

Birla Corporation Limited Unit: Satna Cement Works P.O.: Birla Vikas, Satna – 485005 Madhya Pradesh

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Ref No.: BCL/Birhuli Mines/MoEF, Delhi/EC compliance/2021-22/58 22.11.2021

To, Dy. Director General Forest (Central) Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No. 3, E/5, Ravi Shankar Nagar, <u>Bhopal – 462016 (M.P.)</u>

Sub:<u>Six monthly Environmental Clearance Compliance Status report of Birhuli Limestone</u> <u>mines for the period from April 2021 to Sept 2021.</u>

Ref: Environmental Clearance Letter No.J-11015/122/2005-IA.II (M) Dated 6thAugust, 2007.

Dear Sir,

With reference to aforesaid EC letter, we are furnishing below the point wise compliance status for your kind information:

EC Sr.	EC conditions	EC Compliance Status
No.		
(i)	The environmental clearance is subject to approval of the State Land use Department, Government of Madhya Pradesh for diversion of agricultural land for non-agricultural use	Mining Lease of Birhuli Limestone Mines was granted by Govt. of Madhya Pradesh on dated 11.2.2004and same was executed on 03.01.2006 for mining of limestone, Copy of grant order and lease deed is enclosed for reference as Annexure -1.
(ii)	All the conditions stipulated by the State Pollution Control Board in their NOC should be effectively implemented	All conditions stipulated by State Pollution Control Board in their NOC are already implemented. Copy of NOC vides letter no. 22342/TS/MPPCB/2004 dated 22.12.2004 and the detailed compliance status is enclosed as Annexure -2
(iii)	The mining operations shall be restricted to above ground water table and it should not intersect groundwater table. Prior approval of the Ministry of Environment & Forests and Central Ground Water Authority shall be obtained for mining below water table.	Mining operation is restricted to above ground water table. Prior permission will be taken for mining below water table.

A Specific Conditions



(iv)	The project proponent shall ensure that no natural watercourse shall be obstructed due to any mining operations.	No any natural water course is passing through mining lease area. Surface plan is enclosed for reference as Annexure -3 .
(v)	Top soil should be stacked with proper slope at earmarked site (s) only with adequate measures and should not be used for reclamation and rehabilitation of mined out areas.	Top Soil generated is concurrently used directly for green belt development. Top soil is generated during removal of soil overburden, which is spread over lease periphery for plantation. Trees are planted considering their suitability to the environment in the rehabilitated area. Top soil generated in last two year is 11270 and 4352 Cubic meter and same was utilized for plantation.
(vi)	The entire waste generated shall be concurrently backfilled and there shall be no external over burden dumps. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self- sustaining. Compliance status should be submitted to the Ministry of Environment & Forests and its Regional Office. Bhopal on six monthly basis.	The entire waste generated is temporarily stacked at earmarked area. Reclamation & Plantation is being done in phased manner as per approved Mining Plan. Six monthly Compliance status is regularly being submitted to MoEF& CC and RO, Bhopal.
(vii)	The void left unfilled in an area of 40.65 ha shall be converted into water body. 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.	At the end of Mines life void left unfilled shall be converted into water body by making slopes gentler for easy accessibility by local people to use the water body and also as per the condition laid down. Peripheral Fencing by earthen bund is being carried out. Photographs are attached as Annexure-4 .
(viii)	Catch drains and siltation ponds of appropriate size shall be constructed for the working pit, soil, temporary OB dumps, if any, and mineral dumps to arrest flow of silt and sediment. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly desilted, particularly after monsoon, and maintained properly. Garland drain of appropriate size, gradient and length shall be constructed for mine pit and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50	Catch drains and siltation ponds of appropriate size are constructed for the working pit to arrest flow of silt and sediment. Collected rain water is utilized for watering the mines area, roads and green belt development etc. Photograph of Siltation pond is attached as Annexure-5 . Garland drains of appropriate size, gradient & length are constructed. Photograph of garland drain is attached as Annexure -6 .



	in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits should be constructed at the corners of the garland drains and desilted at regular intervals.	
(ix)	Plantation shall be raised in an area of 8.45 ha including a green belt in the safety zone around the mining lease by planting the native species around ML area, reclaimed and backfilled area, around water body, roads etc. in consultation with the local DFO/ Agriculture Department. At least 1500 trees per year shall be planted and the density of the trees should be around 2500 plants per ha.	Plantation in 1.35 Ha has been done till date. From April to Sept,2021, we have planted 2400 nos. of saplings adjoining of Birhuli mines in Sagmania lease. Afforestation programme is being carried out with consultation of local Forest department, and as per their advice saplings, are being procured from various nursery & forest department nursery (receipt copy of saplings from forest department are attached as Annexure -7). Plantation is being carried out as per approved Mining plan. (Photograph of plantation is attached as Annexure -8)
(x)	Regular water sprinkling should be carried out in critical areas prone to air pollution and having high levels of SPM and RPM such as haul road, loading, unloading and transfer points and other vulnerable areas. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	Haulage road are adequately sprayed with water by sprinkler installed water tanker. Trees are planted on both side of road to arrest air borne dust. Our existing crusher are equipped with Bag Dust Collector, Pocket filters, Belt curtain at hopper etc. which ensure adequate suppressions of air borne dust in crusher with arrangement of water spraying at all transfer points. Photographs attached as Annexure – 9 . The Ambient air quality monitoring parameters are well within permissible limits of the proposed standard of SPM & RPM. Online AAQ Monitoring report is attached as Annexure-10 .
(xi)	The project authority should implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.	Mining operation started in 2009 and considering future water need and to recharge ground water table, Rain Water Harvesting Ponds were created to augment ground water resources in the mine out area.
(xii)	Regular monitoring of ground water level and quality should be carried out in and around the mine lease by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring should be carried out four times in a year - pre-monsoon	Ground Water level & Quality monitoring is carried out in & around mining lease area in all the four seasons. The monitoring Report is carried out four times in a year-pre-monsoon (April-May), Monsoon (August), post monsoon (November) & winter (January). All collected data is also sent regularly to concerned authority. Reference Sheet is attached. Online Water label



	(April-May), monsoon (August), post- monsoon (November) and winter	monitoring data by Piezometer is attached as Annexure-11 .
	(January) and the data thus collected may be sent regularly to Ministry of Environment and Forests, its Regional Office located at Bhopal, Central Ground Water Authority and Regional Director, Central Ground Water Board.	
(xiii)	Suitable rainwater harvesting measures on long term basis shall be planned and implemented in consultation with Regional Director, Central Ground Water Board.	As mentioned for compliance status of condition no. XIII, mining operation started in 2009 and over a period of time, the mine out pits are converted for Rain Water Harvesting by making trenches/slopes all around the pits to collect the rain water. Photograph of rain water harvesting is attached as Annexure-4 .
		In addition to above we have also constructed Ground Water Recharge structure to tune-up ground water level at Colony, Hospital and Nearby School, Villages etc. The details are follows: A) 15 Nos of Ground water recharge structures are constructed in Staff colony, SCW plant, R K Missionary School etc. B) 17 nos. are planned and work shall start shortly
		C) Under CSR Activities, Construction of check dams and pond deepening at 7 locations have completed with an expenditure of Rs. 38,06,500/- till date.
(xiv)	The project authorities shall obtain prior approval of the competent authority for drawl of groundwater, required for the project.	Presently water requirement for operational activities is being met from Rain Water Harvested in mines pit. No ground water is abstracted so far.
(xv)	The mineral handling plant should be provided with adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.	 Existing Crushers are equipped with Bag dust collectors, Pocket filters. De-dusting cyclones etc. which ensures adequate suppression of air borne dust in crusher and conveyor belt transfer points. There is also adequate arrangement of water spraying at crusher hopper and conveyor belts. Details are as follows: 1) Four nos. of BDC installed at crusher. 2) Water spraying system at Crusher hopper. 3) PVC curtain provided at Crusher hopper. 4) Water sprinkling system provided at transfer points.



		Water sprinkling on haul road by a dedicated
		water tanker.
		Photograph of belt curtains at hopper and water
		sprinkling at Crusher hopper and Conveyor belt.
		BDC at helt transfer point are attached as
		Annovuro.9
(1997)	Plasting aparation should be corriad	Plasting approximation is always corriad out only
(XVI)	out only during the daytime	blasting operation is always carried out only
	Controlled blasting should be	during daytime with controlled blasting method.
	practiced The mitigative measures	Monitoring of vibration is being done in regular
	for control of ground vibrations and to	interval with the help of new InstantelMicromate
	arrest fly rocks and boulders should	vibration monitoring equipment. Photograph of
	be implemented.	Micromate Vibration monitoring is attached as
		Annexure-12.
(xvii)	Drills shall either be operated with	Drill machines are equipped with water injection
	dust extractors or equipped with	system to suppress the dust and Dust collection
	water injection system.	system which is continuously operating to avoid
		dust getting airborne. Photograph of Drilling
		machine equipped with dust extraction system is
(2011)	The project propenent shall ensure	Attached as Annexure-13.
	monitoring of vibrations (peak article	vibration (Peak Particle velocity-PPV) is being
	velocity likely to be generated) with	InstantelMicromate and kent well within
	each blast	nermissible limits. Safe limit of PPV is 10
		mm/second as per recommendation given by
		DGMS, attached as Annexure-14 .
(xix)	Consent to operate shall be obtained	Complied.
	from the State Pollution Control Board	Consent to Operate from MPPCB is attached as
	before starting enhanced production	Annexure-15.
	from the mine.	
(xx)	Vehicular emissions should be kept	Vehicular emission is under control. Appropriate
	under control and regularly	measures are taken for maintenance of Heavy
	monitored. Measures shall be taken	Earth Moving Machinery, Hauling Vehicles ply
	for maintenance of vehicles used in	within ML area and are loaded as per OEM
	mining operations and in	recommendation & not overloaded Conv of
	transportation of mineral. The	Vehicular Emission test report is attached as
	vehicles should be covered with a	Approving 16
(La paulin and Shall not be overloaded.	Aimexule-10.
(XXI)	Digital processing of the entire lease	Digital processing by remote sensing technique of
	should be done regularly once in three	the entire lease is being done regularly once in
	vears for monitoring land use nattern	three years for monitoring land use pattern &
	and report submitted to Ministry of	report is being submitted to MoEF & its Regional
	Environment and Forests and its	Office. Copy of submission letter is attached as
	Regional Office.	Annexure-17.
(xxii)	Sewage treatment plant should be	Sewage Treatment Plant of 1080 KLD capacity is
	installed for the colony. ETP should	installed at staff colony to treat waste generated
	also be provided for workshop and	from colony. The treated water is used for green
	mine waste water.	belt development. STP is for cement plant.
		However in mines, domestic waste water is
		allowed to treat through septic tank.
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		Effluent Treatment Plant is installed to treat
		waste generated due to washing of HEMM is at
		Mines workshop and the treated water is used for
		plantation.
		No additional waste water is generated from
		mining process.
(xxiii)	A Final Mine Closure Plan along with	FMCP along with details of Corpus fund will be
	details of Corpus Fund should be	submitted to MOEF 5 years in advance of final
	submitted to the Ministry of	mine closure for approval.
	Environment & Forests 5 years in	
	advance of	
	final mine closure for approval.	

B General Conditions

EC Sr. No.	EC conditions	EC Compliance Status
(i)	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment and Forests.	There is no change in mining technology & scope of working. All working & reclamation activity is being carried out as per approved Mining Plan
(ii)	No change in the calendar plan including	Certified copy of Production plan isattached as Annexure 17A.There is no change in mining technology &
	excavation, quantum of mineral limestone and waste should be made.	scope of working. All working & reclamation activity is being carried out as per approved Mining Plan Certified copy of Production is attached as Annexure 17A
(iii)	Conservation measures for protection of flora and fauna in the core & buffer zone should be drawn up in consultation with the local forest and wildlife department.	Conservation measures for protection of flora & fauna in the core & buffer zone is taken up. Till date about 2.52 lacs saplings has been planted in core & buffer zone, which include majority of local species. Most of the plant saplings are from local Forest and Wild life Department. In addition to above Vermi compost is being used for plantation, in order to develop thick green belt in and around the mines area. Vermi composting is used and sprinkling system is also provided for plantation.
(iv)	At least four ambient air quality monitoring stations should be established in the core zone as well as the buffer zone for RPM, SPM, S02, NOx, and CO monitoring. Location of the stations	Four ambient air quality monitoring stations are already established for monitoring of PM10, PM2.5, SO ₂ and NO ₂ . Fortnightly ambient air quality monitoring



	should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets in consultation with the State Pollution Control Board. Data on ambient air quality (RPM, SPM, S02, NOx, and CO) should be regularly submitted to the Ministry including its Regional Office at Bhopal and to the State Pollution Control Board/Central Pollution Control Board once in six months.	data is enclosed. In addition to this 02 nos. CAAQMS has been installed at Quarry Station no.1 (In South direction) & Quarry Station no.2 (In North direction) and online AAQ data is transmitting continuously to CPCB & MPPCB. Third Party AAQ Report is enclosed as Annexure 19A .
(v)	Fugitive dust emissions from all the sources should be controlled regularly monitored and data recorded properly. Water spraying arrangements on haul roads, wagon loading, dumps, loading & unloading points should be provided and properly maintained.	Fugitive dust emission from all the sources is already under controlled, regular monitoring is being done & data recorded. Water spray system is provided at all dust prone areas & maintained regularly. Photograph of water spraying on roads to control fugitive dust is enclosed as Annexure-18 .
(vi)	Adequate measures should be taken for control of noise levels within prescribed standards. Workers engaged in blasting and drilling operations, operations of HEMM, etc., should be provided with ear plugs/muffs.	Adequate measures are taken for controlling noise level. Regular monitoring of the noise level is being done and found within the stipulated norms. Workers are provided ear plugs / muffs etc. where ever necessary. Third Party noise monitoring reports are attached as Annexure-19 .
(vii)	Industrial wastewater (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422(E) dated 19th May 1993 and 31st December 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of effluents from workshop.	The waste water generated at workshop is properly treated in ETP. Oil and Grease Trap is also installed to remove oil and grease. The treated water is used for plantation. The treated water quality meets the standards prescribed as per GSR 422 (E). There is no additional source of waste water generation from Mining operation. Third Party analysis report is attached as Annexure-20 .
(viii)	Acid mine water, if any has to be treated and disposed of after conforming to the standard prescribed the competent authority.	Not applicable Pyritic Sulphur content in Lime stone is very low. Hence no acid mine water is anticipated.
(ix)	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.	Person working in dust prone areas are provided with dust mask. Adequate training and information regarding Safety and health aspects is provided to them. OHS



	Occupational health surveillance programme of the workers should be undertaken periodically to observe any contractions due to exposure to radioactive mineral dust and take corrective measures, if needed. The same programme may be extended to adjoining villages also.	programme of the workers is under taken periodically. Training report attached as Annexure-21 . Occupational health & Safety surveillance programme as per mining act/rules is carried out regularly.
(x)	Environmental laboratory should be established with adequate number and type of pollution monitoring and analysis equipment in consultation with the State Pollution Control Board.	Fully equipped environmental laboratory is already in function and is working satisfactorily. Photographs attached as Annexure-22 .
(xi)	A separate environmental management cell with suitable qualified personnel should be set up under the control of a senior Executive, who will report directly to the Head of the organization.	Environmental Management cell comprises SD- Head, Environment Manager, Environmental Engineer and monitoring team. Well-equipped environmental laboratory of is established. Organization structure of Environment is attached as Annexure-23 .
(xii)	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purposes. Year-wise expenditure Should be reported to the Ministry of Environment and Forests and its Regional Office, Bhopal.	Environmental Expenses for the year 2020- 21 is attached as Annexure-24 .
(xiii)	The Regional Office of this Ministry located at Bhopal shall monitor compliance of the stipulated conditions. The Project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing requisite data/information/monitoring reports.	Complied
(xiv)	The project proponent shall submit six monthly report on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Bhopal, Central Pollution Control Board and State Pollution Control Board.	Regularly being submitted.
(xv)	A copy of the clearance letter will be marked to the concerned Panchayat /Iocal NGO, if any, from whom any suggestions/representation has been received while processing the proposal.	Complied
(xvi)	The project authorities should inform to the Regional Office located at Bhopal regarding date of financial closures and final approval of the project by the	Complied



	concerned authorities and the date of start of land development work.	Financial assurance is submitted to Indian Bureau of Mines along with Mining Plan for final mine closure. The date of start of land development work was intimated while obtaining CTE.
(xvii)	State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industry center and Collector's/Tehsildar's Office for 30 days.	Not Applicable
(xviii)	The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and may also be seen at web site of the Ministry of Environment and Forests at http://envfor.nic.in and a copy of the same should be forwarded to the Regional Office of this Ministry located Bhopal.	Advertisement had been published during EC process. Paper cutting is attached as Annexure-25 .

Hope the above furnished information's are in order.

With regards,

Yours faithfully, for BIRLA CORPORATION LIMITED Unit- Birhuli Limestone Mines

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Sunil Kasture Head - Sustainable Development



Copy to :

- Director
 Ministry of Environment, Forest & Climate Change (GoI)
 Indira Paryavaran Bhawan
 Jorbagh Road, New Delhi- 110003
- Member Secretary
 M.P. Pollution Control Board
 Paryavaran Parisar,E- 5,Arera Colony,
 Bhopal (M.P.) 462 016
- 3. Regional Director Central Pollution Control Board, Paryavaran Parisar, E-5, Arera Colony, Bhopal (M.P.) -462016

्रट्युद्धः हाश्म शमित ताश्न दिभाग तल्लग गलन,गङ्गलय, भोषाल

: अगदेवा :

भोपाल, दिनांध

कृमाक एफ 2-163/2001/12/2: यह कि जिला सतना के ग्राम बरिह्लों में निम्न अनुसार आवेदको हारा चूनापत्थर खनिज की खनि रियामत प्राप्त करने के लिए बरोजन पश्च प्रसाद किए गए :-

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2/ यह कि मेतर्त किरला जुट रण्ड इण्डस्ट्रीज लिमिटेड ध्रेम्समन में किरला कारपोरेशन लिमिटेड हे दारा जिला सतना के ग्राम किरहुली के जुल रकका 56.27 केटल देन वर चुनापत्थर अस्ति का अभिपटला स्वीकृत करने हेतु दिनांक 22.11. 1966 की आधेदन पत्र प्रस्तुत किया था आमेदित देन राज्य तरकार के इापन दिनांक 20.1964 से स्टील उपोग के लिए सुरक्षित होने के कारण आदेश कृतांक 3-125/87/ 12/1 विनोक 25.6.1987 से जिसरत किया गया जिसके किरद मेंद्री किरता जुट भारत सरकार, खान मंत्रालय के तमस पुनरी क्षा आदेदन इमांक 2/एगपी-6/89/एग-पांच मारत सरकार, खान मंत्रालय के तमस पुनरी क्षा आदेदन इमांक 2/एगपी-6/89/एग-पांच मारत सरकार, खान मंत्रालय के तमस पुनरी क्षा आदेदन इमांक 2/एगपी-6/89/एग-पांच मारत सरकार, खान मंत्रालय दारा अपने अंतिम आदेझ क्रेंगढ़ 328/99 दिवांक 16-12-1999 से खारिज कर दिया यद्यपि पारित आदेझ के सह जी उल्लेख किया गया कि पुनरीक्षणकारी आदेदल को उसके दारा स्थापित तीमेंट संयंत्र के लिए पुनाय त्यर की आपूर्ती करने के लिए अतिरिक्त चुनायत्यर की आवायकता है, उताः यदि राज्य सरकार के जुला योखित करती हे एवं पुनरीक्षणकार्त आवेदन पूर्व जन्य कार दार कार कुष्ठ कुरा दारा प्रस्तुत किर जाने काले व्यायकता है, उताः यदि राज्य सरकार के जुला योखित करती हे एवं पुनरीक्षणकार्ट आवेदन एवं जन्य यादन प्रस्ता हे तो उसके दारा प्रस्तुत किर जाने काले नथे आदेदन एवं जन्य

10.0 -19 अव कि राज्य आतम दारा दिनाके 15.10.1999 दो दो खाने रियायत जियमावली, 1960 के नियम 59 के जंतर्गत देन छुला दो फित करने की अधितुचना प्रकारित की गई है उत्तर्ग ग्राम विरहुली भी मामिल है । अधितुचना में यह भी उल्लेख किया, गुवा है कि दन देनों में उपलब्ध छनिज के आधार पर बड़े उपरिंग लंगाने हेए इप्टुक च्याक्तिया। को खनि रियायत देने में प्रवयसिकता दी जावेगी । अधितुचना के प्रकाशित होने के तीस दिवस बाद खनि रियायत स्वीकृत करने हेल उपरोक्तानुसार प्रविक्षण अनुहारित के त पर्व छनिवद्या के 3 कुल 9 जावेदन पत्र प्राप्त हुवे ।

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पर यह कि प्रकरण के निरायरण के लिए सभी आधेदकों को समक्ष में तुनवाई का ज़वलर प्रयोग किया।

अ तुनमाई दिनाक को लिरना कारपोरेशन की ओर यह अवगत कराया गया कि आवदित देव ग्राम खिरहुनी जिला सतना रकबा : 56.270 हैक्टर पर उन्हें पूर्व स्वीकृत खदान ते लगा हुआ है एवं वह निकट भविष्य में ही एक तीसरा लीमेंट प्लांट स्थापित करने जा रहे हैं जिसके लिए उन्हें अतिरिंक्त पुनापर्पर मंडार की आधायकता है। उन्हें केन स्वीकृत होम ते राज्य गासन को भी अतिरिक्त राजस्व प्राप्त होगा एवं. प्रदेश में शोमेंट उत्यादन को भी बहोस्तरी होगी। आतः उनके दारा उत्योग लगाने के आधार पर का उन्हें स्वीकृत करने का निवेदन किया।

अ सुनवाई दिनांक को मुकुन्द जायसवाल के दारा यह तर्क प्रतृत किया गवा कि अलोक टारा आपेदित के उनके परिवार की निजी भूभि है जो उने त्वीकृत की जाये। अन्य आयेदक बाद त्यना के अनुपरिधत रहे।

अह कि राज्य शासन दारा यह देव इस आधार पर कुना धोषित किया गया था कि जो आयेदक बड़ा उचीम त्थापित करेंगे उन्हें छनि रियायत देने में गांधमिकता दी जायेगी पूंकि मात्र मेंतर्स बिरला बारपोरेगन निमिटेड दारा ही कि और सीधेंड प्यांट स्थापित करने के निर चुनावत्थर की मांग की गई है। भारत बरकार दारा भी आयेदक के पूर्व रिजीजन आवेदन पत्र के निराकरण आदेश में आयेदक के अतिरिचत देव उपनव्य कराने का खुझाव भिया गया है। क्लेक्टर सतना दारा यह अवगत कराया गया है कि बिरला कारपोरेशन कि ारा खनियदटे में आयेतित धेव अवगत कराया गया है कि बिरला कारपोरेशन कि ारा खनियदटे में आयेतित धेव 138-62 स्वड देव में से मात्र ६-06 स्वड मूसि हा। जन्म आयेत्व जी मुकुन्द वायतवाल के माताजी की है म कि उत्तवी स्थंय का ओर न ही एडन्द जागल्याल जीतित क्षेत्र में उपलब्ध यनिज घर कोई उद्योग स्थरपित करने का वचन ही 8.4 यह कि इसील उहारेय के लिए ही आरधीत होकर छुला यो पाति किया गया है, अलः आदोत्ति येक में तूमापत्थर की उपलाडणता पूर्व ही प्रार्थित है। अतः गुर्वेदाण अनुवारित रहीकृत करने छेतु आवेदक क्रमांक। से 4,6 एवं 9 दारा प्रस्तुत आधादन पत्र एतद्वारा निरित्न किए जाते हैं।

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यह कि मेसर्स चिरता कारपरिशन लिमिटेड को खान रथे उनिज १ पिकाल रवे चिनियमन१ अधिनियम, 1957 की धारा 11858 के तहत सीमेंट उचीन स्थापित करने की शर्त पर प्राथमिकता देते हुथे जिला सतना तस्रीति रघुराजनगर के ग्राम चिरहुली के रक्षा 138-82 रकड़ देख पर चुनापत्थर खनिज का अनियटटा स्वीवृत करने का निर्णय लिया गया 1

10/ अलः राज्य शांसन दारा आवेदक को-नीचे दशगि विवरण/शली पर अभिषट्टा स्वीकृत किया जाता है -

१८३ अधोदक का नाम एवं पता

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8.2 रखी कुटा देख रगाँ पिगरण

मेसर्स किरता कारपोरेशन ति0 तीमेंट डिवीजन सतना म.9-ग्राम-किरहुली, जिला-सतना खसरा नेंबर-संगरन परिशिषट आ अनुसार रक्षा-138-82 स्कड़ चुनापल्थर

ीडिश्व अनिःशिका नाम 848 स्थीकृति की आंव'्यि

868

३० हेली ले हार्डा

158 फिगेडोलार्सट सर्वे आदि आवश्यक हो तो किया जाए

चूनापत्यर}गालेलहेडोलोमाइट की 'रिथति में-अनि रियायत नियमायलो, 1960 के अंतर्भत निथिरिति अनुबंध प्रात के के अण्ड ताल में शत कुमाक 21 के काद पूर्वे अनु के फार्म एक में जा- 9 अवाय-6384/12 दिनाक 24-11-1962 दारा त्यिति शत कुमाक 21 ए जोड़ी बाए 1

878 आधेत्व दारा सीमेंट उठीग रूथा ा किया जायेगा ।

यदि आवेदक को उपरोच्त वाते नाम्य हो तो निषमानुसार जमानत आदि हात्री जमा कराकर विभागीय वान्डु- एक 19-13/2001/12/2 दिनांक 31-1-2001 के निर्देशानुसार लीमांकन कराकर तथाणी जा स्तंभ तथापित करना सुनिधिदत कर व मार्थ में अनुसंध निष्ट्रपादित कर तो जियेदन, यह प्रमाप यह कि स्टीकृत देश के प्रायं में अनुसंध निष्ट्रपादित कर तो जियेदन, यह प्रमाप यह कि स्टीकृत देश के प्रायं सीमा रतंग स्थापित जान हो खनन कार्य की अनुसाल दी यह है, को प्रायं जियान के किसी को जाने 1

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11/ केन अभियदवा आवेदन पत्र के आधेदकों दारा अभियुषना अनुसार जिससे कि देख खुला मो फिल किया गणा था के अनुसार तो मेंट अथवा अच्य कोई खड़ा उन्होंग स्थापित नहीं करने के कारण रुवे देख उपलब्ध नहीं होने से एतददारा निरस्त किए जाते हैं।

> मध्यपुदेश के राज्यपाल के नाम से तथा आदेशानुसार, -हस्तीण हहाँ. विक्रम जे. एस. लाम्बा अवर तचिव मध्यपुदेश शासन खेनिज साथन विभाग

> > urare, featin 11/2/01)

g. g. Ru 2-163/2001/12/2

प्रतिविधि- कलेकटर, जलिए सलना म-प्रकी ओर सूचनार्थ एवं आत्वश्यक कार्यवाही हेतु

2- संगलक, भौभिकी तथा खनिकर्म म.पू.भोपाल
3- डागरेक्टर जनरल आफ माइंस सेप्टी धनवाद
4- कन्द्रोलर जनरत इंडियन च्यूरो ऑफ माइंस नागपुर
5- हेलीग खान नियंत्रक भारतीय खान ड्यूरो जवलपुर
6- जी अलय भिन्ना, पुत्र श्री आर. एन. मिन्ना, धावरी जिला सतनाम.पू.
7- श्री राध्येन्द्रकुमार अभवाल निवासी जैतवारा जिला सतनाम.पू.
8- मो.गाकव खान पुत्र श्री एम.एस. आन.दारा कलेक्टर जिला सतनाम.पू.

9- मेससं ग्रिज्य सीमेंट लिभिटेड ग्राम मनकहरी घो. बठिया जिला सतना म.पू. 10- मेससं जिरला कारपोरेशन लिभिटेड घो. बिरला विकास जिला सतना म.पू. 11- श्री मुग्रुन्द जायसवाल, जायसवाल भवन, कोलगांच जिला सतना म.पू. की ओर सचनार्थ।

अधर साधिय अधर साधिय मध्यपुदेश शासन, खनित्र साधन विभाग

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FORM-K 3733

MODEL FORM OF MINING LEASE

(See Rule 31)

30-12-2005 THIS INDENTURE made this between the 200 day of Governor of the President of India (hereinafter referred to as the State Governments which expression shall where the context so admits be deemed to include the successors and assigns) of the one, part, and -(Name of person with address and occupation)(hereinafter referred to as "The Lessee" which expression shall where the context so admits be deemed to include his heirs, executors, administrators, representatives and permitted assigns.

(Name of person with address and occupation) and <u>*</u> (Name of person with address and occupation) (hereinafter to be called as the lessee which expression shall where the context so admits be deemed to include their respective heirs, executors, administrators, representatives and their permitted assigns

(Name and address of partner) son of of son of of son of of son of

all carrying on business in partnership under the firm hame and style

referred to as 'The Licensee' which expression where the context so admits be deemed to include all the said partners their respective heirs,

in the town of

executors, legal representatives and permitted assigns).

Act 1932 (9 of 1932) and having their registered office

inta Corporation Lyd Cement division Satna

When the Lessee is a Registered Firm

of

at

Partnership/

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rar, Saul

When the

Lessee is an

individual

When the Lessee are more

than one individual

When the Lessee is a Registered Company



(Name of Company) a company registered under COMPANY'S Act 1956 under which incorporated) and having its registered office at 9/1 R.N. Mukherjee Road, Calcutta. (Address) (hereinafter referred to include its successors and permitted assigns) of the other part.

WHEREAS THE Lessee has/have applied to State Government in accordance with the mineral concession Rules 1960 (hereinafter referred to as the said Rules) for a mining lease for limestone. In respect of the lands described in Part I of the Schedule hereunder written and has/have deposited with the State Government the sum of <u>Rs.10,000/-</u> as security & the sum of <u>Rs.1,000/-</u> for meeting the preliminary expenses for a mining lease (and WHEREAS the Central Government has approved the grant of the lease)

WITNESSETH that in consideration of the rents and royalties covenants and agreements by and in these presents and the schedule hereunder written reserved & contained and on the part of the lessee/lessees to be paid observed and performed the State Government (with the approval of the Central Government) hereby grants and demises unto lessee/lessees.

All those the mines beds/veins seems of <u>LIMESTONE</u> (here the mineral or minerals) [hereinafter and in the schedule referred to as the said rals situated lying and being in or under the lands which are referred to in part 1 the said schedule, together with the liberties powers and privileges

For BIPLA CORPORATION LTD. (Coment Division)

गाहायक खोन अधिकारी सतना (गम.)

(Registered under the Indian

(hereinafter



to be exercised enjoyed in connection herewith which are mentioned in part II of the said Schedule subject to the restriction and conditions as to exercise and enjoyment of such liberty powers and privileges which are mentioned in part III of the said Schedule EXCEPT and reserving out of this demise upto the State Government the liberties, powers privileges mentioned in part IV of the said Schedule TO HOLD the premises here granted and demise unto the lessees form the .3. / day.1/.2006 for the term of .3 a years thence next ensuing YIELDING AND PAY therefore unto the State Government the several rents and royalties mentioned Part V of the said Schedule at the respective times therein specified subject to the provisions contained in Part VI of the said Schedule and lessee/ lessees hereby covenant with the State Government as in part VII of the said Schedule is expression and the State Government hereby covenants with the lessee/lessees as in part VIII the said schedule as expressed AND it is hereby mutually agreed between the part IX hereto as in part IX of the said Schedule is expressed.

IN WITNESS WHERE OF these presents have been executed in manner hereunder appearing day and year first above written.

The Schedule above referred to

PART-I

THE AREA OF THIS LEASE

Location and area of the lease:-

All that tract of lands situated at <u>BIRHULI</u> Description of area or are <u>56.270</u> <u>Hectare</u> in (Pargana) in Reghurajnagar the Registration Dist. Satna, Thana Kolgawan bear Cadastral Survey Nos. <u>KHASRA NO.</u> <u>ENCLOSED</u> containing an area of <u>56.270 Hectare</u> or there about delineated on the plan here to annexed and thereon coloured <u>RED</u> and bounded as follows.

On the North by -		VILLAGE BARIKALAN & BARAJ		

On the South by - VILLAGE ONLY PART OF BIRHULI

On the East by - PART OF BIRHULI VILLAGE

and

On the West by - VILLAGE NAINA

Hereinafter referred to as "the said lands"

PART-II

Liberties, powers and privileges to be exercised and enjoyed by the lessee/lessees subject to the restrictions and conditions in part III.

To enter upon land and search for win work etc. Liberty and power at all times during the term hereby demised to enter upon the said lands and to search for mine bore big drill for win work press process convert carry away and dispose of the said Mineral/minerals.

EN BIRLA CORPORATION LTD. ALL VALUES S. Committe . S. MARWAHI President

Company color-Mary 125 color-Mary 125 color-100 color 125 color 125 color-100 color 125 color 125

> नानों में स्वतितगत हम से आकर्ता के जना में स्वतितगत हम से आकर्ता के जना मां रहते हैं कि तसावाहीन के जिस्सा का जिस्साल का में कि जो के सी हैं और जन भाग का भाग होगी, मांग जन्म का रे जिस्साल का भाग होगी, मांग जन्म का रे जिस्साल

311- C5-BZ-

जांच पूर्वांवर विषयाहरू/विषयाहरू भी शिलायत थे विषया में उमें मुझी मुद्दी 2006 গাল মাহিতা..... .उप पंजीयक ्रतनंग

To sink drive & make pits shafts & incline etc.

To bring and use machinery equipment, etc.

To make roads and ways and use existing roads and ways

To get building and road materials etc.

To use water from streams etc.

To use land for staking heaping depositing purposes.

Beneficiation and conveying away of production.

To make coke [To be used in case of coal only)

- 2. Liberty and power for or in connection with any of the purpose mentioned in this part to sink drive make maintain and use in the said lands any pits shafts inclines drafts levels waterways airways and other works [and to use maintain deepen or extend any existing works of the like nature in the said lands].
- 3. Liberty and power for or in connection with any of the purposes mentioned in this part to erect construct maintain and use on or under the said lands any engines machinery plant dressing floors furnaces coke ovens brik-kilns workshops store houses bungalows godowns sheds and other buildings and other works and conveniences of the like nature on or under the said lands.
- 4. Liberty and power for or in connection with any of the purposes mentioned in this part to make any tramways, railways roads, landing grounds and other ways in or over the said lands and to use maintain and go and repass with or without horses cattle wagons aircrafts locomotives or other vehicles over the same (or any existing tramways railways roads and other ways in or over the said lands) on such conditions as may be agreed to.
- 5. Liberty and power for in connection with any of the purposes mentioned in the part to quarry and get stone gravel and other building and roads materials and clay and to use and employ the same and to manufacture such clay into brisk or tiles and to use such bricks or tiles but not to sell any such material bricks or tiles.
- 6. Liberty and power for or in connection with any of the purpose mentioned in this part but subject to the right of any existing or future lessees and with the written permission of Deputy Commissioner Collector to appropriate and use water from any streams water sources springs or other sources in or upon the said lands and to divert step up or down any such stream or water source and collect or impound any such water and to make construct and maintain any water-source culverts drains or reservoirs but not as to deprive any cultivated lands, villages, buildings or watering places for livestock of a reasonable supply of water as before accustomed not in any way to foul or pollute any streams or springs. Provided that the lessee/lessees shall not interfere with the navigation in any navigable stream or shall divert such stream without the previous written permission of the State Govt.
- 7. Liberty and power to enter upon and use a sufficient part of the surface of the such lands for the purpose of stacking heaping storing or depositing therein any produce of the mines or works carried on and any tools equipment earth and materials and substances dug or raised under the liberties & power mentioned in this part.
- (a) Liberty and power to enter upon and use a sufficient part of the said land to beneficiate any ore produced from the said lands and to carry away such beneficiated ore.
 - (b) Liberty and power upon the said lands to convert into coke any coal or coal dust produced from the said lands and of carry away such coke.

गहायक खीन अधिकान (न.म.) For, BIRLA CORPORATION LTD. Coment Division) HUNTS Works - 11 Vikasi Cemient 1 IP S. MARWAHI President

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To clear brushwood to fell and utilises trees, etc. 9. Liberty and power for or in connection with any of the purposes mentioned in this part and subject to the existing rights of others and save as provided in clause 3 of part III of this Schedule to clear undergrowth and brush wood and brush wood and to fell and utilise any trees or timber standing or found on the said lands provided that the State Govt. may ask the lessee/lessees to pay for any trees or timber felled and utilised, by him/them at the rates specified by the Deputy Commissioner Collector or the State Govt.

PART-III

Restrictions and conditions as to the exercise of the Liberties,

Powers and Privileges in Part - II

- No building or thing shall be erected set up or placed and no surface operations shall be carried on or upon any public pleasure ground burning or burial groundings place held sacred by any class of persons or any house or village site public road or other place which the State Govt. may determine as public ground not in such a manner as to injure or prejudicially effect any building work property or rights of other persons and no Land shall be used for surface operations which is already occupied by persons other than the State Government for works or purpose not included in this lease. The lessee/Lesses shall not also interface with any right of way, well or tank.
- 2. Before using for surface operations any land which has not already been used for such operations, the lessee/Lessees shall give to Deputy Commissioner/Collector of the District two calendar months previous notice in writing specifying the name or other description of the situation and the extent of the land proposed to be so used and the purpose for which the same is required and the said land shall not be so used if objection is issued by the Deputy Commissioner-Collector within two months after the receipt by him of such notice unless the objections so stated shall in reference to the State Government be annulled or waived.
- 3. The lessee/Lessees shall not without the express sanction to the Deputy Commissioner/Collector cut down or injure any timber or trees on the said lands but may without such sanction clar aweay any brushwood or undergrowth which interferes with any operations authorised by these presents. The Deputy Commissioner/Collector of the State Government may require the lessee/lessees to pay for any trees or timber felled and utilised by him/them at the rates specified by the Deputy Commissioner/ Collector of the District.
- 4. Not withstanding any thing in this Schedule contained the lessee/ lessees shall not enter upon any reserved forest included in the said lands without previous sanction in writing of the District Forest Officer not fell cut and use any timber or trees without obtaining the sanction in writing of that officer not otherwise than in accordance with such conditions as the State Government may prescribe.
- 5. The lessee/Lessees shall not work or allow to be worked or carried on any mining operations after to any point within a distance of 50 metres from any railway line except with the previous written permission of the Railway Administration concerned or beneath any ropeway or any ropeway trestle or station except under in accordance with the written permission of the authority site owing the ropeway or

BIRLA COMBATION LTD (Cherne C DON'S TPH willing MAHWAH President

रातामाठ खानि अधिकार बतना (न.म.)

No building etc. upon certain places.

Permission for surface operations in a land not already in use

To cut trees in unreserved lands

To enter upon reserved for lands

No Mining operations within 50 Meters of Public works etc.





Facilities for adjoining Govt. license & lease

To work other

minerals

from any reserved canal or other public work such as public road and buildings or inhabited site except with the previous written permission of the Deputy Commissioner/ Collector or any other officer authorised by the State Government in this behalf and other wise in accordance with such instructions, restrictive and condition either general or special which may be attached to such permission. The said distance of 50 metres shall be measured in the case of railway reservoir or canal horizontally from the outer toe of the tank or the outer edge of the cutting as the case may be and in case of a building horizontally from the plinth there of in the case of village roads no working shall be carried on within a distance of the 10 meters of the outer edge of the cutting except with the previous permission of Deputy Commissioner/ Collector or any other officer duly authorised by the State Government in this behalf and otherwise than in accordance with such directions, restrictions and additions, either general or special, which may be attached to such permission.

Explanation - For the purposes of this clause the expression 'Railway Administration shall have the same meaning as it is defined to have in the Indian Railway Act 1880, by clause(6) of section 3 of that Act, 'Public Road' shall mean a road which has been constructed by artificially surfaced as distinct from a track resulting from repeated use, Village road will include any track shown in the Revenue record as village road.

6. The lessee/lessees shall allow existing and future holder of Government licences or leases over any land which is comprised in or adjoins or is reached by the land held by the lessee/lessees reasonable facilities or access thereto.

PROVIDED THAT no substantial hindrance or interference shall be caused by such holders of licences or leases to the operations of the lessee/lessees under these presents and fair compensation [as may be mutually agreed upon or in the event of disagreement as may be decided by the state Government] shall be made to the lessee/lessees for loss or damage sustained by the lessee/lessees by reason of the exercise of this liberty.

PART-IV

Liberties, powers and Privileges reserved to the State Government

1. Liberty and Power for the State Government or to any lessee or persons authorised by it in that behalf of enter into and upon the said lands and to search for win work dig get raise dress process convert and carry away minerals other than the said minerals and any other substances and for those purpose to sink, drive, make, erect, construct maintain and use such pits shafts inclines drifts levels and other lines water ways, airways, water courses, drains, reservoirs, engine, engines machinery plant building canals tramways railways roadways and other works and conveniences as may be deemed necessary or convenient.

PROVIDED THAT in the exercise of such liberty and power no substantial hinderance, or interference shall be caused to or with the liberties powers and privilege of the lessee/lessees under these present and that fair compensation [as may mutually agreed upon or in consequence of disagreement as may be decided by the state Government] shall be made to the lessee/lesses for all loss or damage sustained by the lessee/lessees by reason or in consequence of the exercise of such liberty and power.

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For, BIRLA CORPORATION LTD. (Cement Division) In the interview

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To make Railways and roads



authorised by it in that behalf to enter into an upon the said lands and to make upon over or through the same any railways, roadways or pipe lines for any purpose other than those mentioned in part II of these presents and to get from the said lands stones gravel earth and other materials for making maintaining and repairing such railways tramways and roads or any existing railways and roads and to go and repass at all time with or without horses, cattle or other animals carts, wagons, carriages locomotives or other vehicles over or along any such Railways, tramways, roads lines and other ways for all purposes and as occasions may require provided that in the exercise of such liberty and power by such other lessee or person no substantial hinderance or interference shall be caused to or with the liberties powers and privileges of the lessee/lessees under these presents and that fair compensations as may be mutually agreed upon or in the event of disagreement as may be decided by the State Government shall be made to the lessee/lessees for all loss or damage substantial hinderance or interference shall be caused to or with the exercise by such lessee or person of such liberty and power.

2. Liberty and power for the State Government or any lessee or person

PART-V

Rents and Royalties Reserved by this lease

To pay dead rent or 1. The lessee shall pay for every year except first year of the lease royalty whichever is greater

Rate and mode or payment of dead rent

Rate and mode of payment of royalty

Payment of surface rent water rate

yearly dead rent as specified in clause 2 of this Part.

Provided that where the holder of such mining lease becomes liable under section 9 of the Act to pay royalty for any mineral removed or consumed by him or by his agent manager, employer, Contractor or sub-lessee from the leased area he shall be liable to pay either such royalty or dead rent in respect of that area whichever is higher.

- 2. Subject to the provisions of clause I of this part, during the substance of the lease the lessee/Lessees shall pay to the State Government annual dead rent for the lands demised and described in part I of this schedule at the rate for the time being specified in the third schedule to the Act in advance for the whole year on or before the 20th of the first month of the ensuing year in the District Treasury or Sub-Treasury.
- 3. Subject to provisions of clause I of this part, the lessee/lessees shall during the substance of this lease pay to the State Government royalty in respect of any mineral/Minerals removed or consumed from the leased area during a month by him/them, or his/their agent manager, employee contractor or a sub-lessee exempt as exempted under section 9 (2-A) of the Act, on or before the 20th of the ensuing month in the Division District Treasury or sub treasury at the rate for the time being specified in the second Schedule of the mines and Minerals (Regulation and Development act, 1957.
- 4. The lessee/lessees shall pay rent and water rate to the state government in respect of all parts of the said lands which shall from time to time be occupied or used by the lessee/lessees under the authority of the these presents at the rate of Rs. and Rs. respectively per annum per hectare of the area so occupied or used and in proportion for any area less than an hectare during the period from the commencement of such occupation or

OREA CO-DORATION LTD. (new initial) Norks ment MARWAH President

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use until the area shall cease to be occupied or used and shall as for as possible rent & the surface land so used to its original condition surface rent and water rate shall be paid as hereinbefore detailed in class 2. PROVIDED THAT NO such rent water rate shall be payable in respect of the occupation and use of the area comprised in any road or ways to which the public have full right of access.

PART-VI

PROVISION RELATING TO THE RENTS AND ROYALTIES

- 1. The rent water rate and royalties mentioned in Part V of this Schedule shall be paid free from any deductions the State Government at Satna and in such manner as the State Government may prescribe PROVIDED ALWAYS and it is hereby agreed that Rs.1000/- the balance standing to the credit of the lessee/leesses on account of the deposit made by him/ them as a licensee/licensees over area which included the said lands shall be retained and receipted by the State Government in satisfaction of the rents and royalties mentioned in part V until they reach that amount.
- royalties to be free from deductions etc.

Rent and

Mode of computation of royalty

Course of action if rents & royalties are not paid in time 2. For the purpose of computing the said royalties the lessee/lessees shall keep a correct account of the mineral/minerals produced and despatched the accounts as well as the weight of the mineral/minerals in stock or in the process of export may be checked by an officer authorised by the Central or State Government.

Here specify the mode of arriving at sale price, prices at pits mouth of mineral/minerals.

3. Should any rent, royalty or other sums due to the State Government under the terms and conditions of these presents be not paid by the lessee/lessees within the prescribed time the same together with a simple interest due thereon at the rate of 15% per annum may be recovered on a certificate of such officer as may be specified by the state Government by general or special order in the same manner as an arrear of land revenue.

PART-VII

The Covenants of the Lessee/Lessees

- The lessee/lessees shall pay the rent, water rate and royalties reserved by this lease at such times and in the manner provided in PARTS V & VI of there presents and shall also pay and discharge all taxes, rules, assessments and impositions whatsoever being in the nature of public demands which shall from time to time be charged/assessed or imposed by the authority of the Central and State Govt. upon or in respect of the premises and works of a like nature except demands for land revenues.
- The lessee/lessees shall at his their own expense erect at all time maintain and keep in repair boundary marks and pillars according to the demarcation to be shown in the plain annexed to this lease. Such marks and pillars shall be sufficiently clear of the shrubs and other obstructions as to allow easy identification.

For, BIRLA CORPORATION LTD. (Cement Division) Units/Satea Compat Works ement S. MARWARI President

LOWA CONTRACTION

Lessee to pay rents & royalties taxes etc.

To maintain & keep boundary mark in good order

To commence operations within two years and work in a workman-like manner

The lessee/ lessees shall commence operation within two years 3 from the date of execution of the lease and shall thereafter at all times during the continuance of this lease search for, win, work and develop, the said minerals without voluntary intermission in a skilful and workman-like manner and as prescribed under clause 12 hereinafter without doing or permitting to be done any unnecessary or avoidable damage to the surface of the said lands or the crops buildings structure or other property thereon. For the purpose of this clause operations shall include the erection of machinery, laying of a tramway or construction of a road in connection with the mine.

- 4. The lessee/lessees shall make and pay such reasonable satisfaction and compensation as may be assessed by lawful authority in accordance with the law enforce on the subject for all damage injury or disturbance which may be done by him/them in exercise of the powers granted by this lease and shall indemnity and keep indemnified fully and completely the State Government against all claims which may be any person or persons in respect of any such damage, injury or disturbance and all costs and expenses in connection there with.
- 5. The lessee/lessees shall during the subsistence of this lessee will and sufficiently secure and keep open with timber or other durable means all pits shaft and working that may be made or used in the said lands and make and maintain sufficient fence to the satisfaction of the State Government round every such pits shaft or working weather the same is abandoned or not and shall during the same period keep all working in the said lands except such as may be abandoned accessible free from water and foul air as far as possible.
- 6. The lessee/lessees shall strengthen and support to the satisfaction of the Railway Administration concerned or the State Government as the case may be any part of the mine which is its opinion reputes such strengthening or support for the safety of any railway reservoir, canal road and any other public work of structures.
- 7. The Lessee/Lessees shall allow any officer authorised by the Central Government to or the State Govt. In that behalf to enter upon the premises including any building excavation or land comprised in the lease for the purpose of inspecting, examining, surveying prospecting and making plans thereof sampling and collecting a date and the lessee/lessees shall with proper person employed by the lessee/lessees and acquainted with the mines and work effectively assist the officer, Agents, Servants and workman in conducting every such action and shall afford them all facilities information conducted with them the working of the mines which they may, reasonably require and also shall and will conform to and observe all orders and regulations which the Central and State Governments as the results of such inspection or otherwise may from time to time are fit to impose (No.M-11 169 (44 of Date 7.9.61).
- The Lessee/Lessees shall without delay send to the Deputy 8 Commissioner/ Collector a report or any accident causing death of serious bodily injury or serious to property or seriously affecting or endangering life, or property which may occur in the course of the operations under this lease.
- CORPORATION LTD. 1115 trent S. MARWAHI

President

equel

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To indemnify

Government against

all claim

To secure & keep good condition pit shafts etc

To strengthen and support the mine to

To allow inspection of working

> To report accident

necessary extent

To report discovery of other Minerals

accounts recording production & employees etc.

To maintain plans

etc.

To keep records & 10. The Lessee/Lessees shall at all time during the said terms keep or cause to at an office to be situated upon or near the said lands correct and intelligible accounts, which shall contain entries showing from time to time.

The lessee/Lessees shall report to the State Government the discovery leased area of any mineral not specified in the lease within sixty days of such discovery alongwith full particulars of the

nature and position of each such find. If any mine specified in the

lease is discovered in the leased area, the lessee/lessees shall not dispose of such mineral unless such mineral is included in the lease

- 1) Quantity and quality of the said mineral/minerals realised from the said lands.
- 2) Quantity of the various qualities or ores beneficiated or converted. (for coal converted into coke)
- 3) Quantity of the various qualities of the said mineral/minerals sold and exported separately.
- 4) Quantities of the various qualities of the said mineral/minerals otherwise disposed of and the manner and purpose of such disposal.
- 5) The prices and shall other particulars of said mineral/minerals.
- 6) The number of person employed in the mines or works or upon the said lands specifying nationality, qualifications and pay of the technical personnel.
- 7) Such other facts, particulars and circumstances as the Central or the State Govts, may from time to time require and shall also furnish free of charge to such officers and at such times as the Central and State Governments may appoint true and correct obstracts of all or any such books of accounts and such information and returns to all or any of the matters. aforesaid as the State Govt. may prescribe and shall at all reasonable times allow such officers as the Central Govt. or State Govt, shall in their behalf appoint to enter into and have free access to the said officer for the purpose of examining and inspecting the said books of accounts and to make copies thereof and make extracts therefrom.
- 11. The lessee/lessees shall at all times during the said term maintain at the mine office correct intelligible up-to-date and complete plans and section of the mines in the said lands. They shall show all the operations and workings and all the trenches, pits and drillings made by him/them in the course of operations carried on by him/them under the lease, faults and other disturbances encountered and geological data and all such plans and sections shall be amended and filled up by and from actual surveys to be made for that purpose at the end of twelve months or any period specified from time to time and the lessee/lessees shall furnish free of charge to the Central and State Govt. true and correct copies of such plans and Sections whenever these unto required. Accurate records of all trenches, pits and drillings shall show: -

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or a separate obtained thereof.



- a) The sub soil and strata through which they pass.
- b) Any mineral encountered.
- c) Any other matter of interest and all data required by the Central and State Governments from time to time.

The Lessee/Lessees shall allow any officer of the Central or the # State Government authorised in this behalf by the Central Government to inspect the same at all reasonable times. He/they shall also supply when asked for by the State Government the Coal Controller, Director Geological Survey of India Bureau of Mines a composite plan of the area showing thickness, dip inclination etc. of all the areas as also the quantity of receipts qualitywise.

- The lessee shall pay a wage not less than the minimum wage 11 A prescribed by the Central or State Government from time to time.
- The lessee shall comply with provisions of the Mines Act, 1952 11 B. and the rules made thereunder.
- 11 C. The lessee shall take measures for the protection of environment like planning trees, reclamation of land, use of pollution control device; and such other measures as may be prescribed by the Central or State Government, from time to time, at his own expense.
- 11 D. The lessee shall pay compensation to the occupier of the land on the date and in the manner laid down in these rules.
- 11 E. The lessee shall, in the matter of employment, give preference to the tribals and to the persons who become displaced-because of the taking up of mining operations.
- 12. The lessee/lessees shall be bound by such rules as may be issued from time to time by the Government of India under section 18 of the Mines and Minerals (Regulation and Development Act 1957 (Act 67 of 1957) and shall not carry on Mining or other operations under the said lease in any way other than the prescribed under these rules.
- 13. Unless specifically exempted by the State Govt. the lessee/ lessees shall provide and at all times keep at or near the pit head or each of the pit head at which the said minerals shall be brought to bank a properly constructed and efficient weighing machine and shall weigh or cause to be weighed thereon all the said minerals from time to time brought to bank sold exported and converted and also the converted products shall at the close of each day cause the total weights, ascertained by such means of the said minerals ores products raised sold exported and converted during the previous twenty four hours to be entered in the aforesaid books of accounts. The lessee/lessees shall permit the State Govt. at all times during the said term to employ any person or persons to be present at the weighing of the said minerals as aforesaid and to keep accounts thereof and to check the accounts kept by the lessee/lessees. The lessee/Lessees shall give seven days previous notice in writing to the Deputy Commissioner/ Collector or every such measuring or weighing in order that some officer on his behalf may be present thereat. raue
 - HEA CONF METION LTD. DYNS Diff artist

Act 67 of 1957

To provide weighing machine

that behalf by the State Govt. at any time or times during the said term to examine and test every weighting machine to be provided and kept as aforesaid and the weights used there with in order to ascertain whether the same respectively are correct and in good repair and order and if upon any such examination or testing any such weighing machine or weights shall be found incorrect or out of repair order the state Government may require that the same be adjusted repaired and put in order by at the expense of the lessee/lessees and if such requisition be not complied with within fourteen days after the same shall have been made; the State Government may cause such weighing machine or weights to be adjusted repaired and put in order and the expense of so doing shall be paid by the lessee/lessees to the state Government on demand and if upon any such examination or testing as aforesaid any error shall be discovered in any weighing machine or weights to the prejudice of the State Government such error shall be regarded as having existed for three calendar months previous to the discovery thereof from the last occasion of so examining and testing the same weighing machine and weights in case such occasion shall be within such period of three moths and the said rent and royalty shall be paid and accounted for accordingly.

14. The lessee/lessees shall allow any person or persons appointed in

- 15. The lessee/lessees shall make and pay reasonable satisfaction and compensation for all damage injury or disturbance of person or property situated both in private and Government land which may be done by or on the part of lessee/lessees in exercise of the liberties and power granted by these presents and shall at all times have harmless and keep indemnified the State Govt. from the and against all suits. Claims and demands which may be brought or made by any person or persons in respect of any such damage, injury or disturbances. In case of Govt. Land the lessees shall grant compensation equal to sixty or ninety times of land revenue (that may be assessed in case it has not been assessed) in case of lease upto 20 and 30 years respectively.
- 16. The lessee/lessees will exercise the liberties and powers here by granted in such a manner as to offer no unnecessary or reasonably avoidable obstruction or interruption to the development and working within the said land, of any minerals not included in this lease and shall at all times afford to the Central and State Government and to the holders of prospecting licences or mining lease in respect of any such minerals within any land adjacent to the said lands as the said lands as the case may be reasonable means to access and safe and convenient passage upon and across the said lands to such minerals for purpose of getting working developing and carrying away the same provided that the lessee/lessees shall receive reasonable compensation for any damage or injury which he/they may sustain by reason or in consequence of the use of such passage by such lessee or holders of prospecting licences.
- 17. The lessee/lessees shall not without the previous consent in writing of the State Government.

Transfer of lease

a) assign, subject, mortgage or in any other manner transfer the Mining lease or any right title or interest therein or



To allow test of weighing machine

To pay

compensation for injury or third parties

Not to obstruct working of other minerals

b) enter into or make any arrangement contract or understanding whereby the lessee/lessees will or may be directly or indirectly financed to a substantial extent by, or under which the lessees, operations or undertakings will or may be substantially controlled by any persons body of persons other than lessee/lessees.

Provided that the State Government shall not give its written consent unless -

- a) the lessee has furnished an Affidavit along with this application for transfer to the Mining lease specifying therein the amount that he has already taken or proposes to taken as consideration from the transferee
- b) the transfer of the Mining lease is to be made to a person or body directly undertaking Mining operations.
- 2) Without prejudice to the above provisions, the lessee/lessees may subject to the conditions specified in the proviso to rule 35 of the said Rules transfer this lease or any right, title or interest therein to a person holding a certificate of approval and an Income-Tax clearance certificate from the Income-Tax Officer concerned on payment of a fee of Rupees one Hundred to the State Government.

Provided that the lessee/lessees shall make available to the transferee the original or certified copies of all plans of abandoned working in the area and in a belt 65 metres wide surrounding it.

Provided further that where mortgage is an institution or bank or a Corporation specified in Schedule V it shall not be necessary for any such institution or bank or Corporation to hold the said certificate or Approval and the said Income-tax clearance certificate.

- 3) The State Government may, by order in writing determine the lessee a any time if the lessee/lessees has/have in the opinion so the State Govt. committed a breach of any of the above provisions or has/have transferred the lease or any right, title or interest therein otherwise then in accordance with clause (2) provided that no such order shall be made without giving the lessee/lessees a reasonable opportunity of stating his/their case.
- 18. The lessee shall not be controlled and the lessee/lessees shall not allow themselves to be controlled by any trust, syndicate, Corporation, Firm or person except with the written consent of the controlled by Central Govt. the lessee/lessees shall not enter or may be directly or indirectly financed by or under which the lessee/lessees operations or undertaking will or may be carried on directly by or indirectly or for the benefit of or subject to the Control of any Trust, Syndicate, Corporation, Firm or person unless with the written sanction given prior to such arrangement compact or understanding being entered into or made of the Central Government and any or every such arrangement compact or understanding as aforesaid (entered into or made with suction as

For, BIRLA CORPORATION LTD.	
(Cement Division)	
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(P. S. MARWAH)	1014
President	~ ()

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Not to be financed or a trusts Corporation firm of person aforesaid) shall only be entered into or made and shall always be subject to an express condition binding upon the other party or parties there to that on the occasion of a State of Emergency of which the president of India in his discretion shall be the sole judge it shall be terminable if so required in writing by the State Government and shall in the event of any such requisition being made be forth with thereafter determined by the lessee/lessees accordingly.

- 19. Whenever the security deposit of <u>Rs.10,000/-</u> or any part thereof or any further sum thereafter deposited with the State Government in replenishment, thereof shall be forfeited or applied by the Central or State Govt, pursuant to the power hereinafter declared in that behalf he lessee/lessees shall deposit with the State Government such further sum as may be sufficient with the unappropriated part thereof to bring the amount in deposit with the State Government upto the sum or **Rs.10,000/-**.
- 20. The lessee/lessees shall at the expiration or sooner determination of the said term or any renewal thereof upto the State Government all mines pits shafts inclines drifts levels waterways airways and on or under the said lands except such as have been abandoned with the sanction of the State Government and in any ordinary any fair course of working all engines, machinery, plant buildings, structures, other works and convenience which at the commencement of the said term whereupon or under that said land and all such machinery set up by the lessee/lessees below ground which cannot be removed without causing injury to the mines or work under the said lands except such of the same as may with sanction of the State Government have become discussed and all buildings and structures of bricks or stone erected by the lessee/lessees above ground level in good repair order and conditions and fit al respects for further working of the said mines and said minerals.
- 21. (a) The State Government shall from time to time and all times during the said term have the right (t) be exercised by notice in writing to the lessee/lessees laying in or upon the said lands, hereby demised or elsewhere under the control of the lessee/lessees and the lessee/lessees shall with all possible expenditure deliver all minerals or products or minerals purchased by State or pre-emption of the said minerals (and all products Government under the power conferred by this provision in the quantities at the time in the manner and at the place specified in the notice exercising the said right.
- (b) Should the right or pre-emption conferred by this present provision be exercised and vessel chartered to carry the minerals or products thereof procured on behalf of the State Govt. or the Central Govt. be detained on demurrage at the part of loading the lessee/lessees shall pay the amount due for demurrage according to the terms of the chartered party of such vessel unless the state government shall be satisfied that the delay is due to cause beyond the control of the lessee/lessees.
- (c) The price to be paid for all minerals or products of minerals taken in pre-emption by the State Govt. in exercise of the right hereby conferred shall be the fair market price prevailing at the time of preemption PROVIDED THAT in order to assist the arriving at the



राहायक सामे अधिकारी सारग (म.प.)

Lessee shall deposit any additional amount necessary



Delivery of working in good order to state Govt. after determination of lease

Right of pre-exemption

said fair market price the lessee/lessees shall if so required furnish to the State Governments for the confidential information of the Government particulars of the quantities descriptions and prices, of the said minerals or Products thereof sold to other customers and of charters entered into for freight or carriage of the same and shall produce to such officers as may be directed by the State Govt. original or authenticated copies of contracts and charter parties entered into for the sale of freightage of such minerals or products.

(d) In the event of the existence of a state of war or emergency (of which existence the President of India shall be the sole judge and a notification to this effect in the Gazette of India shall be conclusive proof) the State Government with the consent of the Central Got. shall from time to time all time during the said term have the right (to be exercised by a notice in writing of the lessee/lessees) forthwith take possession and control of the works

plant, machinery and premises of the lessee lessees on or in connection with the said lands or operation under this lease and during such position or control the lessee/lessees shall conform and obey all directions given by or o behalf of the Central Government of state Government regarding the or employment of such work plant, premises and minerals PROVIDED and fair compensation which shall be determined in default of Agreement by the state Government shall be paid to the lessee/lessees for all loss or damage sustained by him them by/reason or in consequence of the exercise of the power, conferred by this clause and PROVIDED also that the exercise of such powers shall not determine the said term hereby granted or effect the terms and provisions of those present further than may be necessary to give effect to the provisions of this clause.

- 22. The lessees shall not employ in connection with the mining operation any person who is not an Indian national except with the previous approval of the Central Govt.
- 23. If any of the works or matters which in accordance with the convenient in that behalf therein before contained are to be carried or performed by the lessee/lessees be not to carried out or performed within the time specified in that behalf, the State Government may cause the same to be carried out or preferred and the lessee/lessees shall pay the State Govt. on demand all expenses which shall be incurred in such carrying out or performance of the same sand the decision of the State Govt. as to such expense shall be final.
- 24. The lessee/lessees shall furnish
- (a) All geophysical data relating to Mining held or engineering and ground water surveys such as anomaly map plans logging collected by him/them during the course of mining operations to the Director, Geological Survey of India, Calcutta.
- (b) All information pertaining to investigation s of radio active minerals collected by him/them during course of mining operation to the Secretary Department of Atomic Energy, New Delhi)

Data or information referred to above shall be furnished every year reckoned from the date of commencement of the period of the Mining Lease.

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Employment of foreign national

Recovery of expenses incurred on the State Govt.

Furnishing of geophysical data

PART - VIII

The covenants of the State Government

any person rightfully claiming under it.

principles of the Land Acquisition Act.

 The lessee/lessees paying the rents and royalties hereby reserved and observing and performing all the covenants and agreements contained and on the part of the lease/lessees to be observed

and performed shall and may quietly hold and enjoy the rights and

premises hereby demised for an during the term hereby granted

without any unlawful interruption from or by the State Govt. or

If in accordance with the provision of Clause 4 of part VII of this

Schedule the lessee/lessees shall offer to pay to an occupier of the surface of any part of the said lands compensation for any damage or injury which may arise from the proposed operations of the lessee/lessees and the said occupier shall refuse his consent to the exercise of the right and powers reserved to the State Govt. and^e demised to the lessee/lessees by these presents and the

lessee/lessees shall report the matter to the State Govt. and shall deposit with it the amount offered as compensation and if the

Central and State Govt. are satisfied that the amount of

compensation offered is fair and reasonable or if it is not so satisfied and the lessee shall have deposited with it such further amount as the State and Central Govt. shall consider fair and reasonable the State Govt. shall order the occupier to allow the lessee/lessees to enter the land and to carry out such operations as may be necessary for the purpose of this lease. In assessing the amount of such compensation the State Govt. shall be guided by the

Lessee/Lessees may hold enjoy rights quietly.

2.

Acquisition of lands of third parties and compensation thereof

To Renew

3. The mining lease is renewable in terms of the provisions of the Act and the rules made thereunder.

Provided that the State Government may for reasons to be recorded in writing reduce the area applied for.

If the lease is in respect of minerals specified in First Schedule 'to the Act renewed will be subject to the prior approval of the Central Government.

If the lessee/lessees be desirous of taking a renewed lease of the premises hereby demised or any part or parts of them for a further term from the expiration of the term hereby granted and is otherwise eligible, he/they shall prior to the explanation of the last mentioned term give to the State Govt, six calendar months previous notice in writing and shall pay the rents, rates and royalties hereby reserved and shall observe and perform the several covenants and agreement herein contained and on the part of the lessee/lessees to be .. and performed upto the explanation of the term hereby granted. The State Govt. on receipt of application for renewal shall consider it in accordance with rule 280 the said rules and shall pass orders as it deem fit. If renewal is granted the State Govt, will at the expense of the lessee/lessees and upon his executing and delivering to the State Govt. if required a counterpart thereof execute and delivery to the lessee/lessees a renewed lease of the said premises or part thereof for the further to such covenants and agreements including the present covenants to renew as shall be in accordance with the mineral concession Rules 1960 applicable to LIMESTONE (Names of minerals) on the day next following the explanation of the term hereby granted.

For, BIRLA CORPORATION LTD. (Cement Division) (Cement Division) (Varks emient

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Liberty to determine the lease

- 4. The lessee/lessees may at anytime determine this lease by giving not less than 12 calendar month notice in writing to the State Government or to such officer, or authority as the State Govt. may specify i this behalf and upon the expiration of such notice provided that the lessee/lessees shall upon such explanation tender and pay all rents water rates, royalties compensation for damages and other moneys which may then be due and payable under these presents to the lessor or any other person or persons and shall deliver these present to the State Government then this lease and the said term and the liberties powers and privileges hereby granted shall absolutely lease and determine but without prejudice to any right or remedy of the lesser in respect of any breach of any of the covenants or agreements contained in these presents.
- 4A) The State Govt, may on an application made by the lessee permits him to surrender one or more minerals from his lease which is for a group of minerals on the ground that deposits of that mineral have since exhausted or depleted to such a extent that is so long as possible to work the mineral economically subject to the condition that the lessee.
 - Makes an application for such surrender of mineral at least six (a) months before the intended date of surrender and
 - given an undertaking that he will not cause any hindrance in (b) the working of the minerals so surrendered by any other person who is subsequently granted a mining lease for that Mineral.
- 5. On such date as the State Government may elect within calendar months after the determination of this lease or of any renewal thereof, the amount of the security deposit paid in respects of this lease and then remaining in deposit with the State Govt. and not required to be applied to any of the purposes mentioned in this lease shall be refunded to the lessee/lessees. No interest shall run on the security deposit.

PART IX

General Provisions

- 1. In case the lessee/lessees his/their transfer assignee do not allow entry or inspection by the officers authorised by the Central or State Govt. under Clause (1)(1) of (1) sub-rule (1) of rule 27 of said Rules the State Govt. shall give notice in writing to the lessee/lessees requiring him/them to show cause within such time as may be specified in the notice why the lease should not be determined and his/their security deposit forfeited and of the lessee/lessees fails to fall show cause within the aforesaid time in the satisfaction of the State Government may determine the lease and ... the whole or .. of the security deposit.
- 2. If the lessee/lessees or his/their transferring or assignee makes/make any default in payment of rent or water rate or royalty as required by Section 9 of the Act or commit breach of any of the conditions and covenants other than those referred to in clause (1) above the State Government shall give notice to the lessee/lessees requiring him/them to pay the rent water rate, royalty or remedy the breach as the case may be within sixty days from the date of receipt of the notice and if the rent, water rate and royalty are not paid or the breach is not remedied within such period, the State Government may without prejudice to any proceedings that may be taken against him/them determine the case and forfeit the whole or part of the the Minnelf

Refund of security deposit

Obstructions to inspection

Penalty in case of d-fault in payment h . http://www.seach



Penalty for repeated broachers to covenants

Failure to fulfill the terms of lease due to "Force Majeure"

Bessee/Lessees to Bessee/Lessee Bessee/Lessee Bessee/Lessee Bessee/Lessee Bessee/Lessee Bessee/Lesse Bessee Bessee/Lessee Bessee B

> Forfeiture of property left more than six months after determination of lease

> > Notice

- 4. Failure on the part of the lessee/lessee to fulfill any of the terms and conditions of this lease shall not give the central of State Government any claim against the lessee/lessees or be deemed breach of this lese in so far as such failure is considered by the said Government to arise from "Force Majeure" and if through "Force Majeure" the fulfillment by the lessee/lessees of any of the terms and condition of this lease be delayed the period of such delay shall be added to the period fixed by this lease. In this clause the expression "Force majeure" means Act of God, war, insurrection, slot, civil commotion, strike earthquake, tide, storm, tidal wage flood, lighting, explosion, fire earthquake and any other happening which the lessee/lessees could not reasonably prevent or control.
- 5. The lessee/lessees having first paid and discharged the rent and royalties payable by virture of those presents may at the expiration or sooner determination of the said term or within six calendar moths thereafter (uless the lease shall be determined under clauses 1and 2 of this part and in that case at any time not less than three calendar months not more than six calendar months after such determination take down and remove for his/their own benefit all or any engines, machinery, plant, building structure tramways, railways and other works, erections and convenience which must have been erected set up or placed by the lessee/lessees in or upon the said lands and which the lessee/lessees is are not bound to deliver to the State Government under clause 20 of Part VII of this Schedule and which the State Government shall not desire to purchase.
- 6. If at the end of six calendar months after the expiration or sooner determination of the said term under the provision contained in clause 4 of Part VIII of this schedule become effective there shall remain in or upon the said land any ²[ore or mineral] engines, machinery plant buildings structures tramways, Railways and other work erections and convenience or other property which are not required by the lessee/lessees in connection with operations in any other lands hold by him/them under prospecting licence or mining lease the same shall if not removed by the lessee/lessees within one calendar month after notice in writing requiring their removal has been given to the lessee/lessee by the State Government be deemed to become the property of the State Govt. and may be sold or disposed of in such manner as the State Govt. shall deem fit without liability to pay any compensation or to account to the lessee/lessees in respect thereof.

7. Every notice by these presents required to be given to the lessee/lessees shall be given in writing to such person resident on the said lands as the lessee/lessees may appoint for the purpose of receiving such notices and if there shall have been no such appointment then every such notice shall be sent to the lessee/lessees by registered post addressed to the lessee/lessees at ate addressed recorded in this lease or at such other address in India as the lessee/lessees may from time to time in writing to the State Govt. designate for the receipt of notices and every such service shall be deemed to be proper and valid service upon the lessee/lessees and shall not be questioned or challenged by him/them.

For, BIRLA CORPORATION LTD. (Cement Division) Units:Satna Cement Works Birla Vikas Cement (P. S. MARWAH)

President

सहायक राजी आहिका प्रदाय का (न.स.)

Cost from a type pay component E the any event the orders of the State Government a revised, renewed of cancelled by the Central Government in pursuance of proceedings timber Chapter VII of the mineral Concession Rules 1960 the leftee/lessees shall not be entitled to compensation for any loss statlaned by the lessee/lessees in exercise of the powers and rivilege conferred upon him/their by these presents.

E 5. The lease is executed at <u>SATNA</u> the capital town of the State of <u>Madhya Pradesh</u> (name of the State) and subject to the provision of Arucle 226 of the Constitution of India, it is hereby agreed upon by the lease and the lessor that in the event of any dispute in relation to the area and lease, condition of lease, the dues realizable under the lease and in respect of all matters touching the relationship of the lease and the lessor, the suits (or appeals) shall be filed in the civil matters at SATNA (name of the city) and it is hereby expressly agreed that neither party shall be competent to file a suit or bring any action of file any petition at any place other than the courts named above.

Section the purpose of stamp duty the anticipated royalty from the demised land Rs. 19,89,000 per year

MITNESS WHEREOF these presents have been executed in the minister hereunder appearing the day and year fist above written.

VITTIESS.

WITHES

Signed by

सतिय हे रहनि अधिकारी COLLECTOR.) सतना (नfor)and behalf of the Governor/President of India विक्रेस, इकेता/सहमातेवान किंग्रेस, इकेता/सहमातेवान के बस्पा काशाविजों को प्रमान-क

Signed by the lessee

For, BIRLA CORPORATION LTD. (Cement Division) Units:Satna Cement Works Birla Vikas Cement

ितयात उन्हे से जालता हूँ एवं उन्हि\$. MARWAH) तियात उन्हे से जालता हूँ एवं उन्हि\$. MARWAH) हिंग ही नापा झाललिजों को प्रसालित President

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It Pour ialuine -3 JAN 2006 आज लारीख.... -को पुरुतक क्रमांक..... ieSSO.]... is goo +104. किया गया । उप पंजीयक 4470 सतना / an Bay ধুৰমাত্ৰম তথ বজাৱত unan (2050) 0 H.H.H. Sub Registrat 3015/126 बुहाक गु⊽क... 214/94 771 रंजीयन . हक..... 10/21 ×4015 - Gan 200 A.H. 8 112 -1100 15 1 5 m. at with due affords (Rat 4] B..... nit for gramming avo द्वांग नव वर्त्तासक तुरुवालय उप प्रखाद्य पत्वा (मक्षक)

रता सतना क
BIRLA CORPORATION LIMITED (CEMENT DIVISION) SATNA

Khasra Schedule of Limestone Mining Lease area over an area of 56.270 Hectares in village Birhuli, Tehsil Raghuraj Nagar, District Satna (M.P.) (West side of the Satna Semariya Road)

SI.No.	Khasra No.	Area in Hec.	Area Re quired for Mining Lease in Hec.	Remarks
1	2	3	4	5
1	1	5.592	5.592	
2	2 `	0.142	0.142	
3	3	3.469	3.469	
4	5	0.579	0.579	
5	7	0.166	0.166	
6	11	3.784	3.784	
7	12	4.929	4.929	0.02
8	13	. 4.573	4.573	
9	16	1.214	1.214	
10	15	1.149	1.149	
11	9	0.595	0.595	
12	10/1	0.664	0.664	
13	10/2	0.664	0.664	
14	10/3	0.664	0.664	
15	10/4	0.668	0.668	
16	8	1.546	1.546	
17	14	1.137	1.137	
18	18/1	0.567	0.567	
19	18/2	0.567	0.567	
20	18/3	0.567	0.567	
21	18/4	0.563	0.563	
22	18/835/1	2.104	2.104	
23	18/835/2	0.700	0.700	
24	18/835/3	0.700	0.700	
25	18/835/4	0.700	0.700	
26	4/1A	0.028	0.028	
27	4/1B	0.028	0.028	
28	4/1C	0.109	0.109	
29	4/1D	0.028	0.028	
30	4/1E	0.109	0.109	
31	4/1F	0.028	0.028	<i>v</i> ₁ :
32	4/2	0.081	0.081	
33	4/3	0,162	0.162	
34	4/4	0.040	0.040	
35	4/5	0.040	0.040	
36	6/1A	0.040	0.040	
	17 × 15	0 081	0.081	
		0.081	0.081	
39	6/1D	0.081	0.081	
	C/1E	0.081	0.081	



SI.No.	Khasra No.	Area in Hec.	Area Acquired for Mining Lease in Hec.	Remarks
1	2	3	4	5
41	6/1F	0.162	0.162	
42	6/1G	0.162	0.162	10 E E E E
43	6/1H	0.162	0.162	
44	6/11	0.162	0.162	
45	6/1J	0.081	0.081	· · · ·
46	6/2	0.081	0.081	242
47	6/3	0.101	0.101	· 2 · · · · · · · · · · · · · · · · · ·
48	6/4	0.101	0.101	
49	17/1/1	0.251	0.251	
50	17/1/2/1	0.097	0.097	
51	17/1/2/2 «	0.105	0.105	
52	17/1/2/3	0.202	0.202	
53	17/1/3	0.008	0.008	
54	17/2	0.664	0.664	
55	71/1	0.336	0.336	
56	71/2	0.065	0.065	etter st
57	72/1	0.251	0.251	
58	72/2	0.057	0.057	1 N N N N N
59	73	0.384	0.384	
60	74	1.177	1.177	
61	75/1A	0.182	0.182	
62	75/1B	1.416	1.416	
63	75/2A/1	1.011	1.011	1.1
64	75/2A/2/1	0.283	0.283	
65	75/2A/2/2	0.040	0.040	
66	75/2A/2/3	0.040	0.040	
67	75/2A/2/4	0.040	0.040	
68	75/2B	0.182	0.182	
69	76	1.322	1.322	1 A .
70	77 /1/1A	0.036	0.036	
71	77 /1/1B	0.052	0.052	
72	77 /1/1C	0.052	0.052	· · ·
73	77 /1/1D	0.053	0.053	7
74	77:/1/1E	0.053	0.053	
75	77 /1/1F	0.053	0.053	λ
76	77%/1/1G	0.053	0.053	
77	77 /1/1H	0.053	0.053	
78	77/1/2/1	0.032	0.032	
79	77/1/2/2	0.182	0.182	
80	77/1/2/3	0.182	0.182	
81	77/2	0.801	0.801	
82	78/1	0.983	0.983	
83	78/2	0.405	0.405	8

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SI.No.	Khasra No.	Area in Hec.	Area Acquired for Mining Lease in Hec.	Rema	rks ·
	2	3	4	5	4
84	79	0.312	0.312		
85	80/1/1	0.353	0.353		
86	80/1/2	0.210	0.210		
. 87	80/2A	0.190	0.190		
88	80/2B	0.186	0.186		
89	80/2C	0.186	0.186		
90	81/1	0.405	0.405		
91	81/2A/1/1	0,133	0.133		
92	81/2A/1/2	0.081	0.081		
93	81/2A/1/3	0.081	0.081		
94	81/2A/2	0.101	0.101		
95	81/2A/3	0.101	0.101		
96	81/2A/4	0.081	0.081		
97	81/2A/5	0.081	0.081		
98	81/2A/6	0.081	0.081		
99	81/2A/7	0.081	0.081		
100	81/2B	1.417	1.417		
101	82/1A/2	0.081	0.081		
102	82/1A	0.142	0.142		
103	82/1A/2/2	0.202	0.202		
104	82/1A/2	0.069	0.069		
105	82/1A/2/1/2	0.040	0.040		
106	82/1A/2/1/1	0.040	0.040		
107	82/1A/1/1	0.121	0.121		
108	82/1A/1/2	0.202	0.202		
109	82/1A/1/3	0.202	0.202		
		56.276	56.270		-

For, BIRLA CORPORATION LTD. (Cement Division) Units:Satna Cement Works Birla Vikas Cement

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सहायवा चानि अधिलापि Rea (4.11.)

t (PLS. MARWAH) President (

o For

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MADHYA PRADESH POLLUTION CONTROL BOARD Paryawaran Parisar, E-5, Arera Colony, <u>BHOPAL-462016</u>

NO. 22.342 /TS/MPPCB/2004

Date: 22-12-04

M/s. Birla Corporation Ltd. [Unit: Birhuli Lime Stone Mines] P. O. Birla Vikas, SATNA - 485 005 (M.P.)

Sub: No Objection Certificate for obtaining Environmental Clearance from Govt. of India for Captive Lime Stone Mines at Birhuli, Teh. Raghurajnagar, Distt. Satna (M.P.)

Ref: Your application No. Nil dated: 27/05/2004 & dt: 08/06/2004

As per requirement under Environmental Impact Assessment Notification 1994 No. 60[E] dated: 27/01/94 [as amended on 04/05/94] and notification No. 319 [E] dated: 10/04/97. No objection certificate is hereby issued for proposed Captive Lime Stone shale mining project of 0.6 Million T/Year at khasra No. 109, Village: Birhuli, Teh. Raghurajnagar, Distt. Satna (M.P.), subject to following conditions.

- 1. The Mine discharge water/domestic waste shall be properly treated and shall fully utilized in plantation/sprinkoing or other useful purpose. No treated/untreated water shall be let out at any point of time into the surface water bodies. Treated effluent quality shall meets the standards prescribed by M.P. Pollution Control Board in gazette Notification, dated: 25/03/88.
- 2. Appropriate air pollution control equipments shall be installed at all points of emission and shall ensure that these are always kept running and in good working order all the time. Effective steps shall be taken to avoid fugitive emission during excavation of lime stone, its handling/crushing/transportation etc.
- 3. Water spraying arrangements shall be made on haul roads to control dust nuisance. Suitable arrangement for control of fugitive emission shall be made and shall ensure that the ambient air quality at the boundary of the factory premises shall conform to the following limits:

a.	Suspended Particulate Matter	500	Microgram/Cubic Meter
b.	Sulphur Dioxide [SO2]	120	-"-
с.	Nitrogen Oxides [Nox]	120	_"_
d.	Carbon Monoxide [CO]	5000	-"-

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MADHYA PRADESH POLLUTION CONTROL BOARD Paryawaran Parisar, E-5, Arera Colony, BHOPAL- 462016

- 4. Mine shall have to follow all the blasting norms as laid down by the Deptt. of Explosives & Director General of Mines Safety, GoI and other regulatory authorities to control noise, vibration and other environmental parameters.
- 5. Mines shall take proper action to control the noise pollution. The noise level should not exceed the limit 75dB[A] during the day time and 70dB[A] during the night time within the mine lease area.
- 6. Water table depletion study in and around the mining area shall be carried out by the reputed agencies at the earliest possible. All possible errorts including public awareness programmes shall be taken up for the ground water managment.
- 7. Mines shall take effective steps to check the soil erossion from waste material dumping area and possibility of siltation problem in nearby nalla/river pond during rainy season. All the slopes of external dumps of over burden should be maintained at a maximum of 28 degrees.
- 8. Mine shall start biological reclaimation on the internal and external dump areas as per MoEF guidelines and progress shall be intimated to the Board every year.
- 9. Extensive tree plantation shall be done in and around mining lease area. The tree plantation shall be carried out in phase manner preferably with local species in consultation with the expert agencies. Good house keeping practices shall be maintained.
- 10. Environmental Management Plan shall be prepared for mining activities. Mines shall submit On Site Emergency Plan duly approved by the concerned authorities.
- 11. Board reserves right to amend/cancel any of the above conditions as and when deemed necessary.

This "No Objection Certificate" is granted only for the purpose of obtaining Environmental clearance from Ministry of Environment & Forests, Govt. of India. This shall not be treated as consent under Water [Prevention & Control of Pollution] Act, 1974 and the Air [Prevention & Control of Pollution] Act, 1981.

Mine shall be required to obtain the following permissions from the Board prior to commencement of mine after obtaining Environmental Clearance from Govt. of India, Ministry of Environment & Forests.

NOC_se_hp



MADHYA PRADES'H POLLUTION CONTROL BOADD Farvawaran Parisar, E-5, Arera Colony, BHOPAL-462016

- (a) Consent under the Water (Prevention & Control (11) "I' on) Act, 1974.
- (b) Consent under the Ar (Control of ution) Act, 1981.
- (c) Member Respons
- (d) Authorisation under provisions of the common storage and impact of Hazardous Chemicals Rules, 1989 [as the nender in 2003].

i . 🤞 on 👘 felf of M.P. Poilution C 1 of Board (Dharmendra Shukla) & Member Secretary

Endt No. /TS/MPPC6/2004 Copy to:-

Date:

- 1. Secretary, Ministry of Environment & Forests, Govt. of India., New Delhi.
- 2. Regional Officer, M.P. Pollution Control Board, Satna.

S (Dharmendra Shukla) Member Secretary

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Annexure-2

Birla CORPORATION LIMITED

Compliance of NOC conditions issued by MPPCB, Bhopal for obtaining Environmental Clearance NOC No. : 22342/TS/MPPCB/2004, dated 22/12/2004.

Sr No	NOC conditions	NOC Compliance Status
1	The mine discharge water/domestic shall be properly treated and shall fully utilized in plantation/sprinkling or other useful purpose. No treated/untreated water shall be let out at any point of time into the surface water bodies. Treated effluent quality shall meet the standards prescribed by M.P.Pollution Control Board in gazette notification, dated 25/03/88.	The waste water generated from workshop is properly treated and segregated at ETP in different settling tanks. Clean water collected from ETP is used for plantation/sprinkling and it is not discharged outside the premises.
2	Appropriate air pollution control equipment's shall be installed at all points of emission and shall ensure that these are always kept running and in good working order all the time. Effective steps shall be taken to avoid fugitive emission during excavation of lime stone, its handling/crushing/transportation etc.	02 nos. Bag House, 04 Nos. Bag dust collector, 02 nos. cassettes filter and water spray arrangements are provided at crushers and belt transfer points to control the emission and the same is working efficiently. Belt curtains are also provided at the crushers to avoid fugitive dust during unloading of limestone. To control Fugitive dust during handling and transportation of limestone, 02 nos. water tankers of capacity 18000 & 7000 liters are exclusively engaged with water sprinkling system at mines for haul road.
3	Water spraying arrangements shall be made on haul roads to control dust nuisance. Suitable arrangement for control of fugitive emission shall be made and shall ensure that the ambient air quality at the boundary of the factory premises shall conform to the limits.	02 nos. water tankers of capacity 18000 & 7000 liters are exclusively engaged with water sprinkling system at mines for haul road. Water spray system is provided at all dust prone areas & is being maintained f regularly. In addition to this 02 nos. CAAQMS has been installed at Quarry Station no.1 (In South direction) & Quarry Station no.2 (In North direction) and online AAQ data is transmitting continuously to CPCB & MPPCB.

in an		Results are showing within the prescribed imits. Fugitive dust emission from all the sources is already under controlled; regular monitoring is being done by third party & data recorded.
4	Mine shall have to follow all the blasting norms as laid down by the deptt. of Explosives & Director General of Mines Safety, Gol and other regulatory authorities to control noise, vibration and other environmental parameters.	Blasting operation is always carried out as per the norms provided & done only during daytime with controlled blasting method, under proper supervision. Monitoring of vibration is being done in regular interval with the help of new Instantel Micromate vibration monitoring equipment.
5	Mines shall take proper action to control the noise pollution. The noise level should not exceed the limit 75 dB(A) during the day time and 70 dB(A) during the night time within the mines lease area.	Adequate measures are taken for controlling noise level. Regular monitoring of the noise level is being done and found within the stipulated norms.
6	Water table depletion study in and around the mining area shall be carried out by the reputed agencies at the earliest possible. All possible efforts including public awareness programmes shall be taken up for the ground water management.	Ground water study was done by M/s Maa Sharda consultant in year 2017 & Ground water consultant, Jaipur in 2019, reports are showing improvement in water table and core zone in safe category & buffer zone under semi-critical category as per their report.
7	Mines shall take effective steps to check the soil erosion from waste material dumping area and possibility of siltation problem in nearby nalla/river pond during rainy season. All the slopes of external dumps of overburden should be maintained at a maximum of 28 degrees	Being followed. Overburden dumps slopes are maintained properly & Plantation is done on dumps for stabilization.
8	Mine shall start biological reclamation on the internal and external dump areas as per MoEF guidelines and progress shall be intimated to the Board every year.	Being followed. Plantation of local species is done on dumps for stabilization.
9	Extensive tree plantation shall be done in and around mining lease area. The tree plantation shall be carried out in phase manner	Plantation is being carried out in phase manner as per approved Mining plan. Afforestation programme is being carried

	preferably with local species in consultation with the expert agencies. Good housekeeping practices shall be maintained.	but with consultation of local Forest department, and as per their advice saplings, are being procured from various nursery & forest department nursery. About 2.0 lacs plantation has been done within mining lease area. This year also we have planted 20,000 saplings within & outside Birhuli mining lease area.
10	Environmental Management Plan shall be prepared for mining activities. Mines shall submit On site Emergency Plan duly approved by the concerned authorities.	Environment Management plan is prepared and on-site emergency plan is also available.
11	Board reserves right to amend/cancel any of the above conditions as and when deemed necessary.	OK.



Water Reservoir



Siltation Pond





Photograph of Garland Drain





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T	पत्र विवरण	पौधा प्रजाति	पोली बैंग साईज	पौधे की औसल ऊँचाई	मात्रा	दर प्रति पौधा	राशि
1	07.07.2020	काला सिरस	15x25 cm	2 से 3 फिट	100	17.00	1700.00
-		जाम्न	20x30 cm	3 से 5 फिट	300	50.00	15000.00
		आवला	15x25 cm	2 से 3 फिट	100	30.00	3000.00
		सफेद खैर	15x25 cm	3 से 5 फिट	· 100	17.00	1700.00
		योग			600		21400.00
2	09.07.2020	करंज	15x25 cm	3 से 4 फिट	500	17.00	8500.00
	,	सीताफल	20x30 cm	3 से 4 फिट	50	50.00	2500.00
-		सफेद खैर	15x25 cm	3 से 5 फिट	400	17.00	6800.00
		आम	20x30 cm	2 से 3 फिट	50	50.00	2500.00
		योग			1000		20300.00
3	18.07.2020	सागौन	15x25 cm	3 फिट	1000	17.00	17000.00
		योग			1000		17000.00
4	22.07.2020	करज	15x25 cm	3 से 4 फिट	300	17.00	5100.00
		पेल्टाफार्म	15x25 cm	2 से 3 फिट	200	17.00	3400.00
		काला सिरस	15x25 cm	2 से 3 फिट	200	17.00	3400.00
	-	काला सिरस	20x30 cm	3 से 4 फिट	100	50.00	5000.00
		पेल्टाफार्म	20x30 cm	4 से 6 फ़िट	50	50.00	2500.00
		पापुलर	20x30 cm	5 से 7 फिट	150	50.00	7500.00
		योग			1000		26900.00
5	28.07.2020	अर्जुन	15x25 cm	2 से 3 फिट	500	30.00	15000.00
		कपोक	15x25 cm	3 से 4 फिट	100	17.00	1700.00
1		जामुन	20x30 cm	3 से 5 फिट	200	50.00	10000.00
		सफद सिरस	15x25 cm	2 से 3 फिट	50	17.00	850.00
		अमरूद	15x25 cm	3 से 5 फिट	50	30.00	1500.00
		सागान	15x25 cm	3 फिट	100	17.00	1700.00
		योग			1000		30750.00
6	30.07.2020	पल्टाफाम	15x25 cm	3 से 4 फिट	500	17.00	8500.00
		काला सिरस	15x25 cm	2 से 3 फिट	200	17.00	3400.00
-		गुलमाहर	15x25 cm	2 से 3 फिट	200	17.00	3400.00
		कपाक	15x25 cm	3 से 4 फिट	100	17.00	1700.00
-		योग			1000		17000.00
		कुलयोग			5600		133350.00

सामान्य सुविधा केन्द्र सोनौरा अंतर्गत संचालित नर्सरी से वर्ष 2020-21 के दौरान स्वयं सहायता समूह सोनौरा द्वारा तैयार किये गये पौधों को बिरला कर्पोरेशन लिमिटेड सतना को प्रदाय का विवरण

Plantation at Mines



Bag Dust Collector with Stack



Belt curtain at hopper



Fully Covered Crusher House with Bag Dust Collector



Madhya Pradesh Pollution Control Board -Environmental Surveillance Center Paryavran Pariax, E-S, Area Colony, Bhopal-482016 (M.P.) Ph: 0755-246180, Fax: 0755-24474, E-mail: encodeginclin, Web : www.ercm.p.gov.in Real Time Data Acquisition And Monitoring

Average Report

				Industry Name : R.O. :	Satna 15 min
	one Mines	Apr,2021			
	Quarry_Station_1- CO(mg/m3)	Quarry_Station_1- NOx(ug/m3)	Quarry_Station_1- PM2.5(ug/m3)	Quarry_Station_1- PM10(ug/m3)	Quarry_Station_1-SO2(ug/m3)
Prescribed Standards	0 - 4	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	0.84	26.83	52.90	85.96	37.25
Minimum Data	0.10	13.33	10.48	16.63	14.19
Data Availability %	74.65%	75.12%	69.36%	78.47%	79.45%

Madhya Pradesh Pollution Control Board Environmental Surveillance Center

Paryavaran Parisar, E-5, Arera Colony, Bhopal - 462016 (M.P.) Ph : 0755-2469180, Fax : 0755-2463742, E-mail : ercmppcb@nic.in, Web : www.erc.mp.gov.in

Real Time Data Acquisition And Monitoring Average Report

Industry Name : R.O. :

Industry Name

Industry Name : R.O. :

R.O.

Satna
15 min

Birla Corporation Limited. Unit- Sagmania Limestone Mines							
Period : May,2021							
Description	Quarry_Station_1- CO(mg/m3)	Quarry_Station_1- NOx(ug/m3)	Quarry_Station_1- PM2.5(ug/m3)	Quarry_Station_1- PM10(ug/m3)	Quarry_Station_1-SO2(ug/m3)		
Prescribed Standards	0 - 4	0 - 80	0 - 60	0 - 100	0 - 80		
Maximum Data	0.74	29.31	33.68	85.62	26.35		
Minimum Data	0.32	9.19	13.91	17.88	8.62		
Data Availability %	75.20%	80.62%	83.10%	89.15%	82.25%		

	Madhya Pradesh Pollution Control Board	
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Environmental Surveillance Center Paryavaran Parisar, E-5, Arera Colony, Bhopal - 462016 (M.P.) Ph : 0755-2469180, Fax : 0755-2463742, E-mail : ercmppcb@nic.in, Web : www.erc.mp.gov.in

Real Time Data Acquisition And Monitoring Average Report

Satna 15 min

Birla Corporation Limited, Unit- Sagmania Limestone Mines							
			Period :		June,2021		
	Quarry_Station_1- CO(mg/m3)	Quarry_Station_1- NOx(ug/m3)	Quarry_Station_1- PM2.5(ug/m3)	Quarry_Station_1- PM10(ug/m3)	Quarry_Station_1-SO2(ug/m3)		
Prescribed Standards	0 - 4	0 - 80	0 - 60	0 - 100	0 - 80		
Maximum Data	0.76	34.25	47.67	61.80	21.58		
Minimum Data	0.23	13.66	10.13	20.37	9.7		
Data Availability %	79.56%	72.55%	84.12%	84.40%	74.82%		

Madhya Pradesh Pollution Control Board Environmental Surveillance Center

AN/F

ASP/F

45.00

Paryavaran Parisar, E-5, Arera Colony, Bhopal - 462016 (M.P.) Ph : 0755-2469180, Fax : 0755-2463742, E-mail : ercmppcb@nic.in, Web : www.erc.mp.gov.in Real Time Data Acquisition And Monitoring

Average Report

Satna 15 min

Birla Corporation Limited, Unit- Sagmania Limestone Mines Period :

		Period :			July,2021
	Quarry_Station_1- CO(mg/m3)	Quarry_Station_1- NOx(ug/m3)	Quarry_Station_1- PM2.5(ug/m3)	Quarry_Station_1- PM10(ug/m3)	Quarry_Station_1-SO2(ug/m3)
Prescribed Standards	0 - 4	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	0.87	22.51	36.37	51.26	24.27
Minimum Data	0.18	10.76	3.89	21.08	18.43
Data Availability %	96.88%	96.88%	96.67%	96.67%	96.63%

Madhya Pradesh Pollution Control Board

Environmental Surveillance Center Paryavran Pariax, E-S, Area Colony, Bhopal-482016 (M.P.) Ph: 0755-246180, Fax: 0755-24474, E-mail: encodeginclin, Web : www.ercm.p.gov.in Real Time Data Acquisition And Monitoring

Average Report

Satna 15 min

Industry Name : R.O. : Birla Corporation Limited, Unit- Sagmania Limestone Mines

			Period :		Aug,2021	
Description	Quarry_Station_1- CO(mg/m3)	Quarry_Station_1- NOx(ug/m3)	Quarry_Station_1- PM2.5(ug/m3)	Quarry_Station_1- PM10(ug/m3)	Quarry_Station_1-SO2(ug/m3)	
Prescribed Standards	0 - 4	0 - 80	0 - 60	0 - 100	0 - 80	
Maximum Data	0.91	20.69	35.76	43.99	15.15	
Minimum Data	0.18	8.82	5.59	24.69	4.14	
Data Availability %	96.67%	96.67%	98.23%	98.23%	98.67%	

Madhya Pradesh Pollution Control Board

Environmental Surveillance Center Paryavaran Parisar, E-5, Arera Colony, Bhopal - 462016 (M.P.) Ph : 0755-2469180, Fax : 0755-2463742, E-mail : ercmppcb@nlc.in, Web : www.erc.mp.gov.in Real Time Data Acquisition And Monitoring

Average Report

Industry Name : R.O. :

Birla Corporation Limited, Unit- Sagmania Limestone Mines

				Period :		Sept ,2021
	Description	Quarry_Station_1-	Quarry_Station_1-	Quarry_Station_1-	Quarry_Station_1-	Quarry_Station_1-SO2(ug/m3)
	Prescribed Standards	0 - 4	0 - 80	0 - 60	0 - 100	0 - 80
	Maximum Data	0.84	18.26	23.15	41.17	13.10
- [Minimum Data	0.20	5.12	21,87	29.01	11.88
- [Data Availability %	97.41%	97.41%	95.32%	96.79%	97.41%

Satna 15 min

-	Madhya F Ph: 0755-246918 Re	Pradesh Po Environmental Paryavaran Parisar, E-5, Ar 10, Fax : 0755-2463742, E-6 val Time Data Acc	DIlution Cor Surveillance Cen era Colony, Bhopal - 462016 (nall : ercmppcb@nic.in, Web juisition And Monit	ttrol Board	
		Avera	ge Report		
	Birla Co	rnoration Limited	Init, Saumania I imer	Industry Name : R.O. :	Satna 15 min
	51111 00	portation Emitted, (Period :	tone mines	Apr,2021
		Quarry_Station_2- NOx(ug/m3)	Quarry_Station_2- PM2.5(ug/m3)	Quarry_Station_2- PM10(ug/m3)	
Prescribed Standards	0 - 4	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	0.98	38.67	34.52	65.98	11.74
Minimum Data	0.43	7.74	7.58	43.13	4.91
Data Availability %	70.43%	76.10%	82.59%	72.62%	72.07%

Madhya Pradesh Pollution Control Board

Environmental Surveillance Center Payavana Partar, E.4. Aves. Celony, Bhogal - 48316 (M.P.) Ph: 075549180 ha: 07554947816, hav 6: oww.scr.mp.gov.in Real Time Data Acquisition And Monitoring

Average Report

Industry Name :	Satr
R.O. :	15 m
Birla Corporation Limited, Unit- Sagmania Limestone Mines	

Satna 15 min

			renou.		muy, LOLI	
		Quarry_Station_2- NOx(ug/m3)	Quarry_Station_2- PM2.5(ug/m3)	Quarry_Station_2- PM10(ug/m3)		
Prescribed Standards	0 - 4	0 - 80	0 - 60	0 - 100	0 - 80	
Maximum Data	1.09	41.91	36.90	91.89	20.54	
Minimum Data	0.66	5.61	14.24	29.25	6.34	
Data Availability %	72 2294	76 33%	79.22%	93 66%	65 20%	

Madhya Pradesh Pollution Control Board
Environmental Surveillance Center

Environmental Surveillance Center Payearan Parlar, E.S. Area Colon, Bhopal - 462016 (M.P.) Ph: 6755-2469160, Fax: 6755-2463742, E-mail: exempted galcal, Web : www.scr.mp.gov.in Real Time Data Acquisition And Monitoring

Average Report

				Industry Name :	Satna
	Birla Co	noration Limited	Init. Saamania Limee	K.U.:	15 min
	Dirit Co	poration Emitted	Period :	tone miles	June,2021
		Quarry_Station_2- NOx(ug/m3)	Quarry_Station_2- PM2.5(ug/m3)	Quarry_Station_2- PM10(ug/m3)	
Prescribed Standards	0 - 4	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	1.03	34.48	23.25	94.22	27.26
Minimum Data	0.60	11.16	8.03	38.91	11.95
Data Availability %	73.27%	79.56%	85.11%	84.70%	71.44%

STA	Madhya Pradesh Pollution Control Board
	Environmental Surveillance Center
	Paryavaran Parisar, E-5, Arera Colony, Bhopal - 462016 (M.P.)
	Ph : 0755-2469180, Fax : 0755-2463742, E-mail : ercmppcb@nic.in, Web : www.erc.mp.gov.in
	Real Time Data Acquisition And Monitoring

Average Report Industry Name : R.O. :

				Industry Name : R.O. :	Satna 15 min
	Birla Cor	poration Limited, U	Jnit- Sagmania Limes	tone Mines	
			Period :		July,2021
		Quarry_Station_2- NOx(ug/m3)	Quarry_Station_2- PM2.5(ug/m3)	Quarry_Station_2- PM10(uo/m3)	
cribed Standards	0 - 4	0 - 80	0 - 60	0 - 100	0 - 80
faximum Data	1.01	20.00	19.84	84.01	32.52
Minimum Data	0.50	3.66	3.80	54.79	0.58
ita Availability %	93.33%	93.33%	96.67%	96.67%	96.67%

SIF Madhya Pradesh Pollution Control Board Environmental Surveillance Center Parjavaran Pariar, E-5, Area Colony, Bhogal -482016 (M.P.) Ph: 07552-246910, Fa: 0755-246742, E-mail: e-mopcodghic.ii. Web : www.arc Real Time Data Acquisition And Monitoring

Pres

Average Report

Industry Name : R.O. :

Satna 15 min

Birla Corporation Limited, Unit- Sagmania Limestone Mines Period : Aug,2021

Description	Quarry_Station_2-CO(mg/m3)	Quarry_Station_2-	Quarry_Station_2-	Quarry_Station_2-	Quarry_Station_2-SO2(ug/m3)
		NOx(ug/m3)	PM2.5(ug/m3)	PM10(uo/m3)	
Prescribed Standards	0-4	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	1.01	8.38	17.91	59.97	9.04
Minimum Data	0.88	6.01	4.56	44.47	0.53
Data Availability %	98.23%	98.23%	98.23%	98.23%	98.23%

-Madhya Pradesh Pollution Control Board

Environmental Surveillance Center Payavara Pariar, E.S. Avec Colory, Boyal - 48206 (M.P.) Ph : 5755-3487180, Fax : 5755-3487142, E-mail : emorphol@ici.ili, Web : www.ark Real Time Data Acquisition And Monitoring Average Report

	Birla Co	moration Limited	Init. Saumania I imae	Industry Name : R.O. :	Satna 15 min
	Dinta Goi	portation Emitted,	Period :		Sept ,2021
Description	Quarry_Station_2-CO(mg/m3)	Quarry_Station_2- NOx(un/m3)	Quarry_Station_2- PM2 5/un/m31	Quarry_Station_2- PM10(unim3)	Quarry_Station_2-SO2(ug/m3)
Prescribed Standards	0 - 4	0 - 80	0 - 60	0 - 100	0 - 80
Maximum Data	1.01	8.35	9.54	46.70	9.04
Minimum Data	0.95	6.22	9.20	45.65	8.71
Data Availability %	95.40%	95.40%	95.40%	95.40%	95.40%

Drishti-2018 : Encardio-rite Electronics Pvt. Ltd. SiteName : Birla Corporation Ltd Satna M.P Date : From 2021-04-01 02:00:30 To 2021-09-30 19:00:30

Date &time	Ground Water Level (m)	Water Temperat ure (degC)	Barometric Pressure (hPa)	Date &time	Ground Water Level (m)	Water Temperat ure (degC)	Barometric Pressure (hPa)
2021-04-01 06:00:00	-27.96	27.4	963.4	2021-07-01 18:00:00	-33.95	27.4	959.2
2021-04-01 18:00:00	-27.98	27.4	963.8	2021-07-02 06:00:00	-33.87	27.4	960.8
2021-04-02 06:00:00	-28.01	27.4	966.2	2021-07-02 18:00:00	-33.79	27.4	960.3
2021-04-02 18:00:00	-28.04	27.4	965.9	2021-07-03 06:00:00	-33.71	27.4	962.4
2021-04-03 06:00:00	-28.07	27.4	968	2021-07-03 18:00:00	-33.62	27.4	962.4
2021-04-03 18:00:00	-28.10	27.4	968	2021-07-04 06:00:00	-33.54	27.4	964.4
2021-04-04 06:00:00	-28.12	27.4	970.2	2021-07-04 18:00:00	-33.46	27.4	963.8
2021-04-04 18:00:00	-28.15	27.4	968.8	2021-07-05 06:00:00	-33.38	27.4	964.5
2021-04-05 06:00:00	-28.18	27.4	970.4	2021-07-05 18:00:00	-33.30	27.4	962.7
2021-04-05 18:00:00	-28.21	27.4	968.2	2021-07-06 06:00:00	-33.22	27.4	963.5
2021-04-06 06:00:00	-28.24	27.4	968.6	2021-07-06 18:00:00	-33.14	27.4	961.7
2021-04-06 18:00:00	-28.27	27.4	966.4	2021-07-07 06:00:00	-33.06	27.4	962.7
2021-04-07 06:00:00	-28.29	27.4	967.9	2021-07-07 18:00:00	-32.97	27.4	961.2
2021-04-07 18:00:00	-28.32	27.4	967.4	2021-07-08 06:00:00	-32.89	27.4	962
2021-04-08 06:00:00	-28.35	27.4	967.4	2021-07-08 18:00:00	-32.81	27.4	962.8
2021-04-08 18:00:00	-28.38	27.4	966.2	2021-07-09 06:00:00	-32.73	27.4	963.2
2021-04-09 06:00:00	-28.41	27.4	968.3	2021-07-09 18:00:00	-32.65	27.4	961.3
2021-04-09 18:00:00	-28.44	27.4	968.1	2021-07-10 06:00:00	-32.57	27.4	961.9
2021-04-10 06:00:00	-28.46	27.4	970.8	2021-07-10 18:00:00	-32.49	27.4	960.3
2021-04-10 18:00:00	-28.49	27.4	969.7	2021-07-11 06:00:00	-32.41	27.4	962.4
2021-04-11 06:00:00	-28.52	27.4	972.1	2021-07-11 18:00:00	-32.33	27.4	962.4
2021-04-11 18:00:00	-28.55	27.4	971.2	2021-07-12 06:00:00	-32.24	27.4	964.6
2021-04-12 06:00:00	-28.58	27.4	972.8	2021-07-12 18:00:00	-32.16	27.4	963.6
2021-04-12 18:00:00	-28.60	27.4	971.2	2021-07-13 06:00:00	-32.08	27.4	964.3
2021-04-13 06:00:00	-28.63	27.4	971.7	2021-07-13 18:00:00	-32.00	27.4	962.7
2021-04-13 18:00:00	-28.66	27.4	969.4	2021-07-14 06:00:00	-31.92	27.4	963.3
2021-04-14 06:00:00	-28.69	27.4	969.9	2021-07-14 18:00:00	-31.84	27.4	961.8
2021-04-14 18:00:00	-28.72	27.4	968	2021-07-15 06:00:00	-31.76	27.4	963.8
2021-04-15 06:00:00	-28.75	27.4	969.6	2021-07-15 18:00:00	-31.68	27.4	963.5
2021-04-15 18:00:00	-28.77	27.4	967.8	2021-07-16 06:00:00	-31.59	27.4	966.2
2021-04-16 06:00:00	-28.80	27.4	968.6	2021-07-16 18:00:00	-31.51	27.4	965.1
2021-04-16 18:00:00	-28.83	27.4	966.6	2021-07-17 06:00:00	-31.43	27.4	966.2
2021-04-17 06:00:00	-28.86	27.4	968.1	2021-07-17 18:00:00	-31.35	27.4	963.7
2021-04-17 18:00:00	-28.89	27.4	968.8	2021-07-18 06:00:00	-31.27	27.4	963
2021-04-18 06:00:00	-28.92	27.4	971.9	2021-07-18 18:00:00	-31.19	27.4	964
2021-04-18 18:00:00	-28.94	27.4	969.8	2021-07-19 06:00:00	-31.11	27.4	962.2
2021-04-19 06:00:00	-28.97	27.4	969.7	2021-07-19 18:00:00	-31.03	27.4	960.1
2021-04-19 18:00:00	-29.00	27.4	966.9	2021-07-20 06:00:00	-30.94	27.4	960.9
2021-04-20 06:00:00	-29.03	27.4	967	2021-07-20 18:00:00	-30.86	27.4	961.8
2021-04-20 18:00:00	-29.06	27.4	964.8	2021-07-21 06:00:00	-30.78	27.4	961.1

2021-04-21 06:00:00	-29.08	27.4	966.8	2021-07-21 18:00:00	-30.70	27.4	959
2021-04-21 18:00:00	-29.11	27.4	968.4	2021-07-22 06:00:00	-30.62	27.4	959.3
2021-04-22 06:00:00	-29.14	27.4	971.4	2021-07-22 18:00:00	-30.54	27.4	956.2
2021-04-22 18:00:00	-29.17	27.4	970	2021-07-23 06:00:00	-30.46	27.4	958.5
2021-04-23 06:00:00	-29.20	27.4	971.4	2021-07-23 18:00:00	-30.38	27.4	956.8
2021-04-23 18:00:00	-29.23	27.4	968	2021-07-24 06:00:00	-30.30	27.4	958.7
2021-04-24 06:00:00	-29.25	27.4	967.4	2021-07-24 18:00:00	-30.21	27.4	957.9
2021-04-24 18:00:00	-29.28	27.4	967.7	2021-07-25 06:00:00	-30.13	27.4	957.9
2021-04-25 06:00:00	-29.31	27.4	970.4	2021-07-25 18:00:00	-30.05	27.4	958.5
2021-04-25 18:00:00	-29.34	27.4	969	2021-07-26 06:00:00	-29.97	27.4	960.2
2021-04-26 06:00:00	-29.37	27.4	968.8	2021-07-26 18:00:00	-29.89	27.4	959.2
2021-04-26 18:00:00	-29.39	27.4	967.9	2021-07-27 06:00:00	-29.81	27.4	958.2
2021-04-27 06:00:00	-29.42	27.4	968.6	2021-07-27 18:00:00	-29.73	27.4	957.2
2021-04-27 18:00:00	-29.45	27.4	967.7	2021-07-28 06:00:00	-29.65	27.4	960.2
2021-04-28 06:00:00	-29.48	27.4	969.1	2021-07-28 18:00:00	-29.56	27.4	959.6
2021-04-28 18:00:00	-29.51	27.4	967.5	2021-07-29 06:00:00	-29.48	27.4	960.1
2021-04-29 06:00:00	-29.54	27.4	968.5	2021-07-29 18:00:00	-29.40	27.4	959.9
2021-04-29 18:00:00	-29.56	27.4	967.6	2021-07-30 06:00:00	-29.32	27.4	960.7
2021-04-30 06:00:00	-29.59	27.4	968.7	2021-07-30 18:00:00	-29.24	27.4	960
2021-04-30 18:00:00	-29.62	27.4	965.8	2021-07-31 06:00:00	-29.16	27.4	960.5
2021-05-01 06:00:00	-29.67	27.4	967.6	2021-07-31 18:00:00	-29.08	27.4	958
2021-05-01 18:00:00	-29.71	27.4	966.2	2021-08-01 06:00:00	-29.03	27.4	957.3
2021-05-02 06:00:00	-29.76	27.4	969.2	2021-08-01 18:00:00	-28.98	27.4	956
2021-05-02 18:00:00	-29.81	27.4	968.4	2021-08-02 06:00:00	-28.93	27.4	958.6
2021-05-03 06:00:00	-29.85	27.4	967.9	2021-08-02 18:00:00	-28.88	27.4	960.2
2021-05-03 18:00:00	-29.90	27.4	966.8	2021-08-03 06:00:00	-28.83	27.4	962.8
2021-05-04 06:00:00	-29.95	27.4	967.8	2021-08-03 18:00:00	-28.79	27.4	962.9
2021-05-04 18:00:00	-29.99	27.4	965	2021-08-04 06:00:00	-28.74	27.4	964.5
2021-05-05 06:00:00	-30.04	27.4	966.4	2021-08-04 18:00:00	-28.69	27.4	963.1
2021-05-05 18:00:00	-30.09	27.4	965	2021-08-05 06:00:00	-28.64	27.4	962.3
2021-05-06 06:00:00	-30.13	27.4	967	2021-08-05 18:00:00	-28.59	27.4	960.5
2021-05-06 18:00:00	-30.18	27.4	967.1	2021-08-06 06:00:00	-28.54	27.4	961.8
2021-05-07 06:00:00	-30.22	27.4	967.9	2021-08-06 18:00:00	-28.50	27.4	961.3
2021-05-07 18:00:00	-30.27	27.4	968	2021-08-07 06:00:00	-28.45	27.4	962.7
2021-05-08 06:00:00	-30.32	27.4	970	2021-08-07 18:00:00	-28.40	27.4	963.3
2021-05-08 18:00:00	-30.36	27.4	966.5	2021-08-08 06:00:00	-28.35	27.4	965
2021-05-09 06:00:00	-30.41	27.4	967.9	2021-08-08 18:00:00	-28.30	27.4	964.8
2021-05-09 18:00:00	-30.46	27.4	965.1	2021-08-09 06:00:00	-28.25	27.4	965.9
2021-05-10 06:00:00	-30.50	27.4	966.4	2021-08-09 18:00:00	-28.20	27.4	964.2
2021-05-10 18:00:00	-30.55	27.4	964.1	2021-08-10 06:00:00	-28.16	27.4	964.6
2021-05-11 06:00:00	-30.60	27.4	968.6	2021-08-10 18:00:00	-28.11	27.4	964
2021-05-11 18:00:00	-30.64	27.4	963.6	2021-08-11 06:00:00	-28.06	27.4	964.2
2021-05-12 06:00:00	-30.69	27.4	965.7	2021-08-11 18:00:00	-28.01	27.4	965.2
2021-05-12 18:00:00	-30.74	27.4	961.6	2021-08-12 06:00:00	-27.96	27.4	966.4
2021-05-13 06:00:00	-30.78	27.4	964.1	2021-08-12 18:00:00	-27.91	27.4	966.3
2021-05-13 18:00:00	-30.83	27.4	963.8	2021-08-13 06:00:00	-27.86	27.4	965.8
2021-05-14 06:00:00	-30.88	27.4	964.6	2021-08-13 18:00:00	-27.82	27.4	964.2
2021-05-14 18:00:00	-30.92	27.4	963.1	2021-08-14 06:00:00	-27.77	27.4	963.7

2021 05 15 06:00:00	20.07	27.4	065.0	2021 08 14 18.00.00	27 72	27.4	062.4
2021-05-15 06:00:00	-30.97	27.4	965.2	2021-08-14 18:00:00	-27.72	27.4	962.4
2021-05-15 18:00:00	-31.02	27.4	964.8	2021-08-15 06:00:00	-27.07	27.4	964
2021-05-16 06:00:00	-31.00	27.4	966.9	2021-08-15 18:00:00	-27.62	27.4	963.8
2021-05-16 18:00:00	-31.11	27.4	964.7	2021-08-16 06:00:00	-27.57	27.4	966.6
2021-05-17 06:00:00	-31.15	27.4	967.6	2021-08-16 18:00:00	-27.53	27.4	965.8
2021-05-17 18:00:00	-31.20	27.4	965.8	2021-08-17 06:00:00	-27.48	27.4	967
2021-05-18 06:00:00	-31.25	27.4	967.6	2021-08-1/18:00:00	-27.43	27.4	965.4
2021-05-18 18:00:00	-31.29	27.4	966.3	2021-08-18 06:00:00	-27.38	27.4	964.7
2021-05-19 06:00:00	-31.34	27.4	966.6	2021-08-18 18:00:00	-27.33	27.4	962.9
2021-05-19 18:00:00	-31.39	27.4	962.9	2021-08-19 06:00:00	-27.28	27.4	963.1
2021-05-20 06:00:00	-31.43	27.4	963.2	2021-08-19 18:00:00	-27.23	27.4	962.2
2021-05-20 18:00:00	-31.48	27.4	963.2	2021-08-20 06:00:00	-27.19	27.4	963.4
2021-05-21 06:00:00	-31.53	27.4	966	2021-08-20 18:00:00	-27.15	27.4	963.6
2021-05-21 18:00:00	-31.57	27.4	965.6	2021-08-21 06:00:00	-27.11	27.4	967
2021-05-22 06:00:00	-31.62	27.4	965.7	2021-08-21 18:00:00	-27.06	27.4	966.5
2021-05-22 18:00:00	-31.67	27.4	964.2	2021-08-22 06:00:00	-27.01	27.4	969
2021-05-23 06:00:00	-31.71	27.4	964.9	2021-08-22 18:00:00	-26.96	27.4	966.2
2021-05-23 18:00:00	-31.76	27.4	964.8	2021-08-23 06:00:00	-26.91	27.4	966.8
2021-05-24 06:00:00	-31.81	27.4	966.7	2021-08-23 18:00:00	-26.86	27.4	965.5
2021-05-24 18:00:00	-31.85	27.4	964.1	2021-08-24 06:00:00	-26.81	27.4	965.9
2021-05-25 06:00:00	-31.90	27.4	964.3	2021-08-24 18:00:00	-26.77	27.4	964.7
2021-05-25 18:00:00	-31.94	27.4	960.6	2021-08-25 06:00:00	-26.72	27.4	964.9
2021-05-26 06:00:00	-31.99	27.4	960.9	2021-08-25 18:00:00	-26.67	27.4	963
2021-05-26 18:00:00	-32.04	27.4	959.6	2021-08-26 06:00:00	-26.62	27.4	962.7
2021-05-27 06:00:00	-32.08	27.4	960.4	2021-08-26 18:00:00	-26.57	27.4	962.7
2021-05-27 18:00:00	-32.13	27.4	961.2	2021-08-27 06:00:00	-26.52	27.4	963.9
2021-05-28 06:00:00	-32.18	27.4	962.4	2021-08-27 18:00:00	-26.48	27.4	964.7
2021-05-28 18:00:00	-32.22	27.4	963.7	2021-08-28 06:00:00	-26.43	27.4	964.5
2021-05-29 06:00:00	-32.27	27.4	965.6	2021-08-28 18:00:00	-26.36	27.4	962.9
2021-05-29 18:00:00	-32.32	27.4	965	2021-08-29 06:00:00	-26.31	27.4	963.4
2021-05-30 06:00:00	-32.36	27.4	965.6	2021-08-29 18:00:00	-26.27	27.4	962.8
2021-05-30 18:00:00	-32.41	27.4	963.6	2021-08-30 06:00:00	-26.22	27.4	965.2
2021-05-31 06:00:00	-32.46	27.4	964.3	2021-08-30 18:00:00	-26.17	27.4	964.2
2021-05-31 18:00:00	-32.50	27.4	961.2	2021-08-31 06:00:00	-26.12	27.4	967.3
2021-06-01 06:00:00	-32.53	27.4	963.3	2021-08-31 18:00:00	-26.07	27.4	966.5
2021-06-01 18:00:00	-32.56	27.4	962.6	2021-09-01 06:00:00	-25.97	27.4	969.1
2021-06-02 06:00:00	-32 58	27.4	965.4	2021-09-01 18:00:00	-25.87	27.4	966.2
2021-06-02 18:00:00	-32.61	27.4	964	2021-09-02 06:00:00	-25.77	27.4	967.8
2021-06-03-06:00:00	-32.64	27.1	966 5	2021-09-02 18:00:00	-25.67	27.1	965.6
2021-06-03 18:00:00	-32.66	27.1	965.6	2021-09-03-06:00:00	-25.57	27.1	966.8
2021-06-04-06:00:00	-32.60	27.4 27.4	967.5	2021-09-03 18:00:00	-25.46	27.4	963.9
2021-06-04 18-00-00	_22.05	27.4	964.9	2021-09-04 06:00:00	_25. 4 0	27.4	967
2021-06-05 06.00.00	-27 7/	27.4	966.2	2021-09-04 18-00-00	_25.30	27.4	964
2021-06-05 18.00.00	_22.74	27. 4 27./	965.7	2021-09-05 06.00.00	_25.20	27.4	966
2021-06-06-06-00-00	22.77	27.4	066 7	2021 05 05 00.00.00	_25.10 _25.06	27.4	063.6
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2021-06-07 06.00.00	-32.02 _27 QE	27. 4 27.4	061 G	2021 00-00 00.00.00	-24.30 _7/ QC	27.4	06/ /
2021-06-07 00.00.00	-32.05 21 00	27.4	062	2021-03-00 10.00.00	-24.00	27.4	065 7
2021-00-07 10:00:00	-22.08	۲/.4	902	2021-09-07 00.00:00	-24.70	۲/.4	505./

2021-06-08 06:00:00	-32.90	27.4	961.8	2021-09-07 18:00:00	-24.65	27.4	963.8
2021-06-08 18:00:00	-32.93	27.4	960.2	2021-09-08 06:00:00	-24.55	27.4	965.3
2021-06-09 06:00:00	-32.96	27.4	961.2	2021-09-08 18:00:00	-24.45	27.4	964.1
2021-06-09 18:00:00	-32.99	27.4	959.8	2021-09-09 06:00:00	-24.35	27.4	965.8
2021-06-10 06:00:00	-33.01	27.4	960.8	2021-09-09 18:00:00	-24.25	27.4	963.6
2021-06-10 18:00:00	-33.04	27.4	959.1	2021-09-10 06:00:00	-24.15	27.4	966.1
2021-06-11 06:00:00	-33.07	27.4	959.8	2021-09-10 18:00:00	-24.05	27.4	964
2021-06-11 18:00:00	-33.09	27.4	958.8	2021-09-11 06:00:00	-23.95	27.4	965.6
2021-06-12 06:00:00	-33.12	27.4	960.1	2021-09-11 18:00:00	-23.84	27.4	963.2
2021-06-12 18:00:00	-33.15	27.4	960.2	2021-09-12 06:00:00	-23.74	27.4	964.3
2021-06-13 06:00:00	-33.17	27.4	961	2021-09-12 18:00:00	-23.64	27.4	961
2021-06-13 18:00:00	-33.20	27.4	958.6	2021-09-13 06:00:00	-23.54	27.4	962.2
2021-06-14 06:00:00	-33.23	27.4	958.5	2021-09-13 18:00:00	-23.44	27.4	960.1
2021-06-14 18:00:00	-33.25	27.4	956.6	2021-09-14 06:00:00	-23.34	27.4	961.6
2021-06-15 06:00:00	-33.28	27.4	956.2	2021-09-14 18:00:00	-23.24	27.4	959.9
2021-06-15 18:00:00	-33.31	27.4	955.2	2021-09-15 06:00:00	-23.24	27.4	961.2
2021-06-16 06:00:00	-33.33	27.4	958.9	2021-09-15 18:00:00	-23.14	27.4	959.7
2021-06-16 18:00:00	-33.36	27.4	958.3	2021-09-16 06:00:00	-23.04	27.4	960.3
2021-06-17 06:00:00	-33.39	27.4	960	2021-09-16 18:00:00	-22.94	27.4	961
2021-06-17 18:00:00	-33.41	27.4	960	2021-09-17 06:00:00	-22.83	27.4	962
2021-06-18 06:00:00	-33.44	27.4	960.7	2021-09-17 18:00:00	-22.73	27.4	963.4
2021-06-18 18:00:00	-33.47	27.4	960.2	2021-09-18 06:00:00	-22.63	27.4	965.7
2021-06-19 06:00:00	-33.49	27.4	960.5	2021-09-18 18:00:00	-22.53	27.4	966.5
2021-06-19 18:00:00	-33.52	27.4	960.6	2021-09-19 06:00:00	-22.43	27.4	969.7
2021-06-20 06:00:00	-33.55	27.4	961.5	2021-09-19 18:00:00	-22.33	27.4	968.2
2021-06-20 18:00:00	-33.58	27.4	961.8	2021-09-20 06:00:00	-22.23	27.4	970
2021-06-21 06:00:00	-33.60	27.4	963.4	2021-09-20 18:00:00	-22.13	27.4	966.6
2021-06-21 18:00:00	-33.63	27.4	963.1	2021-09-21 06:00:00	-22.02	27.4	967.8
2021-06-22 06:00:00	-33.66	27.4	962.2	2021-09-21 18:00:00	-21.92	27.4	965.1
2021-06-22 18:00:00	-33.68	27.4	961.7	2021-09-22 06:00:00	-21.89	27.4	966.4
2021-06-23 06:00:00	-33.71	27.4	963	2021-09-22 18:00:00	-21.86	27.4	964
2021-06-23 18:00:00	-33.74	27.4	963.1	2021-09-23 06:00:00	-21.82	27.4	966
2021-06-24 06:00:00	-33.76	27.4	963	2021-09-23 18:00:00	-21.79	27.4	965
2021-06-24 18:00:00	-33.79	27.4	962.2	2021-09-24 06:00:00	-21.76	27.4	967.5
2021-06-25 06:00:00	-33.82	27.4	962.8	2021-09-24 18:00:00	-21.72	27.4	966.1
2021-06-25 18:00:00	-33.84	27.4	961.4	2021-09-25 06:00:00	-21.69	27.4	968.2
2021-06-26 06:00:00	-33.87	27.4	962.5	2021-09-25 18:00:00	-21.66	27.4	965.6
2021-06-26 18:00:00	-33.90	27.4	962.6	2021-09-26 06:00:00	-21.62	27.4	967.1
2021-06-27 06:00:00	-33.92	27.4	965.9	2021-09-26 18:00:00	-21.59	27.4	964.8
2021-06-27 18:00:00	-33.95	27.4	965.1	2021-09-27 06:00:00	-21.56	27.4	966.6
2021-06-28 06:00:00	-33.98	27.4	966	2021-09-27 18:00:00	-21.52	27.4	964.5
2021-06-28 18:00:00	-34.00	27.4	963.8	2021-09-28 06:00:00	-21.49	27.4	966.9
2021-06-29 06:00:00	-34.03	27.4	964	2021-09-28 18:00:00	-21.46	27.4	965.9
2021-06-29 18:00:00	-34.06	27.4	961.5	2021-09-29 06:00:00	-21.42	27.4	969
2021-06-30 06:00:00	-34.08	27.4	961.1	2021-09-29 18:00:00	-21.39	27.4	967.8
2021-06-30 18:00:00	-34.11	27.4	960.2	2021-09-30 06:00:00	-21.36	27.4	970.4
2021-07-01 06:00:00	-34.03	27.4	960.8	2021-09-30 18:00:00	-21.32	27.4	969.3



Micromate - Vibration Monitoring Instrument

Drilling machine equipped with dust extraction system





🜌 IIIStantei

 Date/Time
 Long at 13:17:57 May 14, 2021

 Trigger Source
 Geo: 0.800 mm/s

 Range
 Geo: 254.0 mm/s

 Record Time
 1.0 sec at 1024 sps

 Job Number:
 1

Notes

Location: Client: User Name: General:

Extended Notes

 Microphone
 Linear Weighting

 PSPL
 116.3 dB(L)
 13.00 pa.(L) at 0.411 sec

 ZC Freq
 21 Hz

 Channel Test
 Passed (Freq = 20.1 Hz Amp = 445 mv)

	Tran	Vert	Long	
PPV	3.810	2.159	2.667	mm/s
ZC Freq	16	16	20	Hz
Time (Rel. to Trig)	0.311	0.271	0.244	sec
Peak Acceleration	0.053	0.027	0.040	g
Peak Displacement	0.040	0.020	0.023	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.4	7.4	7.7	Hz
Overswing Ratio	3.8	3.5	3.5	

Peak Vector Sum 4.366 mm/s at 0.277 sec

Serial NumberBE16620 V 10.72-1.1 Minimate BlasterBattery Level6.2 VoltsUnit CalibrationMarch 8, 2021 by UES New DelhiFile NameR620IZ9B.LX0

Post Event Notes Blast No.- 2021-05-27., D Cutting II EM Distance from blasting site to monitoring station-98m

DGMS India (A)



a)Industrial Buildings b)Domestic houses/structures c)Historic objects, sensitive structures



Velocity (mm/s)

Printed: July 1, 2021 (V 10.74)

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	<u>Con</u>	<u>sent Order</u>	Paryava Tele : 075	M.P. Pollution Control Board E-5, Arera Colony Iran Parisar, Bhopal - 16 MP 5-2466191, Fax-0755-2463742
RED-MEDIUM		CCA-Renewal	CONSENT NO: ***	PCB ID: 19449
			Consent No: N	W-53093

To, The Occupier,

> <u>M/s. Birla Corporation Ltd.(Birahulilime Stone Mines),</u> 56.20 HECT., BIRLA VIKAS,BIRAHULI,City : Birhuli, Dist : Satna, Tal : Raghurajnagar, SIDC : Not In SIDC, Latitude : 24.3718 Longitude : 80.5344

Subject: Grant of Renewal of Consent under section 25 of the Water (Prevention & Control of Pollution) Act,1974 under section 21 of the Air (Prevention & Control of Pollution) Act,1981

Ref: Your Renewal of Consent Application Receipt No. 1021354 Dt. 06/02/2021

With reference to your above application for Renewal of Consent has been considered under the aforesaid Acts and existing rules therein. The M. P. Pollution Control Board has agreed to grant consent up to **31/03/2022**, subject to the fulfillment of the terms & conditions, enclosed with this letter and-

SUBJECT TO THE FOLLOWING CONDITIONS :-

a. Location: Village-Birahuli , Tehsil - Raghurajnagar, Distt. - Satna (M.P.)

b. Mining Lease area: 56.20 ha

c. Product & Production Capacity:

Activity / Product

MINING OF LIME STONE

Note: For any change in above industry shall obtain fresh consent from the board.

The Validity of the consent is up to **31/03/2022** and has to be renewed before expiry of consent validity. Online application through XGN with annual license fees in this regard shall be submitted to this office 6 months before expiry of the consent/Authorization. Board reserves the right to amend/cancel / revoke the above condition in part or whole as and when required.

Enclosures:-

- * Conditions under Water Act
- * Conditions under Air Act
- * General conditions

CC to :-

- 1. District Mining Officer, (Mining Section), Collector office, Satna Dist. Satna (M.P.) for information.
- 2. M.P. State Mining Corporation, Arera Hills, Jail Road, Bhopal (M.P.) for necessary action please.
- 3. Regional officer, Regional office, MPPCB, Satna (M.P.)

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steppet merry

Qty / year

600000 Metric Ton per year

ACHYUT ANAND MISHRA Member Secretary

e-Signed On 22/02/2021 23:43:39 (Organic Authentication on AADHAR from UIDAI Server) TPAV # 09MP7A55OC



CONDITIONS PERTAINING TO WATER (PREVENTION & CONTROL OF POLLUTION) ACT 1974 :-

I. The daily quantity of sewage at out fall of the unit shall not exceed 1.50 KL/day

2. The applicant shall provide garland drain and settling tank for the control of surface run off generated in the lease area during rains.

3. Sewage Treatment :- The applicant shall provide septic tank and soak pit and maintain the same properly to achieve following standards-

pH	Between	6.5 - 9.0	l
Suspended Solids	Not exceed	100 mg/l.	:
BOD 3 Days 27°C	Not exceed	30 mg/l.	1
COD	Not exceed	250 mg/l.	1
Oil and grease	Not exceed	10 mg/l.	ļ
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4. The effluent shall be treated up to prescribed Standards and reuse in the process, for cooling and for green belt devolvement/gardening within premises. Hence zero discharge condition shall be practiced. In no case treated effluent shall be discharged outside of industry/unit premises.

5. The Consent does not authorize or approve the Construction of any physical structures or facilities or the undertaking of any work in any water course or within its high flood level (HFL) area

6. The specific effluent limitations and pollution control systems applicable to the discharge permitted herein are set forth as above conditions.

7. Compilation of Monitoring data-

i. Samples and measurements taken to meet the monitoring requirements specified above shall be representative of the volume and nature of monitored discharge.

ii. Following promulgation of guidelines establishing test procedures for the analysis of pollutants, all sampling and analytical methods used to meet the monitoring requirements specified above shall conform to such guidelines unless otherwise specified sampling and analytical methods shall conform to the latest edition of the Indian Standard specifications and where it is not specified the guidelines as per standard methods for the examination of Water and Waste latest edition of the American Public Health Association, New York U.S.A. shall be used.

iii. The applicant shall take samples and measurement to meet the monthly requirements specified above and report online through XGN the same to the Board.

8. Recording of Monitoring Activities & Results-

i. The applicant shall make and maintain online records of all information resulting from monitoring activities by this Consent.

ii. The applicant shall record for each measurement of samples taken pursuant to the requirements of this Consent as follows:

(i) The date, exact place and time of sampling

(ii) The dates on which analysis were performed

(iii)Who performed the analysis?

(iv)The analytical techniques or methods used and

(v)The result of all required analysis

iii. If the applicant monitors any Pollutant more frequently as is by this Consent he shell include the results of such monitoring in the calculation and reporting of values required in the discharge monitoring reports which may be prescribed by the Board. Such increased frequency shall be indicated on the Discharge Monitoring Report Form.

iv. The applicant shall retain for a minimum of 3 years all records of monitoring activities including all records of Calibration and maintenance of instrumentation and original strip chart regarding continuous monitoring instrumentation. The period of retention shall be extended during the course of any unresolved litigation regarding the discharge of pollutants by the applicant or when requested by Central or State Board or the court.

9. Reporting of Monitoring Results:-

Monitoring Information required by this Consent shall be summarized and reported by submitting a Discharge Monitoring report on line to the Board.

Consent No:AW-53093

165 Constituate generated from xgn mpatic in are valid and does not require physical signatures, the certificate can be validated online from xgn mpatic in using "TPAV" Number.



10. Limitation of discharge of oil Hazardous Substance in harmful quantities:-

The applicant shall not discharge oil or other hazardous substances in quantities defined as harmful in relevant regulations into natural water course. Nothing in this Consent shall be deemed to preclude the institution of any legal action nor relive the applicant from any responsibilities, liabilities, or penalties to which the applicant is or may be subject to clauses.

11. Limitation of visible floating solids and foam:

During the period beginning date of issuance the applicant shall not discharge floating solids or visible foam.

12. Disposal of Collected Solid waste/sludge-

All hazardous waste/sludge shall be disposed of as per the Authorization issued under Hazardous & other waste (M&TM) Rules 2016. And/other Solids Sludges, dirt, silt or other pollutant separated from or resulting from treatment shall be disposed of in such a manner as to prevent any pollutant from such materials from entering any such water Any live fish, Shall fish or other animal collected or trapped as a result of intake water screening or treatment may be returned to eaters body habitat.

13. Provision for Electric Power Failure-

The applicant shall assure to the consent issuing authority that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities utilized by the applicant to maintain compliance with the terms and conditions of the Consent.

14. Prohibition of By pass system of treatment facilities-

The diversion or by-pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this Consent in prohibited except :

i, where unavoidable to prevent loss of life or severe property damage, or

ii. Where excessive storm drainage or run off would damage any facilities necessary for compliance with the terms and conditions of this Consent. The applicant shall immediately notify the consent issuing authorities in writing of each such diversion or by-pass in accordance with the procedure specified above for reporting non-compliance.

15. Industry/Institute/mine management shall submit the information online through XGN in reference to compliance of consent conditions.

.... uonal Water condition:-

1) Mine shall provide toilets for laborers along with septic tank and soak pit.

2) Mine shall treat mine water to the extent that it should meet the quality of drinking water source quality standards. The treated mine water should be used for beneficiation purposes such as plantation, irrigation etc

Consent No:AW-53093

Two Cortificate generated from synomposic in are valid and does not require physical signatures, the certificate can be validated online from synomposic in using "TPAV" Number.

Page: 3/6



CONDITIONS PERTAINING TO AIR (PREVENTION & CONTROL OF POLLUTION) ACT 1981 :-

1. Ambient air quality at the boundary of the industry/unit premises shall be monitored and reported to the Board regularly on quarterly basis: The Ambient air quality norms are prescribed in MoEF gazette notification no. GSR/826(E), dated: 16/11/09. Some of the parameters are as follows:

- a. Particulate Matter (less than 10 micron) $100 \,\mu g/m^3$ (PM₁₀ $\mu g/m^3$ 24 hrs. basis)
- b. Particulate Matter (less than 2.5 micron) 60 μ g/m³ (PM_{2.5} μ g/m³ 24 hrs. basis)
- c. Sulphur Dioxide [SO₂] (24 hrs. Basis) 80 µg/m³
- d. Nitrogen Oxides [NO_x] (24 hrs. Basis) 80 µg/m³
- e. Carbon Monoxide [CO] (8 hrs. Basis) 2000 µg/m³

2. The industry shall take adequate measures for control of noise level generated from industrial activities within the premises less than 75 dB(A) during day time and 70 dB(A) during night time.

3. All other fugitive emission sources such as leakages, seepages, spillages etc shall be ensured to be plugged or sealed or made airtight to avoid the public nuisance.

4. Approach roads shall be made pucca to control the fugitive emissions of particulate matter generated due to transportation and internal movements.

5. Mine management shall take effective steps for extensive tree plantation of the local tree species with minimum spacing of 4X4 meter within or around the industry/unit premises for general improvement of environmental conditions and as stated in additional condition

autional Air condition:

- 1) Fixed type of water sprinkle system shall be provided on haul road.
- 2) Major approach roads and haul roads shall be metal topped.
- 3) Drills shall be wet operated to reduce the fugitive emission.
- 4) Mining area should be surrounded by green belt having thick canopy of the tree cover.
- 5) Sufficient number of water tanker for water sprinkling shall be provided for the control of fugitive emission from haul road
- 6) Mine management shall practice regular compaction loose material of haulage road to reduce the emission of fugitive emission.
- 7) Progressive afforestation plan shall be implemented at the end of mining, which include reclaimed external OB dump area, internal OB dump area and green belt and in township located outside the lease.
- 8) Sufficient number of water tanker for water sprinkling shall be provided for the control of fugitive emission from road transportation.
- 9) The vehicle used for the transportation of minerals / material shall be PU certified and shall be properly maintained to reduce the noise.

Consent No:AW-53093

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GENERAL CONDITIONS:

1. The applicant shall allow the staff of Madhya Pradesh Pollution Control Board and/or their authorized representative, upon the representation of credentials:

a. To inspect raw material stock, manufacturing processes, reactors, premises etc to perform the functions of the Board.

b. To enter upon the applicant's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this Consent.

c. To have access at reasonable times to any records required to be kept under the terms and conditions of this Consent.

d. To inspect at reasonable times any monitoring equipment or monitoring method required in this Consent: or,

e. To sample at reasonable times any discharge or pollutants.

2. This consent/authorisation is transferable, in case of change of ownership/management and addresses of new Owner/partner/Directors/proprietor should immediately apply for the same.

3. The issuance of this Consent does not convey any property rights in either real or personal property or any exclusive privileges, nor does it authorise any invasion of personal rights, nor any infringement of Central, State or local laws or regulations.

4. This consent is granted in respect of Water pollution control Act 1974 or Air Pollution Control act, 1981 or Authorization under the provisions of Hazardous and other Waste (Management & Transboundary movement) Rules 2016 only and does not relate to any other Department/Agencies. License required from other Department/Agencies have to be obtained by the unit separately and have to comply separately as per there Act / Rules.

5. Balance consent/authorisation fee, if any shall be recoverable by the Board even at a later date.

6. The applicant shall submit such information, forms and fees as required by the board not letter than 180 day prior to the date of expiration of this consent/authorisation

7. Knowingly making any false statement for obtaining consent or compliance of consent conditions shall result in the imposition of criminal penalties as provided under the section 42(g) of the Water Act or section 38 (g) of the Air Act.

8. After notice and opportunity for the hearing, this consent may be modified, suspended or revoked by the Board in whole or in part during its term for cause including, but not limited to, the following :

- (a) Violation of any terms and conditions of this Consent.
- (b) Obtaining this Consent by misrepresentation of failure to disclose fully all relevant facts.
- (c) A change in any condition that requires temporary or permanent reduction or elimination of the authorized discharge.

9. On violation of any of the above-mentioned conditions the consent granted will automatically be taken as canceled and necessary action will be initiated against the industry.

.....nat condition:-

- 1. The Mine shall optimize the water abstraction from the surface water source by utilizing the mine discharge for spraying on haul roads, mine area and loading - unloading area after proper treatment.
- 2. Extensive tree plantation shall be carried out in open areas available within and around the mine premises in consultation with expert agency. Good house keeping practice shall be adopted.
- Mine management shall demarcate a barrier zone as no mining zone in the periphery of mining lease area and 3. developed a green belt.
- Overburden dumps shall be stored at the earmarked location along with proper stabilization arrangements and 4. retaining wall. Maximum height of the OB dumps shall not exceed 20 meters and each stage shall be of 10 meter height with slope of shall not exceed 35°. Mine shall have to take effective steps to check the soil erosion from over burden/waste material dumping area, causing silting problem into nearby nallah/ river/ pond during the rainy season.
- Mine Management shall construct Garland drain of with stone pitching all around, and with settling tank of 5. appropriate size. Sedimentation pits shall be constructed at the corners of the garland drains and de-silted at regular intervals.
- Top soil shall be scraped & separately stacked with proper slope and adequate safeguards; it shall be utilized for 6. carpeting over the backfilled area and rehabilitation of mined out area.
- 7. Mine management shall provide artificial recharger measures, rain water harvesting system.
- Mine management shall provide fencing all around the lease area to prevent the accident hazard. 8.
- The Mine shall improve their existing pollution control facilities and maintain the same properly so that the emission could be maintained within the prescribed standards. 53093

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M.P. Pollution Control Board E-5, Arera Colony Paryavaran Parisar, Bhopal - 16 MP Tele : 0755-2466191, Fax-0755-2463742

- 10. Controlled blasting should be practiced with the use of delay detonators and only during daytime. The mitigative measures for control of ground vibrations and to arrest the fly rocks and boulders should be implemented.
- 11. Mine management shall submit environmental statement for the previous year ending 31st March on or before 30th September every year to the Board.
- 12. Mine management shall ensure the compliance of conditions of Environmental clearance.
- 13. Mine shall comply the provisions of all the relevant Acts/Rules/Directions/Guidelines issued by MoEF/ CPCB/ MPPCB time to time as required and if applicable.
- 14. Mine shall comply the Directions/ Orders issued by Hon'ble Supreme Court/ High Court/ NGT time to time in the relevant Writ Petitions.
- 15. Mine management shall install industrial grade HD IP (Internet Protocol) Pan-Tilt-Zoom (PTZ) Camera with minimum 5X zoom and night vision facility for remote surveillance and constant vigil of emission source.
- 16. Mine management shall establish suitable connectivity of IP-Camera with Environment Surveillance Centre at the HQ of M.P. Pollution Control Board for monitoring and data transmission purpose.

Consent/authorization as required under the Water (Prevention & Control of Pollution) Act,1974 , The Air (Prevention & Control of Pollution) Act,1981 is granted to your industry subject to fulfillment of all the conditions mentioned above. For renewal purpose you shall have to make an application to this Board through XGN at least Six months before the date of expiry of this consent/authorisation. The applicant without valid consent (for operation) of the Board shall not bring in to use any outlet for the discharge of effluent and gaseous emission.

For and on behalf of M.P. Pollution Control Board

e-Signed On 22/02/2021 23:43:39 (Organic Authentication on AADHAR from UIDAI Server) TPAV # 09MP7A55OC Achieved minterg

ACHYUT ANAND MISHRA Member Secretary

Consent No:AW-53093

				REPORT DATE :	12/05/2021					
				DETAILED DIES	EL REPORT					
				DEALER CODE	: BIRLA/01					
	DEALER NAME : BIRLA CORPORATION LIMITED UNIT SATNA									
	ADDRESS : BIRLA CORPORATION LIMITED UNIT SATNA CEMENT									
	For Duration from : MM/DD/YYYY- 05/12/2021 to 11/11/2021 PUCC Checked From: 0601001 To:0601068									
PTC No.	V. Reg. No.	Test Date Time	Valid UpTo	Make	Model	Category	Reg. Year	% HSU	Result	
601024	DOZER NO-15	05/12/2021 04:13PM	11/11/2021	CAT	D8R	DOZER	19/12/2013	55.40%	PASS	
601025	DOZER NO-14	05/12/2021 04:23PM	11/11/2021	CAT	D8R	DOZER	09/12/2011	57.70%	PASS	
601029	DOZER NO-10	05/12/2021 05:06PM	11/11/2021	KOMATSU	D155A	DOZER	07/12/2006	62.70%	PASS	
601032	LOADER	05/12/2021 05:28PM	11/11/2021	CAT	LWL988H	LOADER	00/10/2011	53.50%	PASS	
601042	DRILL NO-12	05/12/2021 07:09PM	11/11/2021	ATLAS COPCO	ROC L8	DRILL	11/03/2012	34.80%	PASS	
601043	DRILL NO-11	05/12/2021 07:19PM	11/11/2021	ATLAS COPCO	ATLAS COPCO IBH- 12	DRILL	18/06/2008	47.80%	PASS	
601044	DRILL NO-10	05/12/2021 07:29PM	11/11/2021	ATLAS COPCO	ATLAS COPCO IBH- 12	DRILL	18/10/2005	47.80%	PASS	
601047	ROCK BREAKER-3	05/12/2021 01:09PM	11/11/2021	L&T	90CK	ROCK BREAKER	00/12/2005	60.70%	PASS	
601053	EXCAVATOR PC-1	21/03/2020 02:49PM	20/09/2020	KOMATSU	K-PC1250-7	EXCAVATOR	00/07/2009	45.60%	PASS	
601055	VOLVO NO-1	21/03/2020 03:31PM	20/09/2020	VOLVO	EC750 DL	VOLVO	00/11/2016	47.60%	PASS	
601058	CAT DUMPER NO-6	21/03/2020 03:52PM	20/09/2020	CATRPILLAR	CAT773E	CAT DUMPER	00/03/2011	43.60%	PASS	
601059	CAT DUMPER NO-5	21/03/2020 04:05PM	20/09/2020	CATRPILLAR	CAT773E	CAT DUMPER	00/02/2011	40.60%	PASS	
601060	CAT DUMPER NO-41	21/03/2020 04:15PM	20/09/2020	CATRPILLAR	CAT 773D	CAT DUMPER	00/00/0000	61.90%	PASS	
601061	CAT DUMPER NO-2	21/03/2020 04:29PM	20/09/2020	CATRPILLAR	CAT773D	CAT DUMPER	00/12/2008	44.90%	PASS	
601062	CAT DUMPER NO-3	21/03/2020 04:39PM	20/09/2020	CATRPILLAR	CAT773D	CAT DUMPER	00/01/2009	52.90%	PASS	
601063	CAT DUMPER NO-7	21/03/2020 04:49PM	20/09/2020	CATRPILLAR	CAT773E	CAT DUMPER	00/01/2017	32.90%	PASS	
601064	CAT DUMPER NO-1	21/03/2020 04:59PM	20/09/2020	CATRPILLAR	CAT773D	CAT DUMPER	00/12/2008	48.90%	PASS	
601065	CAT DUMPER NO-9	21/03/2020 05:09PM	20/09/2020	CATRPILLAR	CAT773E	CAT DUMPER	00/02/2019	29.90%	PASS	
601066	CAT DUMPER NO-8	21/03/2020 05:19PM	20/09/2020	CATRPILLAR	CAT773E	CAT DUMPER	00/01/2018	28.70%	PASS	
601067	CAT DUMPER NO-4	21/03/2020 05:33PM	20/09/2020	CATRPILLAR	CAT773E	CAT DUMPER	00/02/2011	48.70%	PASS	
601068	RT-760	21/03/2020 05:46PM	20/09/2020	TIL	RT-760-55 TON	CRANE	21705/2008	58.90%	PASS	

Г



Birla Corporation Limited Unit: Satna Cement Works P.O.: Birla Vikas, Satna - 485005 Madhya Pradesh P: 07672 412000/01 F: 07672 257456 E : admin.scw@birlacorp.com

Date: 10.07.2020

BCL/SCW/Mines/2020-21/17

To,

Director, **Ministry of Environment and Forest** New Delhi

Sub:- Submission of Digital Processing of Sagmania Mining Lease.

Ref: Environment Clearance no. J-11015/271/2006-IA (M) for Sagmania Mining Lease .

Dear Sir,

堂

With reference to above subject matter and condition laid down in the Environment Clearance, please find herewith the Digital Processing of Sagmania Mining lease for monitoring land use pattern based on satellite imaginary.

Kindly acknowledge the receipt of the same.

Thanking You, Yours faithfully,

For, Birla Corporation Limited (Unit: Satna Cement Works)

AVP-Mines 0.07.2020

Sagmania Limestone Mines

Encl: 1. Digital Processing Map Sagmania Mining Lease

Cc: Regional Office, MoEF – E-5, Arera colony, Link Road Bhopal (M.P.)



Birla Corporation Limited Unit: Satus Coment Works 20-5' a Viss. Satus - 455005 Nachys Pradist 4-07672 41200001 F-07672 251456 5-60 Minister Boinaco o com

Birhuli Limestone Mines Production data (2020-21)

MP BIRLA

2020-21	Birhuli Limestone Mines					
	Production					
APRIL	0					
MAY	0					
JUNE	31597					
JULY	32688					
AUGUST	40926					
SEPTEMBER	25120					
OCTOBER	45909					
NOVEMBER	44103					
DECEMBER	48675					
JANUARY	42762					
FEBRUARY	58914					
MARCH	59832					
	430526					

Repletered Ciffee : Bitla Suitcing, 5/1 why Muknerjee Rozo, Xo xata - WH 001 1. C/N ; CO11329/31019PLC003334 1 www.binatorooration.car-P. - 033-661957; SW026 1 F. - 033-2249-2872

Water Sprinkling System







HDD-272, Phase III - Near JP Chowk Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099

Recognized by Ministry of Environment Forest and Climate Change under EP act 1986

Name & Address Of The Custon To,	ner	REPORT NO	UES/TR/20-21/03517
Birla Corporation Limited Unit-Sagmania Limestone Mines (A Unit of MP Birla Group) PO : Birla Vikas, Satna -485005, M.P. India		LAB REF NO	UES/20-21/N/03164
		DATE OF REPORT	23/12/2020
		DATE OF SAMPLING	15/12/2020 to 16/12/2020
		SAMPLE DETAILS	
MONITORING FOR	WORK ZONE NOISE LEVEL MONITO	RING	
CUSTOMER REF. NO. & DATE	4560448372, DATED :04.12.2020		
SAMPLING LOCATION	SAGMANIA LIMESTONE MINES NO	ISE LEVEL	
SAMPLE COLLECTED BY	LABORATORY CHEMIST		
SAMPLING PROCEDURE	MANUFACTURER'S INSTRUCTION		

TEST REPORT			
LOCATION		UNIT	RESULT dB(A)
NEAR 1200 TPH CRUSHER	INSIDE	dB(A)	89.0
	OUTSIDE	dB(A)	82.8
NEAR 800 TPH	INSIDE	dB(A)	84.6
	OUTSIDE	dB(A)	80.4
NEAR DUMPER GARAGE		dB(A)	76.3
NEAR MECHANICAL WORKSHOP	INSIDE	dB(A)	72.8
	OUTSIDE	dB(A)	77.1
NEAR MINES OFFICE	INSIDE	dB(A)	77.5
	OUTSIDE	dB(A)	79.7
NEAR ROM HOPPER (1200 TPH CRUSHER)		dB(A)	80.4
NEAR ROM HOPPER (800 TPH CRUSHER)		dB(A)	82.9
1200 TPH CRUSHER INSIDE CCR		dB(A)	82.9
800 TPH CRUSHER INSIDE CCR		dB(A)	81.4
NEAR MINES MAIN GATE		dB(A)	76.6
INSIDE PHYSICAL LAB		dB(A)	80.8
NEAR CONVERYOR BELT (BC-5 BELT)		dB(A)	84.8
NEAR MINES STAFF COLONY		dB(A)	71.8

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

The use of the report for publication, arbitration or as legal dispute is forbit Test sample will be retained for 15days after issue of test room and a structure This is for information as the party has asked for above to the arbitration forbidden.

agreed with customer.

2020 03/12 PREPARED BY



For ULTIMATE ENVIROLYTICAL SOLUTIONS AUTHORIZED SIGNATORY

End of the test report-

AN ISO : 9001:2015 / ISO: 14001:2015 / ISO 45001:2018 CERTIFIED LABORATORY


Sample Quantity/Packing

HDD-272, Phase III - Near JP Chowk Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099 Ph : 0771 - 4027777 | Email : ultimatenviro@gmail.com

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Name & Address Of The Customer		Report No.	UES/TR/20-21/03514	
То,		Lab Ref No.	UES/20-21/AAQM/031	61
Birla Corporation	imactore Mines	Date of Sampling	14/12/2020 to 15/12/2	2020
(A Unit of MP Birla Group) PO : Birla Vikas, Satna -485005, M.P. India		Date of Receipt	17/12/2020	
		Date of Report	23/12/2020	
		Date of Analysis	Start: 18/12/2020	End: 23/12/2020
	SA	MPLE DETAILS		States 1
Monitoring For	Ambient Air Quality Monitoring			
Sampling Location	Labour Colony (East)			
Customer Ref. No. & Date	4560448372, DATED :04.12.2020		······································	
Duration Of Sampling	As per CPCB norms			
Sample Collected By	Laboratory Chemist			
Sampling Procedure	As Per Method Reference			A DA DA NA MAC DOT
	Filter Paper (PM10): 1X1 No., Filter	Paper (PM2.5): 1X1 No. SC	2: 30miX1 No. PVC Bottle, NO.	C SUMIAL NO. PVC BUT

Rubber Bladder: 1X1 No., C6H6: CARCOAL Tube., OZONE: 10MLX1 No. Brown PVC Bottle, NH4:10MLX1 No. Brown PVC

BO	tte			
	Mingin and Aligorithm	TEST REPORT		
PARAMETER	UNIT	METHOD REFERENCE	CPCB STANDARD	REŠULT Labour Colony (East)
Particulate Matter size less than 10 microns (PM10)	µg/m³	IS 5182 (Part 23): 2005 & CPCB Guidelines VolI	100	94.0
Particulate Matter size less than 2.5 microns	µg/m³	CPCB Quidelines VolI.	60	42.0
Sulphur Dioxide (SO ₂)	hd/m3	IS 5182 (Part 2): 2001, RA 2006 & CPCB Guidelines VolI	80	10.6
Nitrogen Dioxide (NO2)	hd/w3	IS 5182 (Part 6): 2006 & CPCB Guidelines VolI	80	24.8
Carbon Monoxide (CO) *	mg/m ³	IS 5182 (Part 10):1999, RA 2003	4.0	0.64
Lead (Pb)	hā/m3	CPCB Guidelines Vol-I and AAS Method	1.0	N.D.
Nickel (Ni)	ng/m ³	CPCB Guidelines Vol-I and AAS Method	20	N.D.
Arsenic (As)	ng/m³	CPCB Guidelines Vol-I and AAS Method	6.0	N.D.
Ozona (O3)*	µg/m³	CPCB Guidelines Vol-I	180	6.4
Ammonia (NH3)	µg∕m³	CPCB Guidelines Vol-I	400	12.4
Benzene (C ₄ H ₄)	µg/m ³	IS 5182 (Part 11):2006	5.0	N.D.
Panaro (a) Purene	ng/m ³	IS 5182 (Part 12):2014	1.0	N.D.

REMARKS:* These Results are on the basis of 1 hour sampling, N.D.: Not Detected

Terms & conditions

- part unless otherwise agreed with customer. 8



End of the test report-



HDD-272, Phase III - Near JP Chowk Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099

Recognized by Ministry of Environment Forest and Climate Change under EP act 1986

			UEC/TD/20.21/02E12	
Name & Address Of Th	e Customer	Report No.	UES/18/20-21/05512	
To,	Limitod	Lab Ref No.	UES/20-21/AAQM/03159	
Birla Corporation	imectone Mines	Date of Sampling	14/12/2020 to 15/12/2	2020
(A Unit of MP Bir	la Group)	Date of Receipt	17/12/2020	
PO : Birla Vikas, Satna -485005, M.P.		Date of Report	23/12/2020	
India	· · · · · · · · · · · · · · · · · · ·	Date of Analysis	Start: 18/12/2020	End: 23/12/2020
	SA	PLE DETAILS		
Monitoring For	Ambient Air Quality Monitoring			
Sampling Location	A-Quarry Pump House (West)		and from the course of the second from the second	
Customer Ref. No. & Date	4560448372, DATED :04.12.2020			
Duration Of Sampling	As per CPCB norms			
Sample Collected By	Laboratory Chemist			and the second
Sampling Procedure	As Per Method Reference			
Sample Quantity/Packing	Filter Paper (PM10): 1X1 No., Filter Rubber Bladder: 1X1 No., C6H6: CA Bottle	Paper (PM2.5): 1X1 No. SO RCOAL Tube. OZONE: 10M	JZ: 30mIXI No. PVC Bottle, NO. LX1 No. Brown PVC Bottle, NH4	2: SUMIXI NO. PVC BUTTLE, 1:10MLX1 No. Brown PVC

TEST REPORT				
PARAMETER	UNIT	METHOD REFERENCE	CPCB STANDARD	RESULT A-Quarry Pump House (West)
Particulate Matter size less than 10 microns (PM10)	µg/m³	IS 5182 (Part 23): 2006 & CPCE Guidelines VolI	100	92.0
Particulate Matter size less than 2.5 microns (EM2 c)	µg/m³	CPCB Guidelines VolI.	60	38.0
Sulphur Dioxide (SO2)	µg/m³	IS 5182 (Part 2): 2001, RA 2006 SCPCB Guidelines VolI	80	12.4
Nitrogen Dioxide (NO2)	µg/m³	IS 5182 (Part 6): 2006 & CPCB Guidelines VolI	80	22.6
Carbon Monoxide (CO)*	mg/m ³	IS 5182 (Part 10):1999, RA 2003	4.0	0.42
Lead (Pb)	. µg/m ³	CPCB Guidelines Vol-I and AAS Method	1.0	N.D.
Nickel (Ni)	ng/m3	CPCB Guidelines Vol-I and AAS Method	20	N.D.
Arsenic (As)	ng/m ³	CPCB Guidelines Vol-I and AAS Method	6.0	N.D.
Ozone (03)*	µg/m³	CPCB Guidelines Vol-I	180	6.6
Ammonia (NE ₃)	µg/m³	CPCB Guidelines Vol-I	400	12.4
Benzene (C6H6)	² myd	IS 5182 (Part 11):2006	5.0	N.D.
Benzo (a) Pyrene	ng/m ³	IS 5182 (Part 12):2014	1,0	N.D.

REMARKS:* These Results are on the basis of 1 hour sampling, N.D.: Not Detected

Terms & conditions

- The use of the report for publication, arbitration or as legal dispute is forbidden.
- Test sample will be retained for 15 days after issue of any report unless otherwise agreed with customer. This is for information as the party has asked for obput results of w.
- This is for information as the party has asked for abit P



End of the test report



HDD-272, Phase III - Near JP Chowk Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099 Ph: 0771 - 4027777 I Email: ultimatenviro@gmail.com

Recognized by Ministry of Environment Forest and Climate Change under EP act 1986

Name & Address Of The Customer		Report No.	UES/TR/20-21/03513	
То,		Lab Ref No.	UES/20-21/AAQM/03160 14/12/2020 to 15/12/2020	
Birla Corporation	Limited	Date of Sampling		
Unit-Sagmania L	Imestone mines	Date of Receipt	17/12/2020	
PO : Birla Vikas.	Satna -485005, M.P.	Date of Report	23/12/2020	*
India		Date of Analysis	Start: 18/12/2020	End: 23/12/2020
	SA	MPLE DETAILS		
Monitoring For	Ambient Air Quality Monitoring		and the second	
Sampling Location	ANFO Mixing Shelter (North)			
Customer Ref. No. & Date	4560448372, DATED :04.12.2020			
Duration Of Sampling As per CPCB norms				Contrast in a constraint of the second s
Sample Collected By	Laboratory Chemist	and the second data		
Sampling Procedure	As Per Method Reference			DOWNER NA DRIC DOTTLE
Sample Quantity/Packing	Filter Paper (PM10): 1X1 No., Filter Rubber Bladder: 1X1 No., C6H6: CA Bottle	Paper (PM2.5): 1X1 No. SO RCOAL Tube, OZONE: 10MI	IZ: 30mDLI NO. PVC Battle, NO. LX1 No. Brown PVC Battle, NH4	1:10MLX1 No. Brown PVC

TEST REPORT					
PARAMETER	UNIT	METHOD REFERENCE	CPCB STANDARD	RESULT ANFO Mixing Shelter (North)	
Particulate Matter size less than 10 microns (PM10)	µg/m³	IS 5182 (Part 23): 2005 & CPCB Guidelines VolI	100	78.0-	
Particulate Matter size less than 2.5 microns	µg/m³	CPCB Guidelines VolI.	60	34.0	
Sulphur Dioxide (SO2)	µg/m³	IS 5182 (Part 2): 2001, RA 2006 & CPCB Guidalines VolI	80	10.8	
Nitrogen Dioxide (NO2)	µg/m³	IS 5182 (Part 6): 2006 & CPCB Guidelines VolI	80	26.2	
Carbon Monoxide (CO) *	mg/m ³	IS 5162(Part 10):1999, RA 2003	4.0	0.42	
Lead (Pb)	µg/m ³	CPCB Guidelines Vol-I and AAS Method	1.0	N.D.	
Nickel (Ni)	ng/m ³	CPCB Guidelines Vol-I and AAS Method	20	N.D.	
Arsenic (As)	ng/m ³	CPCE Guidelines Vol-I and AAS Method	5.0	N.D.	
Ozone (O3)*	µg/m ³	CPCB Guidelines Vol-I	180	8.2	
Ammonia (NH3)	µg/m ³	CPCB Guidelines Vol-I	400	16.4	
Benzene (C6H6)	µg/m ³	IS 5182 (Part 11):2006	5.0	N.D	
Benzo (a) Pyrene	ng/m ³	IS 5182 (Part 12):2014	1.0	N.D.	

REMARKS:" These Results are on the basis of 1 hour sampling, N.D.: Not Detected

Terms & conditions

- The use of the report for publication, arbitration or as legal dispute is forbidden. Test sample will be retained for 15 days after issue of rest report unless otherwise agreed with customer. This is for information as the party has acced for abuve tested only. >
- This is for information as the party has asked for about >



End of the test report



Sample Quantity/Packing

HDD-272, Phase III - Near JP Chowk Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099

Recognized by Ministry of Environment Forest and Climate Change under EP act 1986

Name & Address Of The Customer		Report No.	UES/TR/20-21/03511		
То,		Lab Ref No.	UES/20-21/AAQM/03158		
Birla Corporation	Limited	Date of Sampling	14/12/2020 to 15/12/2	2020	
(A Unit of MP Birla Group) PO : Birla Vikas, Satna -485005, M.P. India		Date of Receipt	17/12/2020		
		Date of Report	23/12/2020	-	
		Date of Analysis	Start: 18/12/2020	End: 23/12/2020	
	SA	MPLE DETAILS			
Monitoring For	Ambient Air Quality Monitoring				
Sampling Location	A-Quarry Dispensary (South)				
Customer Ref. No. & Date	4560448372, DATED :04.12.2020				
Duration of Sampling	As per CPCB norms				
Sample Collected By	Laboratory Chemist			-	
Sampling Procedure	As Per Method Reference		and the state state state	20- IVI No. BUC BOT	
Sampling Procedure	Filter Paper (PM10): 1X1 No., Filter	Paper (PM2.5): 1X1 No. SC	2: 30m X1 No. PVC Bottle, NO.	2: 30mlX1 No. PVC B	

Rubber Bladder: 1X1 No., C6H6: CARCOAL Tube., OZONE: 10MLX1 No. Brown PVC Bottle, NH4:10MLX1 No. Brown PVC

	_	TEST REPORT		
PARAMETER	UNIT	METHOD REFERENCE	CPCB STANDARD	RESULT Quarry Dispensary (South)
Particulate Matter size less than 10 microns (FMm)	µg/m³	IS 5162 (Part 23): 2006 & CPCB Guidelinas VolI	100	81.0
Particulate Matter size less than 2.5 microns	µg/m ³	CPCB Guidelines VolI.	60	48.0
Sulphur Dioxide (SO2)	µg/m³	IS 5162 (Part 2): 2001, RA 2006 SCPCB Guidelines VolI	80	8.2
Nitrogen Dioxide (NO2)	µg/m³	IS 5162 (Part 6): 2006 & CPCB Guidelines VolI	80	20.4_
Carbon Monoxide (CO)*	mg/m ³	IS 5182(Part 10):1999, RA 2003	4.0	0.36
Lead (Pb)	µg/m ³	CPCB Guidelines Vol-I and AAS Method	1.0	N.D.
Nickel (Ni)	ng/m ³	CPCB Guidelines Vol-I and AAS Method	20	N.D.
Arsenic (As)	ng/m ³	CPCB Guidelings Vol-I and AAS Method	6.0	N.D.
Ozone (O3)*	µg/m ³	CPCB Guidelines Vol-I	180	4.8
Ammonia (NE ₃)	µg/m³	CPCB Guidelines Vol-I	400	9.6
Benzene (Cdl)	µg/m ³	IS 5182 (Part 11):2006	5.0	N.D.
Benzo (a) Pyrene	ng/m ³	IS 5182 (Part 12):2014	1.0	N.D.

REMARKS:* These Results are on the basis of 1 hour sampling, N.D.: Not Detected

Terms & conditions

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- Test sample will be retained for 15 days after issue of the portuniess otherwise agreed with customer. This is for information as the party has asked for a bar asked for a ba



End of the test report



HDD-272, Phase III - Near JP Chowk Ring Road No.-2, Kabir Nagar, Raipur (C.G.) - 492099 Ph : 0771 - 4027777 I Email : ultimatenviro@gmail.com

Recognized by Ministry of Environment Forest and Climate Change under EP act 1986

			1.000	· /TO /20 11 /02520			
Mante & Address Of The Custon	ner	REPORT NO	UE2	VIK/20-21/03529			
То,		LAB. REF. NO.	UES	UES/20-21/W/03176			
Birla Corporation	Limited	DATE OF SAMPLING	16/	16/12/2020 -			
Unit-Sagmania Li	mestone Mines	DATE OF RECEIPT	17/	12/2020			
(A Unit of MP Birla Group) PO : Birla Vikas, Satna -485005,		DATE OF REPORT	23/	12/2020			
		DATE OF ANALYSIS	STA	RT: 18/12/2020	END: 23/12/2020		
M.P. India							
		SAMPLE DETAILS					
CUSTOMER SAMPLE ID	SAGMANIA MINES ETP WATER	CUSTOMER REF. NO. & D/	ATE	4560448372, DATE	D :04.12.2020		
SAMPLE TYPE	ETP WATER SAMPLE	SAMPLE CONDITION AT R	ECEIPT	ОК			
PACKING OF SAMPLE	JERRY CANE (3 LTR.*1) GLASS BOTTLE (300 ml .*1)	SAMPLE COLLECTED BY		LABORATORY CHEMIST			
OTHER DETAILS	SEALED	QUANTITY RECEIVED		APPROX. 3.3 LTR.			

	1	INEFUNI		
PARAMETER	UNIT	METHOD OF TEST	LIMITS AS PER CONSENT	RESULT
pH Value at 25.2°C	<u>~</u>	IS:3025:(Part-11): 1983, RA 2012	5.5 To 9.0	7.53
Total Suspended Solid	mg/L	IS:3025:(Part-17): 1984, RA 2012	100	56.8
Chemical Oxygen Demand	mg/L-	IS:3025:(Part-58):2006, RA 2012	250	62.0
Bio-chemical Oxygen Demand at 27°C for three day	mg/L	IS:3025:(Part-44):1993 RA 2014	30	10.4
Oil & Grease	mg/L	IS:3025:(Part-39):1986	10	N.D.
Total dissolved solids	mg/L	IS:3025(Part-16):1984		420.5
	PARAMETER pH Value at 25.2°C Total Suspended Solid Chemical Oxygen Demand Bio-chemical Oxygen Demand at 27°C for three day Oil & Grease Total dissolved solids	PARAMETERUNITpH Value at 25.2°C-Total Suspended Solidmg/LChemical Oxygen Demandmg/LBio-chemical Oxygenmg/LDemand at 27°C for three daymg/LOil & Greasemg/LTotal dissolved solidsmg/L	PARAMETERUNITMETHOD OF TESTpH Value at 25.2°C-IS:3025: (Part-11): 1983, RA 2012Total Suspended Solidmg/LIS:3025: (Part-17): 1984, RA 2012Chemical Oxygen Demandmg/LIS:3025: (Part-58):2006, RA 2012Bio-chemical Oxygen Demand at 27°C for three daymg/LIS:3025: (Part-44):1993 RA 2014Oil & Greasemg/LIS:3025: (Part-39):1986Total dissolved solidsmg/LIS:3025 (Part-16):1984	PARAMETERUNITMETHOD OF TESTLIMITS ÅS PER CONSENTpH Value at 25.2°C-IS:3025: (Part-11): 1983, RA 20125.5 To 9.0Total Suspended Solidmg/LIS:3025: (Part-17): 1984, RA 2012100Chemical Oxygen Demandmg/LIS:3025: (Part-58):2006, RA 2012250Bio-chemical Oxygen Demand at 27°C for three daymg/LIS:3025: (Part-44):1993 RA 201430Oil & Greasemg/LIS:3025: (Part-39):198610Total dissolved solidsmg/LIS:3025 (Part-16):1984

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

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> Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.

This is for information as the party has asked for above test(s) only. For ULTIMATE ENVIROLYTICAL SOLUTIONS 2620 2020 m *(*)3 ብ AUTHORIZED SIGNATORY PREPARED BY

-----End of the test report----

AN ISO : 9001:2015 / ISO: 14001:2015 / ISO 45001:2018 CERTIFIED LABORATOR¥



Regd.A/D

12.04.2021

SCW/ Q/VT/ 06 /2020-21

The Director General of Mines Safety Dhanbad -826001

Sub: <u>Progress Chart of Quarter ending March'2021 and Programme Chart of Quarter</u> <u>ending June'2021 of Sagmania Limestone Mines Vocational Training Centre as per</u> <u>Mines Vocational Training Rules, 1966 (Revised training module).</u>

Please find enclosed herewith the Progress Chart for Quarter ending March'2021 and Programme Chart of Quarter ending June'2021 of Sagmania Limestone Mines Vocational Training Centre as per Mines Vocational Training Rules, 1966.

Thanking you,

Yours faithfully

For Satna Cement Works

Mines Manager Sagmania Limestone Mines

Encl: As above.

Cc: 1) Director of Mines Safety Plot No.1936 to 1949, JDA Scheme No.5 Behind Joy Higher Secondary School Vijay Nagar, Jabalpur-482002

2) Quarry

MINES VOCATIONAL TRAINING RULES - 1966 SCHEDULE - XII APPENDIX IN FORM - 7

Progress Chart of Training Centre for the Quarter Ending-March 2021 Name of Centre : Sagmania Limestone Mines Vocational Training Centre State/District in which it is situated : Madhya Pradesh, Satna

Name of Mine Catered : Sagmania Limestone Mines

								10		
Ū		ł			Date of com-	Date of	Number o	of trainees		
No.	Category of workers	Course	Batch No.	Schedule	mencement of course	completion of course	Enrolled in	Completed	Successful	Remark
	Safe Operaton & Maintenance.			0.550-000	000000		IIIA DAICH	Ine Course	in the test	
~	Fitter, Attendant, Khalasi & General	œ	518	IV	10 10 11	10 10 10	00	1		
	Mazdoor Contractual		2		12.10.01	17.10.10	70	20	20	
2	Sate Operation & Maintenance:- Fitter, Helper Auto Electrician Welder & General Majdoor	۲.	519	≥	8.03.2021	20.03.21	10	16	16	

Note: (1) For Session - Use M for morning, E for Evening.
(2) Category of workers
(3) Type of Course - Use B for basic, S for Special, R for Refresher.

V.N. SINGH Signature of Training Officer Mr Diver Name in block letter : **MINES VOCATIONAL TRAINING RULES - 1966** SCHEDULE - XII

Notice of Programme of Training during Quarter Ending -June 2021

APPENDIX IN FORM - I

Vocational Training Centre State/District in which it is situated : Madhya Pradesh, Satha Name of Mine Centred : Sagmania Limestone Mines Sagmania Limestone Mines Approximate No. of Student in each Centre : Name of Centre :

Code No. of Training Centre- Nil

Batch No. 520 521 made modules 4(ix) & Self Schedule = Type of Course Q' R Driver, Operator, Helper, Safe Operation & Maintenance :-Category of workers Safe Operation & Maintenance :-Driver, Operator, Helper, Session M&E M&E Actual Date 16.05.2021 31.05.2021 08.06.2021 19.06.2021 To From Second No.of week Third

Note: (1) For Session - Use M for morning, E for Evening.

(2) Category of workers(3) Type of Course - Use B for basic, S for Special, R for Refresher.

V.N. SINGH Signature of Training Officer Jun W Name in block letter :

Date		: 12-2-2021		
Venu	е	: V.T. Centre		
SN	Code	Name	Designation	Signature
1. 1		Vijaiyant Kushivaha		Ving
2.2		deepak Singh		1200 el
3. 3.		Rayier Singh		Ragacina
4.		lane lane	Why	
5.			12/2	
6.		15/2/2021.		
7.		Sub: Communicatio	ŝ	
8.				
9. 1		Vijayant Kushwaha		Vizan
10.2		Deepak singh		Rod-4
11.3		Rojeer Singh		ROGULINGA
12.		1 0000		
13.		15/2		
14.		16/2/2021		
15.		Sub Safe driving	practises	
16.		U		
17.4		Vijaijant Kushwaha		Vizues
18.2		Deepak lingh		Verse
19.3		Rajier Singh		Roganiogn
20.		lun lun	min	
21.			16/2	
22.		18/2/2021		
23.		Sub: General Salveti	f and de	fensive dri
24.1		Vijayant Kushwaha		Ving
25.)		Deepak Singh		Patton
26.7	5	Rajeer Singh		Rogalion
27.		1	-	

Programme Title

: Safety in operation of HEMM in Mines : 20-1-21 and importance of ppEs.

Date

Ver	iue	: V.T.Center		
SN	Code	Name	Designation	Signature
1.	MS	Aray TELAM		A
2.	MS	Kan Joch Bird	Dricc opt.	Sou
3.	MS	Harmon 21 21 mgh -	Supervision	h Hough
4.	MS	ागार र नर	Maint/S/V	Source
5.	MS	राकेज कुमार दिनदा	भक्तीनक	Ference -
6.	MS	Bantosh Saket	Drilloft	g
7.	MS	2115 El apint	Secti	RES
8.	MS	Idally abid	SISAZ	
9.	MS	zighzighid	SISA	Vinad
10.	MS	DINESH KUMAR SINGH	OPERATOR	2hg
11.	MC	ARUN NAWAR	HELPER	200000
12.	MS	रानेश जामा	PILLPER	ARUN
13.	ms	alma i	34 Carkerk	- KKOM9
14.	1 0 1	Farres n Kumar	जुपर नाइडार	(MA)-
15.				
16.				
17.		1 Simple)	
18.		(morth NN O		
9.		20/11/21		
20.				
21.				
22.				
3.				
4.				
5.				
6.				
7				

Annexure-22

Fully Equipped Air & Water Environmental Laboratory



Annexure: 23

Organization Structure: Environment Management Cell



Annexure-24

	Description	Amount (In Lacs Rs)
sr.No.		3.5
1	Dust suppression & Monitoring	6.75
2	Water sprinkling cost	8.27
3	Fencing work	70.21
4	Reclamation cost	53
5	Plantation cost	04.02
	Total cost	94.03

1

Annexure-25

nited Norks 485005 Tradesh 257456 Tp.com

द्वनिक सारकर

यतना, मंजलवार 21 अग्रस्त 2007

