997, Area: - 1.00 ha. with Production Capacity: - 1,25,900 TPA [ROM], Existing Plot No.: - 24, 25, 26, 38, 42, 43, 44 & M L No. 08/2018 Cluster Area-11.86725 Ha, with production capacity of Cluster 17,92,900 TPA [ROM] Khasra No.- 3164, 3197 Near Village-Chhapoli (Nirka ki Dhani), Tehsil:- Udaipurwati, District:- Jhunjhunu (Raj.)

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Machinery & Equipment

S.	Name of	1				ry & Equi				
No	machiner		24	7-2-	M.	L. No./Plo	ot No.			
	у	7	24	25	26	38	42	43	44	08/201
1.	Derrick Crane	2	1	1	1	1	1	1	1	8
2.	Jack Hammer	As require d	2	1	As require	1	As require	As require	1	1
3.	Compress or	1	1	2	d	1	<u>d</u> 2	d 1	1	1
4.	Wire Saw	As require d	As require d	As require	As require	As require	As require	As require	As require	As
5.	Dumper	3	2	d	d	d	d	d	d	require d
6.	Wagon drill m/c	1	1	1	1	1	1	2	1	1 1
7.	Water tanker	1	2	2	1	1	1	1	1	1
8.	Excavator	2	3	2					'	1
9.	Rock Breaker	As require d	1	0	0	1	0	3	1 1	1
2.0	DECCRIP	TION OF				11			1	

DESCRIPTION OF THE ENVIRONMENT 2.0

2.1 Presentation Of Results (Air, Noise, Water & Soil)

Baseline study of the study area was conducted during Summer Season (March to May, 2022).

Ambient Air Quality Monitoring reveals that the concentrations of PM10 for all the 08 AAQM stations were found between 50.0 to 80.6 [g/m3 and of PM2.5 were found to be between 21.4 to 44.4 [g/m3.

As par as the gaseous pollutants SO2 and NOx are concerned, the prescribed CPCB limit of $\[\] g/m3$ has never surpassed at any station. The concentrations of SO2were found to be in 22.3 [g/m3.

Ambient noise levels were measured at 6 locations around the Mine site. Noise levels varies from 43.5 to 54.5 Leq dB (A) during day time and during night time noise levels ranges from 33.7 to 43.4 Leq dB (A).

A review of the above-mentioned chemical analysis of ground water samples reveals that there is not much variation in chemical composition of water samples from hand pump & bore wells from nearby villages.

Analysis results of ground water reveal the following: -

- pH varies from 7.13 to 7.69
- . Total hardness varies from 325.28 mg/l to 410.88 mg/l.
- Total dissolved solids vary from 697 mg/l to 987 mg/l

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The ground water from all sources remains suitable for drinking purposes as per drinking water standards IS: 10500-2012.

Samples collected from identified locations indicate pH value ranging from 7.30 to 7.67, which shows that the soil is moderately alkaline in nature. Organic Carbon ranges from 0.38 % to 0.54 % in the soil samples. Sodium ranges from 91.7 mg/Kg to 183.7 mg/Kg and Phosphorous is. from 16.4 mg/Kg to 24.2 mg/Kg, respectively, whereas the Potassium is found to be ν ranging from 214.7 mg/Kg to 378.37 mg/Kg.

Biological Environment 2.2

Flora: Tree species which are most commonly found in the study area are:

Mangifera indica, Cassia fistula, Acacia catechu, Acacia nilotica, Ficus religiosa, Emblica officianalis, Ficus glumerata, Bahunia variegate, Tamarindus indica, Capparis deciduas, Euphorbia hirta, Butea monosperma, Dichrostachys cinerea, Syzygium cumini, Delonix regia, etc. Detailed list are described in Chapter-III of this Draft Cluster EIA/EMP Report.

Fauna: Animals which are most commonly found in the study area are described in Chapter-III of this Draft Cluster EIA/EMP Report.

2.3 Socio-Economic Environment

- ➤ [] The female literacy rate (51.31%) of the study area is comparatively lower than the male literacy rate (81.93%), which is quite alarming. Therefore, there is an urgent need for proper education facilities for girl child along with General Awareness Programs to eliminate gender discrimination which is being a general practice.
- > Education Awareness program can be conducted to make the population aware and better treatment for livelihood.
- > Vocational training session can be organized to provide self-employment to the women and unemployed youth.
- > Education and public awareness campaigns must be put in place to curb the pollution of water sources to promote the conservation of fresh water.
- > Some of the techniques include incentives for installation of rainwater collection.
- Challenge of the lack of education must remain focused on creating competencies and learning achievements.
- > Health care centre and ambulance facility can be provided to make the population get easy medical facilities.
- Natural Resource Management and Environmental Conservation.

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- On the basis of qualification and skills local youths can be employed.
- Long term and short term employments can be generated.
- Basic amenities and facilities should be made available to the people and there should be proper maintenance of the facilities already provided in the study area through various ESR activities conducted in the study area by company of the proposed mining projects.
- Maternity facility can be made available to avoid going far off places and unnecessary risks to get treatment at Tehsil headquarters.

3.0 ANTICIPATED ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

Impact on air-

The key air emissions from the mining activities (excavation, loading, haulage and transportation) will be particulate matter. Uses of proper mitigation measures will be taken like water sprinkling during transport activities & green area development along the road sides to control pollution.

Impact on water environment -

Impact on Surface Water There will be no surface water body within the mining lease area. No waste water will be generated during mining operation. Garland drains will be provided around the working pits and dumps, surface run off channelized in the lower most benches of the mine pit. The rain water collected in mining pit will be used for plantation and dust suppression. Waste water generated from rest shelter disposed in soak pits. There is not any significant impact on surface water.

Impact on Ground Water- Mining in the area is above ground water table. The water table range from 50-60 m bgl & working will be up to 20 m bgl, so therefore n anticipation is here.

There will be no toxic element in the mined out material, which may contaminate ground/ surface water.

There will be no significant impact on groundwater resources of buffer zone envisaged due to mining activity, as it is confined to a very small area and above water table.

Impact of noise – Major noise generating sources of the mining activity will be hydraulic excavator and vehicles used for transportation of mineral. The plantations also check propagation of noise in the surrounding areas. All the vehicles will be used for transportation are maintained regularly and checked for Pollution under Control.

Impact on land environment – Opencast mining activities may alter the landscape of the lease area but not have any effect on the surface features of the surrounding areas.

Existing Masonry Stone & Marble Cluster Mining Projects, M L No.: -06/1997, Area: -1.00 ha. with Production Capacity: -1,25,900 TPA [ROM], Existing Plot No.: -24, 25, 26, 38, 42, 43, 44 & M L No. 08/2018 Cluster Area-11.86725 Ha, with production capacity of Cluster 17,92,900 TPA [ROM] Khasra No.-3164, 3197 Near Village—Chhapoli (Nirka ki Dhani), Tehsil:- Udaipurwati, District:-Jhunjhunu (Raj.)

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4.0 POST PROJECT ENVIRONMENTAL MONITORING PROGRAMME

Environmental Monitoring Programme will be conducted for various environmental components as per conditions stipulated in Environmental Clearance Letter issued by SEIAA, Rajasthan & Consent to Operate issued by RSPCB. Six monthly compliance reports will be submitted on regular basis on 1st of June & 1st of December. Quarterly compliance Report for conditions stipulated in Consent to Operate will be submitted to SPCB on regular basis. Details of the Environmental Monitoring schedule, which will be undertaken for various environmental components, are detailed below:

TABLE- 4
POST PROJECT MONITORING

DESCRIPTION	FREQUENCY OF MONITORING
Ambient Air Quality at project site	Quarterly/ Half Yearly
Water Quality	Quarterly/ Half Yearly
Noise Level Monitoring	Quarterly/ Half Yearly
Soil Quality	Half Yearly/Yearly
Health Check- up	As per the guideline
	Ambient Air Quality at project site Water Quality Noise Level Monitoring Soil Quality

5.0 PROJECT BENEFITS

The project activity will help in combating the growing demand of mineral in the market & hence will help in the economic growth of the country. The project will help in improve living standards of workers from the nearby villages thus will be increase the social status of the villagers.

6.0 ENVIRONMENT MANAGEMENT PLAN

6.1 Air Pollution Control Measures

Following measures will be taken to control air/fugitive emission during mining operation:

- > Dust from blasting has been/will be momentarily and suppressed out soon with air in opencast mine.
- > Wet drilling has been/will be done.
- > Regular water spraying on the haul roads has been/will be done.
- Workers has been/will be provided with suitable PPEs as and when required.
- Green Belt has been/will be developed around the 7.5 mtr. mine boundary of each mine.
- > Same practice will be continued in future.

6.2 Water Quality Management

Existing Masonry Stone & Marble Cluster Mining Projects, M L No.: -06/1997, Area: - 1.00 ha. with Production Capacity: - 1,25,900 TPA [ROM], Existing Plot No.: - 24, 25, 26, 38, 42, 43, 44 & M L No. 08/2018 Cluster Area-11.86725 Ha, with production capacity of Cluster 17,92,900 TPA [ROM] Khasra No.- 3164, 3197 Near Village—Chhapoli (Nirka ki Dhani), Tehsil:- Udaipurwati, District:- Jhunjhunu (Raj.)

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- > No waste water has been/will be generated during the mining activities.
- > Garland drains has been/will be provided around the working pits.
- > The rain water collected in mining pit has been/will be used for plantation, dust suppression requirements.
- > Same practices will be continued in future.

6.3 Noise Management

- Proper maintenance of all machineries has been/will be carried out which will be help in reducing generation of noise during operations.
- Workers has been/will be exposed to high noise levels provided with ear muffs/plugs & will be persuaded to use the same.
- Adequate silencers has been/will be provided in all the diesel engines.
- Green Belt has been/will be developed around the 7.5 mtr. mine boundary of each mine to minimize noise propagation.
- Periodic noise level monitoring has been/ will be done.
- Same practices will be continued in future.

6.4 Solid Waste Management

- > Waste will be stacked as per approved Mining Plan & Cluster Mining Plan with PMCP
- > All safety measures will be taken to stabilize waste dumps. Retaining wall will be made at the towards lower side.

7.5 Greenbelt Development and Plantation Programme

- During the first year of mining operation Green belt/Plantation will be done in 0.33 ha. i.e. 330 sapling, , which will be equal to 33% of the total lease area.
- The trees will be planted @ 1000 saplings per hectare of land species will be like: Acacia arabica (Desi Babool), Azadirachta indica (Neem), Euphorbia hirta (Bhurat Ghas), Ricinus communis (Arandi), Withania somnifera (Ashwagandha), Cassia fistula (Amaltas) etc.
- The same will be maintained & enhanced in future.
- > The plant species will be selected in consultation with forest department.

7.76 Socio-Economic Environment

- > As the mining activities increase, better employment opportunity.
- Company recruits the semi skilled & unskilled workers from the nearby villages thus increasing the social status of the villagers.

Existing Masonry Stone & Marble Cluster Mining Projects, M L No.: -06/1997, Area: - 1.00 ha. with Production Capacity: - 1,25,900 TPA [ROM], Existing Plot No.: - 24, 25, 26, 38, 42, 43, 44 & M L No. 08/2018 Cluster Area-11.86725 Ha, with production capacity of Cluster 17,92,900 TPA [ROM] Khasra No.- 3164, 3197 Near Village Chhapoli (Nirka ki Dhani), Tehsil:- Udaipurwati, District:- Jhunjhunu (Raj.) Executive Summary of Draft EIA/EMP Report

