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VILLAGE - KHERI BATTAR, TEHSIL - CHARKHI DADRI, DISTT. - CHARKHI DADRI (HR.)

D - RKC J.V.

Ref.

Date: 24.11.2023

To

The Director, Ministry of Environment, Forests& Climate Change, Northern Regional Office, Sector-31, Dakshin Marg, Chandigarh-160030

Sub: Submission of Six Monthly Compliance Report of Stipulated Conditions of Environment Clearance for proposed stone along with associates Minor Minerals at Kheribattar plot -2 over an area 42.01 Ha tehsil & District Charkhi Dadri, Haryana for Submission period of December - 2023.

Ref. No. 1. SEIAA/HR/2016/875 dated: 04.10.2016 2. 13-27/2016(ENV)/413 dated: 02.12.2019

Sir,

In accordance to the EC letter as above stated received from State Environment Impact Assessment Authority (SEIAA) vide letter SEIAA/HR/2016/875 dated: 04.10.2016. We are submitting herewith six monthly compliance report of stipulated conditions of Environment Clearance (Soft only) along with laboratory analysis results the specific and general conditions and relevant annexure.

We fully assure you that we will comply with all conditions as specified in the Environment clearance granted us.

For M/s ASD RKC JV Authorised Signatory Name Sanjeev Kumar Singh Designation-**Business Head**

E-mail - singh_sanjiv@rediffmail.com Contact No.- +91 98330 80030

contact No.- +91 98330

Copy to:

- 1. State Environment Impact Assessment Authority (SEIAA), Bay No. 55-58, Paryatan Bhavan, Sector-2, Panchkula, Haryana.
- 2. The Chairmen, Haryana State Pollution Control Board (HSPCB), Sector-6, Panchkula

SIX MONTHLY ENVIRONMENTAL COMPLIANCE MONITORING REPORT OF STIPULATED CONDITIONS OF ENVIRONMENTAL CLEARANCE (Period - April 2023 to September 2023)

FOR

"Stone along with Associated Minor Minerals at Kheribattar Plot-2, Teshsil-Dadri, District-Bhiwani, Haryana.

> SUBMITTED BY: M/s ASD RKC J.V. 40, Laxmi Nagar, Near Sub City Centre, HiranMagri, Sector-8, Udaipur, Rajasthan-313002

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INTRODUCTION

1.1 About the Project

M/s ASD RKC J.V. has obtained the Environmental Clearance Letter from State Environment Impact Assessment Authority, Haryana for the Mining of "Stone along with Associated Minor Minerals" at Kheribattar Plot-2, over an area of 42.0 Ha. in Tehsil-Dadri, District-Bhiwani, Haryana Vide Ref. No. **SEIAA/HR/2016/875 on dated: 04.10.2016**.

The Total Lease area of the mine is 42.0 Ha. The total cost of the project is 4.23 Crores. The approval for the mining scheme and progressive mine closure plan was obtained from the Department of Mines & Geology, Haryana vide letter no. DMG/HY/MP/Kheribattar-3900-3903 dated 04.10.2021.

1.2 Purpose of the Report

As per the "Sub Para (i)" of "Para 10" of EIA Notification 2006, it is stated that "It shall be mandatory for the project management to submit six monthly compliance reports in respect of the stipulated prior environmental clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year" and as per compliance of condition mentioned in Environment Clearance Letter (i.e. Part B General Condition, point number IX), Six monthly compliance reports should be submitted to the Regulatory Authority of Central and State Government.

It is mandatory to submit a Six Monthly Compliance Report to show the status & compliance of all the Conditions mentioned in Environment clearance Letter, along with monitoring of various Environmental Parameters (as per CPCB Norms).

The regulatory authorities in this case are MoEF & CC, Delhi, MoEF & CC, Chandigarh,SEIAA and HSPCB, Panchkula. Various scheduled Site Visits were conducted by a team of Experts to Monitor Pollution related parameters as defined by CPCB / HSPCB. Samples for water and soil were also collected for further analysis.

Based on the Specific and General Conditions mentioned in the EC Letter, a Compliance Report was prepared on behalf of Project Proponent; details of which are present in Chapter – 2 entitled "Adherence of specific and general conditions".

This report is supposed to submit after every six month as per the conditions stipulated in Environment Clearance Letter. The Environmental assessment has been carried out to verify:

- 1) That the proposed project has not any adverse effect on the project site as well as its surrounding.
- 2) That there is compliance with the conditions stipulated in the Environmental Clearance Letter.
- 3) That the Project proponent is implementing the environmental safeguards and environmental pollution mitigative measures as suggested in approved Mining Plan, Form-1 and Environment Management Plan.
- 4) The non-conformity in the project with respect to the environmental implication of the project.

1.3 Methodology for Preparation of Report is as follows:

- 1) Study of EC Letter & Related Documents,
- 2) Site Visits by a Team of Experts,
- 3) Monitoring of Environment Parameters, viz. Ambient Air, Water, Noise, Soil & DG stack emissions,
- 4) Analysis of Samples collected during Monitoring,
- 5) Interpretation of Monitoring Results,
- 6) Preparation of six-monthly Environmental Compliance Report.

1.4 Generic Structure of Report:

- 1. Purpose of the Report, explaining the need of a Compliance Report and Methodology Adopted for preparation of Report.
- 2. Compliance Report, explaining the entire specific & general conditions given in the EC Letter and providing details w.r.t. each condition/ guideline.
- 3. Monitoring Reports & Analysis, showing the level of pollution/emission within the project site for various Environment Parameters.
- 4. Photographs showing status of the project and sampling/monitoring of environmental parameters.
- 5. Supporting Documents related mandatory for the project.



ADHERENCE OF SPECIFIC AND GENERAL CONDITIONS

Part A: Specific Conditions

S. No.		Specific Con	ditions	Reply
1.	Productio	rironmental Clean n of Stone al	rance is granted for ong with Associated	Agreed. Environmental Clearance was granted in favour of M/s ASD
	Year	as per below ment Bench mRL	Production	RKC J.V. for mining of stone along with associated Minor
	First	381, 372, 363, 354, 336, 327	70 lakh MT	Mineral at Khetibattar, Plot-2, Tehsil-Dadri, District- Bhiwani, Haryana by SEIAA vide letter no.
	Second	327, 318, 309, 300	70 lakh MT	SEIAA/HR/2016/875 dated 04.10.2016.
	Third	300, 291, 282	75 lakh MT	Copy of EC is enclosed as Annexure-1 .
	Fourth	282 & 273	80 lakh MT	
	Fifth	264 & 255	81.66 lakh MT	
2.	under Ai	r Act and Water / implement all th	all obtain prior CTO Act from HSPCB and e conditions stipulated	The Project Proponent has obtained CTO from State Pollution Control Board, Haryana. The letter number of the CTO IS 313100421CRDCT012611329 dated-07.07.2021 . The CTO is valid up to -30.09.2026 .
				Copy of the same is enclosed as Annexure-3 .
3.			nall carry out mining oproved Mining plan.	Mining activity is being carrying out strictly as per the Approved Mining Plan vide letter no. DMG/HY/MP/Kheribattar-3900-3903 dated 04.10.2021.
				Copy of the same is enclosed as Annexure-2 .
4.			hall ensure that the	Agreed.
	table an	d the mining	intersect groundwater operation should be bove the ground water	Mining activity is being carrying out strictly as per the approved mining plan vide letter no. DMG/HY/MP/Kheribattar-3900-3903 dated 04.10.2021. Copy of the same is enclosed as Annexure-2 .
5.			nporarily at earmarked	Agreed & Complied.
	period m	ore than three yea	be kept unutilized for a ars; it shall be used for nation in mining out	Top soil is being used in the plantation. The top soil occurs in the form of patches with thickness of 0.5m is being be removed by dozer and is being transported to soil stack yard at the statutory barrier of the lease area.
				Photographs of the plantation are attached as Annexure-4.
6.			ensure that no natural	Agreed.
		nrse/water body s ning operations.	hall be obstructed due	Mining Activity is being done as per approved mine plan & No natural water course/water body shall be obstructed due to any mining operation.
				Mining Plan is attached as Annexure-2.
7.	The over	burden generate	ed shall be stacked at	Agreed.
	earmarke kept activ	d dump site (s) o e for long period	nly and it shall not be of time. The maximum ing waste dumps shall	Mining activity is being done as per Approved Mining Plan vide letter no. DMG/HY/MP/Kheribattar-3900-3903

I		
	not exceed 5 meter in single terraces and the slope	dated 04.10.2021.
	angle shall not exceed 28° as per norms.	Copy of the same is enclosed as Annexure-2 .
8.	The dumping site selected and proposed shall be	Agreed & Complied.
	used for OB dump at the designated site within the lease area as per the approved mine plan. In no	OB dump is designated at site as per Approved Mining Plan.
	case the overburden should be dumped outside the lease area.	Photographs of OB Dump are attached as Annexure-5 .
9.	The benches height and slope shall be maintained	Agreed.
	as per approved mining plan.	The bench height and slope is being maintained as per Approved Mining Plan.
	i	Mining plan is attached as Annexure-2.
10.	Waste dump shall be terraced. The height of the dump and its slope shall not exceed as suggested in the approved mining plan. A retaining wall shall be constructed at the toe of the dump.	Agreed. Mining is being done as per Approved Mining Plan. Mining Plan is attached as Annexure-2.
11.	Garland drains shall be constructed to prevent the	Agreed.
	flow of the water in the dumps.	A Garland drain has been constructed to prevent water flow as per Approved Mining Plan.
		Photographs are attached as Annexure-7.
12.	Check dams shall be constructed in the seasonal rivulets to prevent the flow of fines to low lying areas during rains.	Check dams have been constructed in the seasonal rivulets to prevent the flow of fines in the low lying area during rainy season.
13.	The total waste generated in the present plan	Agreed & Complied.
	period shall be as envisaged, which shall be accommodated in old dumpsite in addition to the waste already dumped. Monitoring and management of rehabilitated areas shall continue until the vagetation becomes sall sustaining	There is no waste generation for present plan period. Monitoring of Pollution level is being check regularly.(Lab reports are attached as Annexure-8 .
	until the vegetation becomes self-sustaining. Compliance status shall be submitted to HSPCB and MOEF Zonal Office, Chandigarh on six monthly bases.	We are regularly submitting compliance status report to HSPCB and MOEF Zonal office, Chandigarh on six monthly bases. Submission receipt of last compliance report is attached as Annexure-20 .
14.	Drills shall either be operated with dust extractors	Agreed & Complied.
	or equipped with water injection system.	Drilling is being carried out as per Approved Mining Plan. Drills are equipped with water injection system.
		Photographs of the same are enclosed as Annexure-12 .
15.	The higher benches of excavated void/mining pit shall be terraced and plantation done to stabilize the slopes. The slope of higher benches shall be made gentler for easy accessibility by local people to use the water body. Peripheral fencing shall be carried out along the excavated area.	Agreed. The higher benches of mining pit will be terraced and plantation is being done to stabilize the slope. Mining Plan is attached as Annexure-2 . Peripheral fencing has been carried out along the excavated area.
16.	Catch drains and siltation ponds of appropriate size shall be constructed for size shall be constructed for the working pit. OB dumps and mineral dumps to arrest flow of silt and sediment. The water so collected shall be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly de-	Agreed. Catch drains of appropriate size constructed to arrest flow of silt and sediment. The collected water is being utilizing for watering the mine area, roads, green belt development etc. The drains are being maintained regularly.

	silted, particularly after monsoon and maintained properly.	Photograph is attached as Annexure-7 .
17.	Garland drains; setting tanks and check dams of appropriate size, gradient and length shall be constructed both around the mine pit and over burden dumps and sump capacity shall be constructed designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity shall also provide adequate pits shall be constructed at the corners of the garland drains and de-silted.	Agreed. Garland drains; settling tanks and check dams have been constructed of appropriate size and gradient around the mine pits & dump. Photograph is attached as Annexure-7 .
18.	Dimension of the retaining wall at the toe of dumps and OB benches within the mine to check run-off and siltation shall be based on the rainfall data.	Noted.
19.	Green belt should be developed as per the proposed plantation as given in the proposal. Plantation should be carried out in phased manner. The green belt should be developed in the safety zone around the mining lease by planting the native species around ML area, OB dumps, backfield and reclaimed around water body, road etc. in consultation with the local DFO/Agriculture Department.	Agreed. The plantation is being done as per approved mining plan in consultation with local DFO/Agriculture Department. Photographs of the plantation are attached as Annexure-4 .
20.	Regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of SPM and RPM such as haul road, loading and unloading point and transfer points. The project proponent shall adopt water curtain technology to suppress the RPM as per the assurance given. It shall be ensured that the Ambient Air Quality Parameters conform to the norms prescribed by the CPCB.	Agreed. Regularly water sprinkling is being done on main haulage roads and loading and unloading areas with water tankers fitted sprinklers. Photographs of water sprinkling are enclosed as Annexure- 13 . Ambient Air Quality reports are attached as Annexure-8 .
21.	The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.	Agreed. Ground water level & quality is being checked regularly . Lab reports are enclosed as Annexure-8.
22.	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease. The monitoring shall be carried out four times in a year pre-monsoon (April-May), monsoon (August), post monsoon (November); winter (January) and the data thus collected may be sent regularly to MOEF Regional Office, Chandigarh and Regional Director CGWB.	Regular monitoring of ground water level and ground water quality has been carried out in and around the mine lease. Lab reports are attached as Annexure-8 . Ground water level data in and around the mine area for Pre Monsoon (May) and Monsoon (August) are given in Table 3.11 of the chapter-3 .
23.	Data on ambient air quality and stack emissions shall be submitted to Haryana Pollution Control Board once in six months carried out by MOEF/NABL/CPCB/Government approved lab.	Agreed. The lease holder has engaged an NABL accredited Laboratory to conduct Monitoring and the reports being submitted to Haryana Pollution Control Board once in Six months. Lab reports are attached as Annexure-8 .

24.	Vehicular emission shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The vehicles shall be covered with a tarpaulin and shall not be overloaded. The project proponent shall ensure that the vehicle must have pollution under control certificate.	Agreed. PUC Certificate for the vehicles has been obtained from authorized centers. During transportation all the haulage roads including the main ramp from the mines pit will be kept wide, leveled, compacted and properly maintained and watered regularly during the operation to prevent generation of dust due to movement of trucks dumpers and other vehicles. PUC Certificate of the vehicles are attached as Annexure-
		16.
25.	Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigation measures for control of ground vibrations and to arrest fly rocks and boulders shall be implemented.	 Blasting is being conducted during day time as per the approved mining scheme as well as DGMS guidelines. The mitigation measures to reduce the impact due to blasting are as follows: Silencer in the machineries is being provided to reduce generation of noise. Drilling with sharp edges bits will minimize generation of noise. Control blasting is being done with proper charge of explosive to minimize noise during blasting. Regular Noise monitoring is being conducted regularly at the project site. (Lab report attached as Annexure- 8.) Blasting Certificate (Permission) has been obtained from Competent authority and has been attached as Annexure-11.

26.	The blasting operation will be carried out as per the norms of Director (Mines & Safety), Ghaziabad. Take all safety measures as per the various mining regulations.	Agreed. Blasting is being conducted in day time as per the norms of Director (Mines & Safety), Ghaziabad.
		The safety measures to reduce the impact due to blasting are as follows:
		 The position of every deep-hole to be drilled is being distinctly marked by the foreman so as to be readily seen by the drillers. No drilling has commenced in an area, where shot have been fired, until the blaster has made through examination at all places. Shots shall not be fired except during working hours of day-light. Siren has blown over the entire area falling within the radius of 500m from the place of firing. Two persons posted, one in either direction at the two extreme points of the road lying within the danger zone. The number of detonators issued to, and in the position of a blaster during his shift shall not exceed the maximum number of shots that's he is permitted to fire. Shot firing tools such as electric lamp or torch, a tool made entirely of wood suitable for charging and stemming. A scraper made of brass or wood, a knife for cutting off fuses, crimpers, picker shall be provided by the owner. Blasting Certificate (Permission) has been obtained from competent authority and has been attached as Annexure-11.
27.	The project proponent shall take all precautionary measures during mining operations for conservations and protection of endangered fauna. If any, spotted in the study area. A plan for conservation shall be drawn and approved by the State Wildlife Department. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. All the safeguard measures brought out in the wildlife conservation plan so prepared specific to the project site shall be effectively implemented. A copy of action plan may be submitted to the HSPCB and MOEF, Regional Office, Chandigarh within 3 months.	Agreed. NOC of forest has been taken from Forest Department and Letter number is 1938 date- 03.11.2015. Copy of the same is enclosed as Annexure-6 .
28.	As envisaged, the Project Proponent shall invest at least an amount of Rs. 54 lakh as cost for implementing various environmental protection measures including recurring expense per year.	The total cost of project is 4.23 Crores. The project proponent has invested amount of Rs. 30,49,988 as cost for implementing various environmental protection measures including recurring expenses in year 2022-2023. Expense Details on EMP has been attached as Annexure - 9.
29.	A sum of Rs. 24.5 lakh shall be earmarked by the Project Proponent for investment as on socio economic upiftment activities of the area	Agreed. Budget allocation for CSR Activities is 24.5 Lakh for five

	particularly in the area of habitat, health or education, training programme of rural women & man provide the kit for employment generation. The proposal should contain provision for monthly medical camps, distributions of medicines and improvement in educational facilities in the nearby schools. Details of such activity along with time bound action plan be submitted to HSPCB/SEIAA Haryana before the start of operation.	years. Project Proponent has Spent Rs 31,21,533 in Year 2022-2023 as CSR on socio economic upliftment activities of the area. Expense Details on CSR has been attached as Annexure - 9.
30.	Budgetary provision of Rs. 08 lakh per year earmarked for the labours working in the Mine for all necessary infrastructure facilities such as healthy facility, sanitation facility, fuel for cooking, along with safe drinking water, medical camps and toilets for women, crèche for infants should be made and submitted to HSPCB at the time CTO/SEIAA Haryana. The housing facilities should be provided for mining labours.	Agreed. Housing arrangement has been made for the labour near the site with all amenities. Whereas rest shelter, first aid facility, crèche, soak pit and other basic sanitary facilities have been developed. All the temporary structure will be removed after the completion of the project. Photographs are enclosed as Annexure- 10 .
31.	A Final Mine Closure Plan along with details of corpus fund shall be submitted to the SEIAA well within the stipulated period as prescribed in the minor mineral concession rules 2012.	A final mine closure plan along with details of corpus fund has already been submitted to the SEIAA well within the stipulated period as prescribed in the minor mineral concession rules 2012.
32.	The water reservoir, which would be created/available during post closure (all pits), shall be provided with suitable benches and fencing to provide the access to the water body and safety.	Noted & Agreed. Post closure water reservoir will be provided with suitable benches and fencing to provide the access to the water body.
33.	The project proponent shall ensure that the EC letter as well as the status of compliance of EC conditions and the monitoring data are placed on company's website and displayed at the project site.	Agreed. We ensure that the EC letter as well as the status of compliance of EC condition and the monitoring data are placed on company's website (<u>https://www.asd-rkcjv.com/</u>) and displayed at the project site.
34.	The project proponent shall ensure that loading in Trucks do not exceed the norms fixed by the Transport Department as per relevant rules.	Agreed. We ensure that loading in Trucks do not exceed the norms fixed by the Transport Department as per relevant rules, PUC Certificate has been taken for all the vehicles. PUC Certificate are attached as Annexure-16 .
35.	The project proponent shall ensure approach roads are widened and strengthened as per requirements fixed by PWD and district administration before the start of the work.	Agreed & Complied. Approach roads are widened and strengthened as per requirements fixed by PWD and district administration before the start of the work. Photographs of the same are enclosed as Annexure-14 .
36.	The project proponent shall ensure that all measures are taken simultaneously for safeguard and maintenance of the health of the workers.	 As per the provisions, rules and regulations of Mines Act, the management will undertake all the necessary precautions. Sanitary facilities will be provided. All necessary & statutory first aid and medical facilities will be provided to the workers. Photograph is enclosed. Preventive measures have been taken for

		 occupational health & safety of workers. Pre-placement medical examination and periodical medical examination of workers is being conducted such as Hematological Test, Biochemical Test, Urine R/M, Spirometry, Audiometry, Vision test. Health Records of the workers are attached as Annexure-15. First Aid room equipped with necessary requirements is present at the site photographs of the same are enclosed as Annexure-15.
37.	The project proponent shall ensure supply of drinking water through RO.	Agreed. The Project Proponent has supply the RO water for drinking purpose at the mine site.

Part B. General Conditions

S. No.	General Conditions	Reply
i.	Any change in mining technology/scope of working shall not be made without prior approval of the SEIAA.	Agreed.
ii.	Any change in the calendar plan including excavation, quantum of mineral and waste shall not be made.	Agreed. No change in the calendar plan including excavation, quantum of mineral and waste will be made.
111.	Periodic monitoring of ambient air quality shall be carried out for PM_{10} , $PM_{2.5}$, SO_2 and NO_x monitoring. Location of the stations (minimum 6) shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring shall be decided in consultation with the Haryana State Pollution Control Board (HSPCB). Six monthly reports of the data so collected shall be regularly submitted to the HSPCB/CPCB including the MOEF, Regional Office, and Chandigarh.	Agreed. Periodic monitoring of ambient air quality is being carried out for PM ₁₀ , PM _{2.5} , SO ₂ , NO _x Parameters. Lab reports are enclosed as Annexure-8 .
iv.	Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM etc. shall be provided with earplugs/muffs.	 Following mitigation measures will be taken to reduce the noise impact in project site. All scientific blasting is proposed to reduce the vibrations and check noise pollution. An earplug is being provided to the workers. All the machineries including transport vehicles are properly maintained to minimize generation of noise. Drilling with sharp edges bits is provided to reduce generation of noise. Noise source will be isolated. Dense plantation in mining area is also reducing propagation of noise outside the core zone. Noise reports are attached as Annexure-8.
v.	Waste water (workshop and waste water from the	Noted & Agreed.

	 mine) shall be properly collected & treated so as to confirm to the standard prescribed under GSR 422 (E) dated 19th May 1993 and 31st December 1993 (amended to date). Oil and grease trap shall be installed before discharge. 	
vi.	Personnel working in dusty areas shall wear protective respiratory devices they shall also be provided with adequate training and information on safety and health aspects.	 Following mitigation measures has been initiated for the workers who worked at critically dusty areas. > Sprinkled with water at regular intervals. > Operators and other persons near loading areas are using the dust mask. > Scientific Mining has been proposed to minimize the effect of air pollution. > Wet drilling is being practiced. > Health camps are being organized on regular basis. Photographs of water sprinkling are enclosed as Annexure-13.
vii.	Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	Occupational health surveillance program of the workers is being undertaken periodically to observe any contractions due to exposure to dust and take corrective measures. Health records of the workers are attached as Annexure-15 . First Aid room equipped with necessary requirements is present at the site photographs of the same are attached as Annexure- 15.
viii.	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the HSPCB and the Regional Office of MOEF located at Chandigarh.	Agreed & Complied. Project proponent reported year wise expenditure of Environment protection measures to the HSPCB and the regional office of MoEF located at chandigarh.
ix.	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the northern Regional Office of MOEF, the respective Office of CPCB, HSPCB and SEIAA Haryana.	We are regularly submitting six monthly compliance reports along with monitoring reports to the northern regional office of MoEF&CC, HSPCB and SEIAA Haryana. Submission receipt of last compliance report is attached as Annexure-20 .
x.	The SEIAA, Haryana reserve the right to add new conditions, modify/annual any of the stipulated conditions and/or to revoke the clearance if implementation of any of the condition stipulated by SEIAA, Haryana or any other component authorities is not satisfactory.	Agreed.
xi.	Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed.
xii.	The above conditions will be enforced, inter alia, under the provision of the Water (Prevention & Control of Pollution) Act, 1974 the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act 1991 (all amended till date) and rules made hereunder and also any other orders passed by the Honb'le Supreme Court of	Agreed.

	India/High Court of Haryana and other Court of law relating to the subject matter.	
xiii.	The Project Proponent should inform the public that the project has been accorded Environment Clearance by the SEIAA and copies of the clearance letter area available with the Haryana State Pollution Control Board & SEIAA. This should be advertised within 7 days from the date of issue of the clearance letter at least in tow local newspapers that are widely circulated in the region and the copy of the same should be forwarded to SEIAA Haryana. A copy of Environment Clearance conditions shall also be put on project proponent's web site for public awareness.	Agreed & Complied. Already complied and already published Environmental Clearance conditions in two local newspapers and on website.
xiv.	All the other statutory clearances such as the approvals for storage of diesel from the Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as may be applicable, by Project Proponent from the competent authority before the start of mining operation.	Agreed.
XV.	That the grant of this EC is issued from the environment angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time being in force, rests with the industry/unit/project proponent. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of National Green Tribunal Act, 2010.	Agreed.



DETAILS OF ENVIRONMENTAL MONITORING

3.1 Monitoring Portfolio:

This report is prepared for the period **April 2023 to September 2023** as per EC conditions. The samples were analyzed at NABL approved Environmental laboratory. Following environmental components has been monitored and analyzed.

- 1. Ambient Air Quality
- 2. Noise Quality
- 3. Water Quality
- 4. Soil Quality

3.2 AMBIENT AIR QUALITY MONITORING

3.2.1 Ambient Air Quality Monitoring Stations

Ambient air quality monitoring has been carried out at 6 locations as mentioned below. This will enable to have a comparative analytical understanding about air quality and the changes in the air environment in the study area with respect to the condition prevailing. The locations of the ambient air quality monitoring stations are given in **Table 3.1**.

S. No.	Location Code	Location Name
1.	AAQ-1	Near Main Office
2.	AAQ-2	100 mtr from mine site
3.	AAQ-3	Haul Road
4.	AAQ-4	Village-Kheribattar
5.	AAQ-5 Loading Area	
6.	AAQ-6	Village-Kheribora

Table 3.1 Details of Ambient Air Quality Monitoring Stations

AAQ-1: Near Main Office

The sampler was placed near office was free from any obstructions. Surroundings of the sampling site represent Industrial environmental setting.

AAQ-2: 100 mtr from mine site

The sampler was placed 100 mtr. from mine site and was free from any obstructions. Surroundings of the sampling site represent Industrial environmental setting.

AAQ-3: Haul Road

The sampler was placed haul road, for estimate the pollution level due to movement of vehicles.

AAQ-4: Village-Kheribattar

The sampler was placed at Village-Kheribattar, was free from any obstructions. Surroundings of the sampling site represent residential environmental setting.

AAQ-5: Loading Area

The sampler was placed at loading area to estimate the pollution level due to loading activity.

AAQ-6: Village-Kheribora

The sampler was placed at Village-Kheribora, was free from any obstructions. Surroundings of the sampling site represent residential environmental setting.

3.2.2 Ambient Air Quality Monitoring Methodology

Monitoring was conducted in respect of the following parameters:

- Particulate Matter 2.5 (PM 2.5)
- Particulate Matter 10 (PM 10)
- Sulphur Dioxide (SO2)
- Nitrogen Dioxide (NO2)

The duration of sampling of PM $_{2.5}$, PM $_{10}$, SO $_2$ and NO $_2$ were 24 hourly continuous sampling per day. The monitoring was conducted for one day at each location. This is to allow a comparison with the National Ambient Air Quality Standards.

The air samples were analyzed as per standard methods specified by Central Pollution Control Board (CPCB) and IS: 5182. The techniques used for ambient air quality monitoring and minimum detectable levels are given in **Table 3.2**.

Fine Particulate Sampler instruments have been used for monitoring Particulate Matter 2.5 (PM2.5 i.e. <2.5 microns), and Respirable Dust Sampler was used for sampling Respirable fraction (<10 microns), gaseous pollutants like SO2, and NOx.

S. No.	Parameter	Technique	Technical Protocol
1	Particulate Matter 2.5 (PM _{2.5})	Fine Particulate Sampler, Gravimetric Method	#SOP No. VEL/SOP/01, Section No. SP 63
2	Particulate Matter 10 (PM ₁₀)	Respirable Dust Sampler, with cyclone separator, Gravimetric Method	IS-5182 (Part-23)
3	Sulphur dioxide (SO ₂)	Modified West and Gaeke	IS-5182 (Part- II)
4	Nitrogen Dioxide (NO2)	Jacob &Hochheiser	IS-5182 (Part-VI)

Table 3.2 Techniques used for Ambient Air Quality Monitoring

#SOP-As per Laboratory Standard Operating Procedure.

3.2.3 Ambient Air Quality Monitoring Results

The detailed on-site monitoring results of PM 2.5, PM 10, SO2, NO2 are presented as Table 3.3

S. No.	S. No. Parameter -		Test Result					
3. NU.	Falanetei	AAQ1	AAQ2	AAQ3	AAQ4	AAQ5	AAQ6	NAAQS*
1.	Particulate Matter (PM _{2.5}), μg/m ³	57.25	54.92	57.25	54.26	57.95	48.16	60
2.	Particulate Matter (PM10), μg/m ³	98.48	94.68	98.95	87.36	99.25	83.25	100
3.	Nitrogen Dioxide (NO2), µg/m ³	12.95	14.98	12.90	12.15	18.12	9.96	80
4.	Sulphur Dioxide (SO ₂), µg/m ³	8.95	8.96	9.45	7.95	9.57	7.14	80

Table 3.3 Ambient Air Quality Monitoring Results (All results are expressed in μg/m³)

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 18.11.2009

Graphical Presentation of location wise variation of Ambient Air Quality

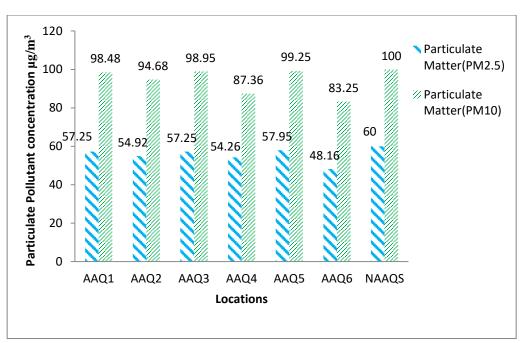


Fig. 3.1 Graphical representation of particulate pollutant

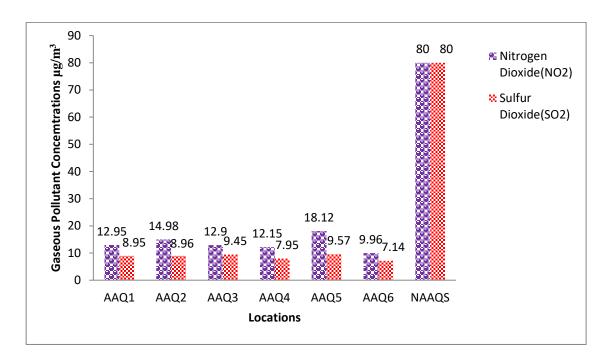


Fig.3.2 Graphical representation of gaseous pollutant

3.2.4 Discussion on Ambient Air Quality in the Study Area

The level of $PM_{2.5}$ and PM_{10} at all locations was found to be in range of 48.16 to 57.95 µg/m³ and 83.25 to 99.25 µg/m³ respectively. The level of NO₂ and SO₂ at all locations was found to be in range of 9.96 to 18.12 µg/m³ and 7.14 to 9.57 µg/m³ respectively. All the results were found to be well within the prescribed NAAQS limits.

3.3 AMBIENT NOISE MONITORING

3.3.1 Ambient Noise Monitoring Locations

The main objective of noise monitoring in the study area is to assess the present ambient noise levels due to various mining allied activities and increased vehicular movement. A preliminary reconnaissance survey has been undertaken to identify the major noise generating sources in the area. Ambient noise monitoring was conducted at 6 locations near the mining area as given in **Table 3.4**. **Table 3.4 Details of Ambient Noise Monitoring Stations**

S. No.	Location Code	Location Name
1	N1 Near main Office	
2	N2 100 mtr from mine site	
3	N3 Haul Road	
4	N4	Village-Kheribattar
5	N5 Loading Area	
6	N6	Village-Kheribora

3.3.2 Methodology of Noise Monitoring

Noise levels were measured using sound level meter. Noise level monitoring was carried out for 24hours. The noise levels were monitored on working days only. During each hour Leq were directly computed by the instrument based on the sound pressure levels. Monitoring was carried out at 'A' response and fast mode.

3.3.3 Ambient Noise Monitoring Results

The location wise ambient noise monitoring results is summarized in **Table 3.5.** Graphical presentation of location wise variation of ambient noise level is shown in **Figure 3.2**

		Location Code										
Parameter	ľ	N1	N	2	N	3	1	N4	N	15	N	16
	Day Time	Night Time										
Lmax	72.4	64.2	72.6	61.2	76.2	71.5	75.8	69.5	74.2	69.5	69.5	61.5
Lmin	46.2	37.6	59.2	38.4	45.2	35.0	44.2	36.2	50.6	40.9	42.9	38.5
Leq	65.20	53.25	62.56	54.25	69.45	61.30	62.6	48.7	72.25	62.15	51.2	42.81
CPCB Limits in dB(A) Leq	75.0	70.0	75.0	70.0	75.0	70.0	55.0	45.0	75.0	70.0	55.0	45.0

Table 3.5 Location Wise variation of ambient Noise Level

M/s ASD RKC J.V. (Mining of Stone along with Associated Minor Minerals at Kheribattar Plot-2, Tehsil- Dadri, District-Bhiwani, Haryana). EC No. SEIAA/HR/2016/875 Dated-04.10.2016

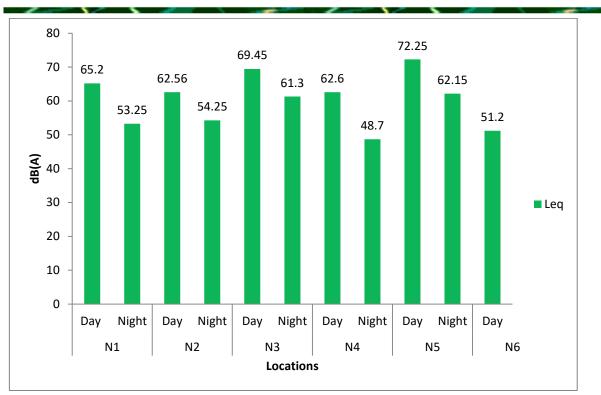


Figure 3.3 Graphical Presentation of Ambient Noise Level

3.3.4 Discussion on Ambient Noise Levels in the Study Area

The Equivalent noise levels for day and night was found to be in range of 51.2 to 72.25 dB (A) and 42.81 to 62.15 dB (A) respectively. The noise levels were well within the permissible limits of NAAQS w.r.t Noise.

3.4 Water Quality Monitoring

3.4.1 Ground Water Quality Monitoring Locations

Keeping in view the importance of water as important source to the local population, sample of ground water was collected from the project site for the assessment of impacts of the project on the water quality.

Water sample was collected from the project site. The samples were analyzed for various parameters to compare with the standards for water as per IS: 10500- 2012. The details of water sampling locations are given in **Table 3.6**.

S. No.	Location Code	Location Name/ Description
1.	GW1	Near Project Site (May-2023 and August 2023 Monsoon)
2.	GW2	Village- Kheribora (May-2023 and August 2023 Monsoon)

Table-3.6 Details of Ground Water Quality Monitoring Station

3.4.2 Methodology of Ground Water Quality Monitoring

Sampling of ground water was carried out on **May-2023 Pre Monsoon and August 2023 Monsoon**. Samples were collected as grab sample and sampling forms are filled in as per the sampling plan. The preservative sample were properly added to preserve as per standard operating procedures (SOP) and stored immediately in ice boxes, which were ensured for appropriate temperatures. Sample for chemical analysis was collected in polyethylene carboys. Samples collected for metal content were acidified to <2 pH with 1 ml HNO₃. Samples for bacteriological analysis were collected in sterilized glass bottles.

Soon after the completion of sampling, chain of custody sheets for the samples are filled in and then they were transported by road for further analysis. Proper care was taken during packing and transportation of samples. All the samples reached the central laboratory within the holding times for different parameters. After ensuring the same the samples were forwarded immediately for analysis.

The samples were analyzed as per the standard procedures specified in 'Standard Methods for the Examination of Water and Wastewater' published by American Public Health Association (APHA) and CPCB. The analytical techniques and the test methods adopted for testing of water are given in **Table 3.7, 3.8, 3.9 & 3.10**.

3.4.3 Ground Water Quality Monitoring Results

The detailed ground water quality monitoring results are presented in Table 3.7, 3.8 and 3.9, 3.10.

Table 3.7 Ground Water Quality Monitoring Results (May-2023 Pre Monsoon) Near Mine site

				Limits of I	Limits of IS:10500 -2012		
S. No.	Parameter	Unit	Result	Requireme nt (Acceptabl e Limits)	Permissible limit in the Absence of Alternate Source		
1.	pH (at 25 ⁰ C)		7.60	6.5 to 8.5	No Relaxation		
2.	Colour	Hazen	BLQ(LOQ-1.0)	5	15		
3.	Turbidity	NTU	BLQ(LOQ-1.0)	1	5		
4.	Odour		Agreeable	Agreeable	Agreeable		
5.	Taste		Agreeable	Agreeable	Agreeable		
6.	Total Hardness as CaCO ₃	mg/l	445.30	200	600		
7.	Calcium as Ca	mg/l	97.25	75	200		
8.	Alkalinity as CaCO ₃	mg/l	527.66	200	600		
9.	Chloride as Cl	mg/l	102.30	250	1000		
10.	Cyanide as CN	mg/l	BLQ(LOQ-0.02)	0.05	No Relaxation		
11.	Magnesium as Mg	mg/l	48.96	30	100		
12.	Total Dissolved Solids	mg/l	788.00	500	2000		
13.	Sulphate as SO ₄	mg/l	55.15	200	400		
14.	Fluoride as F	mg/l	0.60	1.0	1.5		
15.	Nitrate as NO ₃	mg/l	24.60	45	No Relaxation		
16.	Iron as Fe	mg/l	0.21	1.0	No relaxation		
17.	Aluminum as Al	mg/l	BLQ(LOQ-0.005)	0.03	0.2		
18.	Boron	mg/l	BLQ(LOQ-0.01)	0.5	2.4		
19.	Total Chromium as Cr	mg/l	BLQ(LOQ-0.002)	0.05	No Relaxation		
20.	Phenolic Compounds	mg/l	BLQ(LOQ-0.0005)	0.001	0.002		
21.	Mineral Oil	mg/l	BLQ(LOQ-0.1)	1.0	No Relaxation		
22.	Anionic Detergents as MBAS	mg/l	BLQ(LOQ-0.05)	0.2	1.0		
23.	Zinc as Zn	mg/l	1.20	5	15		
24.	Copper as Cu	mg/l	0.25	0.05	1.5		
25.	Manganese as Mn	mg/l	BLQ(LOQ-0.01)	0.1	0.3		
26.	Cadmium as Cd	mg/l	BLQ(LOQ-0.002)	0.003	No Relaxation		
27.	Lead as Pb	mg/l	BLQ(LOQ-0.002)	0.01	No Relaxation		
28.	Selenium as Se		BLQ(LOQ-0.001)	0.01	No Relaxation		
29.	Arsenic as As	mg/l	BLQ(LOQ-0.005)	0.01	No Relaxation		
30.	Mercury as Hg	mg/l	BLQ(LOQ-0.0005)	0.001	No Relaxation		
31.	Total Coliform	MPN/100ml	Absent				
32.	E. Coli	MPN/100ml	Absent				

Note:-This Report Complies as per IS: 10500:2012 (RA: 2018)

*BLQ-Below Limit of Quantification, **LOQ- Limit of Quantification. [®]Amendment No.1 in June 2015 (Limits of Iron & Arsenic) and Amendment No.2 in Sept. 2018 (Limit of Boron & IS method of Total Coliform & E.Coli) & Amendment No.3 in Feb. 2021 (Limit of Mineral Oil).

Ground Water Quality Monitoring Results (May-2023 Pre Monsoon) Village-Kheribora

				Limits of I	Limits of IS:10500 -2012		
S. No.	Parameter	Unit	Result	Requireme nt (Acceptable Limits)	Permissible limit in the Absence of Alternate Source		
1.	pH (at 25 ⁰ C)		7.80	6.5 to 8.5	No Relaxation		
2.	Colour	Hazen	BLQ(LOQ-1.0)	5	15		
3.	Turbidity	NTU	BLQ(LOQ-1.0)	1	5		
4.	Odour		Agreeable	Agreeable	Agreeable		
5.	Taste		Agreeable	Agreeable	Agreeable		
6.	Total Hardness as CaCO ₃	mg/l	399.45	200	600		
7.	Calcium as Ca	mg/l	96.66	75	200		
8.	Alkalinity as CaCO ₃	mg/l	434.00	200	600		
9.	Chloride as Cl	mg/l	105.50	250	1000		
10.	Cyanide as CN	mg/l	BLQ(LOQ-0.02)	0.05	No Relaxation		
11.	Magnesium as Mg	mg/l	42.05	30	100		
12.	Total Dissolved Solids	mg/l	698.00	500	2000		
13.	Sulphate as SO ₄	mg/l	60.45	200	400		
14.	Fluoride as F	mg/l	0.60	1.0	1.5		
15.	Nitrate as NO ₃	mg/l	26.30	45	No Relaxation		
16.	Iron as Fe	mg/l	0.35	1.0	No relaxation		
17.	Aluminum as Al	mg/l	BLQ(LOQ-0.005)	0.03	0.2		
18.	Boron	mg/l	BLQ(LOQ-0.01)	0.5	2.4		
19.	Total Chromium as Cr	mg/l	BLQ(LOQ-0.002)	0.05	No Relaxation		
20.	Phenolic Compounds	mg/l	BLQ(LOQ-0.0005)	0.001	0.002		
21.	Mineral Oil	mg/l	BLQ(LOQ-0.1)	1.0	No Relaxation		
22.	Anionic Detergents as MBAS	mg/l	BLQ(LOQ-0.05)	0.2	1.0		
23.	Zinc as Zn	mg/l	1.35	5	15		
24.	Copper as Cu	mg/l	0.30	0.05	1.5		
25.	Manganese as Mn	mg/l	BLQ(LOQ-0.01)	0.1	0.3		
26.	Cadmium as Cd	mg/l	BLQ(LOQ-0.002)	0.003	No Relaxation		
27.	Lead as Pb	mg/l	BLQ(LOQ-0.002)	0.01	No Relaxation		
28.	Selenium as Se	mg/l	BLQ(LOQ-0.001)	0.01	No Relaxation		
29.	Arsenic as As	mg/l	BLQ(LOQ-0.005)	0.01	No Relaxation		
30.	Mercury as Hg	mg/l	BLQ(LOQ-0.0005)	0.001	No Relaxation		
31.	Total Coliform	MPN/100ml	Absent				
32.	E. Coli	MPN/100ml	Absent				

Note:-This Report Complies as per IS: 10500:2012 (RA: 2018)

*BLQ-Below Limit of Quantification, **LOQ- Limit of Quantification.

⁶Amendment No.1 in June 2015 (Limits of Iron & Arsenic) and Amendment No.2 in Sept. 2018 (Limit of Boron & IS method of Total Coliform & E.Coli) & Amendment No.3 in Feb. 2021 (Limit of Mineral Oil).

Table 3.9 Ground Water Quality Monitoring Results (August 2023 Monsoon) Near Mine site

				Limits of I	Limits of IS:10500 -2012		
S. No.	b. Parameter Unit Result		Requireme nt (Acceptabl e Limits)	Permissible limit in the Absence of Alternate Source			
1.	pH (at 25 ⁰ C)		7.60	6.5 to 8.5	No Relaxation		
2.	Colour	Hazen	BLQ(LOQ-1.0)	5	15		
3.	Turbidity	NTU	BLQ(LOQ-1.0)	1	5		
4.	Odour		Agreeable	Agreeable	Agreeable		
5.	Taste		Agreeable	Agreeable	Agreeable		
6.	Total Hardness as CaCO ₃	mg/l	484.00	200	600		
7.	Calcium as Ca	mg/l	144.33	75	200		
8.	Alkalinity as CaCO ₃	mg/l	512.00	200	600		
9.	Chloride as Cl	mg/l	93.60	250	1000		
10.	Cyanide as CN	mg/l	BLQ(LOQ-0.02)	0.05	No Relaxation		
11.	Magnesium as Mg	mg/l	29.93	30	100		
12.	Total Dissolved Solids	mg/l	768.00	500	2000		
13.	Sulphate as SO ₄	mg/l	52.15	200	400		
14.	Fluoride as F	mg/l	0.55	1.0	1.5		
15.	Nitrate as NO ₃	mg/l	25.40	45	No Relaxation		
16.	Iron as Fe	mg/l	0.36	1.0	No relaxation		
17.	Aluminum as Al	mg/l	BLQ(LOQ-0.005)	0.03	0.2		
18.	Boron	mg/l	BLQ(LOQ-0.01)	0.5	2.4		
19.	Total Chromium as Cr	mg/l	BLQ(LOQ-0.002)	0.05	No Relaxation		
20.	Phenolic Compounds	mg/l	BLQ(LOQ-0.0005)	0.001	0.002		
21.	Mineral Oil	mg/l	BLQ(LOQ-0.1)	1.0	No Relaxation		
22.	Anionic Detergents as MBAS	mg/l	BLQ(LOQ-0.05)	0.2	1.0		
23.	Zinc as Zn	mg/l	1.40	5	15		
24.	Copper as Cu	mg/l	0.20	0.05	1.5		
25.	Manganese as Mn	mg/l	BLQ(LOQ-0.01)	0.1	0.3		
26.	Cadmium as Cd	mg/l	BLQ(LOQ-0.002)	0.003	No Relaxation		
27.	Lead as Pb	mg/l	BLQ(LOQ-0.002)	0.01	No Relaxation		
28.	Selenium as Se	mg/l	BLQ(LOQ-0.001)	0.01	No Relaxation		
29.	Arsenic as As	mg/l	BLQ(LOQ-0.005)	0.01	No Relaxation		
30.	Mercury as Hg	mg/l	BLQ(LOQ-0.0005)	0.001	No Relaxation		
31.	Total Coliform	MPN/100ml	Absent				
32.	E. Coli	MPN/100ml	Absent				

Note:-This Report Complies as per IS: 10500:2012 (RA: 2018)

*BLQ-Below Limit of Quantification, **LOQ- Limit of Quantification.

@Amendment No.1 in June 2015 (Limits of Iron & Arsenic) and Amendment No.2 in Sept. 2018 (Limit of Boron & IS method of Total Coliform & E.Coli) & Amendment No.3 in Feb. 2021 (Limit of Mineral Oil).

Table 3.10 Ground Water Quality Monitoring Results (August 2023 Monsoon) Village- Kheribora

				Limits of	Limits of IS:10500 -2012		
S. No.	Parameter	Unit	Result	Requiremen t (Acceptable Limits)	Permissible limit in the Absence of Alternate Source		
1.	pH (at 25 ⁰ C)		7.60	6.5 to 8.5	No Relaxation		
2.	Colour	Hazen	BLQ(LOQ-1.0)	5	15		
3.	Turbidity	NTU	BLQ(LOQ-1.0)	1	5		
4.	Odour		Agreeable	Agreeable	Agreeable		
5.	Taste		Agreeable	Agreeable	Agreeable		
6.	Total Hardness as CaCO ₃	mg/l	404.00	200	600		
7.	Calcium as Ca	mg/l	96.32	75	200		
8.	Alkalinity as CaCO ₃	mg/l	438.00	200	600		
9.	Chloride as Cl	mg/l	100.56	250	1000		
10.	Cyanide as CN	mg/l	BLQ(LOQ-0.02)	0.05	No Relaxation		
11.	Magnesium as Mg	mg/l	39.67	30	100		
12.	Total Dissolved Solids	mg/l	712.00	500	2000		
13.	Sulphate as SO ₄	mg/l	60.20	200	400		
14.	Fluoride as F	mg/l	0.43	1.0	1.5		
15.	Nitrate as NO ₃	mg/l	25.00	45	No Relaxation		
16.	Iron as Fe	mg/l	0.28	1.0	No relaxation		
17.	Aluminum as Al	mg/l	BLQ(LOQ-0.005)	0.03	0.2		
18.	Boron	mg/l	BLQ(LOQ-0.01)	0.5	2.4		
19.	Total Chromium as Cr	mg/l	BLQ(LOQ-0.002)	0.05	No Relaxation		
20.	Phenolic Compounds	mg/l	BLQ(LOQ-0.0005)	0.001	0.002		
21.	Mineral Oil	mg/l	BLQ(LOQ-0.1)	1.0	No Relaxation		
22.	Anionic Detergents as MBAS	mg/l	BLQ(LOQ-0.05)	0.2	1.0		
23.	Zinc as Zn	mg/l	1.40	5	15		
24.	Copper as Cu	mg/l	0.19	0.05	1.5		
25.	Manganese as Mn	mg/l	BLQ(LOQ-0.01)	0.1	0.3		
26.	Cadmium as Cd	mg/l	BLQ(LOQ-0.002)	0.003	No Relaxation		
27.	Lead as Pb	mg/l	BLQ(LOQ-0.002)	0.01	No Relaxation		
28.	Selenium as Se	mg/l	BLQ(LOQ-0.001)	0.01	No Relaxation		
29.	Arsenic as As	mg/l	BLQ(LOQ-0.005)	0.01	No Relaxation		
30.	Mercury as Hg	mg/l	BLQ(LOQ-0.0005)	0.001	No Relaxation		
31.	Total Coliform	MPN/100ml	Absent				
32.	E. Coli	MPN/100ml	Absent				

Note:-This Report Complies as per IS: 10500:2012 (RA: 2018)

*BLQ-Below Limit of Quantification, **LOQ- Limit of Quantification.

@Amendment No.1 in June 2015 (Limits of Iron & Arsenic) and Amendment No.2 in Sept. 2018 (Limit of Boron & IS method of Total Coliform & E.Coli) & Amendment No.3 in Feb. 2021 (Limit of Mineral Oil).

3.4.4 Discussion on Ground Water Quality in the Study Area

The Ground water quality of all location were observed to be slightly alkaline in nature with total alkalinity reaching up to 434.00 and 527.00 mg/L respectively in water samples against the prescribed limit of 200 mg/L (600 Permissible limit).Total Hardness in the water is 399.45 mg/L and 484.00mg/ against prescribed limit of 200 mg/L but it is within the permissible limit of 600mg/L. However, remaining parameters are within the CPCB prescribed limits.

3.4.5 Ground Water Level in and around the mine site

Ground water level was monitored villages and locations located approx. 5 Km in and around mine area. Water level of the water sources was measured manually in pre monsoon (month of May) and during Monsoon (month of August). The data is given below in table 3.11.

Table 3.11 Ground Water level in and around the mine site

Sample. Number	Village Name	Location	GWL in mbgl (Pre Monsoon May, 2023)	GWL in mbgl (Monsoon - August, 2023)
W1	Near Mine Site	28°33'17.75"N 76°10'27.63"E	58.21	57.21
W2	Kaliyana	28°33'7.55"N 76°12'1.14"E	33.54	32.15
W3	Asawari	28°32'31.65"N 76° 8'36.32"E	27.15	26.27
W4	Kalali	28°31'21.66"N 76°11'1.54"E	28.04	27.95
W5	Kheri Bura	28°35'22.68"N 76°11'56.23"E	17.05	16.72

3.5 SOIL MONITORING

3.5.1 Soil Monitoring Locations

The objective of the soil monitoring is to identify the impacts of ongoing project activities on soil quality and also predict impacts, which have arisen due to execution of various mining activities. Accordingly, a study of assessment of the soil quality has been carried out

To assess impacts of ongoing project activities on the soil in the area, the physico-chemical characteristics of soils were examined by obtaining soil samples from selected points and analysis of the same. Single sample of soil was collected from the project site for studying soil characteristics, the location of which is listed in Table 3.12

Table 3.12 Details of Soil Quality Monitoring Location

S. No.	Location Code	Location Name/ Description
1.	S1	Near Mine Site
2.	S2	Village- Kheribora

3.5.2 Methodology of Soil Monitoring

The sampling has been done in line with IS: 2720 & Methods of Soil Analysis, Part-1, 2nd edition, 1986 of American Society for Agronomy and Soil Science Society of America. The homogenized samples were analyzed for physical and chemical characteristics (physical, chemical and heavy metal concentrations). The soil samples were collected in the month of **September 2023**.

The samples have been analyzed as per the established scientific methods for physico-chemical parameters. The heavy metals have been analyzed by using Atomic Absorption Spectro-photometer.

3.5.3 Soil Monitoring Results

Single sample of soil is collected from the project site to check the quality of soil of the study area. The physico-chemical characteristics of the soil, as obtained from the analysis of the soil sample, are presented in **Table 3.13, 3.14**.

Table 3.13Physico-Chemical Characteristics of Soil in the Study Area (Near Project Site)

S. No.	Parameter	Test-Method	Unit	Result
1.	pH (at 25 ⁰ C)	IS : 2720 (P-26) by pH Meter		7.96
2.	Conductivity	IS:14767 by Conductivity meter	mS/cm	0.458
3.	Soil Texture	IS : 2720 (P-22, RA2003)		Sandy Loam
4.	Color	SOP, SP-78, Issue No01& Issue Date- 14/02/2013		Yellowish
5.	Water holding capacity	SOP, SP-81, Issue No01& Issue Date- 14/02/2013	%	32.96
6.	Bulk density	SOP, SP-80,Issue No01& Issue Date- 14/02/2013	gm/cc	1.69
7.	Chloride as Cl	SOP, SP-85,Issue No01& Issue Date- 14/02/2013	mg/100g	12.69
8.	Calcium as Ca	SOP, SP-82,Issue No01& Issue Date- 14/02/2013	mg/100g	16.90
9.	Sodium as Na	SOP, SP-84,Issue No01& Issue Date- 14/02/2013	mg/kg	115.92
10.	Potassium as K	SOP, SP-84,Issue No01& Issue Date- 14/02/2013	kg/hec.	40.89
11.	Organic Matter	IS:2720 (P-22) Titrimetric Method	%	0.36
12.	Magnesium as Mg	SOP, SP-83,Issue No01& Issue Date- 14/02/2013	mg/100g	8.97
13.	Available Nitrogen as N	IS:14684 Distillation Method	kg./hec.	116.21
14.	Available Phosphorus	SOP, SP-86, Issue No01& Issue Date- 14/02/2013	kg./hec.	14.36
15.	Zinc (as Zn)	USEPA 3050B	mg/kg	0.75
16.	Manganese (as Mn)	USEPA 3050B	mg/kg	2.96
17.	Lead (as Pb)	USEPA 3050B	mg/kg	0.72
18.	Cadmium (as Cd)	USEPA 3050B	mg/kg	BLQ (LOQ-0.5)
19.	Chromium (as Cr)	USEPA 3050B	mg/kg	0.55
20.	Copper (as Cu)	USEPA 3050B	mg/kg	1.85

STP- Standard Testing procedure BLQ- Below Limit of Quantification & LOQ- Limit of Quantification

Table 3.14 Physico-Chemical Characteristics of Soil in the Study Area (Village- Kheribora)

S. No.	Parameter	Test-Method	Unit	Result
1.	pH (at 25 °C)	IS : 2720 (P-26) by pH Meter		7.63
2.	Conductivity	IS:14767 by Conductivity meter	mS/cm	0.339
3.	Soil Texture	IS : 2720 (P-22, RA2003)		Silty Loam
4.	Color	SOP, SP-78,Issue No01& Issue Date- 14/02/2013		Brown Black
5.	Water holding capacity	SOP, SP-81,Issue No01& Issue Date- 14/02/2013	%	37.86
6.	Bulk density	SOP, SP-80,Issue No01& Issue Date- 14/02/2013	gm/cc	2.86
7.	Chloride as Cl	SOP, SP-85, Issue No01& Issue Date- 14/02/2013	mg/100g	25.29
8.	Calcium as Ca	SOP, SP-82, Issue No01& Issue Date- 14/02/2013	mg/100g	24.25
9.	Sodium as Na	SOP, SP-84,Issue No01& Issue Date- 14/02/2013	mg/kg	46.22
10.	Potassium as K	SOP, SP-84,Issue No01& Issue Date- 14/02/2013	kg/hec.	115.40
11.	Organic Matter	IS:2720 (P-22) Titrimetric Method	%	0.40
12.	Magnesium as Mg	SOP, SP-83,Issue No01& Issue Date- 14/02/2013	mg/100g	10.31
13.	Available Nitrogen as N	IS:14684 Distillation Method	kg./hec.	135.29
14.	Available Phosphorus	SOP, SP-86,Issue No01& Issue Date- 14/02/2013	kg./hec.	17.92
15.	Zinc (as Zn)	USEPA 3050B	mg/kg	0.95
16.	Manganese (as Mn)	USEPA 3050B	mg/kg	3.25
17.	Lead (as Pb)	USEPA 3050B	mg/kg	0.55
18.	Cadmium (as Cd)	USEPA 3050B	mg/kg	BLQ(LOQ-0.5)
19.	Chromium (as Cr)	USEPA 3050B	mg/kg	0.45
20.	Copper (as Cu)	USEPA 3050B	mg/kg	0.75

STP- Standard Testing procedure BLQ- Below Limit of Quantification & LOQ- Limit of Quantification

3.5.4 Discussion on Soil Characteristics in the Study Area

The soil in study area is characterized by moderate organic content. The soil quality in the project area has not been affected by the Mining activities.

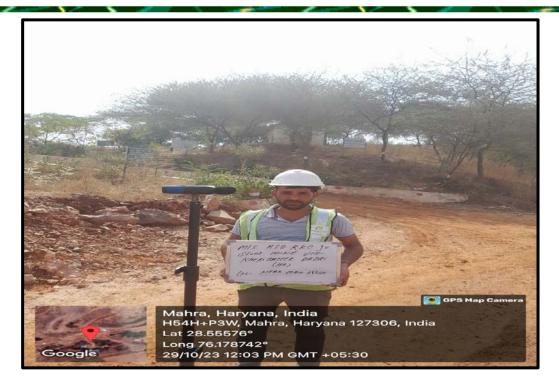
3.6 SITE PHOTOGRAPHS



Project Site



Ambient Air Monitoring



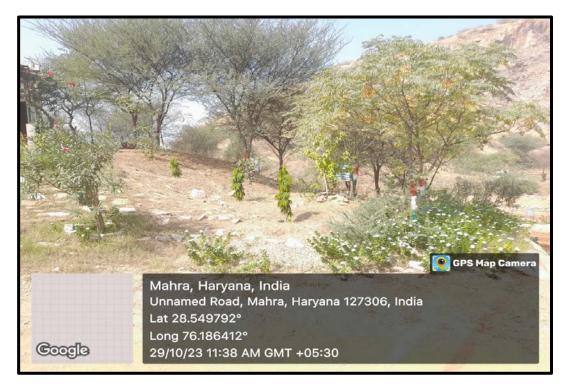
Noise Monitoring



Soil Sampling



Water Sprinkling



Plantation



Plantation



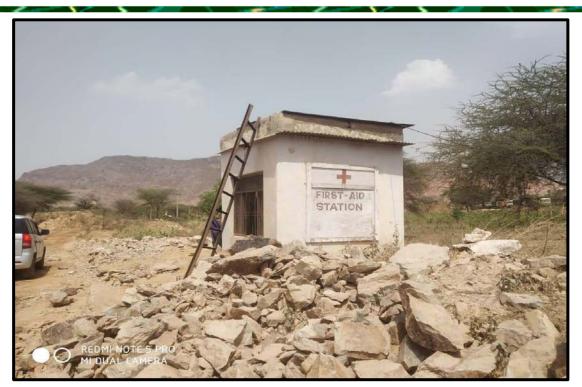
Garland Drain



Water Sample



Labors Colony



First Aid Room

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY HARYANA Bay No. 55-58, Prayatan Bhawan, Sector-2, PANCHKULA.

No. SEIAA/HR/2016/ 375

Dated: 04-10-2016

10

M/s ASD RKC J.V. 40.1 axmi Nagar, Near Sub City Centre, Hiran Magri, Sector-8, Udaipur, Rajasthan-313002.

Subject: E

Environmental Clearance for proposed Stone along with Associated Minor Minerals at Kheribattar Plot 2, over an area of 42.0 HaTehsil-Dadri District-Bhiwani, Haryana.

This has reference to your application no. nil dated 30.11.2015 addressed to M. S. SEIAA Haryana received online on 30.11.2015 and subsequent letter dated 26.07.2016 seeking prior environmental clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., Form-1, Pre-feasibility report, copy of approved Mining Plan, EIA/EMP on the basis of approved TOR and the additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) constituted by MOEF & CC, GOI vide their Notification 21.08.2015, in its meetings held on 13.01.2016 and 03.08.2016.

[2] The SEAC has examined the application and noted that the proposal is for Mining of Stone along with Associated Minor Minerals at Kheribattar Plot 2, over an area of 42.0 Ha at Tehsil- Dadri District-Bhiwani, Haryana, Khasra no.139, 140 & 141 min. The Letter of Intent (LOI) dated 21.10.2015 has been granted for an area of 42.0 Ha having Village- Kheribattar Plot 2. The validity of Mining Scheme in the Mining plan is for 5 years. The project proponent has submitted copy NOC from Forest Department. The SFAC appraised this project under category 1(a) as category B-1 project as other mine lease area is also located within 500 meter. The project proposal has been appraised as per proper procedure of EIA Notification i.e. approval of TOR and Public hearing.

1.	Category/Item no. (in schedule):	1 (a) B-1
2.	Location of Project	Village- Kheribattar Plot 2, Tehsil-Dadri District- Bhiwani, Haryana over an area of 42.0 Ha
3.	Project Details Khasra No.	Mining of Stone along with Associated Minerals "Kheribattar Plot 2", over an area of 42.0 Ha Khasra no.139, 140 & 141 min
	Production capacity	81,66,000 MT/Year (27220 Ton/day)
4.	Project Cost	4.23 Crores

Brief details of the project:

5.	Water Requirement & Source	10 KLD through Tankers				
		Dust sup	pression & V	Vet Drilling	4 KLD	
		Plantatic	n		4 KI.D	
		Drinking			2 KLD	
6.	Environment Management Plan Budget	54 lakh				
7_{\pm}	CSR Activates Budget	24.5 Lakh				
8.	Production (Year wise)					
		Year	Bench mrl		Production	
		First	381,372,363	3,354,336,327	70 lakh MT	
		Second	327, 318, 309, 300		70 lakh MT	
		Third	300. 291, 282		75 lakh M'I	
		Fourth	282 & 273		80 lakh MT	
		Fifth	264 & 255		81.66 lakh MT	
9.	Green belt-plantation					
			Plantation	Proposed Pla	antation	
		I Yr.		700 Trees	المحمر المحمول المحم	
		II Yr.		700 Trees		
		III Yr.		700 Trees		
				700 Trees	and the second s	
		VYr.		700 Trees		
10	. Machinery required	Excavator, Dozer Crawler Mounted,				
		Wagon Drill with inbuilt Compressors,				
		Air Compressor, Rock Breaker,				
		Diesel Operated Pump, Explosive Van				

The SEIAA in its 95^{th} meeting held on 26.08.2016 decided to agree with the recommendations of SEAC to accord Environment Clearance to this project by imposing the following conditions.

SPECIFIC CONDITIONS:

[1] This Environment Clearance is granted for Production of Stone along with Associated Minerals as per below mentioned figures.

Year	Bench mrl	Production
First	381,372,363,354,336,327	70 lakh MT
Second	327, 318, 309, 300	70 lakh MT
Third	300, 291, 282	75 lakh MT
Fourth	282 & 273	80 lakh MT
Fifth	264 & 255	81.66 lakh MT

- [2] The project proponent shall obtain prior CTO under Air Act and Water Act from HSPCB and effectively implement all the conditions stipulated by the HSPCB.
- [3] The project proponent shall carry out mining activity strictly as per the approved Mining Plan.
- [4] The project proponent shall ensure that the mining operations shall not intersect groundwater table and the mining operation should be restricted at least 3 meter above the ground water table.

- [5] Topsoil shall be stacked temporarily at earmarked sites only and it shall not be kept unutilized for a period more than three years; it shall be used for land reelamation and plantation in mined out areas.
- [6] The project proponent shall ensure that no natural water course/water body shall be obstructed due to any mining operations.
- [7] The over burden generated shall be stacked at earmarked dump site (s) only and it shall not be kept active for long period of time. The maximum height of the already existing waste dumps shall not exceed 5 meter in single terraces and the slope angle shall not exceed 28° as per norms.
- [8] The dumping site selected and proposed shall be used for OB dump at the designated site within the lease area as per the approved mine plan. In no case the overburden should be dumped outside the lease area.
- [9] The benches height and slope shall be maintained as per approved mining plan.
- [10] Waste dump shall be terraced. The height of the dump and its slope shall not exceed as suggested in the approved mining plan. A retaining wall shall be constructed at the toe of the dump.
- [11] Garland drains shall be constructed to prevent the flow of the water in the dumps.
- [12] Check dams shall be constructed in the seasonal rivulets to prevent the flow of times to low lying areas during rains.
- [13] The total waste generated in the present plan period shall be as envisaged, which shall be accommodated in old dumpsite in addition to the waste already dumped. Monitoring and management of rehabilitated areas shall continue until the vegetation becomes <u>self</u> sustaining. Compliance status shall be submitted to HSPCB and MOEF Zonal Office, Chandigarh on six monthly bases.
- [14] Drills shall either be operated with dust extractors or equipped with water injection system.
- [15] The higher benches of excavated void/mining pit shall be terraced and plantation done to stabilize the slopes. The slop of higher benches shall be made gentler for easy accessibility by local people to use the water body. Peripheral fencing shall be carried out along the excavated area.
- [16] Catch drains and siltation ponds of appropriate size shall be constructed for the working pit. OB dumps and mineral dumps to arrest flow of silt and sediment. The water so collected shall be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly de-silted, particularly after monsoon and maintained properly.
- [17] Garland drains: setting tanks and check dams of appropriate size, gradient and length shall be constructed both around the mine pit and over burden dumps and sump capacity shall be designed keeping 50% safety margin over and above peak sudden raintall (based on 50 years data) and maximum discharge in the area

adjoining the mine site. Sump capacity shall also provide adequate pits shall be constructed at the corners of the garland drains and de-silted.

9/4)

- [18] Dimension of the retaining wall at the toe of dumps and OB benches within the mine to check run-off and siltation shall be based on the rainfall data.
- [19] Green belt should be developed as per the proposed plantation as given in the proposal. Plantation should be carried out in phased manner. The green belt should be developed in the safety zone around the mining lease by planting the native species around ML area. OB dumps, backfilled and reclaimed around water body, road etc. in consultation with the local DFO/Agriculture Department.
- [20] Regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of SPM and RPM such as haul road, loading and unloading point and transfer points. The project proponent shall adopt water curtain technology to suppress the RPM as per the assurance given. It shall be ensured that the Ambient Air Quality Parameters conform to the norms prescribed by the CPCB.
- [21] The project authority shall implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.
- [22] Regular monitoring of ground water level and quality shall be carried out in and around the mine lease. The monitoring shall be carried out four times in a year-pre monsoon (April-May), monsoon (August), post monsoon (November); winter (January) and the data thus collected may be sent regularly to MOEF Regional Office. Chandigarh and Regional Director CGWB.

1

- [23] Data on ambient air quality and stack emissions shall be submitted to Haryana Pollution Control Board once in six months carried out by MOEF/NABL/CPCB/Government approved lab.
- [24] Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The vehicles shall be covered with a tarpaulin and shall not be overloaded. The project proponent shall ensure that the vehicle must have pollution under control certificate.
- [25] Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigation measures for control of ground vibrations and to arrest fly rocks and boulders shall be implemented.
- [26] The blasting operation will be carried out as per the norms of Director (Mines & Safety), Gaziabad. Take all safety measures as per the various mining regulations.
- [27] The project proponent shall take all precautionary measures during mining operations for conservation and protection of endangered fauna, if any, spotted in the study area. A plan for conservation shall be drawn and approved by the State

Wildlife Department. Necessary allocation of funds for implementation of the conservation plan shall be made and the funds so allocated shall be included in the project cost. All the safeguard measures brought out in the wildlife conservation plan so prepared specific to the project site shall be effectively implemented. A copy of action plan may be submitted to the HSPCB and MOEF, Regional Office. Chandigarh within 3 months.

- [28] As envisaged, the Project Proponent shall invest at least an amount of Rs. 54 lakh as cost for implementing various environmental protection measures including recurring expenses per year.
- [29] A sum of Rs. 24.5 lakh shall be earmarked by the Project proponent for investment as CSR on socio economic up-liftment activities of the area particularly in the area of habitat, health or education, training programme of rural women & man provide the kit for employment generation. The proposal should contain provision for monthly medical camps, distributions of medicines and improvement in educational facilities in the nearby schools. Details of such activity along with time bound action plan be submitted to HSPCB/SEIAA Haryana before the start of operation.
- [30] Budgetary provision of Rs. 08 lakh per year earmarked for the labours working in the Mine for all necessary infrastructure facilities such as health facility, sanitation facility, fuel for cooking, along with safe drinking water, medical camps and toilets for women, crèche for infants should be made and submitted to HSPCB at the time of CTO/SEIAA Haryana. The housing facilities should be provided for mining labours.

1

- [31] A Final Mine Closure Plan along with details of corpus fund shall be submitted to the SEIAA well within the stipulated period as prescribed in the minor mineral concession rules 2012.
- [32] The water reservoir, which would be created/available during post closure (all pits), shall be provided with suitable benches and fencing to provide the access to the water body and safety.
- [33] The project proponent shall ensure that the EC letter as well as the status of compliance of EC conditions and the monitoring data are placed on company's website and displayed at the project site.
- [34] The project proponent shall ensure that loading in Trucks do not exceed the norms fixed by the Transport Department as per relevant rules.
- [35] The project proponent shall ensure approach roads are widened and strengthened as per requirements fixed by PWD and district administration before the start of the work.
- [36] The project proponent shall ensure that all measures are taken simultaneously for safeguard and maintenance of the health of the workers.

[37] The project proponent shall ensure supply of drinking water through RO.

GENERAL CONDITIONS:

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- [i] Any change in mining technology/scope of working shall not be made without prior approval of the SEIAA.
- [ii] Any change in the calendar plan including excavation, quantum of mineral and waste shall not be made.
- [iii] Periodic monitoring of ambient air quality shall be carried out for PM_{10} , $PM_{2.5}$, SO_2 and NOx monitoring. Location of the stations (minimum 6) shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring shall be decided in consultation with the Haryana State Pollution Control Board (HSPCB). Six monthly reports of the data so collected shall be regularly submitted to the HSPCB/CPCB including the MOEF. Regional office, Chandigarh.
- [iv] Measures shall be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM etc. shall be provided with earplugs/muffs.
- [v] Waste water (workshop and waste water from the mine) shall be properly collected & treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May 93 and 31st December 1993 (amended to date). Oil and grease trap shall be installed before discharge.
- [vi] Personnel working in dusty areas shall wear protective respiratory devices they shall also be provided with adequate training and information on safety and health aspects.
- [vii] Occupational health surveillance program of the workers shall be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- [viii] The funds carmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year wise expenditure shall be reported to the HSPCB and the Regional office of MOEF located at Chandigarh.
- [ix] The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the northern Regional Office of MoEF, the respective Office of CPCB, HSPCB and SEIAA Haryana.
- [x] The SEIAA. Haryana reserves the right to add new conditions, modify/annual any of the stipulated conditions and/or to revoke the clearance if implementation of any of the condition stipulated by SEIAA, Haryana or any other competent authorities is not satisfactory.
- [xi] Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- [xii] The above conditions will be enforced, inter alia, under the provision of the Water (Prevention & Control of Pollution) Act, 1974 the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act 1991 (all amended till date) and rules made hereunder and also any other orders passed by the Honb'le Supreme Court of India/High Court of Haryana and other Court of law relating to the subject matter.

- [xiii] The Project proponent should inform the public that the project has been accorded Environment Clearance by the SEIAA and copies of the clearance letter are available with the Haryana State Pollution Control Board & SEIAA. This should be advertised within 7 days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region and the copy of the same should be forwarded to SEIAA Haryana. A copy of Environment Clearance conditions shall also be put on project proponent's web site for public awareness.
- [viv] All the other statutory clearances such as the approvals for storage of diesel from the Chief Controller of Explosives. Fire department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (protection) Act, 1972 etc. shall be obtained, as may be applicable, by Project proponent from the competent authority before the start of mining operation.
- [xv] That the grant of this EC is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time being in force, rests with the industry/unit/project proponent. Any appeal against this environmental clearance shall lie with the National Green Tribunal. if preferred, within a period of 30 days as prescribed under section 16 of National Green Tribunal Act. 2010.

rman

State Level Environment Impact Assessment Authority, Haryana, Panchkula.

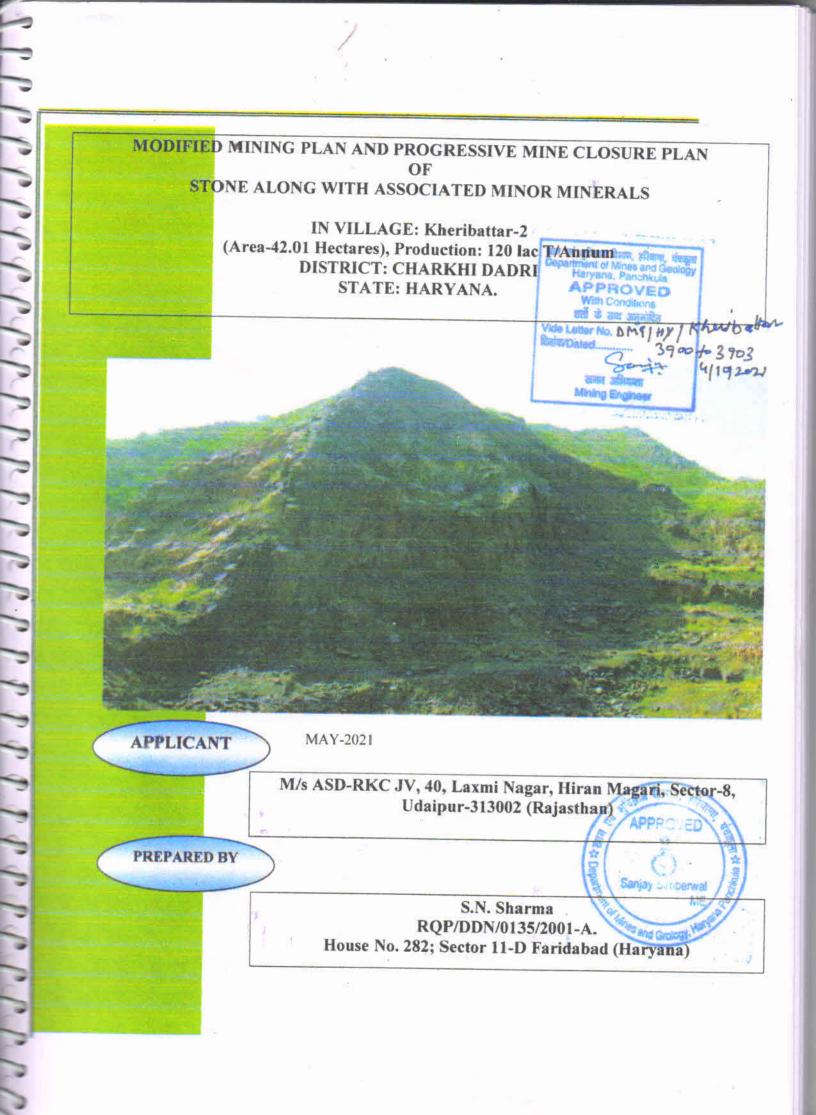
Fadst, No. SEIAA HR/2016/

Dated:

A copy of the above is forwarded to the following:

- The Director (IA Division). MoEF&CC, GoI, Indra Paryavaran Bhavan, Zor bagh Road-New Delhi.
- The Regional office, Ministry of Environment, Forests & Climate Change, Govt. of India. Bay's no. 24-25. Sector 31-A, Dakshin Marg, Chandigarh.
- 3. The Chairman, Haryana State Pollution Control Board, C-11, Sector-6, Pkl.
- 4. The Director General, Mines & Geology Department Haryana, Chandigarh.

Chairman, State Level Environment Impact Assessment Authority, Haryana, Panchkula.





HARYANA STATE POLLUTION CONTROL BOARD SCF-32, sector 13, HUDA, Bhiwani Ph. 01664-240259 Email:- hspcbrojr@gmail.com E-mail: hspcb@hry.nic.in



No. HSPCB/Consent/: 313100421CRDCTO12611329

Dated:07/07/2021

To.

M/s :ASD RKC J.V KHASARA NO. 139,140,141MIN VILLAGE KHARIBATTAR, TEHSIL DADRI, BHIWANI, HARYANA

Subject: Grant of consent to operate to M/s ASD RKC J.V.

Please refer to your application no. 12611329 received on dated 2021-06-02 in regional office Bhiwani.With reference to your above application for consent to operate,M/s ASD RKC J.V is here by granted consent as per following specification/Terms and conditions.

Consent Under	ВОТН
Period of consent	01/10/2021 - 30/09/2026
Industry Type	Mining and ore beneficiation
Category	RED
Investment(In Lakh)	788.0
Total Land Area(Sq. meter)	4020100.0
Total Builtup Area(Sq. meter)	10000.0
Quantity of effluent	
1. Trade	0.0 KL/Day
2. Domestic	1.5 KL/Day
Number of outlets	1.0
Mode of discharge	
1. Domestic	Septic tank
2. Trade	
Domestic Effluent Para	meters
1. NA	
Trade Effluent Paramet	ters
1. NA	
Number of stacks	1
Height of stack	
1. NA	
Emission parameters	
1. PM 10	100
2. PM 2.5	60
Product Details	
1. Mining of stones	27220 Metric Tonnes/day

Capacity of boiler		
1. NA	Ton/hr	
Type of Furnace		
1. NA		
Type of Fuel		
1. Electricity	Kilowatt/day	
Raw Material Details		
Mining of stones	27220 Metric Tonnes/Day	

Regional Officer, Bhiwani Haryana State Pollution Control Board. Terms and conditions

1. The applicants shall maintain good house keeping both within factory and in the premises. All hose pipelines values, storage tanks etc. shall be leak proof. In plant allowable pollutants levels, if specified by State Board should be met strictly.

2. The applicant/company shall comply with and carry out directive/orders issued by the Board in this consent order at all subsequent times without negligence of his /its part. The applicant/company shall be liable for such legal action against him as per provision of the law/act in case of violation of any order/directives. Issued at any time and or non compliance of the terms and conditions of his consent order.

3. The applicant shall make an application for grant of consent at least 90 days before the date of expiry of this consent.

4. Necessary fee as prescribed for obtaining renewal consent shall be paid by the applicant along with the consent application.

5. If due to any technological improvement or otherwise this Board is of opinion that all or any of the conditions referred to above required variation (including the change of any control equipment either in whole or in part) this Board shall after giving the applicant an opportunity of being heard vary all or such condition and there upon the applicant shall be bound to comply with the conditions so varied.

6. The industry shall provide adequate arrangement for fighting the accidental leakages, discharge of any pollutants gas/liquids from the vessels, mechanical equipment etc. which are likely to cause environment pollution.

7. The industry shall comply noise pollution (Regulation and control) Rules, 2000.

8. The industry shall comply all the direction/Rules/Instructions as may be issued by the MOEF/CPCB/HSPCB from time to time.

9. The industry shall ensure that various characteristics of the effluents remain within the tolerance limits as specified in EPA Standard and as amended from time to time and at no time the concentration of any characteristics should exceed these limits for discharge.

10. The industry would immediately submit the revised application to the Board in the event of any change in the raw material in process, mode of treatment/discharge of effluent. In case of change of process at any stage during the consent period, the industry shall submit fresh consent application alongwith the consent to operate fee, if found due, which may be on any account and that shall be paid by the industry and the industry would immediately submit the consent application to the Board in the event of any change during the year in the raw material,

quantity, quality of the effluent, mode of discharge, treatment facilities etc.

11. The officer/official of the Board shall reserve the right to access for the inspection of the industry in connection with the various process and the treatment facilities. The consent to operate is subject to review by the Board at any time.

12. Permissible limits for any pollutants mentioned in the consent to operate order should not exceed the concentration permitted in the effluent by the Board.

13. The industry shall pay the balance fee, in case it is found due from the industry at any time later on.

14. If the industry fails to adhere to any of the conditions of this consent to operate order, the consent to operate so granted shall automatically lapse.

15. If the industry is closed temporarily at its own, they shall inform the Board and obtain permission before restart of the unit.

16. The industry shall comply all the Directions/ Rules/Instructions issued from time to time by the Board.

Specific Conditions :

1. That the unit will submit the analysis report air emissions, Noise monitoring, water etc regularly as per policy of the Board and as per conditions of EC obtained.

2. That the unit will run and maintain the APCM & Green belt.

3. That the unit will apply for renewal of consent to operate before 90 days from the expiry of this CTO.

4. The said mining project will make strict compliance of EC granted by MOEF/SEIAA.

5. The sa<mark>id unit will submit half yearly Environment management report</mark> as per EC condition & board policy for mining projects.

6. The unit use dust suppression and APCM to overcome air emission.

7.Unit will apply for HW authorization & make agreement with board authorized agency for safe disposal of Hazardous waste as per HOWM Rules, 2016.

8. The said unit will make Dust Suppression and wet drilling by using water through sprinklers etc.(ix) unit will install AAQMS at three locations within mining lease area for EC compliance (copy of comprehensive inspection report on prescribed Performa along with photographs).
9.Unit will take all necessary clearances from all the concerned departments / agencies.
10. The unit will abide with the directions/guidelines HSPCB/CPCB/ any court decision/ direction of any competent authority.

11. This CTO is without prejudice to any action under the provisions of applicable laws / acts / notification / courts order to be taken in respect of any violation at any stage without any claim of the unit. If the unit fails to comply the provisions of EC/CTE/CTO, various applicable provisions of concerned departments / agencies / authorities / any relevant decision of court, the consent to operate so granted shall be revoked automatically without giving any notice. 12. If the unit is found not complying the conditions of CTO so granted at any stage, the unit will be liable for legal action, closure action as per the provisions of Environmental Acts/laws and for lavvy of Environment Compensation on the basis of polluter pay principle as per the directions of Hon'ble NGT / EPCA/CPCB/ HSPCB issued from time to time.

Regional Officer, Bhiwani Haryana State Pollution Control Board. दिनांक: 07 सितम्बर, 2023

M /S ASD RKC JV, स्टोन माइन -2, खेरीबतर चरखी दादरी, हरियाणा

हम सत्यापित करते है कि वर्ष 2023 -24 के लिए M/s ASD RKC J V के दवारा पौधरोपण का कार्य माह सितम्बर 2023 के दौरान वन विभाग के अधिकारियो कि देख रेख में किया है एवं कुल 1885 पौधे लगाए गए है जो कि अलग अलग प्रकार / प्रजाति के है , सभी पौधे माइनिंग क्षेत्र/लीज क्षेत्र तथा में लगाए गए है ।

वन विभाग हरीयाणा

BLOCK FOREST OFFICER - 2: ? ? !

ASD-RKC J V KHERI BATTAR STONE MINES-2 CHARKHI DADRI







































FOREST DEPARTMENT GOVT. OF HARYANA O/o Divisional Forest Officer, Bhiwani

Meham Road, Vidya Nagar, Bhiwani, Tel. No. 01664-242430, E-mail:-dfo.bhiwani@yahoo.com

арніа / <u>1938</u> Стала Саніа / <u>03-11-) 5</u>
सेवा मेः- M/s. ASD-RKC J.V.,
40, Laxmi Nagar, Near Sub City Centre.
Hira magari, Sector-8 Udaipur. 313002 (Raj)
विषयः Issue of Certificate Regarding Non-involvement of Forest land and Wildlife Sanctury in mine lease area of 42.01 ha. at Village Kheri Battar -2" Tehsil Charkhi Dadri Distt. Bhiwani. संदर्भः आपका प्रार्थना पत्र Memoदिनांक 29.10.2015 के संदर्भ में।
उपरोक्त विषय के सम्बन्ध में सूचित किया जाता है कि गांव खेड़ी बत्तर–2 तहसील दादरी
जिला भिवानी स्थित खसरा नं० 139, 140 व 141 का कुल क्षेत्र 42.01 हैक्टेयर अरावली पौधारोपण क्षेत्र में
नहीं आता व किसी प्रकार की वन भूमि (Category of Forest Land) का पार्ट भी नहीं हैं। अतः रिकार्ड
अनुसार वन विभाग गांव खेड़ी बत्तर—2 तहसील दादरी जिला भिवानी स्थित खसरा नं0 139, 140 व 141 के

कुल क्षेत्रफल 42.01 हैक्टेयर ऐरिया में खनन से सम्बन्धित गतिविधियां चलाने की अनुमति निम्न शर्तों के आधार पर दी जाती है:—

- मौका पर भारतीय वन संरक्षण अधिनियम 1980 की पालना सुनिश्चित करनी होगी तथा साथ लगते अरावली पौधारोपण क्षेत्र / वन भूमि को गैर वन वानिकी उद्रेश्य हेतु प्रयोग करने से पूर्व नियमानुसार वन विभाग से अनुमति लेनी होगी।
- खनन ऐरिया सैक्शन–4 (सामान्य) के तहत आता है। इसलिये मौका पर पंजाब भू–संरक्षण अधिनियम 1900 तथा भारतीय वन संरक्षण अधिनियम 1927 की पालना सुनिष्चित करनी होगी।
- मौका पर खनन क्षेत्र के साथ लगते हुये अरावली पौधारोपण को कोई हानि नहीं पहुंचाई जाएगी।
 यूजर एजेंसी द्वारा मौका पर खनन क्षेत्र में लगवाये गये पिल्लरों पर जी0पी0एस0 कोर्डिनेट अंकित करवाये जायेंगे।
- 5. भारतीय वन्य प्राणी अधिनियम 1972 की सभी शर्तों की पालना की जाएगी। इसके अतिक्ति मौका पर उपरोक्त शर्तों के अलावा पर्यावरण को क्षति पहुंचाने की कोई भी गतिविधि/उल्लंघना पाई गई तो वन विभाग द्वारा यह अनापत्ति प्रमाण पत्र रदद किया जा सकता ही

वन मण्डल अधिकारी, भिवानी ।

29

पु०कमांक : दिनांकः इसकी एक प्रति वन राजिक अधिकारी दादरी को मौका पर वन अधिनियमों की पालना सुनिश्चित करने हेतू प्रेषित है। EGC.

वन मण्डल अधिकारी भिवानी ।

Gen.Letter









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Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr) ISO 9001 | ISO 14001 | ISO 45001

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Page No. 1/1

Test Report

ameters		Те	st Method	Results	Units	Limit as per
Parameter Require	ed	3	As per work order			
		:	24.0 Hrs.			
Sampling & Analys	sis Protocol	:	IS : 5182			
Scope of Monitori	ng	:	Regulatory Requirement	it		
Surrounding Activ	ity	:	Human & Vehiicular Ac	tivities		
Ambient Temperat	ture (°C)		26.0 Min to 36.0 Max			
Time of Monitoring	9	:	09:00 AM to 09:00 AM			
Date of Monitoring	1)23		
Meteorological co	ndition during monitoring	2	Clear Skv			
Instrument Calibra	ation Status					
Instrument Code		-				
Sampling Equipm	ent used		and the second	iver engry		
Sample Collected	Ву		VEL Representative (Di	lver Singh)		
			Near Mine Site			
oup	: Atmospheric Pollution					
Name of Sample : AMBIENT A				Receipt Date	: 11/09/2023	
	Kheribattar Plot-2, Tehsil-I	Dadri	i, Distt-Bhiwani Haryana	Period of Analysis	17 I SARANGNA DIREMANDA	-16/09/2023
	0				· · · · · · · · · · · · · · · · · · ·	
diess of the rarty						
dress of the Party	· M/A ARD BKC IV 40 La	man i h	Janas Maas Cub City		70500	
	General Informa Sampling Location Sample Collected Sampling Equipme Instrument Code Instrument Calibra Meteorological co Date of Monitoring Time of Monitoring Ambient Temperat Surrounding Active Scope of Monitoring Sampling & Analys Sampling Duration Parameter Require	Hiran Margi, Sector-8, Uda Project Name:-Stone Mine Kheribattar Plot-2, Tehsil-I Muple : AMBIENT AIR Supp : Atmospheric Pollution General Information Sampling Location Sample Collected By Sampling Equipment used Instrument Code Instrument Code Instrument Calibration Status Meteorological condition during monitoring Date of Monitoring Time of Monitoring Time of Monitoring Ambient Temperature (°C) Surrounding Activity Scope of Monitoring Sampling & Analysis Protocol Sampling Duration Parameter Required	Hiran Margi, Sector-8, Udaipur Project Name:-Stone Mine (As Kheribattar Plot-2, Tehsil-Dadr umple : AMBIENT AIR pup : Atmospheric Pollution General Information : Sampling Location : Sample Collected By : Sampling Equipment used : Instrument Code : Instrument Calibration Status : Meteorological condition during monitoring : Date of Monitoring : Time of Monitoring : Scope of Monitoring : Sampling & Analysis Protocol : Sampling Duration :	Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani HaryanaImple: AMBIENT AIRDup: Atmospheric PollutionGeneral Information Sampling Location: Near Mine SiteSample Collected By: VEL Representative (Di Sampling Equipment usedInstrument Code: VEL/RDS/FPS/11Instrument Calibration Status: CalibratedMeteorological condition during monitoring: Olay (2023 To 09/09/20)Time of Monitoring: 09:00 AM to 09:00 AMAmbient Temperature (°C): 26.0 Min to 36.0 MaxSurrounding Activity: Human & Vehiicular AcScope of Monitoring: Regulatory RequirementSampling & Analysis Protocol: IS : 5182Sampling Duration: 24.0 Hrs.Parameter Required: As per work order	Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani HaryanaParty Reference No Reporting Date Period of Analysis Receipt Datemple: AMBIENT AIRPeriod of Analysis Receipt DatePeriod of Analysis Receipt Dateoup: Atmospheric PollutionSampling Location: Near Mine SiteSample Collected By: VEL Representative (Dilver Singh)Sampling Equipment used: RDS/FPSInstrument Code: VEL/RDS/FPS/11Instrument Calibration Status: ClaibratedMeteorological condition during monitoring: Olivor 2000 AMAmbient Temperature (°C): 26.0 Min to 36.0 MaxSurrounding Activity: Human & Vehicular ActivitiesScope of Monitoring: IS : 5182Sampling Duration: 24.0 Hrs.Parameter Required: As per work order	Hiran Margi, Sector 8, Udajpur, Rajashan 313002, Project Name-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani HaryanaParty Reference NoNILReporting Date: 16/09/2023 Period of Analysis: 11/09/2023 Period of Analysis: 11/09/2023 Period of Analysisample: AMBIENT AIR: Near Mine Site: 11/09/2023 Receipt Date: 11/09/2023 Period of AnalysisGeneral Information Sampling Location: Near Mine Site: Near Mine SiteSample Collected By: VEL Representative (Dilver Singh): Near Mine SiteSampling Equipment used: RDS/FPS: VEL/RDS/FPS/11Instrument Code: VEL/RDS/FPS/11: Near SkyDate of Monitoring: Clear Sky: 08/09/2023 To 09/09/2023Time of Monitoring: 26.0 Min to 36.0 MaxSurrounding Activity: Human & Vehicular ActivitiesScope of Monitoring: Regulatory RequirementSampling & Analysis Protocol: IS : 5182Sampling Duration: 24.0 Hrs.Parameter Required: As per work order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
Disci	pline : Chemical				
1	Particulate Matter (as PM -10)	IS:5182 (P-23)	98.48	µg/m³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24)	57.25	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS 5182 (P- 6)	12.95	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P -2)	8.95	µg/m³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.88	mg/m ³	4.0

Note - # indicates 1 hour monitoring of CO.

End of Report



ENVI Authorized Signatory

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The report no. with Suffix A-Amended Report.
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Test Report

Sample Number:VEL/02Report No.:VEL/AP/23091Name & Address of the Party:: <td::::::::::::::::::::::::::::::::::< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td::::::::::::::::::::::::::::::::::<>								
Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Minerall), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana Party Reference No : NIL Reporting Date : 16/09/2023 Project Name:-Stone Mine (Associated Minor Minerall), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana Period of Analysis : 11/09/2023-16, Receipt Date Name of Sample : Atmospheric Pollution General Information : 100 Mtr. From Mine Site : 11/09/2023 Sampling Location : 100 Mtr. From Mine Site : 11/09/2023 : 11/09/2023 Sampling Equipment used : RDS/FPS : 11/09/2023 : 11/09/2023 Instrument Code : VEL/RDS/FPS/12 : Sampling Equipment used : RDS/FPS Instrument Calibration Status : Calibrated : Calibrated Meteorological condition during monitoring : Clear Sky : 09:10 AM to 09:10 AM Date of Monitoring : 09:10 AM to 09:10 AM : 26.0 Min to 36.0 Max Surrounding Activity : Human & Vehicular Activities : 5182 Scope of Monitoring : S1:5182 : 24.0 Hrs.	Sample	Number: VEL/02				Report No.	: VEL/AP/23	09110064
Project Name:-Stone Mine (Associated Minor Mineral) Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana ame of Sample and the analysis of Analysis in 11/09/2023-16/ ample Group in Atmospheric Pollution Sampling Location in Sampling Equipment used in Sampling Equipment used in Sampling Equipment used in Sampling Equipment used in Sampling Equipment of Sampling Equipment used in Sampling Equipment in Status in Status in Sampling Instrument Calibration Status in Sampling Instrument Calibration in Status in Sampling Information in Sampling Information in Sampling Information in Sampling Analysis in Sampling Analysis in Status in Sampling Analysis in Sampling Analysis in Sampling Location in Sampling Location in Sampling Information in Sampling Information in Sampling Information in Sampling Analysis in Sampling Location in Satura in Sampling Location in Satura in	ame &	& Address of the Party	: M/s ASD RKC J.V. 40	0, Laxmi N	lagar Near Sub City	Format No	: 7.8 F-03	
Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana Reporting Date 1009/2023 Jame of Sample : AMBIENT AIR : 11/09/2023-16/ ample Group : Atmospheric Pollution : 11/09/2023 General Information : Atmospheric Pollution : 11/09/2023 Sampling Location : 100 Mtr. From Mine Site : 11/09/2023 Sample Collected By : VEL Representative (Dilver Singh) : 100 Mtr. From Mine Site Sampling Equipment used : RDS/FPS : Calibrated Instrument Code : Calibrated : Calibrated Meteorological condition during monitoring : 08/09/2023 To 09/09/2023 :			Hiran Margi, Sector-8	3, Udaipur,	, Rajasthan-313002,	Party Reference No	: NIL	
Iame of Sample : AMBIENT AIR Receipt Date : 11/09/2023-16. nample Group : Atmospheric Pollution : 100 Mtr. From Mine Site : 11/09/2023 General Information Sampling Location : 100 Mtr. From Mine Site : 100 Mtr. From Mine Site Sample Collected By : VEL Representative (Dilver Singh) : RDS/FPS Instrument Code : VEL/RDS/FPS/12 : Instrument Calibration Status : Calibrated Meteorological condition during monitoring : 08/09/2023 To 09/09/2023 :						Reporting Date	: 16/09/2023	
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Ambient Temperature (°C): 26.0 Min to 36.0 MaxSurrounding Activity: Human & Vehiicular ActivitiesScope of Monitoring: Regulatory RequirementSampling & Analysis Protocol: IS : 5182Sampling Duration: 24.0 Hrs.				:	Cases and sciences and the second	023		
Surrounding Activity:Scope of Monitoring:Regulatory RequirementSampling & Analysis Protocol:Sampling Duration:24.0 Hrs.		ar ware contained						
Scope of Monitoring : Regulatory Requirement Sampling & Analysis Protocol : IS : 5182 Sampling Duration : 24.0 Hrs.		Construction and the second statement of the second	· ·			tivities		
Sampling & Analysis Protocol : IS : 5182 Sampling Duration : 24.0 Hrs.					Mine 11 15 1424 - 26			
Sampling Duration : 24.0 Hrs.		·	0		•	n.		
Parameter Required : As per work order		Parameter Require		:				
S.No. Parameters Test Method Results Units	S.No.	Parameters		Te	st Method	Results	Units	Limit as per CPCB
Discipline : Chemical	1	Particulate Matter (as I	PM -10)	IS:5	5182 (P-23)	94.68	μg/m³	100
	2	Particulate Matter (as I	PM - 2 5)	15.6	182 (P.24)	54 02	11a/m3	00

2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24)	54.92	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS 5182 (P- 6)	14.98	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P -2)	8.96	µg/m³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.66	mg/m ³	4.0

Indicated 1 hour Monitoring of CO.

End of Report

EN 1.4 Reviewed By

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Test Report

							Page No.
	Number: VEL/03				Report No.	: VEL/AP/23	09110065
lame &	& Address of the Party	: M/s ASD RKC J.V. 40	, Laxmi N	lagar Near Sub City	Format No	· 7.8 F-03	
		Hiran Margi, Sector-8,			Party Reference No	 A CONSISTO SERVICE 	
				sociated Minor Mineral),	Reporting Date	: 16/09/2023	
		Kheribattar Plot-2, Teh	nsil-Dadri	, Distt-Bhiwani Haryana	Period of Analysis	: 11/09/2023	-16/09/2023
Jame o	of Sample				Receipt Date	: 11/09/2023	
	e Group	: AMBIENT AIR				-	
umpre	General Informa	: Atmospheric Pollution					
	Sampling Location			Haul Road			
	Sample Collected			a contract of the second se			
	Sampling Equipme	,		VEL Representative (D	liver Singh)		
	Instrument Code	entuseu		RDS/FPS			
	Instrument Colle	ation Status		VEL/RDS/FPS/13			
			•	Calibrated			
		ndition during monitorin	ig :	Clear Sky			
	Date of Monitoring	5.1	:	08/09/2023 To 09/09/20	023		
	Time of Monitoring	5	:	10:30 AM to 10:30 AM			
	Ambient Temperat		:	26.0 Min to 36.0 Max			
	Surrounding Activ	1977	:	Human & Vehiicular Ac			
	Scope of Monitorin	0	:	Regulatory Requirement	nt		
	Sampling & Analys		:	IS : 5182			
	Sampling Duration		:	24.0 Hrs.			
	Parameter Require	ed.	:	As per work order			
S.No.	Parameters		Te	st Method	Results	Units	Limit as per
-							СРСВ
Discip	pline : Chemical						
1	Particulate Matter (as P	'M -10)	IS:5	182 (P-23)	98.95	µg/m³	100
2	Particulate Matter (as P	'M - 2.5)	IS:5	182 (P-24)	57.25	µg/m³	60
3	Nitrogen Dioxides (as N	NO2)	IS 5	5182 (P- 6)	12.90	µg/m³	80

#Carbon Monoxide (as CO) # Indicated 1 hour Monitring of Co.

Sulphur Dioxide (as SO2)

End of Report

9.45

0.70

IS 5182 (P -2)

IS 5182 (P-10), NDIR Method

Reviewed By

4

5

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80

4.0

µg/m³

mg/m³



Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr) ISO 9001 | ISO 14001 | ISO 45001



Page No. 1/1

Test Report

S.No.	Parameters		Те	st Method	Results	Units	Limit as pe CPCB
	Parameter Require	d	;	As per work order			
	Sampling Duration		:	24.0 Hrs.			
	Sampling & Analys		:	IS : 5182			
	Scope of Monitoria	ng	3	Regulatory Requirement	t		
	Surrounding Activ	ity	÷	Human & Vehiicular Ac	tivities		
	Ambient Temperat	ure (°C)	:	26.0 Min to 36.0 Max			
	Time of Monitoring	9	:	10:20 AM to 10:20 AM			
	Date of Monitoring		:	08/09/2023 To 09/09/20	023		
	Meteorological co	ndition during monitoring	:	Clear Sky			
	Instrument Calibra	tion Status	:	Calibrated			
	Instrument Code		:	VEL/RDS/FPS/14			
	Sampling Equipme	ent used	:	RDS/FPS	•		
	Sample Collected	Ву	:	VEL Representative (Di	lver Singh)		
	Sampling Location		:	Loading Area			
norma con e acteria	General Informa	2 C C C C C C C C C C C C C C C C C C C					
	e Group	: Atmospheric Pollution					
lame	of Sample	: AMBIENT AIR			Period of Analysis Receipt Date	: 11/09/2023 : 11/09/2023	
		Project Name:-Stone Min Kheribattar Plot-2, Tehsil-			Reporting Date	: 16/09/2023	
		Hiran Margi, Sector-8, Uc			Party Reference No	: NIL	
lame &	& Address of the Party	: M/s ASD RKC J.V. 40, La		- 90	Format No	: 7.8 F-03	
100.000.000	e Number : VEL/04				Report No.	: VEL/AP/23	09110066

1	Particulate Matter (as PM -10)	IS:5182 (P-23)	87.36	µg/m³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24)	54.26	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS 5182 (P-6)	12.15	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P -2)	7.95	µg/m³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.52	mg/m ³	4.0

Note - # indicates 1 hour monitoring of CO.

End of Report

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Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr) ISO 9001 | ISO 14001 | ISO 45001



Page No. 1/1

Test Report

Sample Number: VEL/05 Name & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name-Stone Mine (Associated Minor Mineral), Kheribattar Piol-2, Tehsil-Dadri, Distt-Bhiwani Haryan Report No. : 7.8 F-03 Name of Sample : AMBIENT AIR : 16/09/2023 : 11/09/2023-16/09/2023 Sample Group : AMBIENT AIR : 10/09/2023 : 11/09/2023-16/09/2023 Sample Collected By : Loading Area : 11/09/2023 : 11/09/2023 Sampling Location : RDS/FPS : Sampling Equipment used : RDS/FPS Instrument Code : VEL/RDS/FPS/15 : Sampling Collected By : Calibrated Meteorological condition during monitoring : Clear Sky : 08/09/2023 To 09/09/2023 :	1 Particulate Matter (as PM -10)	IS:5	182 (P-23)	99.25	µg/m³	100
Name & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project NameStone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, DistI-Bhiwani Haryana Sample Group : Atmospheric Pollution General Information Sampling Location : Loading Area Sample Collected By : VEL Representative (Dilver Singh) Sampling Location : VEL/APJS 11/09/2023 Instrument Calibration Status : Calibrated Meteorological condition during monitoring : Clear Sky Date of Monitoring : O8/09/2023 To 09/09/2023 Time of Monitoring : O8/09/2023 To 09/09/2023 Time of Monitoring : Clear Sky Date of Monitoring : Clear Sky Date of Monitoring : Clear Sky Date of Monitoring : Clear Sky Surrounding Activity : Human & Vehicular Activities Scope of Monitoring : Regulatory Requirement Sampling & Analysis Protocol : IS : 5182 Sampling Duration : 24.0 Hrs. Parameter Required : As per work order S.No. Parameters : Test Method Results Units Limit as per CPCB	Discipline : Chemical					
Name & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Format No. : ULAR / 2509 (1000) Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana Format No. : 7.8 F-03 Name of Sample : AMBIENT AIR : 11/09/2023 : 11/09/2023 Sample Group : Atmospheric Pollution : Loading Area : 11/09/2023 Sampling Location : Loading Area : VEL Representative (Dilver Singh) : 11/09/2023 Sampling Equipment used : RDS/FPS : VEL/RDS/FPS/15 : Stimated Instrument Calibration Status : Claibrated : Claibrated : Stimated Meteorological condition during monitoring : 0/40 AM to 10/40 AM :		Tes	st Method	Results	Units	1974)
ame & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana ample Group : Atmospheric Pollution General Information Sampling Location : Loading Area Sample Collected By : VEL Representative (Dilver Singh) Sampling Equipment used : RDS/FPS Instrument Calibration Status : VEL Representative (Dilver Singh) Sampling Equipment used : RDS/FPS Instrument Calibration Status : Calibrated Meteorological condition during monitoring : Clear Sky Date of Monitoring : 08/09/2023 To 09/09/2023 Time of Monitoring : 08/09/2023 To 09/09/2023 Time of Monitoring : Clear Sky Date of Monitoring : 08/09/2023 To 09/09/2023 Time of Monitoring : Clear Sky Surrounding Activity : Human & Vehiicular Activities Scope of Monitoring : Regulatory Requirement Sampling & Analysis Protocol : IS : 5182 Sampling Duration : 24.0 Hrs.	Parameter Required	:	As per work order			
ame & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana ample Group : Atmospheric Pollution General Information Sampling Location : Atmospheric Pollution General Information Sampling Location : Loading Area Sample Collected By : VEL Representative (Dilver Singh) Sampling Equipment used : RDS/FPS Instrument Code : VEL/RDS/FPS/15 Instrument Code : VEL/RDS/FPS/FPS/FPS/FPS/FPS/FPS/FPS/FPS/FPS/FP		:	24.0 Hrs.			
lame & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana atame of Sample : AMBIENT AIR : AMBIENT AIR : Atmospheric Pollution General Information Sampling Location : Atmospheric Pollution General Information Sample Collected By : Loading Area Sample Collected By : VEL Representative (Dilver Singh) Sampling Equipment used : RDS/FPS Instrument Code : VEL/RDS/FPS/15 Instrument Calibration Status : Calibrated Meteorological condition during monitoring : Clear Sky Date of Monitoring : 08/09/2023 To 09/09/2023 Time of Monitoring : 08/09/2023 To 09/09/2023	Sampling & Analysis Prote	col :	IS : 5182			
Iame & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Format No. : 7.8 F-03 Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana Party Reference No. : NIL Reporting Date : 16/09/2023 Iame of Sample : AMBIENT AIR : 11/09/2023-16/09/2023 iample Group : Atmospheric Pollution : Loading Area Sampling Location : Loading Area Sample Collected By : VEL/RDS/FPS/15 Instrument Calibration Status : Claibrated Meteorological condition during monitoring : Clear Sky Date of Monitoring : 08/09/2023 To 09/09/2023 Time of Monitoring : 10:40 AM to 10:40 AM Ambient Temperature (°C) : 26.0 Min to 36.0 Max	Scope of Monitoring	:	Regulatory Requiremen	t		
Iame & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana Format No : 7.8 F-03 Name of Sample : AMBIENT AIR : 16/09/2023 Period of Analysis : 11/09/2023-16/09/2023 : 11/09/2023-16/09/2023 Name of Sample : AMBIENT AIR : 10/09/2023 : 11/09/2023-16/09/2023 iample Group : Atmospheric Pollution : Loading Area : 11/09/2023 Sampling Location : Loading Area : NEL/R Sampling Equipment used : RDS/FPS : RDS/FPS Instrument Calibration Status : Calibrated : Calibrated Meteorological condition during monitoring : Clear Sky : 08/09/2023 To 09/09/2023 Time of Monitoring : 10:40 AM to 10:40 AM : 10:40 AM to 10:40 AM	Surrounding Activity	:	Human & Vehiicular Ac	tivities		
Iame & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Format No : VEL/AP/2505/1000/ Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana Format No : 7.8 F-03 Name of Sample : AMBIENT AIR : 16/09/2023 : 11/09/2023-16/09/2023 Iame of Sample : AMBIENT AIR : 11/09/2023-16/09/2023 : 11/09/2023-16/09/2023 General Information : Atmospheric Pollution : Loading Area : 11/09/2023 Sampling Location : Loading Area : VEL Representative (Dilver Singh) : 11/09/2023 Sampling Equipment used : RDS/FPS : VEL/RDS/FPS/15 : Sampling Equipment used : Calibrated Meteorological condition during monitoring : 08/09/2023 To 09/09/2023 : 08/09/2023 : 08/09/2023	Ambient Temperature (°C)	:	26.0 Min to 36.0 Max			
Iame & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Format No. : VELTAF/2303/1000/ Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana Format No. : 7.8 F-03 Iame of Sample : AMBIENT AIR : 1009/2023 : 11/09/2023-16/09/2023 Iame of Sample : Atmospheric Pollution : 11/09/2023-16/09/2023 : 11/09/2023 General Information : Loading Area : 11/09/2023 : 11/09/2023 Sampling Location : Loading Area : VEL/RDS/FPS/15 : VEL/RDS/FPS/15 Instrument Code : VEL/RDS/FPS/15 : Calibrated : VEL/RDS/FPS/15 Instrument Calibration Status : Clear Sky : Clear Sky	Time of Monitoring	:				
Iame & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Format No. : VEL/AP/2009/1000/ Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana Format No : 7.8 F-03 Iame of Sample : AMBIENT AIR : 16/09/2023 : 11/09/2023-16/09/2023 Iame of Sample : AMBIENT AIR : 11/09/2023-16/09/2023 : 11/09/2023-16/09/2023 General Information Sampling Location : Loading Area : 11/09/2023 : 11/09/2023 Sampling Equipment used : RDS/FPS : RDS/FPS : RDS/FPS/15 : VEL/RDS/FPS/15 Instrument Calibration Status : Calibrated : Calibrated : VEL/RDS/FPS/15		:)23		
Iame & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana Format No : 7.8 F-03 Iame of Sample : AMBIENT AIR : 11/09/2023-16/09/2023 ample Group : Atmospheric Pollution : 11/09/2023-16/09/2023 General Information Sampling Location : Loading Area Sample Collected By : VEL Representative (Dilver Singh) Sampling Equipment used : RDS/FPS Instrument Code : VEL/RDS/FPS/15	Meteorological condition	Juring monitoring				
Iame & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Format No. : VEDAP/2305110007 Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana Format No. : 7.8 F-03 Iame of Sample : AMBIENT AIR : 16/09/2023 : 11/09/2023-16/09/2023 ample Group : Atmospheric Pollution : 11/09/2023 : 11/09/2023 General Information Sampling Location : Loading Area : VEL Representative (Dilver Singh) Sampling Equipment used : RDS/FPS	Instrument Calibration Sta	tus :				
Iame & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Format No. : VEL/AP/2305110007 Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana Format No : 7.8 F-03 Iame of Sample : AMBIENT AIR : 16/09/2023 : 11/09/2023-16/09/2023 Iame of Sample Group : Atmospheric Pollution : 11/09/2023 : 11/09/2023 General Information Sampling Location : Loading Area : VEL Representative (Dilver Singh)	Instrument Code		VEL/RDS/FPS/15			
Iame & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Format No. : VLDAP/200911000/ Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana Format No. : NIL Iame of Sample ample Group : AMBIENT AIR : 11/09/2023-16/09/2023 General Information Sampling Location : Loading Area	Sampling Equipment used	:				
Iame & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Format No. : VLDAP/2009/1000/ Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana Format No. : 7.8 F-03 Iame of Sample : AMBIENT AIR : 16/09/2023 : 11/09/2023-16/09/2023 ample Group : Atmospheric Pollution : 11/09/2023 : 11/09/2023	Sample Collected By			ilver Singh)		
Iame & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Format No. : VLDAP/2309110007 Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana Format No. : NIL Reporting Date : 16/09/2023 Period of Analysis Receipt Date : 11/09/2023-16/09/2023 Image of Sample : AMBIENT AIR		:	Loading Area			
Iame & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Format No. : VLDAP/2009/1000/ Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana Format No. : NIL Reporting Date : 16/09/2023 Period of Analysis Receipt Date : 11/09/2023-16/09/2023 Image of Sample : AMBIENT AIR	Sample Group : Atmo	spheric Pollution				
Name & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Format No : 7.8 F-03 Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Party Reference No : NIL Project Name:-Stone Mine (Associated Minor Mineral), Reporting Date : 16/09/2023		IENT AIR				
Iame & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Format No : 7.8 F-03 Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Party Reference No : NIL						
ame & Address of the Party - + M/s AOD DKO LV 40.1						
ample Number : VEL/05 VEL/AP/2309110067	lame & Address of the Party : M/s /	SD RKC J.V. 40, Laxmi N	lagar Near Sub City		NECKS 44 94-9	
	ample Number : VEL/05			Report No.	: VEL/AP/23	09110067

5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.68	mg/m³	4.0
4	Sulphur Dioxide (as SO2)	IS 5182 (P -2)	9.57	µg/m³	80
3	Nitrogen Dioxides (as NO2)	IS 5182 (P- 6)	18.12	µg/m³	80
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24)	57.95	µg/m³	60
_	r an accurate matter (ac r m rej	10.5102 (1-25)	99.25	µg/m*	100

Note - # indicates 1 hour monitoring of CO.

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Page No. 1/1

Test Report

Sampl Sampl Param Parameters pline : Chem		d		IS : 5182 24.0 Hrs. As per work order st Method	Results 83.25	Units µg/m³	Limit as per CPCB 100
Sampl Sampl Param Parameters	ling Duration neter Require s		: : : Tes	IS : 5182 24.0 Hrs. As per work order	Results	Units	
Sampl Sampl Param	ling Duration neter Require		: : Te:	IS : 5182 24.0 Hrs. As per work order	Results	Units	
Sampl Sampl	ling Duration		:	IS : 5182 24.0 Hrs.			
Sampl Sampl	ling Duration		:	IS : 5182			
Sampl			:	and the second			
				regulatory requirement			
Scope	e of Monitorin	Ig	:	Regulatory Requiremen	nt		
	unding Activi		:	Human & Vehiicular Ac	tivities		
Ambie	ent Temperat	ure (°C)	:	26.0 Min to 36.0 Max			
Time c	of Monitoring	1	:	10:35 AM to 10:35 AM			
Date o	of Monitoring		:	08/09/2023 To 09/09/20	023		
Meteo	orological cor	ndition during monit	oring :	Clear Sky			
Instrument Calibration Status		:	Calibrated				
Instru	ment Code		:	VEL/RDS/FPS/16			
Sampl	ling Equipme	ent used	:	RDS/FPS	0,		
Samp	ole Collected	Ву	:	VEL Representative (Di	ilver Singh)		
	ling Location		:	Village-Kheribhora			
General Street S	ral Informat		lion				
of Sample e Group		: AMBIENT AIR : Atmospheric Pollu	tion		Receipt Date	: 11/09/2023	
			renon buun	, Blott Britkani Haryana	Period of Analysis Receipt Date	: 11/09/2023	100000000000000000000000000000000000000
				, Distt-Bhiwani Haryana	Reporting Date	: 16/09/2023	
					Party Reference No	: NIL	
				Format No	: 7.8 F-03		
Number :	VEL/06				Report No.	: VEL/AP/23	09110068
			ddress of the Party : M/s ASD RKC J.V Hiran Margi, Secto	ddress of the Party : M/s ASD RKC J.V. 40, Laxmi N Hiran Margi, Sector-8, Udaipur,		Image: ddress of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Format No Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Party Reference No Broject Name: Stope Mine (Associated Miner Minere) Party Reference No	Iddress of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Format No : 7.8 F-03 Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Party Reference No : NIL

2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24)	48.16	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS 5182 (P- 6)	9.96	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS 5182 (P -2)	7.14	µg/m³	80
5	#Carbon Monoxide (as CO)	IS 5182 (P-10), NDIR Method	0.74	mg/m ³	4.0

Note - # indicates 1 hour monitoring of CO.

End of Report

Fd 1 **Reviewed By**

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mas & Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Format No : 7.2 F-03 Project Name - Stone Mine (Associated Minor Muray Period Mana-Stone Mine (Associated Minor Muray Period Mana-Stone Mine (Associated Minor Muray me of Sample : AMBIENT NOISE Period Mana-Stone Mine (Associated Minor Muray Period Of Analysis : 11/09/2023 me of Sample : AMBIENT NOISE Period Of Analysis : 11/09/2023 me of Sampling Collected By : VEL Representative (Diver Singh) : Sampling Equipment used : Sound Level Meter Instrument Collboration : Claibrated : Sound Level Meter : Sound Level Meter Instrument Collboration : Claibrated : Sound Level Meter : Sound Level Meter Instrument Cold : Sound Level Meter : Sound Level Meter : Sound Level Meter Instrument Cold : Sound Level Meter : Sound Level Meter : Sound Level Meter Surgeo of Monitoring : Claibrated : Sound Level Meter : Sound Level Meter Surgeo of Monitoring : Claibrated : Sound Level Meter : Sound Level Meter : Sound Level Meter Sampling Location : Regulatory Requirement : Sound Level Meter : Sound Level Meter	me & Address of the Party M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Finan Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name-Stone Mine (Astociated Minor Minerni), Kheinbatter Prot-2, Tensi-Dadri, Distr-Bhiwani Haryana Provide Charge Stone Sto	mple Number : VEL/07				Poport No.	. VEL (AD)	Page No. 1/2
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Test Report

Sample Number : VEL/07

Report No.

: VEL/AP/2309110069

Page No. 2/2

Note-*A "decibel" is a unit in which noise is measured.

End of Report

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Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr) ISO 9001 | ISO 14001 | ISO 45001



Page No. 1/2

Test Report

Disal	pline : Chemical						
					e (6:00 am to N :00 pm)	ight Time (10:00 pm to 6:00 am)	
S.No.	Parameters	Test Me	ethod		Test Resu	Its	Units
	Parameter Require	ed	:	As per work order			
	Sampling Duration	n	:	24.0 Hrs.			
	Sampling & Analy	sis Protocol	:	CPCB			
	Scope of Monitori	ng	:	Regulatory Requirement	nt		
	Surrounding Activ	vity	:	Human & Vehiicular Ad	tivities		
	Ambient Tempera	ture (°C)	:	26.0 Min to 36.0 Max			
	Time of Monitorin	g	:	06:00 AM to 06:00 AM			
	Date of Monitoring	9	-	08/09/2023 To 09/09/2	023		
	Meteorological co	ndition during monitoring	:	Clear Sky			
	Instrument Calibra	ation Status		Calibrated			
	Instrument Code		:	VEL/SLM/17			
	Sampling Equipm	ent used	:	Sound Level Meter	ara-senera . 1994 1995 - 1 9 - 1		
	Sample Collected	Ву	:	VEL Representative (D	ilver Singh)		
	Sampling Location	n	:	Haul Road			
ampro	General Informa						
	Group	: AMBIENT NOISE : Atmospheric Pollution					
lama	of Sample				Receipt Date	· 11/09/2023	
		Kheribattar Plot-2, Tehsil-	Dadri	, Distt-Bhiwani Haryana	Period of Analysis	: 11/09/2023-16/09/2023	3
		Project Name:-Stone Mine			Reporting Date	: 16/09/2023	
		Hiran Margi, Sector-8, Ud	aipur,	Rajasthan-313002,	Party Reference No		
lame 8	Address of the Party	: M/s ASD RKC J.V. 40, La	xmi N	lagar Near Sub City	Format No	• 7.8 F-03	
ample	Number: VEL/08				Report No.	: VEL/AP/2309110070	

1	Lmax.	I S-9989	72.6	61.2	dB (A)
2	Lmin.	I S-9989	59.2	38.4	dB (A)
3	Leq	I S-9989	62.56	54.25	dB (A)

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in Day Time 75	n dB(A) Leq*
		Day Time	Night Time
A	Industrial area	75	70
В	Commercial area	65	55
C	Residential area	55	45
D	Silence Zone	50	40

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from 10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority, Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority. *dB(A) Leg denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing

Reviewed By 7-13-12

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Test Report

Sample Number : VEL/08

Note-*A "decibel" is a unit in which noise is measured.

Report No.

: VEL/AP/2309110070

Page No. 2/2

End of Report



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Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr) ISO 9001 | ISO 14001 | ISO 45001



Page No. 1/2

Test Report

pline : Chemical Lmax. Lmin.	I S-99			:00 pm) 76.2 45.2		ght Time (10:00 pm to 6:00 am) 71.5 35.0	dB (A
	10.00	190		:00 pm)		6:00 am)	
			D	e (6:00 am to	Ni	abt Time (10:00 pm to	
Parameters	Test Me	thod		Test R	esul	ts	Unit
Parameter Requir	ed	:	As per work order				
Sampling Duratio	n	:	24.0 Hrs.				
Sampling & Analysis Protocol		:	CPCB				
Scope of Monitor	ing	:	Regulatory Requireme	nt			
	Section and sector	:		ctivities			
				020			
			and the second	023			
		:	AND STRAINED				
	ation Status						
	In Mood						
Same and and		÷		niver Singn)			
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			121 121 11 1				
Group	: Atmospheric Pollution						
of Sample	: AMBIENT NOISE			Receipt Date		: 11/09/2023	
		Daun	, Diste Dhiwani Haryana	Period of Analy	sis	: 11/09/2023-16/09/2023	3
			and the second	Reporting Date		: 16/09/2023	
	0			Party Reference	No	: NIL	
& Address of the Party	: M/s ASD RKC J.V. 40, La	xmi N	lagar Near Sub City	Format No		7.8 F-03	
Number: VEL/09				Report No.			
5	Address of the Party of Sample Group General Informa Sampling Locatio Sample Collected Sampling Equipm Instrument Code Instrument Calibr Meteorological co Date of Monitorin Time of Monitorin Ambient Tempera Surrounding Activ Scope of Monitor Sampling & Analy Sampling Duratio Parameter Requir	Address of the Party : M/s ASD RKC J.V. 40, La Hiran Margi, Sector-8, Uda Project Name:-Stone Mine Kheribattar Plot-2, Tehsil- and Sample : Atmospheric Pollution General Information Sampling Location Sample Collected By Sampling Equipment used Instrument Code Instrument Code Instrument Calibration Status Meteorological condition during monitoring Date of Monitoring Time of Monitoring Time of Monitoring Ambient Temperature (°C) Surrounding Activity Scope of Monitoring Sampling & Analysis Protocol Sampling Duration Parameter Required	Address of the Party : M/s ASD RKC J.V. 40, Laxmi N Hiran Margi, Sector-8, Udaipur Project Name:-Stone Mine (Ass Kheribattar Plot-2, Tehsil-Dadri of Sample : AMBIENT NOISE Group : Atmospheric Pollution General Information Sampling Location : Sample Collected By : Sampling Equipment used : Instrument Code : Instrument Code : Instrument Calibration Status : Meteorological condition during monitoring : Date of Monitoring : Time of Monitoring : Ambient Temperature (°C) : Surrounding Activity : Scope of Monitoring : Sampling & Analysis Protocol : Sampling Duration : Parameter Required :	Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana of Sample : AMBIENT NOISE : Atmospheric Pollution General Information Sampling Location : Village-Kheribhora Sample Collected By : VEL Representative (D Sampling Equipment used : Sound Level Meter Instrument Code : VEL/SLM/18 Instrument Calibration Status : Calibrated Meteorological condition during monitoring : O8/09/2023 To 09/09/2 Time of Monitoring : 26.0 Min to 36.0 Max Ambient Temperature (°C) : 26.0 Min to 36.0 Max Scope of Monitoring : Regulatory Requirement Sampling & Analysis Protocol : CPCB Sampling Duration : 24.0 Hrs. Parameter Required : As per work order	Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Format No Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Party Reference Project Name:-Stone Mine (Associated Minor Mineral), Reporting Date Project Name:-Stone Mine (Associated Minor Mineral), Reporting Date Project Name:-Stone Mine (Associated Minor Mineral), Receipt Date Project Name:-Stone Mine (Associated Minor Mineral), Receipt Date Period of Analy Receipt Date Period of Analy Receipt Date Sampling Location : Village-Kheribhora Sample Collected By : VEL Representative (Dilver Singh) Sampling Equipment used : Sound Level Meter Instrument Code : VEL/SLM/18 Instrument Calibration Status : Calibrated Meteorological condition during monitoring : 08/09/2023 To 09/09/2023 Time of Monitoring : 26.0 Min to 36.0 Max Surrounding Activity : Human & Vehiicular Activities Scope of Monitoring : CPCB Sampling Duration : 24.0 Hrs. Parameter Required : As per work	Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana Format No Party Reference No Reporting Date of Sample : AMBIENT NOISE Foroup : Atmospheric Pollution General Information : Village-Kheribhora Receipt Date Sampling Location : Village-Kheribhora Receipt Date Sampling Equipment used : Sound Level Meter Instrument Code : VEL/SLM/18 Instrument Calibration Status : Calibrated Meteorological condition during monitoring : Clear Sky Date of Monitoring : 08/09/2023 To 09/09/2023 Time of Monitoring : 26.0 Min to 36.0 Max Surrounding Activity : Human & Vehicular Activities Scope of Monitoring : CPCB Sampling Analysis Protocol : 24.0 Hrs. Parameter Required : As per work order	Address of the Party : M/s ASD RKC J.V. 40, Laxmi Nagar Near Sub City Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral), Kheribattar Plot-2, Tehsil-Dadri, Distt-Bhiwani Haryana of Sample : AMBIENT NOISE General Information Sampling Location : Village-Kheribhora Sample Collected By : VEL Representative (Dilver Singh) Sampling Location : Village-Kheribhora Sample Collected By : VEL Representative (Dilver Singh) Sampling Equipment used : Sound Level Meter Instrument Code : VEL/SLM/18 Instrument Code : VEL/SLM/18 Instrument Codicion during monitoring : Clear Sky Date of Monitoring : O8/09/2023 To 09/09/2023 Time of Monitoring : O8/09/2023 To 09/09/2023 Time of Monitoring : Clear Sky Surrounding Activity : Human & Vehicular Activities Scope of Monitoring : Regulatory Requirement Sampling Location : 24.0 Hrs. Parameter Required : As per work order Parameter Required : As per work order

Area Code	Category of Area/Zone	Limits in dB(A) Leq*				
	2720, 82 5	Day Time	Night Time			
A	Industrial area	75	70			
В	Commercial area	65	55			
С	Residential area	55	45			
D	Silence Zone	50	40			

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from 10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority, Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority. *dB(A) Leg denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing



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Test Report

Sample Number : **VEL/09**

Note-*A "decibel" is a unit in which noise is measured.

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Report No.

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr) ISO 9001 | ISO 14001 | ISO 45001



Page No. 1/2

Test Report

ample Nu	mber: VEL/010				Report No.	: VEL/AP/2309110072	
ame & Ad	dress of the Party	: M/s ASD RKC J.V. 40, Lax	mi N	lagar Near Sub City	Format No	: 7.8 F-03	
		Hiran Margi, Sector-8, Uda	ipur,	Rajasthan-313002,	Party Reference No	: NIL	
		Project Name:-Stone Mine			Reporting Date	: 16/09/2023	
		Kheribattar Plot-2, Tehsil-E	Dadri	, Distt-Bhiwani Haryana	Period of Analysis	: 11/09/2023-16/09/202	23
lame of Sa	ample				Receipt Date	: 11/09/2023	
ample Gro		: AMBIENT NOISE				•	
ample Gr	General Informat	: Atmospheric Pollution tion					
	Sampling Location		:	Loading Area			
	Sample Collected	Ву	:	VEL Representative (Di	ilver Sinah)		
	Sampling Equipme	ent used	:	Sound Level Meter	3,		
	Instrument Code		:	VEL/SLM/19			
	Instrument Calibra	tion Status	:	Calibrated			
	Meteorological con	ndition during monitoring	:	Clear Sky			
	Date of Monitoring		:	08/09/2023 To 09/09/20	023		
	Time of Monitoring	1	:	06:00 AM to 06:00 AM			
	Ambient Temperat	ure (°C)	:	26.0 Min to 36.0 Max			
	Surrounding Activ	ity	:	Human & Vehiicular Ac	tivities		
	Scope of Monitorin	ng	:	Regulatory Requirement	nt		
	Sampling & Analys		:	CPCB			
	Sampling Duration	E.	:	24.0 Hrs.			
	Parameter Require	d	;	As per work order			
S.No. Par	rameters	Test Me	thod		Test Resu	ts	Units
					e (6:00 am to Ni :00 pm)	ght Time (10:00 pm to 6:00 am)	
Discipline	e : Chemical			10.		0.00 am	
1 Lm	ax.	I S-99	89		75.8	69.5	dB (A
2 Lm	in.	I S-99	89		44.2	36.2	dB (A
	9	I S-99			62.6	48.7	dB (A

ality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits i	Limits in dB(A) Leq*			
	50 K X	Day Time	Night Time			
A	Industrial area	75	70			
В	Commercial area	65	55			
C	Residential area	55	45			
D	Silence Zone	50	40			

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority, Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority. *dB(A) Leg denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing

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Test Report

Sample Number : **VEL/010**

Note-*A "decibel" is a unit in which noise is measured.



Report No.

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: VEL/AP/2309110072

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Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr) ISO 9001 | ISO 14001 | ISO 45001



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Test Report

ample	Number: VEL/011						
1. C. S. D. C. S. C. S.	Number : VEL/011 Address of the Party			Level New Octoor	Report No.	: VEL/AP/2309110073	
anne	Address of the Farty	: M/s ASD RKC J.V. 40, La		0	Format No	: 7.8 F-03	
		Hiran Margi, Sector-8, Uda Project Name:-Stone Mine			Party Reference No	> : NIL	
		Kheribattar Plot-2, Tehsil-			Reporting Date	: 16/09/2023	
		Kitonbattar i fot 2, i onon	Daun	, Distr Driwani Haryana	Period of Analysis	: 11/09/2023-16/09/202	3
lame	of Sample	: AMBIENT NOISE			Receipt Date	: 11/09/2023	
ample	Group	: Atmospheric Pollution					
	General Informa						
	Sampling Location	n	:	Village-Kheribhora			
	Sample Collected	Ву	:	VEL Representative (D	ilver Singh)		
	Sampling Equipm	ent used	:	Sound Level Meter			
	Instrument Code		:	VEL/SLM/20			
	Instrument Calibra	ation Status	:	Calibrated			
	Meteorological co	ndition during monitoring	:	Clear Sky			
	Date of Monitoring	J	:	08/09/2023 To 09/09/20	023		
	Time of Monitorin	g	:	06:00 AM to 06:00 AM			
	Ambient Temperat	ture (°C)	:	26.0 Min to 36.0 Max			
	Surrounding Activ	vity	:	Human & Vehiicular Ac	tivities		
	Scope of Monitori	ng	:	Regulatory Requiremer	nt		
	Sampling & Analy	sis Protocol	:	CPCB			
	Sampling Duration	n	4	24.0 Hrs.			
	Parameter Require	ed	2	As per work order			
S.No.	Parameters	Test Me	ethod	E	Test Resu	lts	Unit
					e (6:00 am to N 00 pm)	ight Time (10:00 pm to 6:00 am)	
Disci	pline : Chemical						
1	Lmax.	I S-99	989		74.2	69.5	dB (A
2	Lmin.	I S-99	989		50.6	40.9	dB (A
3	Leq	I S-99	989	7	72.25	62.15	dB (A
	Aml	bient Noise Quality Standard	Is as p	per Noise Pollution (Reg	ulation and Control)	Rules, 2000	
Ar	ea Code	Category	of A	rea/Zone		Limits in dB(A) Leq*	

Category of Area/Zone	Limits i	in dB(A) Leq*
	Day Time	Night Time
Industrial area	75	70
Commercial area	65	55
Residential area	55	45
Silence Zone	50	40
	Industrial area Commercial area Residential area	Day TimeIndustrial area75Commercial area65Residential area55

Day time shall mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority, Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority. *dB(A) Leg denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing

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Test Report

Sample Number : VEL/011

Note-*A "decibel" is a unit in which noise is measured.



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: VEL/AP/2309110073

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Test Report

				ſ		e (6:00 am to 00 pm)	Nig	ght Time (10:00 pm to 6:00 am)	
S.No. Pa	rameters	Test Me	thod			Test Re	sult	S	Units
	Parameter Require	d	:	As per work or	der				
	Sampling Duration		:	24.0 Hrs.					
	Sampling & Analys		:	CPCB					
	Scope of Monitorin		:	Regulatory Red	quiremen	nt			
	Surrounding Activ	ity	:	Human & Vehi	icular Ac	tivities			
	Ambient Temperat	•	:	26.0 Min to 36.	0 Max				
	Time of Monitoring	1	:	06:00 AM to 06	6:00 AM				
	Date of Monitoring		:	08/09/2023 To	09/09/20	023			
	Meteorological con	ndition during monitoring	:	Clear Sky					
	Instrument Calibra	tion Status	:	Calibrated					
	Instrument Code		:	VEL/SLM/21					
	Sampling Equipme	ent used	:	Sound Level M	20 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -				
	Sample Collected	Ву	:	VEL Represen		ilver Singh)			
	Sampling Location		:	Village-Kheribh	nora				
oumple Of	General Informa	: Atmospheric Pollution							
Name of S Sample Gr	a source and a source of the s	: AMBIENT NOISE				in south the second		1110012020	
Name of O						Period of Analys Receipt Date	515	: 11/09/2023-16/09/2023 : 11/09/2023	5
		Kheribattar Plot-2, Tehsil-				Reporting Date		: 16/09/2023	
		Hiran Margi, Sector-8, Uda Project Name:-Stone Mine				Party Reference	No		
	adress of the Farty	: M/s ASD RKC J.V. 40, La		0		Format No		: 7.8 F-03	
	ddress of the Party	MARD DKC IV 40 L			01	Report No.		: VEL/AP/2309110074	
Sample Nu	mber: VEL/012					Depart Ma		. VEL/AD/2200410074	

			10:00 pm)	6:00 am)	
Disci	ipline : Chemical				
1	Lmax.	I S-9989	69.5	61.5	dB (A)
2	Lmin.	I S-9989	42.9	38.5	dB (A)
3	Leq	I S-9989	51.2	42.81	dB (A)

Ambient Noise Quality Standards as per Noise Pollution (Regulation and Control) Rules, 2000

Area Code	Category of Area/Zone	Limits in dB(A) Leq*		
		Day Time	Night Time	
A	Industrial area	75	70	
B	Commercial area	65	55	
С	Residential area	55	45	
D	Silence Zone	50	40	

all mean from 6.00 a.m. to 10.00 p.m., Night time shall mean from10.00 p.m. to 6.00 a.m., Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority, Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority. *dB(A) Leg denotes the time weighted average of the level of sound in decibels on scale 'A' which is relatable to human hearing



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Test Report

Sample Number : **VEL/012** Report No.

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: VEL/AP/2309110074

Note-*A "decibel" is a unit in which noise is measured.

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Test Report

C				229 2023		r ago no.
	e Number : VEL/016 & Address of the Party), Laxmi Nagar Near Sub City	Report No. Format No	: VEL/PE/2309110 : 7.8 F-03	0009
			, Udaipur, Rajasthan-313002,	Party Reference No	: NIL	
			Mine (Associated Minor Mineral), hsil-Dadri, Distt-Bhiwani Haryana	Reporting Date	: 16/09/2023	
			non baan, blott brinnan rharyana	Period of Analysis	: 11/09/2023-16/0	9/2023
Name	of Sample	: SOIL		Receipt Date	: 11/09/2023	
Sample	e Group	: Pollution & Environme	ent	Sampling Date	: 10/09/2023	
Locatio	on	: Village-Kheribhora		Sampling Quantity	:2.0 Kg	
	e Collected By	: VEL Representative (Dilver Singh)	Sampling Type	: Composite	
	nmental Condition	: 25±2°C		Packing Status	: Temp Sealed	
	eter Required	: As per work order				
Sampli Protoc	ing and Analysis ol	: IS 2720, APHA & USI	AC			
S.No.	Parameters		Test Metho	d	Results	Units
Disci	pline : Chemical					
1	pH (at 25°C)		IS : 2720 (P-2	26)	7.96	
2	Electrical Conductivity		IS :14767	0.458	mS/cm	
3	Colour		VEL/STP/EN/67, Issued No	Yellowish		
4	Water holding capacity	/	VEL/STP/EN/86, Issued No	32.96	%	
5	Bulk density		VEL/STP/EN/59, Issued No	1.69	gm/cc	
6	Chloride (as Cl)		VEL/STP/EN/69, Issued No	12.69	mg/kg	
7	Calcium (as Ca)		VEL/STP/EN/72, Issued No	16.90	mg/kg	
8	Sodium (as Na)		VEL/STP/EN/62, Issued No	o 01, 01/11/2021	115.92	mg/kg
9	Potassium (as K)		VEL/STP/EN/61, Issued No	o 01, 01/11/2021	40.89	mg/kg
10	Organic Matter		IS 2720 (P-2	2)	0.36	%
11	Magnesium (as Mg)		VEL/STP/EN/72, Issued No	o 01, 01/11/2021	8.97	mg/kg
12	Available Nitrogen (as	N)	IS 14648		116.21	kg. /hec.
13	Available Phosphours		VEL/STP/EN/73, Issued No	01, 01/11/2021	14.36	kg. /hec.
14	Total Zinc (as Zn)		VEL/STP/HW/03, Issued No	o 01, 01/11/2021	0.75	mg/kg
15	Total Manganese (as M	ln)	VEL/STP/HW/03, Issued No	o 01, 01/11/2021	2.96	mg/kg
16	Total Chromium (as Cr)	VEL/STP/HW/03, Issued No	o 01, 01/11/2021	0.55	mg/kg
17	Total Lead (as Pb)		VEL/STP/HW/03, Issued No	o 01, 01/11/2021	0.72	mg/kg
18	Total Cadmium (as Cd)		VEL/STP/HW/03, Issued No	o 01, 01/11/2021	BLQ(LOQ-0.5)	mg/kg
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Test Report

ample	Number: VEL/016	Report No.	: VEL/PE/2309110	009
S.No.	Parameters	Test Method	Results	Units
19	Total Copper (as Cu)	VEL/STP/HW/03, Issued No 01, 01/11/2021	1.85	mg/kg
20	Soil Texture	VEL/STP/EN/64, Issued No 01, 01/11/2021	Sandy loam	(4 2)

BLQ- Blowe Limit of Quantification , LOQ- Limit of Quantification

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Test Report

Samp	le Number : VEL/018			Denser N		Page No
Name Name Sampl Jocati Sampl Inviro Param	& Address of the Party of Sample e Group	Hiran Margi, Sector- Project Name:-Stone Kheribattar Plot-2, T : SOIL : Village-Kheribhora : VEL Representative : 25±2°C : As per work order	and a Valdes Pryridia ab Valdes Livia et ab Vess	Report No. Format No Party Reference No Reporting Date Period of Analysis Receipt Date Sampling Date Sampling Quantity Sampling Type Packing Status	: VEL/PE/23091 : 7.8 F-03 : NIL : 16/09/2023 : 11/09/2023 : 11/09/2023 : 10/09/2023 : 2.0 Kg : Composite : Temp Sealed	
rotoc		: IS 2720, APHA & US	DA			
S.No.	Parameters	r Varden Envirot al Winot ab Vardan E ab Vardan Envirot Fotab Verdan Envirot	Test Method	d Enviret ab Va b Vardan Enviro Jan Envirot ab V Cardan Envirot ab V	Results	Units
	pline : Chemical	rotab Varda rotab Vardan Env	nvirotab Vardari Envirotab Rotab Vardari Undrotab	lab Vardan Envir Vardan Chybrola	oLah Varden Warding Kar	i ovit ol a otaj Va
1	pH (at 25°C)	wied eb Vardan L	IS : 2720 (P-2	6)	7.63	virot ab
2	Electrical Conductivity	ala Vardan Erwirol	IS :14767	0.339	mS/cm	
3	Colour	EnviroLab Vardan	VEL/STP/EN/67, Issued No.	VEL/STP/EN/67, Issued No 01, 01/11/2021		
4 v	Water holding capacity	roLab Vardan Env	VEL/STP/EN/86, Issued No 01, 01/11/2021		Brownblack 37.86	%
5	Bulk density	virol ab Vardan E	VEL/STP/EN/59, Issued No.	- 01, 01/11/2021	2.86	gm/cc
6	Chloride (as Cl)	ab Vardan Envirol	VEL/STP/EN/69, Issued No.	- 01, 01/11/2021	25.29	mg/kg
171V	Calcium (as Ca) VEL/STP/EN/72, Issued No 01, 01/11/2021					
0	Colling to	Sodium (as Na) EnviroLab Vardan Env oL VEL/STP/EN/62, Issued No 01, 01/11/202		- 01, 01/11/2021	24.25	mg/kg
8	TOLAD TATUATI LITY	roLab Vardan Env	VEL/STP/EN/62, Issued No.	01, 01/11/2021	24.25 46.22	ol alt Va
9.1	Potassium (as K)	rotab Vardan Env Vardan Envirotat virotab Vardan E	The second	01, 01/11/2021	Vial Ym Gall (mg/kg
9 10	Potassium (as K) Organic Matter	roLab Vardan Env Vardan Envirot at Virot ab Vardan E ib Vardan Envirot	VEL/STP/EN/62, Issued No. VEL/STP/EN/61, Issued No. IS 2720 (P-22)	- 01, 01/11/2021 - 01, 01/11/2021)	46.22	mg/kg mg/kg
9 10 11	Potassium (as K) Organic Matter Magnesium (as Mg)	roLab Vardan Env Vardan Envirot at virot ab Vardan E ib Vardan Envirot oLab Vardan Envirot miroLab Vardan	VEL/STP/EN/62, Issued No. VEL/STP/EN/61, Issued No.	- 01, 01/11/2021 - 01, 01/11/2021)	46.22 115.40	mg/kg mg/kg mg/kg
9 10 11 12	Potassium (as K) Organic Matter Magnesium (as Mg) Available Nitrogen (as N	roLab Vardan Env Vardan Envirot at Virot ab Vardan Envirot b Vardan Envirot oLab Vardan Envi OLab Vardan Env	VEL/STP/EN/62, Issued No. VEL/STP/EN/61, Issued No. IS 2720 (P-22) VEL/STP/EN/72, Issued No IOLab Vardan En IS 14648	- 01, 01/11/2021 - 01, 01/11/2021) - 01, 01/11/2021	46.22 115.40 0.40	mg/kg mg/kg mg/kg % mg/kg
9 10 11 12 13	Potassium (as K) Organic Matter Magnesium (as Mg) Available Nitrogen (as N Available Phosphours	roLab Vardan Env Vardan Envirot at Wrotab Vardan E b Vardan Envirot oLab Vardan Envi OLab Vardan Envirotab Vardan Envirotab	VEL/STP/EN/62, Issued No. VEL/STP/EN/61, Issued No IS 2720 (P-22) VEL/STP/EN/72, Issued No IS 14648 VEL/STP/EN/73, Issued No	01, 01/11/2021 01, 01/11/2021 01, 01/11/2021 01, 01/11/2021 01, 01/11/2021	46.22 115.40 0.40 10.31	mg/kg mg/kg mg/kg % mg/kg kg. /hec.
9 10 11 12 13 14	Potassium (as K) Organic Matter Magnesium (as Mg) Available Nitrogen (as N Available Phosphours Total Zinc (as Zn)	Vardan EnviroLat ViroLab Vardan EnviroL b Vardan EnviroL	VEL/STP/EN/62, Issued No. VEL/STP/EN/61, Issued No. IS 2720 (P-22) VEL/STP/EN/72, Issued No IS 14648 VEL/STP/EN/73, Issued No VEL/STP/HW/03, Issued No	- 01, 01/11/2021 - 01, 01/11/2021 - 01, 01/11/2021 - 01, 01/11/2021 - 01, 01/11/2021 - 01, 01/11/2021	46.22 115.40 0.40 10.31 135.29	mg/kg mg/kg mg/kg % mg/kg kg. /hec.
9 10 11 12 13 14 15	Potassium (as K) Organic Matter Magnesium (as Mg) Available Nitrogen (as N Available Phosphours Total Zinc (as Zn) Total Manganese (as Mn	Vardan Envirot at Virotab Vardan Envirot b Vardan Envirot D ab Vardan Envi	VEL/STP/EN/62, Issued No. VEL/STP/EN/61, Issued No. IS 2720 (P-22) VEL/STP/EN/72, Issued No IS 14648 VEL/STP/EN/73, Issued No VEL/STP/HW/03, Issued No	01, 01/11/2021 01, 01/11/2021 01, 01/11/2021 01, 01/11/2021 01, 01/11/2021 01, 01/11/2021 01, 01/11/2021	46.22 115.40 0.40 10.31 135.29 17.92	mg/kg mg/kg mg/kg % mg/kg kg. /hec.
9 10 11 12 13 14 15 16	Potassium (as K) Organic Matter Magnesium (as Mg) Available Nitrogen (as N Available Phosphours Total Zinc (as Zn) Total Manganese (as Mn Total Chromium (as Cr)	Vardan Envirot at Virotab Vardan Envirot b Vardan Envirot D ab Vardan Envi	VEL/STP/EN/62, Issued No. VEL/STP/EN/61, Issued No. IS 2720 (P-22) VEL/STP/EN/72, Issued No VEL/STP/EN/73, Issued No VEL/STP/HW/03, Issued No VEL/STP/HW/03, Issued No	- 01, 01/11/2021 - 01, 01/11/2021	46.22 115.40 0.40 10.31 135.29 17.92 0.95	mg/kg mg/kg mg/kg % mg/kg kg. /hec. kg. /hec. mg/kg
9 10 11 12 13 14 15 16 17	Potassium (as K) Organic Matter Magnesium (as Mg) Available Nitrogen (as N Available Phosphours Total Zinc (as Zn) Total Manganese (as Mn	Vardan Envirot at Virotab Vardan Envirot b Vardan Envirot D ab Vardan Envi	VEL/STP/EN/62, Issued No. VEL/STP/EN/61, Issued No. IS 2720 (P-22) VEL/STP/EN/72, Issued No IS 14648 VEL/STP/EN/73, Issued No VEL/STP/HW/03, Issued No	- 01, 01/11/2021 - 01, 01/11/2021	46.22 115.40 0.40 10.31 135.29 17.92 0.95 3.25	mg/kg mg/kg mg/kg % mg/kg kg. /hec. kg. /hec, mg/kg

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Dago No. 2/2

Test Report

	e Number : VEL/018	Report No.	: VEL/PE/2309110	010
S.No.	Parameters	Test Method	Results	Units
	Present of Contract of States and	Law 1915b Vieldan Erweier nE Verban Envi		
1154	Marke Instantistic in the south of the			Verille.
19	Total Copper (as Cu)	VEL/STP/HW/03, Issued No 01, 01/11/2021	0.75	mg/kg
20	Soil Texture	VEL/STP/EN/64, Issued No 01, 01/11/2021	Silty loam	

BLQ- Below Limit of Quantification, LOQ- Limit of Quantification

End of Report

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Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr) ISO 9001 | ISO 14001 | ISO 45001



Test Report

								Dees No.
Sample	Number: VEL/013				Report No.		: VEL/W/230	Page No. 1
	Address of the Party	· M/c ASD F	KC J.V. 40, Laxmi Nagar Near Sub City		20000		 March Parallel Contractor 	5090003
			i, Sector-8, Udaipur, Rajasthan-313002,		Format No		: 7.8 F 03	
			Project Name:-Stone Mine (Associated Minor Mineral),			Party Reference No		
		Kheribattar	Plot-2, Tehsil-Dadri, Distt-Bhiwani Hary	ana			: 16/05/2023	
					Period of A		: 09/05/2023-	16/05/2023
Name o	of Sample	: Ground W	ator Samplo		Receipt Da		: 09/05/2023	
	Group		later Sample sidues and contaminants in Water		Sampling I		: 08/05/2023	
ocatio	n	: Near Mine			Sampling (: 5.0 Ltr.+250	Iml
ample	Collected by		sentative (Dilver Singh)		Sampling 1	Гуре	: Grab	
nviror	mental Condition	: 25±2°C						
	ng and Analysis	: APHA & IS						
S.No.	ol Test Parameters		Test Method	T	Results		Denvio	
5.NO.	rest Farameters			Units		ement as per 500-2012#		
							Acceptable Limits	Permissible Limits
Disci	pline : Chemical							
1	pH (at 25°C)		IS 3025 (P-11)		7.60		6.5 to 8.5	No Relaxation
2	Colour,max		IS 3025 (P-4)	BLO	Q(LOQ-1.0)	Hazen	5	15
3	Turbidity,max		IS 3025 (P-10)	BLO	Q(LOQ-1.0)	NTU	1	5
4	Odour		IS 3025 (P-5)	A	greeable		Agreeable	Agreeable
5	Taste		IS 3025 (P-8)	A	greeable		Agreeable	Agreeable
6	Total Dissolved Solids 1°C),max	(at 180°C ±	IS 3025 (P-16)		788.00	mg/L	500	2000
7	Calcium (as Ca),max		IS 3025 (P-40)		97.52	mg/L	75	200
8	Alkalinity (as CaCO3)	_	IS 3025 (P-23)		527.66	mg/L	200	600
9	Chloride (as Cl),max		IS 3025 (P-32)		102.30	mg/L	250	1000
10	Magnesium (as Mg),m	ах	APHA,3500 Mg B		48.96	mg/L	30	100
11	Total Hardness (as Ca	Co3),max	IS 3025 (P-21)		445.30	mg/L	200	600
12	Sulphate (as SO4),max		IS 3025 (P-24)		55.15	mg/L	200	400
13	Fluoride (as F),max		APHA 4500 F D		0.60	mg/L	1.0	1.5
14	Nitrate (as NO3),max		IS: 3025(P-34) Chromotropic Method		24.60	mg/L	45.0	No Relaxation
15	Iron (as Fe),max		VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021		0.21	mg/L	1.0	No Relaxation
16	Aluminium (as Al),max		VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BL	Q(LOQ-0.0 05)	mg/L	0.03	0.2

ENI 20 Reviewe Bibhuti Nayak Dy. Tech. Manager CI. *

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ardan EnviroLa Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr)

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Page No. 2/3

Test Report

S.No.	Test Parameters	Test Method	Results	Units	Requirement as per	
5.110.		10011101104	ricourto	Units		500-2012#
	2				Acceptable Limits	Permissible Limits
17	Boron (as B),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 1)	mg/L	0.5	2.4
18	Total Chromium (as Cr),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 02)	mg/L	0.05	No Relaxation
19	Phenolic Compounds (C6H5OH),max	IS 3025 (P-43)	BLQ(LOQ-0.0 005)	mg/L	0.001	0.002
20	Mineral Oil,max	IS:3025 (P-39)	BLQ(LOQ-0.1)	mg/L	1.0	No Relaxation
21	Anionic Detergents (as MBAS),max	IS 3025(Part-68)	BLQ(LOQ-0.0 5)	mg/L	0.2	1.0
22	Zinc (as Zn),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	1.20	mg/L	5.0	15.0
23	Copper (as Cu),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	0.25	mg/L	0.05	1.5
24	Manganese (as Mn),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 1)	mg/L	0.1	0.3
25	Selenium (as Se),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 01)	mg/L	0.01	No Relaxation
26	Cadmium (as Cd),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 02)	mg/L	0.003	No Relaxation
27	Lead (as Pb),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 02)	mg/L	0.01	No Relaxation
28	Cyanide (as CN),max	IS 3025 (P-27)	BLQ(LOQ-0.0 2)	mg/L	0.05	No Relaxation
29	Arsenic (as As),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 05)	mg/L	0.01	No Relaxation
30	Mercury (as Hg),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 005)	mg/L	0.001	No Relaxation

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Page No 3/3

Test Report

S.No.	Test Parameters	st Parameters Test Method	Results	Units	Requirement as per IS:10500-2012#	
					Acceptable Limits	Permissible Limits
Disci	l pline : Biological			ļ		
31	Total Coliform	IS 15185	Absent	/100 ml	Shall not be detectable in any 100 ml sample	
32	E.coli	IS 15185	Absent	/100 ml	Shall not be detectable in any 100 ml sample	

BLQ-Below Limit of Quantificaction, LOQ-Limit of Quantification.

End of Report

ANDRABHAN SINGH 1610 Sr. Microbiologist **Reviewed By**

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Page No. 1/3

Test Report

							r age No. I		
Sample	e Number : VEL/014			Report No.	3	: VEL/W/230	5090004		
lame a	& Address of the Party	: M/s ASD R	KC J.V. 40, Laxmi Nagar Near Sub City	Format No		: 7.8 F 03			
			i, Sector-8, Udaipur, Rajasthan-313002,		Party Reference No Reporting Date		: NIL : 16/05/2023		
		N.C	me:-Stone Mine (Associated Minor Miner Plot-2, Tehsil-Dadri, Distt-Bhiwani Harya	Poporting					
		i tionbattai	Tiorz, Tensi-Daun, Diste-Dinwain Harya	Period of A	Analysis	: 09/05/2023-16/05/2023 : 09/05/2023			
				Receipt Da	ite				
	of Sample	: Ground W	and a strange of the	Sampling	Sampling Date		: 08/05/2023 : 5.0 Ltr.+250ml		
Location : Village-Khe Sample Collected by : VEL Repre			idues and contaminants in Water	Sampling	Quantity	: 5.0 Ltr.+250			
				Sampling	Туре	: Grab			
		sentative (Dilver Singh)							
	ing and Analysis	: 25±2°C							
Protoc		: APHA & IS							
S.No.	Test Parameters		Test Method	Results	Units	Require	ment as per		
						IS:10500-2012#			
						Acceptable Limits	Permissible Limits		
Disci	pline : Chemical								
1	pH (at 25°C)		IS 3025 (P-11)	7.80		6.5 to 8.5	No Relaxation		
2	Colour,max		IS 3025 (P-4)	BLQ(LOQ-1.0)	Hazen	5	15		
3	Turbidity,max		IS 3025 (P-10)	BLQ(LOQ-1.0)	NTU	1	5		
4	Odour		IS 3025 (P-5)	Agreeable		Agreeable	Agreeable		
5	Taste		IS 3025 (P-8)	Agreeable		Agreeable	Agreeable		
6	Total Dissolved Solids 1°C),max	(at 180°C ±	IS 3025 (P-16)	698.00	mg/L	500	2000		
7	Calcium (as Ca),max		IS 3025 (P-40)	96.66	mg/L	75	200		
8	Alkalinity (as CaCO3)		IS 3025 (P-23)	434.00	mg/L	200	600		
9	Chloride (as Cl),max		IS 3025 (P-32)	105.50	mg/L	250	1000		
10	Magnesium (as Mg),m	ах	APHA,3500 Mg B		mg/L	30	100		
11	Total Hardness (as Ca	Co3),max	IS 3025 (P-21)	399.45	mg/L	200	600		
12	Sulphate (as SO4),max	ĸ	IS 3025 (P-24)	60.45	mg/L	200	400		
13	Fluoride (as F),max		APHA 4500 F D	0.60	mg/L	1.0	1.5		
14	Nitrate (as NO3),max		IS: 3025(P-34) Chromotropic Method	26.30	mg/L	45.0	No Relaxation		
15	Iron (as Fe),max		VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	0.35	mg/L	1.0	No Relaxation		
16	Aluminium (as Al),max		VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 05)	mg/L	0.03	0.2		

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Bibhuti Nayak Dy. Tech. Manager

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Test Report

Page No. 2/3

	Number : VEL/014	T	Report No.		: VEL/W/2305	
5.NO.	lest Parameters	Test Method	Results	Units	MALE SECTOR	ement as per 500-2012#
					Acceptable Limits	Permissible Limits
17	Boron (as B),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 1)	mg/L	0.5	2.4
18	Total Chromium (as Cr),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 02)	mg/L	0.05	No Relaxation
19	Phenolic Compounds (C6H5OH),max	IS 3025 (P-43)	BLQ(LOQ-0.0 005)	mg/L	0.001	0.002
20	Mineral Oil,max	IS:3025 (P-39)	BLQ(LOQ-0.1)	mg/L	1.0	No Relaxation
21	Anionic Detergents (as MBAS),max	IS 3025(Part-68)	BLQ(LOQ-0.0 5)	mg/L	0.2	1.0
22	Zinc (as Zn),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	1.35	mg/L	5.0	15.0
23	Copper (as Cu),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	0.30	mg/L	0.05	1.5
24	Manganese (as Mn),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 1)	mg/L	0.1	0.3
25	Selenium (as Se),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 01)	mg/L	0.01	No Relaxation
26	Cadmium (as Cd),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 02)	mg/L	0.003	No Relaxation
27	Lead (as Pb),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 02)	mg/L	0.01	No Relaxation
28	Cyanide (as CN),max	IS 3025 (P-27)	BLQ(LOQ-0.0 2)	mg/L	0.05	No Relaxation
29	Arsenic (as As),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 05)	mg/L	0.01	No Relaxation
30	Mercury (as Hg),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 005)	mg/L	0.001	No Relaxation

ARD Bibhuti Nayak **Reviewed By** Dy. Tech. Manager T. +

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Test Report

	7		Report No	1	: VEL/W/23050	
S.No.	. Test Parameters	st Parameters Test Method	Results	Units	Requirement as per IS:10500-2012#	
					Acceptable Limits	Permissible Limits
Disci	pline : Biological				l	
31	Total Coliform	IS 15185	Absent	/100 ml	Shall not be detectable in any 100 ml sample	-
32	E.coli	IS 15185	Absent	/100 ml	Shall not be detectable in any 100 ml sample	

BLQ-Below Limit of Quantificaction, LOQ-Limit of Quantification

End of Report

5/2023 Reviewed By CHANDRABHAN SINGH Sr. Microbiologist

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Page No. 3/3

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr) ISO 9001 | ISO 14001 | ISO 45001



Test Report

							Page No. 1/		
	Number: VEL/016			Repor	rt No.	: VEL/W/230	8020009		
Name	& Address of the Party	: M/s ASD F	RKC J.V. 40, Laxmi Nagar Near Sub City	Forma	at No	: 7.8 F 03			
			i, Sector-8, Udaipur, Rajasthan-313002,		Reference No	: NIL			
			me:-Stone Mine (Associated Minor Mine ⁻ Plot-2, Tehsil-Dadri, Distt-Bhiwani Hary	Popol	ting Date	: 08/08/2023	: 08/08/2023		
			r loc 2, rohon baan, blac bhiwan rhay		d of Analysis	: 02/08/2023-08/08/2023			
Namo	of Comple	11 123 VIII		Recei	pt Date	: 02/08/2023			
	of Sample e Group		the second		ling Date	: 01/08/2023			
Locatio	•	: Village-Khe	idues and contaminants in Water	Samp	ling Quantity	: 5.0 Ltr.+250	Dml		
100000000	e Collected by			Samp	ling Type	: Grab			
test in	nmental Condition	: 25±2°C	esentative (Dilver Singh)						
Sampli	ing and Analysis	: APHA & IS							
Protoc S.No.		meters Test Method Results		s Units		ement as per 9500-2012#			
						Acceptable Limits	Permissible Limits		
Disci	pline : Chemical								
1	pH (at 25°C)		IS 3025 (P-11)	7.60		6.5 to 8.5	No Relaxation		
2	Colour,max		IS 3025 (P-4)	BLQ(LOQ	-1.0) Hazen	5	15		
3	Turbidity,max		IS 3025 (P-10)	BLQ(LOQ	-1.0) NTU	1	5		
4	Odour		IS 3025 (P-5)	Agreeab	le	Agreeable	Agreeable		
5	Taste		IS 3025 (P-8)	Agreeab	le	Agreeable	Agreeable		
6	Total Dissolved Solids 1°C),max	at 180°C ±	IS 3025 (P-16)	712.00	mg/L	500	2000		
7	Calcium (as Ca),max		IS 3025 (P-40)	96.32	mg/L	75	200		
8	Alkalinity (as CaCO3)		IS 3025 (P-23)	438.00	mg/L	200	600		
9	Chloride (as Cl),max		IS 3025 (P-32)	100.56	mg/L	250	1000		
10	Magnesium (as Mg),m	ax	APHA,3500 Mg B	39.67	mg/L	30	100		
11	Total Hardness (as Ca	Co3),max	IS 3025 (P-21)	404.00	mg/L	200	600		
12	Sulphate (as SO4),max	(IS 3025 (P-24)	60.20	mg/L	200	400		
13	Fluoride (as F),max		APHA 4500 F D	0.43	mg/L	1.0	1.5		
14	Nitrate (as NO3),max		IS: 3025(P-34) Chromotropic Method	25.00	mg/L	45.0	No Relaxation		
15	Iron (as Fe),max		VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	0.28	mg/L	1.0	No Relaxation		
16	Aluminium (as Al),max								

Reviewed By no 68 2 Bibhuti Nayak VA Dy. Tech. Manager

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Test Report

Page No. 2/3

ample Number : VEL/016			Report No.		: VEL/W/2308020009		
S.No.	Test Parameters	Test Method	Results	Units	0.0000000000000000000000000000000000000	ement as per)500-2012#	
					Acceptable Limits	Permissible Limits	
17	Boron (as B),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 1)	mg/L	0.5	2.4	
18	Total Chromium (as Cr),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 02)	mg/L	0.05	No Relaxation	
19	Phenolic Compounds (C6H5OH),max	IS 3025 (P-43)	BLQ(LOQ-0.0 005)	mg/L	0.001	0.002	
20	Mineral Oil,max	IS:3025 (P-39)	BLQ(LOQ-0.1)	mg/L	1.0	No Relaxation	
21	Anionic Detergents (as MBAS),max	IS 3025(Part-68)	BLQ(LOQ-0.0 5)	mg/L	0.2	1.0	
22	Zinc (as Zn),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	1.40	mg/L	5.0	15.0	
23	Copper (as Cu),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	0.19	mg/L	0.05	1.5	
24	Manganese (as Mn),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 1)	mg/L	0.1	0.3	
25	Selenium (as Se),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 01)	mg/L	0.01	No Relaxation	
26	Cadmium (as Cd),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 02)	mg/L	0.003	No Relaxation	
27	Lead (as Pb),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 02)	mg/L	0.01	No Relaxation	
28	Cyanide (as CN),max	IS 3025 (P-27)	BLQ(LOQ-0.0 2)	mg/L	0.05	No Relaxation	
29	Arsenic (as As),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 05)	mg/L	0.01	No Relaxation	
30	Mercury (as Hg),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 005)	mg/L	0.001	No Relaxation	

ARD Reviewed By Bibhuti Nayak Dy. Tech. Manager C *

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SURGAS







Dago No 2/2

Test Report

S.No.	Test Parameters	Test Method	Report No	1	: VEL/W/23080	N. 1896/1998/200
0.110.	Rest method Rest	Results	Results Units	Requirement as per IS:10500-2012#		
				Acceptable Limits	Permissible Limits	
Disci	; pline : Biological					
31	Total Coliform	IS 15185	Absent	/100 ml	Shall not be detectable in any 100 ml sample	
32	E.coli	IS 15185	Absent	/100 ml	Shall not be detectable in any 100 ml sample	::

BLQ-Below Limit of Quantificaction, LOQ-Limit of Quantification.

End of Report

To8/2023 CHANDRABHAN SINGH **Reviewed By** Sr. Microbiologist



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08/2025

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Hr) ISO 9001 | ISO 14001 | ISO 45001



Test Report

S	Musel and the second							Page No.	
Sample Number : VEL/016 Name & Address of the Party : M/s ASD F				Report No	•	: VEL/W/230	8020008		
Name & Address of the Party			need of the second s		Format No		: 7.8 F 03		
			Hiran Margi, Sector-8, Udaipur, Rajasthan-313002, Project Name:-Stone Mine (Associated Minor Mineral),				; NIL		
			r Plot-2, Tehsil-Dadri, Distt-Bhiwani Hary				: 08/08/2023		
				, can lo	Period of /	Analysis	: 02/08/2023-	-08/08/2023	
Jamo	of Sample				Receipt Da	ate	: 02/08/2023		
	and a second a second		Vater Sample		Sampling	Date	: 01/08/2023		
Location : Village-Khe		idues and contaminants in Water		Sampling	Quantity	: 5.0 Ltr.+250	ml		
				Sampling '	Туре	: Grab			
		esentative (Dilver Singh)							
	ing and Analysis	: 25±2°C							
rotoc		: APHA & IS							
S.No.	Test Parameters		Test Method	F	Results	Units	1200-0000000000000000000000000000000000	ement as per 500-2012#	
							Acceptable Limits	Permissible Limits	
Disci	pline : Chemical			-					
1	pH (at 25°C)		IS 3025 (P-11)		7.60		6.5 to 8.5	No Relaxatio	
2	Colour,max		IS 3025 (P-4)	BLC	Q(LOQ-1.0)	Hazen	5	15	
3	Turbidity,max		IS 3025 (P-10)	BLC	Q(LOQ-1.0)	NTU	1	5	
4	Odour		IS 3025 (P-5)	Ag	greeable		Agreeable	Agreeable	
5	Taste	_	IS 3025 (P-8)	Ag	greeable		Agreeable	Agreeable	
6	Total Dissolved Solids 1°C),max	(at 180°C ±	IS 3025 (P-16)		768.00	mg/L	500	2000	
7	Calcium (as Ca),max		IS 3025 (P-40)		144.33	mg/L	75	200	
8	Alkalinity (as CaCO3)		IS 3025 (P-23)		512.00	mg/L	200	600	
9	Chloride (as Cl),max		IS 3025 (P-32)		93.60	mg/L	250	1000	
10	Magnesium (as Mg),ma	ax	APHA,3500 Mg B		29.93	mg/L	30	100	
11	Total Hardness (as Cat	Co3),max	IS 3025 (P-21)		484.00	mg/L	200	600	
12	Sulphate (as SO4),max	:	IS 3025 (P-24)		52.15	mg/L	200	400	
13	Fluoride (as F),max		APHA 4500 F D	-	0.55	mg/L	1.0	1.5	
14	Nitrate (as NO3),max	-	IS: 3025(P-34) Chromotropic Method		25.40	mg/L	45.0	No Relaxation	
15	Iron (as Fe),max		VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021		0.36	mg/L	1.0	No Relaxation	
16	Aluminium (as Al),max		VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLC	Q(LOQ-0.0 05)	mg/L	0.03	0.2	

08/08/2022 un 0 ANENI **Reviewed By** ARD Bibhuti Nayak

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Dy. Tech. Manager

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Test Report

Page No. 2/3

S No	Test Parameters	Test Method	Report No.		: VEL/W/2308	
3.NO.		rest method	Results	Units		ement as per 500-2012#
					Acceptable Limits	Permissible Limits
17	Boron (as B),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 1)	mg/L	0.5	2.4
18	Total Chromium (as Cr),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 02)	mg/L	0.05	No Relaxation
19	Phenolic Compounds (C6H5OH),max	IS 3025 (P-43)	BLQ(LOQ-0.0 005)	mg/L	0.001	0.002
20	Mineral Oil,max	IS:3025 (P-39)	BLQ(LOQ-0.1)	mg/L	1.0	No Relaxation
21	Anionic Detergents (as MBAS),max	IS 3025(Part-68)	BLQ(LOQ-0.0 5)	mg/L	0.2	1.0
22	Zinc (as Zn),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	1.40	mg/L	5.0	15.0
23	Copper (as Cu),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	0.20	mg/L	0.05	1.5
24	Manganese (as Mn),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 1)	mg/L	0.1	0.3
25	Selenium (as Se),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 01)	mg/L	0.01	No Relaxation
26	Cadmium (as Cd),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 02)	mg/L	0.003	No Relaxation
27	Lead (as Pb),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 02)	mg/L	0.01	No Relaxation
28	Cyanide (as CN),max	IS 3025 (P-27)	BLQ(LOQ-0.0 2)	mg/L	0.05	No Relaxation
29	Arsenic (as As),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 05)	mg/L	0.01	No Relaxation
30	Mercury (as Hg),max	VEL/STP/ICP/W-01, Issue No01, Issue date 01/11/2021	BLQ(LOQ-0.0 005)	mg/L	0.001	No Relaxation

RUMIO 6 AR Bibhuti Nayak Reviewed By Dy. Tech. Manager a SURG!

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Test Report

	Number: VEL/016		Report No.		: VEL/W/2308	320008
S.No.	D. Test Parameters Test Method R	Results	Units	Requirement as per IS:10500-2012#		
				Acceptable Limits	Permissible Limits	
Disci	pline : Biological					
31	Total Coliform	IS 15185	Absent	/100 ml	Shall not be detectable in any 100 ml sample	
32	E.coli	IS 15185	Absent	/100 ml	Shall not be detectable in any 100 ml sample	-

BLQ-Below Limit of Quantificaction, LOQ-Limit of Quantification.

End of Report

ANDRABHAN SINGH Sr. Microbiologist **Reviewed By**

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Paga No 3/3

2023 Authorized Signatory

M/s ASD RKC JV Kheribattar Stone Mine-2

		r Pollution Control
F	Period 01.04.23 to	31.10.23 FY 2023-24
Water Sprinkling	2034025	
Air Ambient Machine for Air Pollution Control	160200	
Smog-Gun Machine	78900	Other expenses also incurred like - Air Pollutin Maping and
Plantation	279442	control , Plantation , Smog
Total	2552567	

	CSR -	Expenses
P	eriod 01.04.23 t	o 31.10.23 FY 2023-24
2		
Drinking Water/ Donation Activities	411133	
Kheribattar School Paint , Water facility and village consultation and other Infrastracture in the village Kheribattar , Dada Dhola Village		Other Expenses also incurred like Road repair and near by village
Temple and Gaushala	2710400	faclity improvement
Total	3121533	

	Employee Safety and Welfare	
	Period 01.04.23 to 31.10.23 FY 2023-2	24
Health Check-up, Employee safety and welfare & Fooding Exp.	3049988	

T.

No. 4

ASD-RKC J V

Kheri Battar Stone Mines-2

Charkhi Dadri, Haryana

Labourer House Photo











ক্ষ্মীত पोक्ट ब्राज्ञ Telephone 0120 2711597 (office) 0120 2789483 Fax 0120 2711597 website: www.dgmsindia.in email: dir.gzr@dgms.gov.in

भाষत সামকার / Government of India স্থিন তের্টা রৌতানার সাঁরালেয / Ministry of Labour & Employment ब्लान ঝुরक्षा महानिढ़ेशालय / Directorate General of Mines Safety गाजिराखाढ़ क्षेत्र नाजिराखाढ़ / Ghaziabad Region, Ghaziabad

> कमन्ना अंख्रम्या १०१ - १०२, प्रथम तल ख्लांक - बी नी.,जी.ओ. कॉम्प्लेक्न II, हाप्ड, नोड गाजियाबाढ़-२०१००२

> > /2016

नंबल्याः S29024/GR/HR/BHIWANI/0171 /Per २८०२ दिनांक

प्रेषक ब्वान सुवक्षा निदेशक, गाजियाखाढ़ क्षेत्र, गाजियाखाढ़।

कोणा में , मैसर्स एएसडी-आरकेसी जेवी मालिक- खेरीबत्तर प्लॉट न॰ २ स्टोन खान, 40, लक्ष्मी नगर, हिरण मागरी, सैक्टर-8 उदयपुर-313002(राजस्थान)

विषय: धत्यीक ज्वान विनियम, 1961 के विनियम 106(2)(खी) के अंतर्गत मैसर्स एएसडी-आरकेसी जेवी की खेरीबतर प्लॉट न॰ २ स्टोन खान में डीप होल ड्रिलिंग और ख्लाकिटंग के आध आर्की रांत्रों के प्रयोग की अनुमति।

महोदय

कृपया उपरोक्त विषय पर अपने दिनांक 22.10.2016 के पत्रांक शून्य का संदर्भ लें और उसके साथ संलग्न दिनांक 22।10।2016 का प्लान सं. KBSM/ASD-RKC/SWP/01 का संदर्भ लें। आपके आवेदन में दिए गए तथ्यों के आलोक में मामले पर विचार किया गया।

मुख्य खान निर्दाक्षक (खान सुन्नक्षा महानिदेशक की तन्नह भी पढ़नामित) को धात्मीक खान विनियम, 1961 के गिनियम 106(2)(खी) के अंतर्गत दिए गए अधिकान्नों औन मुख्य खान निर्नाक्षक (खान सुन्नक्षा महानिदेशक की तन्नह भी पढ़नामित) झान खान अधिनियम, 1952 की धान 6(1) के अंतर्गत मुझे दिए गए प्राधिकन्नण के तहन मैसर्स एएसडी-आरकेसी जेवी की हरियाणा नज्य में भिवानी जिले के दादरी तहन्नील में खेरीबतर गॉज के पान में अजन्निध्त खेरीबत्तर प्लॉट न॰ 2 स्टोन खान में डीप होल ड्रिलिंग औन छलान्टिंग के नाध भानी रंत्रों के प्रयोग की की अनुमति देता हूँ।

1.0 भामान्य:

इन निर्धात अनुमति में जहां भी अन्य रूप में प्रदान किया गया है उनके अतिनिक्त धत्यीक खान विनियम, 1961 के नभी विनियमों का कठोवता ने पालन किया जाएगा।

1.1 Following additional precautions shall be taken for working old pits that may be standing vertical and dangerously:

- 1.1.1 Such pits shall be worked top downwards only by forming benches in accordance with the stipulations of this permission.
- 1.1.2 Proper access shall be provided for transport of material and persons to reach top of the working benches and other working places of the mine.
- 1.1.3 No person shall be engaged at the bottom of high walls.
- 1.1.4 All approaches to the bottom of high sides shall be kept securely and effectively fenced so as to prevent entry of persons.
- 1.1.5 Provision of MMR 164 shall strictly be adhered to and no workings shall be extended beyond any point which is 300mts from any permanent building or structure of permanent nature, not belonging to the owner without the prior permission in writing of the Chief Inspector or Regional Inspector and subject to such conditions as he may specify therein.
- 1.1.6 No working shall be made or extended to any point within 45 meters of any public road, without the prior permission in writing of the Chief Inspector and subject to such conditions as he may specify therein.

2.0 Height and Width of Benches

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- 2.0.1 The height of benches in overburden, ore body or other rock formation shall not be more than 9.0m or maximum digging height of the machine used for digging, excavation or removal, whichever is less.
- 2.0.2 Width of any bench shall not be less than -
 - (a) width of the widest machine plying on the bench plus 2 m, or
 - (b) if dumpers ply on the bench, 3 times the width of the dumper, or
 - (c) the height of the bench, whichever is more.
- 2.0.3 When persons are employed within 5 m of the working face, adequate precautions shall be taken to ensure their safety by dressing the sides of the bench.

2.1 **Roads for Trucks and Dumpers etc:**

- 2.1.1 All roads for trucks, dumpers or other mobile machinery shall be maintained in good condition.
- 2.1.2 Wherever practicable, all roads from the opencast workings shall be arranged to provide one-way traffic.
- 2.1.3 No road shall be of width less than three time plus 5m width of the largest vehicle plying on road.

- 2.1.4 All corner and bends shall be made in such a way that operator of vehicle have clear view of distance of not less than 3 times the braking distance of largest HEMM working at 40Km/hour.
- 2.1.5 Where it is not possible to ensure a visibility for a distance as mention in clause (2.2.4), there shall be provided with two roads of width not less than 2 times plus 3m of largest vehicle plying on the road with a strong road divider at centre with adequate lighting and reflector along the divider.
- 2.1.6 Where any road existing above level of surrounding area it shall be provided with strong parapet wall/embankment of following dimensions:
 - (a) Width at top-not less than 1 m.
 - (a) Width at bottom-not less than 2.5 m.
 - (b) The height not less than the diameter of tyre of largest vehicle plying on road. It may be noted that just dumping of mud of OB shall not be treated as strong parapet wall.
- 2.1.7 No road shall have gradient more than 1 in 16.

3.0 Supervision :

₽.

- 3.1 A person possessing First Class Mine Manager's Certificate of competency under Regulation MMR, 1961 shall be appointed as the manager of the mine to look after HEMM operation. This permission shall stand revoked as soon as the qualified manager ceases to work at the mine. Use of HEMM shall be suspended in the absence of manager with aforesaid qualification.
- 3.1 During every production shift, the opencast workings shall be placed under the charge of an Assistant Manager and during maintenance shift, the working shall be placed under the charge of a Foreman, who shall be responsible to see that all the regulations and orders made there under are strictly complied with. He shall also supervise transport and loading being done by the contractor.
- 3.2 The deep hole drilling and blasting shall be carried out under the personal supervision of the Assistant Manager. Blasting parameters of each blast with a sketch showing the drilling pattern and the holes charged shall be maintained in register kept for the purpose for each blast.
- 3.3 Manager shall in particular –

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- (a) make frequent inspections for evidence of slides or of material that may slide or roll from the high wall (including the face and sides) or spoil-bank;
- (b) not allow any person to work under overhanging ledges or where there is evidence of slides, until such danger has been removed;
- (c) ensure that every person engaged in dressing operations on high walls/sides is provided with, and uses, a safety belt of a type approved by the Chief Inspector;
- (d) ensure that all loose material is removed from high wall/side before persons are engaged there; and
- (e) ensure that parapet walls along truck roads are properly maintained.

4.0 Maintenance of Machines:

- 4.1 If the engineer, mechanical foreman or other competent person making an inspection notices any defect in any machinery, the said machinery shall not be used until the defect has been remedied.
- 4.2 Any defect in machinery reported by its operator shall be promptly attended to.
- 4.3 Any machine found to be in an unsafe operating condition shall be tagged at the operator's position 'OUT OF SERVICE DO NOT USE' and its use shall be prohibited until the unsafe condition has corrected.
- 4.4 All repairs to a machine shall be done at a location which will provide a safe place for the persons engaged on repairs.
- 4.5 Except for testing, trial or adjustment which must necessarily be done while the machine is in motion, every machine shall be shut down and positive means taken to prevent its operation while any repair or manual lubrication is being done.
- 4.6 Power shall be disconnected when repairs are made to any electric machine.
- 4.7 Any machinery, equipment or part thereof which is suspended or held apart by use of slings, hoists or jacks shall be substantially blocked or cribbed before men are permitted to work underneath or between such machinery, equipment or part thereof.

- 4.8 All repairs of a machinery or vehicle shall be done at properly laid repair sheds and workshops so as to ensure due protection to work persons deployed at those places from the movement of heavy earth moving machinery.
- 4.9 Every place of drilling and earth moving machinery or equipment and every truck, dumper etc. shall be maintained in good and safe working condition.
- 4.10 *Design aspects of equipments:*

that

- 4.10.1 Every machinery or vehicle shall be provided with efficient warning devices and rear lights and efficient brakes.
- ⁶4.10.2 Every shovel or dragline shall be so designed as to afford the operator clear and uninterrupted vision all around and shall be provided with portable lamp for emergency, suitable portable fire extinguishers and retracting ladder.
- 4.10.3 The operator's cabin of heavy earth moving machinery shall be well designed and substantially built so as to ensure adequate protection to the operator against heat, dust, noise etc. and at the same time provided adequate safety to the operator in the event of overturning of heavy earth moving machinery. A seat belt for the safety of the operator shall be provided.
- 4.11 *Schedule of maintenance:*
- 4.11.1 The code of instructions furnished by the manufacturers in the matter of maintenance of various machinery and vehicles and preventive maintenance schedules for each type of machinery and vehicle shall be strictly followed.
- 4.11.2 Every machine and vehicle shall be allocated at least one day in every week for maintenance. Before the machine or vehicle is sent out for work after maintenance, it shall be thoroughly inspected by the Engineer or mechanical foreman or other competent person, appointed by the manager in writing, who shall satisfy himself that the machine or vehicle is mechanically sound and in efficient working order.

- 4.11.3 A report of every inspection made under clause (4.11.2) shall be recorded in a bound paged book kept for the purpose, and shall be signed and dated by the person making the inspection.
- 4.11.4 Every machine in use shall be thoroughly inspected once at least in every 24 hours by a competent person. Any damaged or worn out parts shall be replaced immediately.
- 4.11.5 A report of every inspection made under clause (4.11.4) shall be recorded in a bound paged book kept for the purpose and shall be signed and dated by person making the inspection.
- 4.12 *Shift examination of machinery and vehicle:*
- 4.12.1 At the commencement of every shift, the engineer or mechanic or foreman or other authorized competent persons shall personally inspect and test every machine and vehicle paying special attention to the following details:
 - (a) that the brakes and the horn or other warning devices are in working order;
 - (b) if the vehicle or machine is required to work after day light hours that the lights are in working order.
- 4.12.2 He shall not permit the vehicle or machine to be taken out for work nor shall he drive the vehicle unless he is satisfied that it is mechanically sound and in efficient working order.
- 4.12.3 He shall also maintain a record of every inspection in a bound paged book kept for the purpose. Every entry in the book shall be signed and dated by the person making the inspection.
- 5.0 Safety features of dumper, Excavator, dozer and drill (Cir 9/2008)
- 5.1.1 Dumper:
- **5.1.1.1** The following safety feature shall be provided in dumper:

- (a) Mechanical steering locking to prevent untoward movement of steering wheel and tyre while work persons working below the cabin while engine is running.
- (b) Blind spot mirror apart from rear view mirror to enable operator to have clear visibility of blind spot in and around dumpers.
- (c) Mechanical type Anti collision device to avoid head to tail collision on haul road such as tail gate, bumper extension or any other strong device.
- (d) Fire resistant hydraulic hoses in place of ordinary hoses to decrease the chance of fire. All the sleeves and conducts where cable / wire are passed shall be fire resistant.
- (e) Seat belt for operator.
- (f) The maximum speed of vehicle shall be restricted to 30 km/hour by blocking higher gear or any other automatic means.
- (g) Proper shaft guard.
- (h) Proximity working device.

5.1.2 Excavators:

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- 5.1.2.1 The following safety feature shall be provided in excavator:
 - (a) All functions cut off switch.
 - (b) Swing Motor Brake.
 - (c) Fire resistant hydraulic hoses in place of ordinary hoses to decrease the chance of Fire. All the sleeves and conducts where cable/wire is passed shall be fire resistant.
 - (d) Turbo charger Guard.
 - (e) Seat belt.
 - (f) Vent valve on top of hydraulic tank should be able to be removed without any tool.
 - (g) A baffle plate between cold zone and hot zone.
 - (h) Provision for limiting of hydraulic cylinders- Stoppers

5.1.3 Drills:

- **5.1.3.1** The following safety feature shall be provided in drills:
 - (a) Approved type of dust prevention or suppression system.
 - (b) Each moving parts of the machinery shall be guarded/fenced and also ensure its effectiveness all the time.
 - (c) Emergency push button in
 - (i) Operator's cabin.
 - (ii) Main frame.

(iii) Propeller pendent.

(iv) Rear end.

- (d) Tripping device to trip the field switch.
- (e) Thermostat motor protection relay in winding temperature and other related parts.
- (f) Explosive vent in transformer.
- (g) Propel interlock (an electric interlock between drilling and propeller operation).
- (h) High air discharge temperature switch.
- (i) Low lube oil pressure switch.
- (j) Oil stop valve (electric solenoid valve in compressor lubrication line).
- (k) No bump circuit.
- (I) Tower lock and lock check valve.
- (m) Propel joystick-spring loaded type to return to neutral (dead man safety).
- (n) Disc-brake and brake valve and its testing parameters.
- (o) Lock check valve for preventing creeping in drill.
- (p) Seat belt.
- (q) Fire resistant hydraulic hoses and wiring near hot zone.
- (r) Turbo charger guard.
- (s) Cabin for the operator

5.1.4 **Dozers**:

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- 5.1.4.1 The following safety feature shall be provided in dozers:
 - (a) Roll over protection.
 - (b) Turbo charger guard.
 - (c) Fire resistant hydraulic hoses and wiring near hot zone.
 - (d) Seat belt.

5.1.5 General:

- **5.1.5.1** The approved type of audio visual alarm shall be provided in all equipments.
- **5.1.5.2** The approved type of fire suppression system shall be provided in all equipments.
- **5.1.5.3** The stability test of HEMM shall be carried out at least once in year and after every major over haul by an independent agency.

- **5.1.5.4** The crane and overhead crane shall be subject to proof load test and NDT test once in a year from a competent authority.
- **5.1.5.5** The pressure vessel receiver are subjected to hydraulic and NDT test and shall be carried out by a competent authority.
- **5.1.5.6** In case of any defect in equipment such as brake, steering and safety device the equipment shall be immediately taken out of use and a record shall be kept.
- 5.1.5.7 The code of practice for installation operation and maintenance of all equipment shall be prepared and implemented before putting the equipment to use in mine.
- 5.1.5.8 The safety feature recommended in equipment shall be a part of notice inviting tender for new procurement and the design and drawing shall be obtained from OEM for fitting the same in old equipment.
- 5.1.5.9 The layout of the workshop shall be required as per DG's Circular No. 8 of 2003.

6.0 **Precautions while Drilling:**

- 6.1 The position of every deep hole to be drilled shall be distinctly marked by the mine foremen so as to be readily seen by the drillers.
- 6.2 No person shall be permitted to remain within a radius of 20 m or within 60 m on the same bench where charging of holes with explosives is being carried out.

7.0 Transport of Explosives:

- 7.1.1 Where explosives are transported in bulk for deep hole blasting, the following precautions shall be taken:
- 7.1.1.1 Transport of explosives from the magazine to the priming station or the site of blasting shall not be done except in original wooden or cardboard packing cases. The quantity or explosive transported at one time to the

site of blasting shall not exceed the actual quantity required for use in one round of shots. Explosives shall be transported to the site of blasting not more than 90 minutes before the commencement of charging of the holes. 7.1

- 7.1.1.2 No mechanically propelled vehicle shall be used for the transport of explosives unless it is of a type approved in writing by the Chief Inspector. Provided that a Jeep or Land Rover may be used for the transport of detonators from magazines to 'priming stations' subject to the following conditions:
 - (a) not more than 200 detonators are transported in a vehicle at a time;
 - (b) the detonators are packed suitably in a wooden box;
 - (c) the wooden box containing detonators is placed inside an outer metal case of construction approved by the Chief Inspector;
 - (d) the outer metal case shall be suitably bolted to the floor of the vehicle or otherwise fixed in a wooden frame so that the container does not move about while the vehicle is in motion; and
 - (e) no person shall ride on the rear portion of the vehicle.

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- 7.1.1.3 Every vehicle used for transportation of explosive shall be marked or placarded on both sides and ends with the word 'Explosives' in white letters not less than 15 cm high on a red background.
- 7.1.2 Every mechanically propelled vehicle transporting explosives shall be provided with not less than two fire extinguishers (one of carbon tetrachloride type for petroleum fire and the other of carbon dioxide under pressure type for electrical fire) suitably placed for convenient use.
- 7.1.2.1 The vehicle used for transport of explosives shall not be overloaded and in no case shall the explosive cases be piled higher than the sides of its body.
- 7.1.2.2 Explosives and detonators shall not be transported in the same vehicle, at the same time.
- 7.1.2.3 No persons other than the driver and his helper shall ride on a mechanically propelled vehicle used for transport of explosives.
- 7.1.2.4 A vehicle loaded with explosive shall not be left unattended.

- 7.1.2.5 Engine of a vehicle transporting explosives shall be stopped and the brakes set securely before it is unloaded or left standing.
- 7.1.2.6 A vehicle transporting explosives shall not be driven at a speed exceeding 25 kilometers per hour.
- 7.1.2.7 A vehicle loaded with explosives shall not be taken into garage or repair shop and shall not be parked in a congested place.
- 7.1.2.8 A vehicle transporting explosives shall not be refueled except in emergencies and only when its engine is stopped and other precautions taken to prevent accidents.
- 7.1.2.9 No trailer shall be attached to a vehicle transporting explosives.
- 7.1.3 Every vehicle used for the transport of explosives shall be carefully inspected once in every 24 hours by a competent person to ensure that:
 - (a) fire extinguishers are filled and in place;
 - (b) the electric wiring is well-insulated and firmly secured;
 - (c) the chassis, engine and body are clean and free from surplus oil and grease;
 - (d) the fuel tank and feed lines are not leaking; and
 - (e) lights, brakes and steering mechanism are in good working order.
- 7.1.4 Report of every inspection made under clause (7.3) shall be signed and dated by competent person making the inspection.
- 7.1.5 All operations connected with transport of explosives shall be conducted under the personal supervision of a foreman solely placed in charge of blasting operations at the mine.
- 7.1.6 The blaster shall personally search every person engaged in the transport and use of explosives and shall satisfy himself that no person so engaged has in his possession any cigarette, 'biri' or other smoking apparatus, or any match or any other apparatus of any kind capable of producing a light, flame or spark.

8.0 Precaution during Firing:

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- 8.1.1 Shots shall not be fired except during hours of day-light or until adequate artificial light is provided. All holes charged on any one day shall be fired on the same day.
- 8.1.2 As far as practicable, shot firing shall be carried out either between shifts or during the rest interval, or at the end of work for the day.
- **8.1.3** During the approach and progress of an electric storm, the following precautions shall be taken:
 - (a) no explosive, particularly detonators, shall be handled;
 - (b) if charging operations have been commenced, the work shall be discontinued until the storm has passed;
 - (c) if the blast is to be fired electrically, all exposed wires shall be coiled up and if possible placed in the mouth of the holes, or kept covered by something other than a metal plate;
 - (d) all wires shall be removed from contact with the steel rails or a haulage track so as to prevent the charge being exploded prematurely by a local strike of the lightening.
- **8.1.4** The danger zone shall be distinctly demarcated (by means of red flags properly arranged and supported) before firing of holes is to commence.
- **8.1.5** Before firing, a siren installed for the purpose shall be blown three times for one minute each at intervals of one minute; and no shots shall be fired unless the blasting foreman with assistance of sufficient number of persons appointed in writing by the manager for the purpose has ensured that all persons have left the danger zone or have taken adequate shelter.
- **8.1.6** No shot shall be fired when there is traffic on any road or railway track within the danger zone.

9.0 **Operation of machines**:

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9.1 a) Every heavy earth moving machinery (and Hydraulic Excavators) shall be under the charge of a competent person (herein called the `operator') authorised in writing by the Manager.

b) Operator/driver of each HEMM shall be selected from amongst persons possessing requisite qualifications. The selection process shall comprise a test to check driving/operating skill, aptitude, health and oral examination

of the candidate by a competent selection committee. The selected person shall be trained and their competency shall be evaluated by a board constituted by the mining company.

c) All operators of HEMM shall undergo regular checks to test their driving/operating skill, knowledge and health once in every five years.

- 9.2 To prevent unauthorized driving, a system shall be evolved whereby the ignition key and /or cabin key always remain with the driver/operator or with specifically designated competent person.
- 9.3 No person other than the operator or his helper if any or the manager or any person so authorized in writing by the manager shall ride on a shovel or dragline.
- 9.4 No person shall be permitted to ride in the bucket of a shovel.
- 9.5 No shovel or dragline shall be operated in a position where any part of the machine, suspended loads or lines are brought closed than 3 meters to exposed high voltage lines, unless current has been cut off and the line de-energized. A notice of this requirement shall be posted at the operator's position.
- 9.6 Electrical cables, if any, shall be laid in such a manner that they are not endangered either by falling rocks or by a mobile equipment.
- 9.7 Shovel bucket shall be pulled out of the bank as soon as it is full.
- 9.8 When not in operation, the bucket shall be pulled out of the bank as soon as it is full.
- 9.9 When being operated in soft or unstable ground, every shovel (and dragline) shall be supported by heavy planks or poles so as to distribute the load of the machine over larger area and to prevent any danger of the shovel (or dragline) over-turning.
- 9.10 When not in use, the shovel or dragline shall be moved to and stood on stable ground.

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9.11 If more than one stripping machine is in use in any area, either on the same bench or on different benches, the machines shall be so spaced that there is no danger or accident from flying or falling objects etc. from one machine to the other.

10.0 **Duties of Mechanics, Fitters and Engineers:**

- 10.1 At the commencement of every shift, he shall personally inspect and test every machine and vehicle paying special attention to the following details:
 - (a) that the brakes and the warning devices are in working order;
 - (b) if the vehicle or machine is required to work after day-light hours, that the lights are in working order.
- He shall not permit the vehicle or machine to be taken out for work nor shall he drive the vehicle unless he is satisfied that it is mechanically sound and in efficient working order.
- 10.3 The mechanic shall maintain a record of every inspection in a bound paged book kept for the purpose. Every entry in the book shall be signed and dated by the person making the inspection.

11.0 ADDITIONAL DUTIES OF ENGINEERS PLACED IN CHARGE OF MACHINES AND EQUIPMENTS IN OPENCAST WORKINGS:

- 11.1 During each shift the machines and equipments at work shall be placed under the charge of qualified and experienced engineer to effect inspection, examination, safe operations and maintenance of the machines, equipments and accessories. During his shift the engineer/engineers shall;
 - (a) inspect, examine machines, equipments and accessories and satisfy himself that they are in sound and safe working order;
 - (b) not allow any machine, equipment to be used, if it is found defective;
 - (c) ensure that every machine, equipment, accessory used is in a safe and efficient order;
 - (d) ensure that each operation, activity is carried on in safe and efficient manner.

12.0 **Operation of Truck, Dumpers and other Vehicles:**

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- 12.1 No person shall be permitted to ride on the running board of a truck or dumper.
- 12.2 As far as possible, loaded trucks or dumpers shall not be reversed on gradient.
- 12.3 Sufficient stop blocks shall be provided at every tipping point and these shall be used on every occasion the material is dumped from the truck, dumper, or other such vehicle.
- 12.4 Standard Traffic Rules shall be adopted and followed during movement of all trucks and dumpers. They shall be prominently displayed at the relevant places in the opencast working and truck/dumper roads.
- 12.5 No person shall be permitted to work on the chassis of truck or dumper with the body in a raised position until the truck or dumper body has been securely blocked in position. The mechanical hoist mechanism alone shall not be depended upon to hold the body of the truck or dumper in raised position.
- 12.6 No unauthorized person shall be permitted to enter or remain in any dumping yard or turning point.
- 12.7 When not in use every truck or dumper shall be moved to and stood on proper parking places.
- 12.8 Every dumper/tipper/truck shall be provided with suitable fire extinguishers preferably automatic suitably placed for and operation/convenient use.
- 12.9 Every dumper/tipper/truck shall be provided with automatically operating audio-visual reversing alarm, which shall always be kept in working order.

13.0 Duties of Machine operators:

- 13.1 At the commencement of every shift, the operator shall also personally inspect and test the machine, paying special attention to the following details:
 - (i) That brakes and every warning device are in working order; and
 - (ii) If the machine is required to work after day-light hours, that lights are in working order.

- (iii)He shall not take out the machine for work nor shall he operate the machine unless he is satisfied that it is mechanically sound and in efficient working order.
- 13.2 The operator shall not operate the machine when persons are in such proximity as to be endangered.
- 13.3 He shall not swing the bucket of shovel over passing haulage units. While the trucks/dumpers are being loaded, he shall swing over the body of the truck/dumper and not over the cab, unless the cab is protected by a substantially strong cover.
- 13.4 The operator shall not allow any unauthorized person to ride on the machine.

14.0 **Duties of Truck / Dumper Operators:**

- 14.1 No person shall be permitted to ride on the running board of a truck or dumper.
- 14.2 As far as possible loaded trucks or dumper shall not be reversed on gradient.
- 14.3 Sufficient stop blocks shall be provided at every tipping point and these shall be used on every occasion material is dumped from the truck, dumper or other such vehicle.
- 14.4 Suitable "Code of Traffic Rules" shall be framed by the Mines Manager and enforced strictly for movement of all trucks, tippers and dumpers in the mine. A copy of the traffic rules shall be submitted to this Directorate for record. They shall be prominently displayed at the relevant places in the opencast workings and truck/dumper roads.
- 14.5 He shall not drive too fast, shall avoid distractions, and shall drive defensively.
- 14.6 He shall not attempt to overtake another vehicle unless he can see clearly far enough ahead to be sure that he can pass it safely. He shall also sound the audible warning signal before overtaking.
- 14.7 When approaching a stripping equipment, the driver of the truck, dumper shall sound the audible warning signal and shall not attempt to pass the stripping equipment until he has received proper audible signal in reply.
- 14.8 Before crossing a road or railway line, he shall reduce his speed, look in both directions along the road or line and shall proceed across the road or line only if it is safe to do so.
- 14.9 The driver shall sound the audible warning signal while approaching 'blind' corner or any other point from where persons may walk in front unexpectedly.
- 14.10 The driver shall not operate the truck or dumper in reverse unless he has a clear view of the area behind the vehicle or he has the assistance of a 'spotter' duly authorized in writing for the purpose by the manager. He shall give an audible warning signal before reversing a truck or dumper.

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- 14.11 The driver shall be sure of clearance before driving through tunnels, archways, plant structures etc.
- 14.12 The driver shall see that the vehicle is not overloaded and that the material is not loaded in a truck or dumper so as to project horizontally beyond the sides of its body and that any material projecting beyond the front or rear is indicated by a red flag during the day and by red light after day light hours.
- 14.13 The driver shall not allow any unauthorized persons to ride on the vehicle. He shall also not allow more than the authorized number of persons to ride on the vehicle.

15.0 **Miscellaneous:**

- 15.1 Trucks, tippers and other heavy vehicles, not belonging to management shall not be allowed in the mine premises without a valid pass issued by the competent authority of the mine. Before the pass is issued the mine engineer/competent person shall check the roadworthiness of such vehicle. In order to check the entry of such vehicle in the mine premises, properly manned check gate shall be provided at the mine entrance where the record of entry & exit of each vehicle shall be maintained. At the check gate the license of the drivers shall also be checked for eliminating the possibility of unlicensed persons driving the vehicle.
- 15.1.1 Persons engaged in surface operation and in particular, the contractor's workers shall be provided closer and competent supervision.
- 15.1.2 All persons engaged at any work within the mine premises through the contractors shall be provided relevant training and other job related briefings and that the drivers of the vehicle belonging to contractors entering the mine premises have additionally been explained the salient provisions of "Traffic Rules".
- 15.1.3 Each and every operation, including the operation carried out through contractor's worker or by outside agency, shall be placed under the charge of a competent supervisor, duly appointed and authorized by the manager.
- 15.2 Manager shall frame code of practices for each operation and copy of it shall be handed over to all concerned. It shall be the duty of all statutory persons to enforce the code of practices so framed.
- 15.3 No manual workers shall be employed on any bench where HEMM is deployed or on the next lower bench. Manual workers shall be employed

only after withdrawal of HEMM and only at the places where benches conform to the requirement of Regulation 106(1), 106(4) and 106(5) of the Metalliferous Mines Regulations, 1961.

- 15.4 No blasting shall be conducted within 300 m of building/infrastructure not belonging to the owner. The distance shall be kept marked in the field as well as on the plan mentioned under Regulation 61(1)(a) of the MMR, 1961.
- 15.5 Adequate general lighting arrangements shall be provided during working hours in the opencast working and Regulation 146 of MMR 1061 shall be complied with.
- 15.6 All the precautions and directives given in DGMS circulars issued from time to time shall be compiled with.
- 15.7 The Owner, Agent and Manager shall ensure that the aforesaid conditions are made known to all concerned. They shall also ensure that every such person has fully understood the same and complies with them.
- 15.8 Please note that this permission is subject to the following additional conditions:

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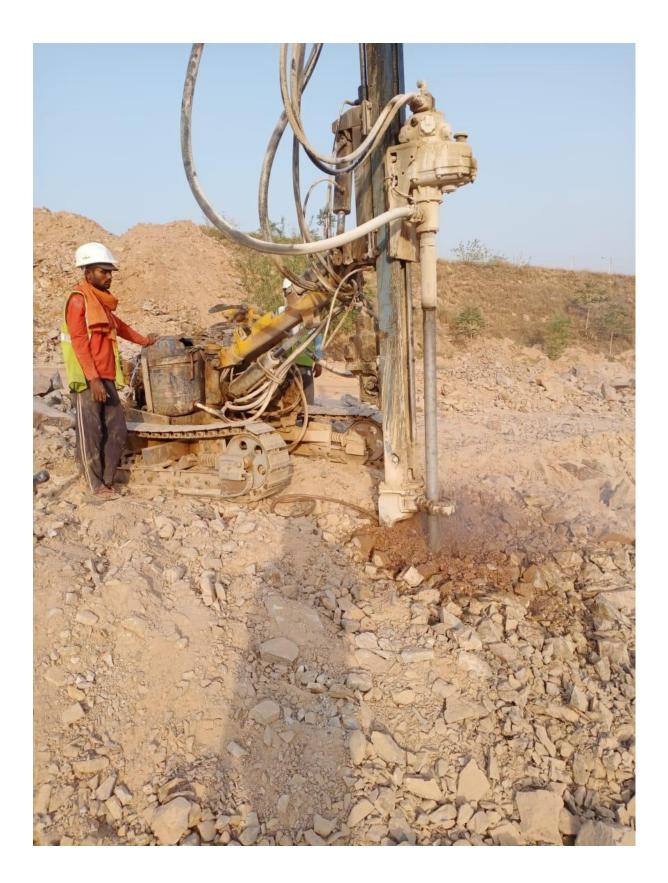
- 15.8.1 In the event of any change in the circumstances connected with this permission which is likely to endanger the life of workmen employed in the mining operation for which this permission has been granted shall be stopped forthwith and intimation thereof sent to this Directorate. The said mining operation shall not be resumed without an express and fresh permission in writing.
- 15.8.2 This permission may be amended or withdrawn at any time should it be considered necessary in the interest of safety.
- 15.8.3 This permission is being issued specifically under the regulations mentioned above and without prejudice to any other provision of law, which may be or may become applicable at any time.

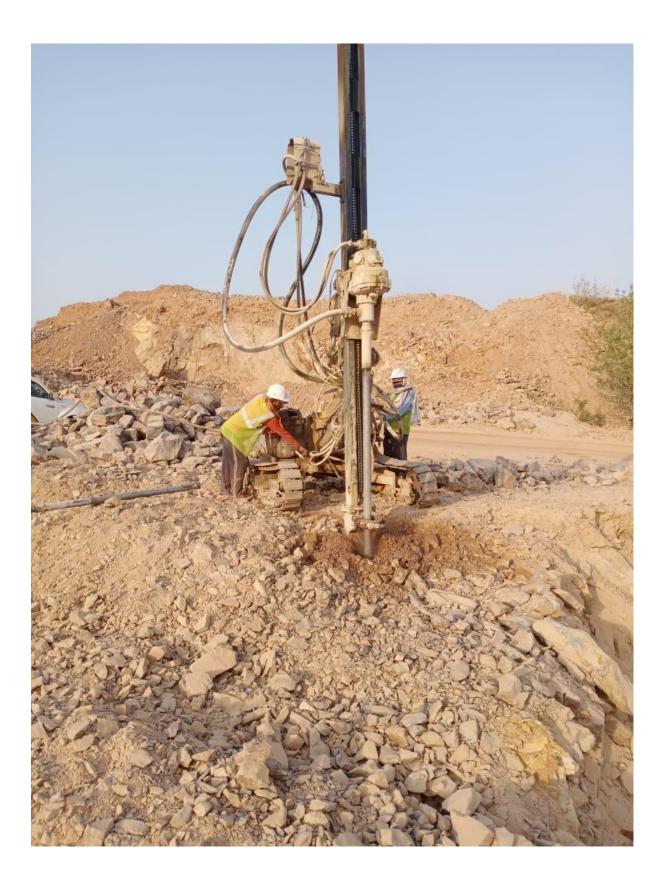
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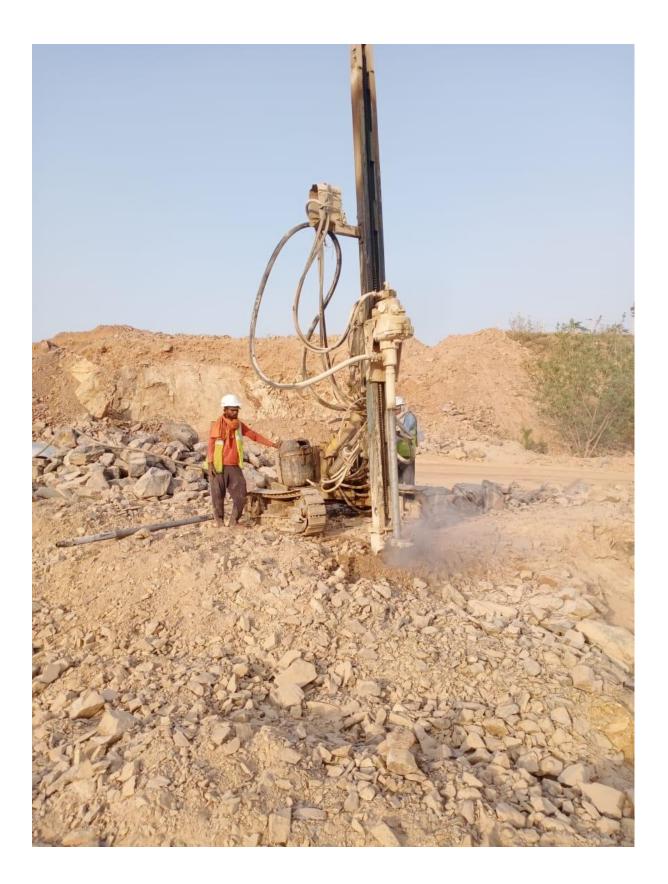
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Drilling Machine Photo









ASD-RKC J V KHERI BATTAR STONE MINES-2 CHARKHI DADRI, HARYANA

WATER SPRINKING PHOTO

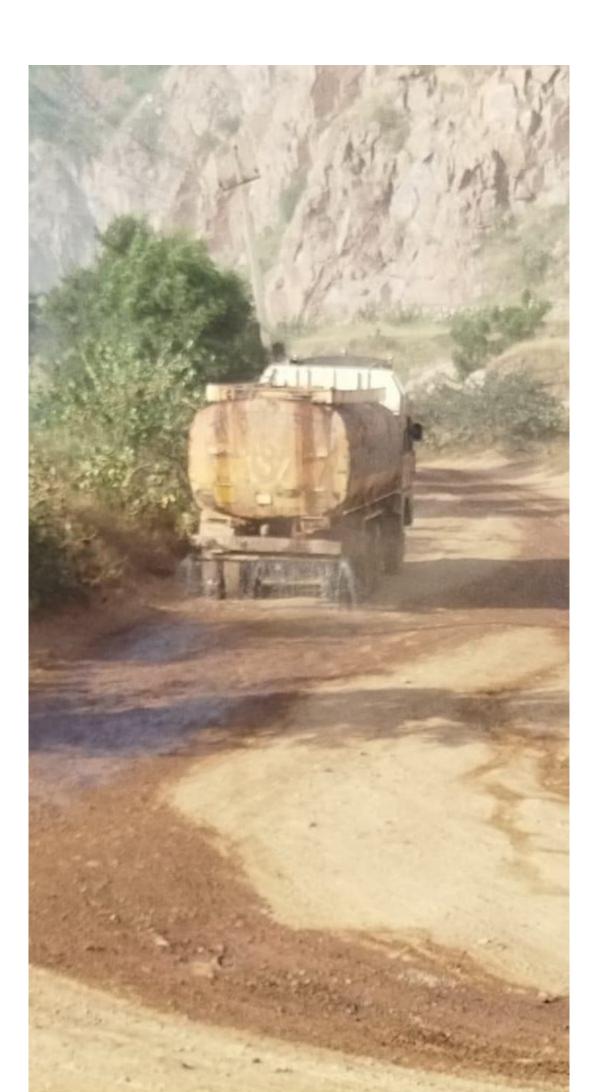


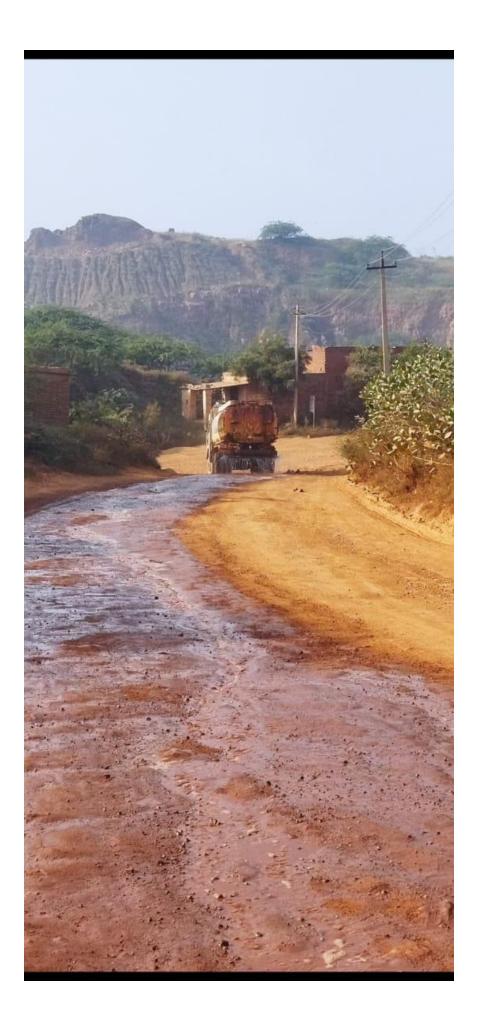




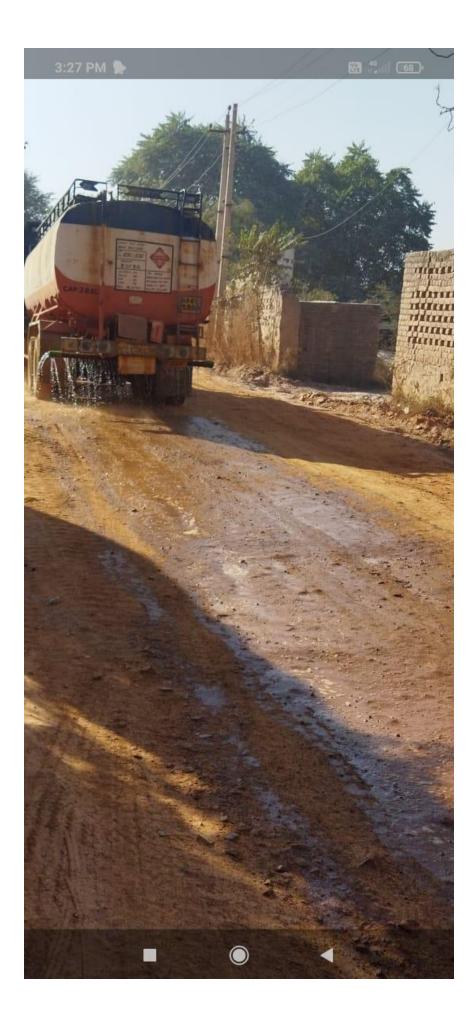












ASD-RKC J V KHERI BATTAR STONE MINES-2 CHARKHI DADRI, HARYANA

PHOTO OF ROAD IN MINING AREA











GUPTA NURSING HOME CHARKHI DADRI Near Rohtak Chowk, Charkhi Dadri Dr.S.C. Gupta M.B.B.S Mob.+91 9992174888 Ret. SMO HCMS 1 Dated 22/ 59/23 NIC Ref. No..... ing E have Bill for the Examination (Mediad up) Ser usup of red A Staff ASD RKCJV Stone Mines KkenBittan -2 Talel . pa had No y puso Ex. 400/-88001-1000/-Sample colleation. 2. Changes. 1000/vehicle charges. 3 XIL Doctor's Visit. 4 10800, Talip Suresh chans Gatha our al Eight Al undreep Aelt HO PNB Bank 700/002530 2.80 0577000/00253305 Reg. No. HN009383 IFC code PUNB 0057700 Puntah Netional Bank, Charkeni Dadi

(FORM - OI

(See rule 29F (2) and 29L) Report of medical examination under rule 29B in accordance with Form P1 of the Mines Rules 1955

ertificate No.....

Pertified that Shri/Shrimati*

SUG/OCD/116/23 nati* Ravi Keun an SJ Of Asloll Keeun, to be employed as trade apprentice trade In mines of SECL , Form B No/ Apprenticeship registration has been examined for an initial medical examination in accordance with form P1 of the Mines Rules 1955. He/she* appears to be Jorgears of age. The findings of the examining authority are given in the attached sheet. It is considered that Shri/Shrimati*..... (a)* is medically fit for any employment/ graduate/technician apprentice training in mines.

(b)* is suffering from and is medically unfit for

(1) any employment in mine; or

(2) any employment below ground; or

(3) any employment or work.....

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©* is suffering from...... he should get this disability* cured/controlled and should be again examined within a period of months-fie/She will appear for re -examination with the result of test of and the opinion of be permitted/not* permitted to carry on his duties during this period. Specialist from He/She may Space for affixing Passport

lize Photograph of the Candidate.

Signature of the examining authority (not below the rank of assistant civil surgeon) with soul

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ate: 22-09-22

* Delete whatever is not applicable.

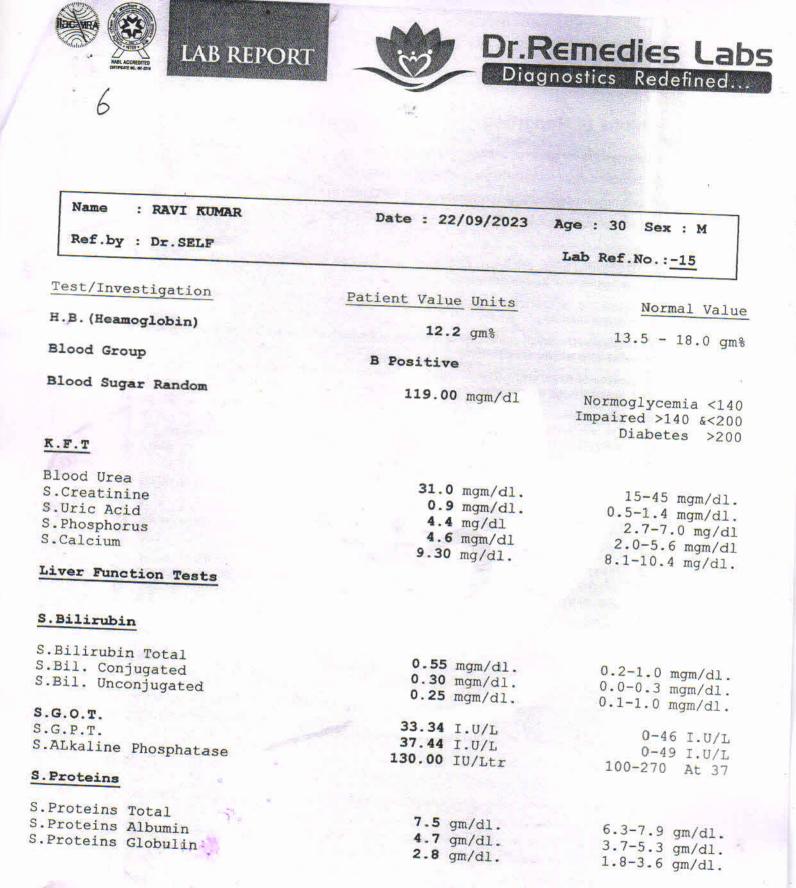
SMU From S) signation in Block letters Nameand

** One copy of the certificate shall be handed over to the person concerned for SECL and another conv shall be retained by the examining authority,

to be filled in for every medical examination whether	initial or after cure/control of disability).
Annexure to Certificate No. 106/ 25 result of	medical examination on
Identification Mark .: Black mah	Left thurs impression of the candidate
1. General development- Good/ Fair /P 2. HeightCms 59 3. Weightkg. 59 4. Eyes: 72KG	oor
(i)Visual acuity-Distant vision (with or without glasses	a).
Right eye	Left eye 6/6 Toat glann
(ii) Any organic disease of eyes	
(iii) Night blindness	
(iv) Color blindness	а у
(v)Squint	
(* to be tested in special cases)	2 10
(5) Ears	a 8
(I) Hearing: right ear. Manuf	Left ear Manuel
(II) Any organic diseases	
6. Respiratory system	
Chest measurement:	
(i) After full inspiration S.Gcms.	
(ii)After full expiration	
7. Circulatory system:	* ×
Blood Pressure 22/82	
Pulse	* * * * *
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sieen.... Al umor..... Nervous system: Paralysis A/O Skin WAD . Urine: Reaction...... NIL Albumin..... Sugar..... NAM 16. Ski gram of chest. 17. Any other test considered necessary by the examining authority. HIL 18. Any opinion of specialist considered necessary. Signature and seal of the examining authority (Not below the rank of assistant five surfront) Ref & RIO 4 615 2 Place: Ch Dader Name DRSC Sulla Designation Les Sho Henst Place of posting Ch Doclar Reg. No. HND09383 City/Town the Dach PO the Dachi Disrtrict. Cha De den State State Adaman Phone / Mobile No. 99999174888 Email Address



1st Floor, Titus Plaza,
 Sharma Commercial Complex
 Opp. Model House, Dwarakapuri Colony
 Punjagutta, Hyderabad-500082.
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 1st Floor, Indian Bank Building
 Opp. to SBI, Lady Curzon Road Shivaji Nagar - 1, Bangalore-560001.
 080 25584999

 2nd floor, A-9, C - Block Commercial Complex Naraina Vihar, New Delhi-110028.
 011 4909 6101

D No : 16-1-8, Coastal Battery Road, Near Collector Office, Maharanipeta, Visakhapatnam-530002

Sector 1, Kane Nagar, Antop Hill, Wadala (E) Mumbai - 400037. Maharastra.

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(FORM-O)

(See rule 29F (2) and 29L) Report of medical examination under rule 298 in accordance with Form P1 of the Mines Rules 1955

Certificate No.....S. [L] (Kn/Vas/23 Fertified that Shri/Shrimati* Surap kacun S/ & Besh dal to be employed as trade apprentice trade In mines of SECL , Form B No/ Apprenticeship registration Form P1 of the Mines Rules 1955. He/she* appears to be. 19. years of age. The findings of the examining authority are given in the attached sheet. It is considered that Shri/Shrimati*..... (a)* is medically fit for any employment/ graduate/technician apprentice training in mines. (b)* is suffering from and is medically unfit for

(1) any employment in mine; or

(2) any employment below ground; or

(3) any employment or work.

otre.

should be again examined within a period of months. He/She will appear for re -examination be permitted/not* permitted to carry on his duties during this period. Space for affixing Passport

Size Photograph of the Candidate.

Signature of the examining authority (not below the rank of assistant civil surgeon) with seal .

Mace ch Dader.

170 Ang viace ch Dader DRSC - Suphinities 22-09-23 Narde and designation in Block letters

* Delete whatever is not applicable.

Reg. No. HN009383

** One copy of the certificate shall be handed over to the person concerned for SECL and another copy

to be filled in for every medical examination whether initial or after cure/control of disability). SUGAJ KUMOL Good/ Fair /Poor 1. General development-2. Height.....Cms 5-5. 4819 Weight.....kg. d tyes (i)Visual aculty-Distant vision (with or without glasses). Left eye 6/4 Tochglaus Right eye....... 6/6 (ii) Any organic disease of eyes..... (iii) Night blindness..... (iv) Color blindness (v)Squint !* to be tested in special cases) (5) Ears 6. Respiratory system Chest measurement: 8 Abdomen: Tenderness..... Liver.....

	i.	Tang and
Jieen		• <u></u>
umor		
Nervous system:	14000	
History of fits or epilepsy		
Paralysis	8	
Mental health		
0. Locomotory system		
SkinFAN		
> 12 Hydrocele		
13. Hernia		
14. Any other abnormality		
Urine:		× .
Reaction		5.
Albumin		
Sugar		
16. Ski gram of chest. WAD		
17. Any other test considered necessary by the e	xamining authority. X	L
18. Any opinion of specialist considered necessar	Y NIL	7
	Signature and seaf of t	he examining authority
	(Not below the fank	Passistant civil surgeon)
Place: Ch Sailer	Acked!	SNM ANDOSSASSIS
Name DR SC-Gup 45-	V	
Designation det MUHCMS 2 Place	of posting	chi
City/Town Ch Daden po	11 0	
Disrtrict Ch Dady	State Halya	p
Phone / Mabile No. 299 2174 988		
Email Address		

- 1 Sp





Name : SURAJ KUMAR Ref.by : Dr.SELF	Date : 22/09/2023	Age: 18 Sex: M	
HOLDY . DE.SELF		Lab Ref.No.:-15	
Test/Investigation	Patient Will my		
H.B. (Heamoglobin)	Patient Value Units	Normal Valu	
Blood Group	11.8 gm%	13.5 - 18.0 gm	
A State of the Sta	O Positive		
Blood Sugar Random	121.60 mgm/dl		
		Normoglycemia <140 Impaired >140 &<200	
K.F.T		Diabetes >200	
Blood Urea			
S.Creatinine	31.0 mgm/dl.	15-45 mgm/dl.	
S.Uric Acid	0.9 mgm/dl.	0.5-1.4 mgm/dl.	
S.Phosphorus S.Calcium	4.4 mg/dl 4.6 mgm/dl	2.7-7.0 mg/d1	
.calcium	9.30 mg/dl.	2.0-5.6 mgm/d1	
Liver Function Tests	mg/ul.	8.1-10.4 mg/dl.	
Bilirubin			
.Bilirubin Total			
.Bil. Conjugated	0.55 mgm/dl.	0.2-1.0 mgm/dl.	
.Bil. Unconjugated	0.30 mgm/dl.	0.0-0.3 mgm/d1	
.G.O.T.	0.25 mgm/dl.	0.1-1.0 mgm/dl.	
.G.P.T.	33.34 I.U/L		
ALkaline Phosphatase	37.44 I.U/L	0-46 I.U/L 0-49 I.U/L	
Proteins	130.00 IU/Ltr	100-270 At 37	
Proteins Total	7.5 gm/dl.		
Proteins Albumin Proteins Globulin	4.7 gm/d1.	6.3-7.9 gm/dl.	
Stobulin	2.8 gm/dl.	3.7-5.3 gm/dl. 1.8-3.6 gm/dl.	
L.		gui di.	
10 11			
North Associates 🗚			

1 1st Floor, Titus Plaza, Sharma Commercial Complex Opp. Model House, Dwarakapuri Colony Punjagutta, Hyderabad-500082. © 040 2335 0611

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 080 25584999

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 Commercial Complex
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 New Delhi-110028.
 011 4909 6101

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(FORM - O)

Report of medical examination under rule 29B in accordance with Form P1 of the Mines Rules 1955 (See rule 29F (2) and 29L)

Certificate No. C/6 /CKD //04/23

ertified that Shri/Shrimati* AKLLESK Keening trade In mines of SECL . Form B No/ Apprenticeship registration ilip Vishoper Form P1 of the Mines Rules 1955. He/she* appears to be 1.9. years of age. The findings of the examining authority are given in the attached sheet. It is considered that Shri/Shrimati* (a)* is medically fit for any employment/ graduate/technician apprentice training in mines.

(1) any employment in mine; or

(2) any employment below ground; or (3) any employment or work.....

Bire

be permitted/not* permitted to carry on his duties during this period. Space for affixing Passport

ize Photograph of the Candidate.

Signature of the examining authority (not below the rank of assistant civil surgeon) with seal

lace.

Jate:

C-Sup 22-19-29 Name and design

* Delete whatever is not applicable.

th Dach.

** One copy of the certificate shall be handed over to the person concerned for SECL and another copy shall be retained by the examining authority,

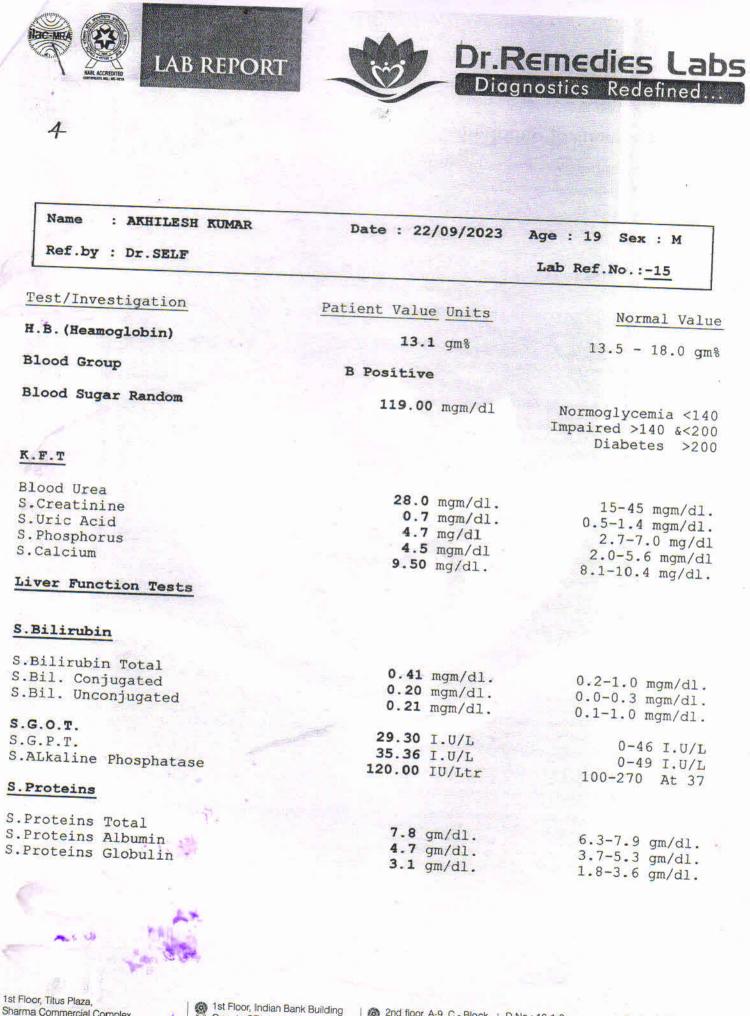
to be filled in for every medical ex	amination whether initial o	r after cure/control of disa	bility).
Annexure to Certificate No	$\frac{94/2}{as}$ result of medical	examination on	
	mark m		wade
Identification Mark	*	Left thumb impression of	the candidate
 General development- Height	Good/ Fair /Poor	Atthilesh	kungt
d Eyes			
(i)Visual acuity-Distant vision (with	h or without glasses).		
Right eye	66	Left eye 6 TO I	1-glarus.
To Any organic disease of eyes			* *
(iii) Night blindness			1 an N
(iv) Color blindness	ZAAN		
(v)Squint			
(* to be tested in special cases)		3	φ.
(5) Ears	nul	h Course	ρ
The second se	and the second s	tear	
(II) Any organic diseases	14		
6. Respiratory system			
Chest measurement:			
(i) After full inspiration			
(ii)After full expiration	Jcms.		
?. Circulatory system:			
Blood Pressure 126/8	24 kun gly		
Pulse	84 ken sty 54/nn	-2 - 90	
8. Abdomen:			
Tenderness	m		
Liver	*		8
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Same and the			
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Jieen	
umor AVAD	
Nervous system	
History of fits or epilepsy	
Paralysis	
wiental health	
. G. Locomotory system	
skin NDN	
> ? Hydrocele	
Hernia	
14. Any other abnormality	
Urine:	4
Reaction	
Albumin	
Sugar	
16. Ski gram of chest. NAD	
17. Any other test considered necessary by the exam	nining authority. Al.
18. Any opinion of specialist considered necessary.	AN'L
	Tim
	Signature and seal of the examining authority
	(Not below the rank of assistant civil surgeon
Place: Ch Dader	Red REGIME. HEPOPARES 1
Nome OR SC lather	
Designation fet INU HIM'S 2 Place of	posting. Ch. Dach",
City/TownCh. Dully PO	ch Declui
Disrtrict. Ch D a der	State Haugune
Phone / Mobile No	
Email Address	
	2 V. 10



Sharma Commercial Complex Opp. Model House, Dwarakapuri Colony Punjagutta, Hyderabad-500082. © 040 2335 0611

Opp. to SBI, Lady Curzon Road Shivaji Nagar - 1, Bangalore-560001. © 080 25584999 2nd floor, A-9, C - Block Commercial Complex Naraina Vihar, New Delhi-110028. © 011 4909 6101

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Sector 1, Kane Nagar, Antop Hill, Wadala (E) Mumbai - 400037. Maharastra.

(FORM - O)

Report of medical examination under rule 29B in accordance with Form P1 of the Mines Rules 1955

Certificate No. 5/6/ (Kn / 103/23. ertified that Shri/Shrimati*

Sachin S/ Sh Sikender. trade In mines of SECL , Form B No/ Apprenticeship registration orm P1 of the Mines Rules 1955. He/she* appears to be. 10. years of age. The findings of the examining authority are given in the attached sheet. It is considered that Shri/Shrimati*..... (a)* is medically fit for any employment/ graduate/technician apprentice training in mines. (b)* is suffering from and is medically unfit for

(1) any employment in mine; or

(2) any employment below ground; or (3) any employment or work.....

Afre

should be again examined within a period of months. He/She will appear for re -examination with the result of test of be permitted/not* permitted to carry on his duties during this period. Specialist from He/She may Space for affixing Passport

size Photograph of the Candidate.

Signature of the examining authority (not below the rank of assistant civil surgeon) with seal

Mace Ch Dalu DR SC-Gm/h vate: 22-69-23 Name and designation in Blocklepters

shall be retained by the examining authority,

** One copy of the certificate shall be handed over to the person concerned for SECL and another copy

Annexure to Certificate No	tial or after cure/control of disability).
	and charmination on man
Identification Mark. Scan maulla	the face heif
General development- HeightCms 5-/ Weightkg. 50KQ	estediation impression of the candidate
	*
(i)Visual acuity-Distant vision (with or without glasses).	
Right eye 676	Left eye 6/6 Toul gla
(ii) Any organic disease of eyes	
(iii) Night blindness	
(iv) Color blindness	45 T
(v)Squint	
(* to be tested in special cases)	
(5) Ears	2
(1) Hearing: right ear. Warne	after Name
(II) Any organic diseases	eft ear Namm
6. Respiratory system	
Chest measurement:	
(i) After full inspiration	
(ii)After full expiration	
7. Circulatory system:	
Blood Pressure 120/30 auca g hg	
Puise 72/mls	
8. Abdomen:	
Tenderness	
Liver	
-	
	2 (1) 2 8

	ieen.
	umor NAT.
	Nervous system:
	History of fits or epilepsy
	Paralysis. MO
	Mental health
	0. Locomotory system
	Skin MAN
5	2 Hydrocele.
	Hernia
	14. Any other abnormality
	G. Urine:
	Reaction
	Albumin

Sugar.....

16. Ski gram of chest.

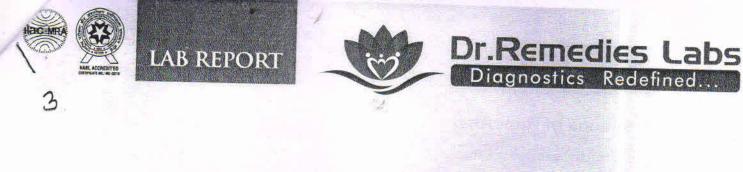
17. Any other test considered necessary by the examining authority. ${\cal M}^{\prime}$ L

WAD

18. Any opinion of specialist considered necessary. MIL

Signature and seal of the examining authority (Not below the rank of assistant civil surgeon) Ref. No. MOC. J.S.M. S.P.

n al Aclin	(NOT DELOWCHIE TANK OF AS
Place: Ch Darles	Reta. No.
Name DRSC-Guph-	
Designation bet SMO HIMS?	Place of posting
City/ Town Ch Dadu	po Ch Daily
Disrtrict. Ch Daden.	
Phone / Mobile No. 94 9 9 174 DE	83 1.
Email Address	



Name : SACHIN KUMAR Ref.by : Dr.SELF	Date : 22/09/2023	Age : 18 Sex : M
Nel.Dy : Dr.SELF		Lab Ref.No.:-15
Test/Investigation	Patient Value Units	Normal Value
H.B. (Heamoglobin)	13.5 gm%	13.5 - 18.0 gm
Blood Group	A Positive	
Blood Sugar Random	109.00 mgm/dl	Normoglycemia <140 Impaired >140 &<200
K.F.T		Diabetes >200
Blood Urea	00.0	
S.Creatinine	28.0 mgm/dl. 0.7 mgm/dl.	15-45 mgm/dl.
S.Uric Acid	4.7 mg/dl	0.5-1.4 mgm/dl.
S. Phosphorus	4.5 mgm/dl	2.7-7.0 mg/dl
S.Calcium	9.50 mg/dl.	2.0-5.6 mgm/dl 8.1-10.4 mg/dl.
Liver Function Tests		
S.Bilirubin		*
S.Bilirubin Total	0.41 mgm/dl.	0.0.1.0
S.Bil. Conjugated	0.20 mgm/dl.	0.2-1.0 mgm/dl.
S.Bil. Unconjugated	0.21 mgm/dl.	0.0-0.3 mgm/dl. 0.1-1.0 mgm/dl.
S.G.O.T.	20.20 7.04	
S.G.P.T.	29.30 I.U/L 35.36 I.U/L	0-46 I.U/L
ALkaline Phosphatase	120.00 IU/Ltr	0-49 I.U/L 100-270 At 37
.Proteins		2, AC 3/
.Proteins Total	7.9 gm/dl.	
.Proteins Albumin	4.7 gm/dl.	6.3-7.9 gm/dl.
.Proteins Globulin	3.2 gm/dl.	3.7-5.3 gm/dl. 1.8-3.6 gm/dl.
Charles 1		
A A A A A A A A A A A A A A A A A A A		

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 Sharma Commercial Complex
 Opp. Model House, Dwarakapuri Colony
 Punjagutta, Hyderabad-500082.
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 Naraina Vihar,
 New Delhi-110028.
 011 4909 6101

D No : 16-1-8, Coastal Battery Road, Near Collector Office, Maharanipeta, Visakhapatnam-530002

Sector 1, Kane Nagar, Antop Hill, Wadala (E) Mumbai - 400037. Maharastra.

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(FORM - 0)

Report of medical examination under rule 29B in accordance with Form P1 of the Mines Rules 1955

ertificate No. 5/6/(×カ/702/23

ertified that Shri/Shrimati*

Papper Lima Sol Ganesh Sin trade In mines of SECL . Form B No/ Apprenticeship registration has been examined for an initial medical examination in accordance with orm P1 of the Mines Rules 1955. He/she* appears to be 2 Oyears of age. The findings of the examining authority are given in the attached sheet. It is considered that Shri/Shrimati*..... (a)* is medically fit for any employment/ graduate/technician apprentice training in mines. (b)* is suffering from

and is medically unfit for (1) any employment in mine; 9

(2) any employment below ground; or (3) any employment or work.....

Btve

should be again examined within a period of months. He/She will appear for re -examination with the result of test of..... be permitted/not* permitted to carry on his duties during this period. Space for affixing Passport

Size Photograph of the Candidate.

Signature of the examining authority (not below the rank of assistant civil surgeon) with seal

Place Ch A and Pate:

Chadni DRSC-Gulli-22-03-23 Name and designation in Block Lasters

* Delete whatever is not applicable.

Reg. No. HN009383

** One copy of the certificate shall be handed over to the person concerned for SECL and another copy shall be retained by the examining authority,

to be filled in for every medical examination whether initial or after cure/control of disability).

as upper arin Scar mark on The Identification Mark..... Left thumb impression of the candidate General development-1. Good/ Fair /Poor Height 5 Cms3 HUY ONTIC I Eves tilVisual acuity-Distant vision (with or without glasses). Left eye 6/ Tout glann 612 Right eye Any organic disease of eyes..... tist Night blindness...... (iv) Color blindness (v)Squint (* to be tested in special cases) (5) Ears (1) Hearing: right ear Name Left ear Name (11) Any organic diseases..... 6. Respiratory system Chest measurement: (i) After full inspiration 37.cms. 7. Circulatory system: Blood Pressure 122/ So hun glig 72/M. Pulse..... 8. Abdomen: Tenderness..... Liver..... A . U

vieen	3.90
umor	-30
Nervous system	
History of fits or epilepsy	· · · ·
Paralysis	
viental health	
9. Locomotory system	14 E
Skin NPD	
> 12 Hydrocele HIL	
13 Hernia	A Company
14. Any other abnormality	
Urine:	
Reaction	
Albumin	- * -
Sugar	
16. Ski gram of chest NAD	
17. Any other test considered necessary by the ex	xamining authority. メルノ
18. Any opinion of specialist considered necessar	
	Signature and seal of the e
	(Not below the rank of ass
Place: Uh Dech	Lefer No. HNI
Name DASC Gufta	
	of posting. Ch. Darly
1	U. Dady
Pl. Dorahus.	
Phone / Mobile No. 7.9.9.4.17.4.8.88	State Hargant
Email Address	
	*

4

6. 64

fassistant civil surgeon) MMAESA HN009383

2			nostics Redefined
Name : PAPPU KUMAR Ref.by : Dr.SELF	Date : 22/09	/2023	Age : 20 Sex : M Lab Ref.No.:-15
est/Investigation	Patient Value U	nits	Normal Value
.B. (Heamoglobin)	12.6 g	m 8	13.5 - 18.0 gm?
Lood Group	B Positive		and and an and an
Lood Sugar Random	112.20 m	gm/dl	Normoglycemia <140 Impaired >140 &<200 Diabetes >200
lood Urea Creatinine Uric Acid Phosphorus Calcium	21.0 mg 0.7 mg 4.8 mg 4.6 mg 9.50 mg	gm/dl. g/dl gm/dl	15-45 mgm/dl. 0.5-1.4 mgm/dl. 2.7-7.0 mg/dl 2.0-5.6 mgm/dl 8.1-10.4 mg/dl.
ver Function Tests			
Bilirubin			
Bilirubin Total Bil. Conjugated Bil. Unconjugated	0.45 mg 0.20 mg 0.25 mg	m/dl.	0.2-1.0 mgm/dl. 0.0-0.3 mgm/dl. 0.1-1.0 mgm/dl.
G.O.T. G.P.T. ALkaline Phosphatase	32.33 I. 38.45 I. 150.00 IU	U/L	0-46 I.U/L 0-49 I.U/L 100-270 At 37
Proteins			
Proteins Total Proteins Albumin Proteins Globulin	7.9 gm 4.7 gm 3.2 gm	/dl.	6.3-7.9 gm/dl. 3.7-5.3 gm/dl. 1.8-3.6 gm/dl.

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(FORM - O) (See rule 29F (2) and 29L) Report of medical examination under rule 298 in accordance with Form P1 of the Mines Rules 195.

ertificate No. SCG/CAD/p/ erified that Shri/Shrimati* Rakesh Rawan Stobe employed as trade apprentice Rawan

trade In mines of SECL, Form B No/ Apprenticeship registratio: has been examined for an initial medical examination in accordance and imper. orm P1 of the Mines Rules 1955. He/she* appears to be 27 years of age. The findings of the examining authority are given in the attached sheet. It is considered that Shri/Shrimati* a)* is medically fit for any employment/ graduate/technician apprentice training in mines (b)* is suffering from

and is medically unfit for

(1) any employment in mine; or

(2) any employment below ground; or (3) any employment or work.....

B+VC

be permitted/not* permitted to carry on his duties during this period. Suace for affixing Passport

Jie Photograph of the Candidate.

Signature of the examining authority (not below the rank of assistant civil surgeon) with same

ice Ch Drden 110: 22-09-23

* Delete whatever is not applicable.

Name and

•• One copy of the certificate shall be handed over to the person concerned for SECL and another conv shall be retained by the examining authority,

to be filled in for every medical examination whether initial or after cure/control of disability). Annexure to Certificate No. 10//2a3result of medical examination on Black male on the tore head. Identification Mark... Left thumb impression of the candidate General development-1 Good/ Fair /Poor Height 4 Sms/ Weight . L.S. kg. RAKESH a type nivesual acuity-Distant vision (with or without glasses) Right eye..... 6/6 Left eye 6 6 Tout glans. Any organic disease of eyes..... (iii) Night blindness...... (iv) Color blindness (V)Squint (* to be tested in special cases) (5) Ears (1) Hearing: right ear. Maure Left ear. Namal (II) Any organic diseases. 6. Respiratory system Chest measurement: (i) After full inspiration 36 7. Circulatory system: Blood Pressure 120/ So una ghy Pulse 72 m 8. Abdomen: .iver.....

NPN

Nervous system:

leen.....

umor

History of fits or epilepsy.
Paralysis 10,
vientai health
D. Locomotory system
Skin NAN
Hydrocele. MIL
Hernia
1. Any other abnormality

Urine:

Reaction.....

Sugar.....

Place: cholach.

16. Ski gram of chest.

NAD

17. Any other test considered necessary by the examining authority.

18. Any opinion of specialist considered necessary

Signature and seal of the examining authority

1-11

(Not belaw the Pank of assistance wir surgeon) F

Name DR SC Guph-Designation Ret Sono Hems? Place of posting Ch. Daily City/Town Ch Dades PO Ch, Dades. Phone / Mobile No. 9392174858



LAB REPORT



Name : RAKESH RAWANI

Date : 22/09/2023 Age : 27 Sex : M

Ref.by : Dr.SE

Lab Ref.No.:-14

Test/Investigation

H.B. (Heamoglobin)

Blood Sugar Random

K.F.T

Blood Urea S.Creatinine S.Uric Acid S.Phosphorus S.Calcium

Liver Function Tests

S.Bilirubin

S.Bilirubin Total S.Bil. Conjugated S.Bil. Unconjugated

S.G.O.T. S.G.P.T. S.ALkaline Phosphatase

S. Proteins

S.Proteins Total S.Proteins Albumin S.Proteins Globulin

Blood Lipid Profile

Patient Value	Units
---------------	-------

11.9 gm%

120.40 mgm/dl

Normal Value

13.5 - 18.0 gm%

Normoglycemia <140 Impaired >140 &<200 Diabetes >200

23.0 mgm/dl. 9.0 mgm/dl. 4.2 mg/dl 4.5 mgm/dl 93.00 mg/dl.

15-45 mgm/dl. 0.5-1.4 mgm/dl. 2.7-7.0 mg/dl 2.0-5.6 mgm/dl 8.1-10.4 mg/dl.

0.40 mgm/dl. 0.15 mgm/dl. 0.25 mgm/dl.

21.22 I.U/L 29.33 I.U/L 140.00 IU/Ltr

> 7.6 gm/dl. 4.5 gm/dl. 3.1 gm/dl.

0.2-1.0 mgm/dl. 0.0-0.3 mgm/dl. 0.1-1.0 mgm/dl.

0-46 I.U/L 0-49 I.U/L 100-270 At 37

6.3-7.9 gm/dl. 3.7-5.3 gm/dl. 1.8-3.6 gm/dl.

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 Opp. to SBI, Lady Curzon Road
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Sector 1, Kane Nagar, Antop Hill, Wadala (E) Mumbai - 400037 Maharastra.

Customer Care : 77997 21212, 77997 10101 | www.remedieslabs.com

Form 59

[See rules 115 (2)]

		[See rules 115 (2)]		
Pollution Under	Control Certificate			
Authorised By :				
Government of Hary	/ana			
Date	· 24/12/2022			
	: 24/12/2022			
Time	: 12:57:57 PM			TO HERALISTOCION
Validity upto	: 23/12/2023	3		Sul-217-25
				E112787/12/12/12/22
Certificate SL. No.		: HR084003200008	359	
Registration No.		: HR841376		
Date of Registration		: 20/Jun/2019		
Month & Year of Manuf Valid Mobile Number	acturing	: February-2019 : ******0000		
Emission Norms		: BHARAT STAGE I	1	
Fuel		: DIESEL		
PUC Code		: HR0840032		
GSTIN		:		
MIL observation		: No		
Vahiela Photo	with Pogistration plat			
Vehicle Photo 60 mm x 30 m	with Registration plat	e	HR84 _ 1376	
	•		HR84 1376 Emission limits	Measured Value (upto 2 decimal places)
60 mm x 30 m	Pollutant (as	Units (as	1376	(upto 2 decimal
60 mm x 30 m sr. No.	m Pollutant (as applicable)	Units (as applicable)	1376 Emission limits	(upto 2 decimal places)
60 mm x 30 m Sr. No.	m Pollutant (as applicable) 2	Units (as applicable) 3	1376 Emission limits	(upto 2 decimal places)
60 mm x 30 m Sr. No. 1 Idling Emissions	Pollutant (as applicable) 2 Carbon Monoxide (CO)	Units (as applicable) 3 percentage (%)	1376 Emission limits	(upto 2 decimal places)
60 mm x 30 m sr. No.	Pollutant (as applicable) 2 Carbon Monoxide (CO) Hydrocarbon, (THC/HC)	Units (as applicable) 3 percentage (%) ppm	1376 Emission limits	(upto 2 decimal places)
60 mm x 30 m Sr. No. 1 Idling Emissions High idling	Pollutant (as applicable) 2 Carbon Monoxide (CO) Hydrocarbon, (THC/HC) CO	Units (as applicable) 3 percentage (%) ppm percentage (%)	1376 Emission limits 4	(upto 2 decimal places)

This PUC certificate is system generated through the national register of motor vehicles and does not require any signature.

Note : 1. Vehicle owners to link their mobile numbers to registered vehicle by logging to https://vahan.parivahan.gov.in

Authorised Signature with stamp of PUC operator 60mm x 20 mm

Form 59

[See rules 115 (2)]

Pollution Under Control Certificate

Authorised By :

Government of Haryana

Date	;	09/03/2023
Time	2	13:16:07 PM
Validity upto	:	08/03/2024



Certificate SL. No.	:	HR08400260004155
Registration No.	3	HR844332
Date of Registration	3	31/Mar/2020
Month & Year of Manufacturing		December-2019
Valid Mobile Number	:	******6893
Emission Norms	:	BHARAT STAGE IV
Fuel	÷	DIESEL
PUC Code	3	HR0840026
GSTIN	:	
Fees		Rs.100.00
		(GST to be paid extra as applicable)
MIL observation		No

Vehicle Photo with Registration plate 60 mm x 30 mm



Sr. No. Pollutant (as applicable)		Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
runng crinissions	Hydrocarbon, (THC/HC)	ppm		
	со	percentage (%)		
High idling emissions	RPM	RPM	2500 ± 200	
	Lambda	2	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	1.62	0.55
This PUC certif	icate is system generated t		register of motor ve	hicles and does
Note : 1. Vehicle ow	ners to link their mobile numbe	rs to constered vehicle	by logging to https://pu	ic.parivahan.gov.in
Authorised Signatur 60mm x 20 mm	e with stamp of PUC operator			

			Form 59	
		(S)	ee rules 115 (2)]	
Pollution Under Control Certificate Authorised By : Government of Haryana				
Date Time Validity upto		09/03/2023 13:19:45 PM 08/03/2024		
Certificate SL. No. Registration No. Date of Registration Month & Year of Manufacturin Valid Mobile Number Emission Norms Fuel PUC Code GSTIN Fees MIL observation	ng		HR08400260004156 HR842509 04/Dec/2020 October-2020 ******6893 BHARAT STAGE VI DIESEL HR0840026 Rs.100.00 (GST to be paid extra as applicable) No	
Vehicle Photo with 60 mm x 30 mm	Re	gistration plate	HR84 2509	

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
raing emissions	Hydrocarbon, (THC/HC)	ppm		
	СО	percentage (%)		
High idling emissions	RPM	RPM	2500 ± 200	
	Lambda Unde	-	1 ± 0.03	
Smoke Density	Light absorption coefficient	1/metre	0.7	0.6
This PUC certifi	cate is system generated t	hough the national r quire any signature.	egister of motor ve	hicles and does
Note : 1. Vehicle ow	ners to link their mobile numbe	rs to registered vehicle t	by logging to https://pu	c.parivahan gov in

Authorised Signature with stamp of PUC operator 60mm x 20 mm



ASD-RKC J V KHERI BATTAR STONE MINES-2 CHARKHI DADRI













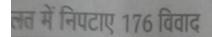
Newspaper Advertisement





ह बहिष्कार चेतना रेली निकालती छात्राएँ।

स्मर्थ दादरी : स्थानीय तेवन करणा वरिष्ठ माध्यमिक ह शामाओं ने पहलेज वस्तुओं के बरिष्कार का आम जन अन्य हैली निकाली। फाजाओं व स्टाया संदर्भ्यों ने दीपावली गामान का प्रयोग नहीं करने का संबद्ध भी लिया। इस कल सोसायटी के पटाधिकारी लिया कमार चेटमोहन गरी. वयाव, विष्णु कमार घेणन, अझोक बंसल, चेवरमेन



योग के मामने में हमार देव दिश्वर में सुमति प्राप्त है। येग को अपने जीवन का हिम्मा बगान जाता। उन्होंने विद्यालियों को सिंह बेल करने की प्रेमण दी। विद्यान प्रेरियोगित में शाम्बी मंदन प्रथम तथा प्रथांग सदन दुमरे स्थान पर रहा। स्कूल के निदेशने मुनालाल ग्रमां व प्रचान करेज़ शालेत ने ये सिद्यांवियों को बाग के महत्व की जानकारी दें। योग जिल्हा में, रोज कुलार के स्टाम ने स्वति बिंह मेंट कर सम्पतित किया। इस अवसा घा मांज कमार ऑम्त वर्षा कलवीत, पंकल जमा, सन्दीय गुमा, जगपुल, स्तीन्द, प्रदीप, जगभगतान, जवात्र ३ मान्द्र क धालावा स्कूल स्टाफ के सभी सदम्य मीतृद्व के।

1 1 1 1

The General Public is hereby informed that M/S. ASD RKC J.V. Having its corporate office 40, Laxmi Nagar, Near Sub City Centre, Hiran Magn, Sector - 8, Udaipur, Rejasthan - 313002 has been granted Environmental Clearance for its Stone Mirres, Khenbattar Plot - 2 at village - Khenbaltar, Tiensil - Charkhi Dadri, District Bhilwani (Hanyana) on land measuring 42.01 Ha by the SEIA Authority Harvana vide letter dated 4th October 2016 Nor SEIAA/HR 2016/875. The interest people may see it on the website at http://envfor.nic.in. It is also available at the Head Offlice of HSPC8-Panchkula.

ASD-RKC J V

No. of Safty Instrument Provided

Car or

S.No. Type of Safty Instrument		No	
1	Safety Helment	12	
2	Safety Shows	19	
3 Safety Jacket		24	
4	Nose Mask	41	

Forest Department, Government of Haryana O/o Additional P.C.C.F. cum Chief Wildlife Warden, Haryana Van Bhawan, C-18, Sector-6, Panchkula-134109 Phone/Fax 0172-2561224, E-mail- apccfwl@gmail.com

No. 2436

To.

Dated 6-7-16

M/s ASD-RKC JV 40, Laxmi Nagan, Near Sub City Centre, Hiran Mangri, Sector-8, Udaipur, Rajasthan.

Subject: Approval of the conservation plan for schedule-l species in the study area of Kheribattar-2 Stone Mine Project (Area-42.01 ha.) located in Khasra No. 139, 140, 141 min at village Kheribattar, Tehsil Dadri, District Bhiwani, Haryana.

The project site was inspected on 06-05-2016 by a team comprising Conservator of Forest (WL), Gurgaon, DFO (T), Bhiwani and DWLO, Hisar.

This is proposed Mining Project named as Sand Mining at Village Kheribattar-2, Tehsil Dadri District Bhiwani and M/s ASD-RKC JV is the applicant. Letter of intent has been issued by the Director Mines & Geology Department, Govt. of Haryana, vide Letter No. DMG/HY/ML/Kheribattar-2/2015/8562 dated 21-10-2015.

- 1 The proposed site (lease area) is situated at village Kheribatta-2 Thesil Dadri District Bhiwani. The total lease area is 42.1 ha located in khasra no 139,140'&141 min.
- 2 There is no National Park, Wildlife Sanctuary, Biosphere Reserve is project located in 10 Kms. Area in Haryana State (Map attached).
- 3 Main vegetation found in the area are Acacia leacophloea, Acacia nilotica Var. Indica, Acacia Senegal, Acacia tortilis, Ailanthus excels, Albizialebbek, Azadirachtaindica, Anogeissuspendula, Dalbergiasissoo, Eucalyptus camaldulensis, Ficusbengalensis, Ficusreligiosa, Holopteleaintegrifolia, Meliaazedarach, Prosopis cineraria, Prosopisjuliflora, Tecomella undulate, Zizyphusmauritiana etc.

All with the

 $= \sqrt{-N_{\rm ext}^2} \sqrt{-1} = -$

Prominent fauna of the area includes Peacock, Hare, Mongoose, Neelgai, jackal, Fox, Rat Snake, Indian Cobra, Monitor Lizard, Sand boa, Rock pigeon, Small Blue king fisher, Indian roller & Bee eater etc.

4

6

With respect to Biological Study of mining area & buffer zone of 10 Km. it is stated that the said area in Village Kheribattar-2, Distt. Bhiwani is situated in the Aravalli Hill Range. This chain of Aravalli hills & its surrounding Aravalli plantation area are wonderful habitat for Wildlife & is a part of corridor for wildlife movement on Aravalli chain. Main species found here are Chinkara, Hyena, Indian Fox, Jungle Cat, Peafowl & various reptiles such as Cobra, Krait & Monitor lizard etc. This area is an important ecological area as far as various flora & fauna is concerned.

The mining activities at proposed site will have negative impact on the local flora and fauna. The possible adverse impact includes hampering of natural & regeneration, uprooting of plants and rootstocks and disturbance & destruction and fragmentation of natural habitat of the local fauna, soil erosion in addition to other pollution hazard and degradation of natural resources.

The committee has perused the conservation plan submitted by the project proponent. The conservation plan (copy attached) prepared for Schedule-I and Schedule-II animal found in the area is in order hence acceptable as it includes all the necessary interventions required for the conservation of the local fauna included in schedule I and II of Wildlife Protection Act, 1972. The species of Schedule-I and Schedule- II includes Peacock, Hare, Mongoose, Neelgai, jackal, Fox, Rat Snake, Indian Cobra, Monitor Lizard, Sand boa, Rock pigeon, Small Blue king fisher, Indian roller & Bee eater. The interventions in the proposed conservation plan includes habitat improvement, protection education & awareness and eco-development in the surrounding villages and regular filling of water, Plantation and its maintenance in buffer zone area, Soil and Moisture Conservation works, Habitat improvement activities and food availability, Awareness generation of labour and local people, distribution of posters, pamphlets, fixing signages etc. The proposed conservation plan will be implemented in a phased manner with a total

cost of Rs. 21667000/¹ within a period of twelve years. You are hereby directed to deposit the conservation plan cost with DWLO, Hisar before implementation of work.

- 8 The clearance of the forest related laws, rules and instructions may be obtained from the Conservator of Forests (Forests Conservation).
- 9 The Project Proponent shall carry out mining operations strictly in accordance with the orders of the Hon'ble Supreme Court, dated the 4th August, 2006 in the matter of T.N. Godavaman Thirumulpad Vs. Union of India in Writ Petition (Civil) No. 202 of 1995 and dated the 21st April, 2014 in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 435 of 2012.
- 10 The project proponent will seek necessary/mandatory permissions from the other concerned department as applicable and will not violate the Hon'ble Court order, if any.
- 11. The project proponent shall furnish an undertaking on 100 rupees non judicial stamp paper regarding deposition of cost of conservation plan and other conditions mentioned in this letter. The undertaking must be duly signed by the authorized person of the firm and attested by notary.

Encl. Conservation Plan.

Addl. P.C.C.F. cum Chief Wildlife Warden, Haryana, Panchkula.

Endst. No.

A copy is forwarded to following for information & necessary action :-

Dated

- 1 CF (Wildlife), Gurgaon
- 2 DWLO, Hisar
- 3 DFO (T), Bhiwani.

Addl. P.C.C.F. cum Chief Wildlife Warden, Haryana, Panchkula.

Receiving



ASD - RKC J.V.

Phone +91-294-2483638 +91-294-2486274 Fax +91-294-2483830 Mob No. +91 70566 67112 +91 70566 67122

VILLAGE - KHERI BATTAR, TEHSIL - CHARKHI DADRI, DISTT. - CHARKHI DADRI (HR.)

Ref.

Date: 15 June,2023

To

The Director, Ministry of Environment, Forests& Climate Change, Northern Regional Office, Sector-31, Dakshin Marg, Chandigarh-160030

Sub: Submission of Six Monthly Compliance Report of Stipulated Conditions of Environment Clearance for proposed stone along with associates Minor Minerals at Kheribattar plot -2 over an area 42.01 Ha tehsil and District Charkhi Dadri, Haryana for Submission period of June - 2023.

Ref. No. 1. SEIAA/HR/2016/875 dated: 04.10.2016 2. 13-27/2016(ENV)/413 dated: 02.12.2019

Sir,

In accordance to the EC letter as above stated received from State Environment Impact Assessment Authority (SEIAA) vide letter SEIAA/HR/2016/875 dated: 04.10.2016. We are submitting herewith six monthly compliance report of stipulated conditions of Environment Clearance (Soft only) along with laboratory analysis results the specific and general conditions and relevant annexure.

We fully assure you that we will comply with all conditions as specified in the Environment clearance granted us.

For M/s ASD RKC JV. Sign Anthorised Signatory Manyana State Pollution Control Guard Sanjeev Kumar Singh Name -C-11, Sector-6, Panchkuda **Business** Head Designationsingh_sanjiv@rediffmail.com E-mail +91 98330 80030 Contact No.-

Copy to:

- 1. State Environment Impact Assessment Authority (SEIAA), Bay No. 55-58, Paryatan Bhavan, Sector-2, Panchkula, Haryana.
- . The Chairmen, Haryana State Pollution Control Board (HSPCB), Sector-6, Panchkula

40, Laxmi Nagar, Near Sub-City Center, Hiran Magri, Sec. 8, Udaipur - 313002 (Rajasthan) E-mail ID : rkckalyana@hotmail.com, info@rkcarriers.com

Receiving.



ASD - RKC J.V.

Phone +91-294-2483638 +91-294-2486274 Fax +91-294-2483830 Mob No. +91 70566 67112 +91 70566 67122

VILLAGE - KHERI BATTAR, TEHSIL - CHARKHI DADRI, DISTT. - CHARKHI DADRI (HR.)

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We fully assure you that we will comply with all conditions as specified in the Environment clearance granted us.

For M/s ASD RKC JV. essment Sigr Authorised Signatory 01 Date of Sanjeev Kumar Singh DD Name Designation-**Business** Head singh_sanjiv@rediffmail.com E-mail +91 98330 80030 Contact No.-

Copy to:

- State Environment Impact Assessment Authority (SEIAA), Bay No. 55-58, Paryatan Bhavan, Sector-2, Panchkula, Haryana.
- 2. The Chairmen, Haryana State Pollution Control Board (HSPCB), Sector-6, Panchkula

40, Laxmi Nagar, Near Sub-City Center, Hiran Magri, Sec. 8, Udaipur - 313002 (Rajasthan) E-mail ID : rkckalyana@hotmail.com, info@rkcarriers.com



हरियाणा HARYANA

10AA 142861

HAZARDOUS WASTE MANAGEMENT AGREEMENT

This Hazardous Waste Management Agreement is executed at Faridabad on this

28/06/2021 TO 27/06/2025 by and between

M/S ASD-RKC J.V., STONE MINE-2, VILL-KHERIBATTAR CHARKHI DADRI HARYANA (Hereinafter Referred to as "seller of Hazardous Waste" which Session shall unless repugnant to the context or meaning thereof shall mean and include its successors, representatives and permitted assignees etc.) of the **First Party**

AND

SATYAM PETRO CHEMICAL, a proprietorship firm having its place of business at plot no.-5, sec.-4, Industrial Area, Ballabgarh , Faridabad, Haryana. (hereinafter referd to as "purchaser of Hazardous Waste" which expression shall unless repugnant to the context or meaning thereof shall mean include its successors, representatives and permitted assignees etc.)" of the SECOND PART.

For Satyam/Petro Chemicals Proprietor

(The above mentioned Parties to this agreement shall also be collectively referred to as "**Parties**" and individually as "**Party**").

AND WHEREAS the Second Party has represented that they are the authorized, registered and licensed under Central Pollution Control Board and Haryana State Pollution Control Board and have a cost effective organization of Hazardous Waste to safely dispose generated waste oil and has requested to purchase the Used Lube Oil from the first party and First Party has accepted the request of Second Party on the terms and conditions set forth in this agreement.

AND WHEREAS it is deemed expedient to record the terms and conditions between the parties in this Agreement.

NOW THIS AGREEMENT WITNESSETH AND IT IS HEREBY AGREED, DECLARED COVENANTED AND RECORDED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS.

- 1. That the First Party has agreed to engage Second Party on terms and conditions contained hereinafter for selling used lube oil from First Party.
- 2. That Second Party will purchase the used oil from first parties as mentioned above sites at rates mentioned in this agreement.
- 3. That Second Party shall use its best skills and judgments and shall perform all services timely, diligently and to the reasonable scarification of the First Party in a whole.
- 4. That the Second Party shall provide the service diligently and in conformity with the applicable laws and regulations. Second Party shall carry out the service in under the supervision of employees of First Party.
- 5. That the services to be provided by the Second Party are detailed in this agreement. However it is expressly understood between the parties that scope of work is only indicative of the services to be provided by Second Party and not an exhaustive list of the services to be provided by Second Party and the First Party will be entitled to add more service in the scope of work.
- That Second Party undertakes to fulfill all the formalities and requirements of Government of India, Ministry of Environment and Forest and CPCB and other authorities.
- 7. That the Second Party will be responsible for collection of used oil at price indicated against each item hereunder.

rised sid

For Satyam Petro Chephcals Proprietor

THAT THE SCOPE OF WORK WILL BE AS UNDER:

- 1. That used oil will be sold to second party under the supervision of representative of First Party.
- 2. That the representative of the First Party shall observe the loading of the vehicle when used oil is taken from the Second Party. In Such case Second Party representative will accompany the truck during the time it is lifted from the sites.
- 3. That the clearance of the paper such as gate pass will be provided by the First Party.
- 4. That at the disposal site, waste will be stored as per the categorization and adequately segregated. All precautions shall be taken to avoid spillage of any kind and leaching to the soil. The Second Party shall ensure that the people handling hazardous waste have adequate training and knowledge of type of hazardous waste being handled.
- 5. The Second Party shall ensure that the vehicle for transportation of hazardous is in
- 6. perfect condition and the driver has valid driving license and other permission and necessary papers. If any of the transport is approved by State Pollution Control Board is there, then vehicle will be arranged from the transporting agency only.
- 7. That the Second Party will ensure that before loading all hazardous waste containers are labeled (as per form-8 of the rule).

8. That If any material is found to be taken out by Second Party except permitted than First Party have the sole right to cancel the agreement with immediate effect. The case will be handed over to First Party's Legal Staff for future action.

THAT THE SECOND PARTY UNDERTAKES AS UNDER:

- 1. That the Second Party represents that they have the specialization to handle Hazardous Waste, used oil and permission under Applicable Rule i.e. Hazardous Waste (Management and Handling) Rules 1989 Amended 2016.
- That the Second Party will ensure that the hazardous waste will be Loaded stored and copy of TERM card (as per Form-10 of the above mentioned Rule) be given. In case of any doubt, concern First Party's Officials may be asked for the clarification.
- That the Second Party will produce consent from respective State Pollution Control Board (Form -2) and the approval of the disposal site from Ministry of Environment & Forest.
 - 4. That the First Party will receive the 7copies of manifest from the Second Party as per form 10 of the above mentioned rule.

For ASD-F

For Satyam Petro Chemicals Proprietor

- Copy-1 (White): Copy 1 will be forwarded to SPCB/PCC by first party.
- Copy-2 (Yellow): Copy 2 will be retained by first Party.
- Copy-3 (Pink): Copy 3 will be returned by the First Party to second party.
- Copy-4 (Orange): Copy 4 will be returned to the transporter after accepting waste.
- Copy-5 (Green): Copy 5 will be forwarded to Pollution Control Board after disposal.
- Copy-6 (Blue): Copy 6 will be returned to First party after safe disposal.
- > Copy-7(Grey) : copy 7 will be submitted in case of other state transaction
- 5. That the Second Party undertakes to indemnify and keep indemnified the First Party in case of any misuse, mishandling, pilferage or spill over of the hazardous waste by the Second Party, its employee, agents and / or any authorized person thereof resulting in any penalty, liability and damages under any rule, regulation, Acts, Notification imposed by the authority concerned.

THAT THE PAYMENTS TERMS WILL BE AS UNDER:

1. The respective rates for used oil, payable by Second Party shall be as follows:-

S. No	Description	UOM	Unit rates
1	Used Oil (Without Water fill upto top)	(With Drum)	Rs 3000/ -(Per drum) GST Extra
2	(

a. All taxes excise duties, sales taxes, wherever applicable is mentioned in net prices.

- b. All Payments to be made in advance through Cheque/ Pay Order Deposit.
- C. The transportation and any other cost required for used oil collection will be borne by Second Party.
- d. First Party reserves its right to review the rates of the used oil items on periodic basis at its own discretion.

For ASD-RKC J.V.

For Satyan Petro Chemicals fyrar Proprietor

6. ARBITRATION:

In case of any dispute or differences of opinion that may arise out of the present agreemnt matter shall be settled by the parties by mutual negotiations to be concluded within 45 from the date of intimation of existence of dispute or differences of opinion, as the case by one party to the other party. the matter shall be settled through arbitrator both the parties shall appoint an arbitator each, and the two arbitators so appointed, shall apoint the third arbitator. The third arbitatoir shall be the presiding arbitator of the party. The arbitator shall be as per the arbitation and councillation Act, 1996. The venue of arbitation shall be at Faridabad. The arbitation proceedings shall be recorded in English the arbitation award shall be final and binding on both the parties.

7. LAWS GOVERNING THE AGREEMENT:

The present Agreement shall be subject to Indian laws, rules , regulations and notification.

8. AMENDMENTS:

Seller may, if required at any point of time make suitable change in the present agreement notice to the said purchaser.

9. JURISDICTION:

For all dispute arising out of this agreement the jurisdiction shall be with the courts at Faridabad.

10. If there will be more than 2 barrels then only our vehicle will come to pickup ur oil.
 IN WITNESS WHEREOFF. the parties have executed this agreement on the date first and written:

For ASD-RKC J.V.

For Satyam Petro Chemicals Proprietor



Phone +91-294-2483638 +91-294-2486274 Fax +91-294-2483830

VILLAGE - KHERI BATTAR, TEHSIL - CHARKHI DADRI, DISTT. - BHIWANI (HR.)

ASD - RKC J.V.

Ref.

Date : _____

Date: 13.08.2021

This is to certified that we have paid amount of Rs. 20,36,84,480/- (Rs. Twenty Crore Thirty Six Lacs Eighty Four Thousand Four Hundred Eighty only) towards rehabilitation and restoration (R&R) to Mines & Geology Department, Haryana from December 2016 to till now.

Thanks,

