



Date: 15.05.2024

To,

Deputy Inspector General of Forests
Ministry of Environment, Forest and Climate Change,
Integrated Regional Office, Jaipur, A-218 & B 216,
Aranya Bhawan, Mahatma Gandhi Road,
Jhalana Institutional Area, Jaipur, Rajasthan – 302004

Sub: Proposed Sindwari, Ramakhera, Satkhanda Block- B Limestone Mine (Auctioned block) over an area of 474.50 ha with Limestone Production Capacity 1.8 Million TPA (Total Excavation 3 Million TPA) along with 500 TPH capacity of Crusher in Village(s) - Ravliya, Bhavliya, Bhopali, Cherliya, Mangrol and Sindwari, Tehsil Nimbahera, District-Chittaurgarh, Rajasthan of M/s Dalmia Cement (Bharat) Ltd. - Submission of Half-Yearly Compliance-reg.

Ref: Environmental Clearance (EC) granted by MOEFCC, Govt. of India vide File No. - IA-J-11015/38/2018-IA-II(M) (EC Identification No. - EC22A001RJ128760) dated 28/06/2022.

Dear Sir,

With reference to above subject matter and referred letter, we would like to mention that proposed mine is not under operation as it is yet to be executed. We are submitting herewith point wise Half-Yearly Compliance report of conditions laid down in Environment Clearance for the period October 2023 to March 2024 for your kind perusal and record.

We would like to mention that mine is not under operation as we are waiting for orders from State Govt for grant and execution of ML.

Thanking You Yours faithfully,

For Dalmia Cement (Bharat) Ltd.

Deputy Executive Director

Encl: As Above

CC:

1. The Regional Officer, Rajasthan State Pollution Control Board, Near FCI Godown, Chanderiya, Chittorgarh, Rajasthan.

2. The Regional Director, Central Pollution Control Board (CPCB- Central zone), 4th Floor, Sahkar Bhawan, North T.T. Nagar, Bhopal – 462 003.

HALF YEARLY COMPLIANCE REPORT OF ENVIRONMENTAL CLEARANCE

October 2023 to March 2024

EC Identification No. - EC22A001RJ128760; File No. - IA-J-11015/38/2018-IA-II(M); DATED 28/06/2022.

Mine is yet to be executed & registered. Consent to Establish and Operate will be obtained after execution and registration of Mine lease.

Specific EC conditions: -

Sr.	Conditions	Remarks
1)	Continuous air quality monitoring shall be done in	Noted for compliance.
	the impact zone in the downwind direction within	Air Quality monitoring will be started at the
	200 m from the core zone. Other three monitoring	start of mining operation. Mining operation
	stations proposed, two in the downwind direction	will be started after obtaining Consent to
	and one as a reference within 500 m of the core	Establish & Operate after execution &
	zone.	registration of mine lease.
2)	As committed through the report submitted by the	Noted for compliance.
	project proponent that the controlled blasting to be	Noted for compilance.
	carried out with a proper blast design so as to limit	
	the noise pollution as well as keep blast induced	
	ground vibrations (PPV) should be less than 2 mm/s	
	on the highway and other structures.	
3)	Adequate buffer zone (minimum 50 m preferably	Noted for compliance
	more than that) shall be kept between the mine	Safety barrier of 50 m will be kept from
	and highway as well as the water body passing	highway and water body and mining will ne be
	through the mine lease area.	done in safety barrier.
4)	Transport of material will be restricted between 6	Noted for compliance.
	am and 6 pm or day light hours, as the season may	
_	be and shall not exceed the time limit.	
5)	The project proponent had committed that it has	Noted for compliance.
	marked 2.72 Crore as soft loan for project affected	The mine is yet to be executed.
	people for development of startups as a part of	Implementation of the same will be
	R&R budget. A progress report shall be submitted	undertaken at the start of mining operation.
	in every 6 months to the Ministry.	Locals will be encouraged & supported to start their own work. 6 monthly Progress
		report will be regularly.
6)	The project proponent shall monitor water quality	Noted for compliance.
',	with specific reference to Langelier Saturation	Water quality will be regularly monitored with
	Index to assess the impact of calcium carbonate on	specific reference to Langelier Saturation
	water quality.	Index to assess the impact of calcium
	•	carbonate on water quality.

Sr.	Conditions	Remarks
7)	The project proponent had committed that Greenbelt in 7.5 m statuary boundary will be on 15.75 ha area (39,375 Saplings) and Plantation in safety barrier, on backfilled area & on upper most 2 benches of pits will be covering ~88.203 ha area with 2,20,508 saplings. As committed, the project proponent shall start immediately and a progress report on plantation with survival rate shall be submitted every year to the Ministry.	Noted for compliance. Plantation in safety zone along ML boundary will be undertaken at the start of mining operation. Plantation in safety barrier, Backfilled area and uppermost 2 benches will be undertaken as per the mine development.
8)	The monitoring of noise and vibration shall be conducted at the edge of the mine lease and the progress report must be submitted to the Ministry in every 6 months.	Noted for compliance Noise and vibration monitoring at the edge of the mine lease will be undertaken at the start of mining operation. Monitoring reports will be submitted to the Ministry in every 6 months
9)	The fugitive dust emission through personal dust monitoring shall be conducted and the data must be submitted to the Ministry in every 6 months to the Ministry.	Noted for compliance. Fugitive dust emission through personal dust monitoring will be undertaken at the start of mining operation. Monitoring reports will be submitted to the Ministry in every 6 months
10)	The Project Proponent should periodically monitor and maintain the health records of the mine workers digitally prior to mining operations, at the time of operation of mine and post mining operations. Regular surveillance on Silicosis shall be carried through regular occupational health check-up every year for mine workers.	Noted for compliance.

Standard Conditions: -

Sr.	Conditions	Remarks
I.	Statutory Compliance	
1)	This Environmental Clearance (EC) is subject to	Noted.
	orders/ judgment of Hon'ble Supreme Court of	
	India, Hon'ble High Court, Hon'ble NGT and any	
	other Court of Law, Common Cause Conditions as	
	may be applicable.	
2)	The Project proponent complies with all the	Noted.
	statutory requirements and judgement of Hon'ble	
	Supreme Court dated 2nd August,2017 in Writ	
	Petition (Civil) No. 114 of 2014 in matter of	
	Common Cause versus Union of India & Ors before	
	commencing the mining operations.	

Sr.	Conditions	Remarks
3)	The State Government concerned shall ensure that	This is a Greenfield project.
	mining operation shall not be commenced till the	
	entire compensation levied, if any, for illegal	
	mining paid by the Project Proponent through their	
	respective Department of Mining & Geology in	
	strict compliance of Judgement of Hon'ble	
	Supreme Court dated 2nd August, 2017 in Writ	
	Petition (Civil) No. 114 of 2014 in matter of	
	Common Cause versus Union of India & Ors.	
4)	This Environmental Clearance shall become	Not Applicable.
	operational only after receiving formal NBWL	
	Clearance from MoEF&CC subsequent to the	
	recommendations of the Standing Committee of	
	National Board for Wildlife, if applicable to the	
	Project.	
5)	This Environmental Clearance shall become	Not Applicable.
	operational only after receiving formal Forest	
	Clearance (FC) under the provision of Forest	
	Conservation Act, 1980, if applicable to the Project.	
6)	Project Proponent (PP) shall obtain Consent to	Noted for compliance.
	Operate after grant of EC and effectively	
	implement all the conditions stipulated therein.	
	The mining activity shall not commence prior to	
	obtaining Consent to Establish / Consent to	
	Operate from the concerned State Pollution	
	Control Board/Committee.	
7)	The PP shall adhere to the provision of the Mines	Noted.
	Act, 1952, Mines and Mineral (Development &	
	Regulation), Act, 2015 and rules & regulations	
	made there under. PP shall adhere to various	
	circulars issued by Directorate General Mines	
	Safety (DGMS) and Indian Bureau of Mines from	
	time to time.	
8)	The Project Proponent shall obtain consents from	Noted for compliance.
	all the concerned land owners, before start of	
	mining operations, as per the provisions of MMDR	
	Act, 1957 and rules made there under in respect of	
	lands which are not owned by it.	
9)	The Project Proponent shall follow the mitigation	Noted for compliance.
	measures provided in MoEFCC's Office	
	Memorandum No. Z-11013/57/2014-IA.II (M),	
	dated 29 th October, 2014, titled "Impact of mining	
	activities on Habitations-Issues related to the	

Sr.	Conditions	Remarks
	mining Projects wherein Habitations and villages	
	are the part of mine lease areas or Habitations and	
	villages are surrounded by the mine lease area".	
10)	The Project Proponent shall obtain necessary prior	Complied.
	permission of the competent authorities for drawl	CGWA NOC has been obtained for ground
	of requisite quantity of surface water and from	water abstraction vide NOC no.
	CGWA for withdrawal of ground water for the	CGWA/NOC/MIN/ORIG/2021/13708 dated
	project.	12/11/2021 and valid up to 11/11/2023. We
		would like to mention that the Mine is yet to be
		executed & registered. Hence, the mining
		operations has not been started and we have neither constructed any of the proposed Tube
		well(s) for ground water abstraction nor
		abstracted any groundwater during the validity
		period of No Objection Certificate. DCBL has
		applied for Extension of existing NOC vide
		Letter dated 08.08.2023. Extension of NOC is
		in process. Copy of the same is attached
		herewith this Half-yearly compliance report
		as Annexure I .
11)	A copy of EC letter will be marked to concerned	
	Panchayat / local NGO etc. if any, from whom	
	suggestion / representation has been received	
	while processing the proposal.	
12)	State Pollution Control Board/Committee shall be	
	responsible for display of this EC letter at its	
	Regional office, District Industries Centre and	
12)	Collector's office/ Tehsildar's Office for 30 days.	Committee
13)	The Project Authorities should widely advertise	Complied.
	about the grant of this EC letter by printing the same in at least two local newspapers, one of	A public notice informing about the grant of EC of proposed mine was published in two
	which shall be in vernacular language of the	newspapers named "Time of India & Dainik
	concerned area. The advertisement shall be done	Bhaskar" in English as well as in Hindi
	within 7 days of the issue of the clearance letter	respectively. Copy of the same has been
	mentioning that the instant project has been	submitted along with previous Half-yearly
	accorded EC and copy of the EC letter is available	compliance report. (Copy attached as
	with the State Pollution Control Board/Committee	Annexure II)
	and web site of the Ministry of Environment,	,
	Forest and Climate Change (www.parivesh.nic.in).	
	A copy of the advertisement may be forwarded to	
	the concerned MoEFCC Regional Office for	
	compliance and record.	
14)	The Project Proponent shall inform the MoEF&CC	Noted.
	for any change in ownership of the mining lease. In	

Sr.	Conditions	Remarks
	case there is any change in ownership or mining	
	lease is transferred than mining operation shall	
	only be carried out after transfer of EC as per	
	provisions of the para 11 of EIA Notification, 2006	
	as amended from time to time.	
II.	Air quality monitoring and preservation	
15)	The Project Proponent shall install a minimum of 3	Noted for Compliance during operation.
	(three) online Ambient Air Quality Monitoring	
	Stations with 1 (one) in upwind and 2 (two) in	
	downwind direction based on long term	
	climatological data about wind direction such that	
	an angle of 120° is made between the monitoring	
	locations to monitor critical parameters, relevant	
	for mining operations, of air pollution viz. PM10,	
	PM2.5, NO2; CO and SO2 etc. as per the	
	methodology mentioned in NAAQS Notification	
	No. B-29016/20/90/PCUI, dated 18.11.2009	
	covering the aspects of transportation and use of	
	heavy machinery in the impact zone. The ambient	
	air quality shall also be monitored at prominent	
	places like office building, canteen etc. as per the	
	site condition to ascertain the exposure	
	characteristics at specific places. The above data	
	shall be digitally displayed within 03 months in	
	front of the main Gate of the mine site.	
16)	Effective safeguard measures for prevention of	Noted for Compliance during operation.
	dust generation and subsequent suppression (like	All mitigation measures will be undertaken to
	regular water sprinkling, metalled road	control fugitive emission such as water
	construction etc.) shall be carried out in areas	sprinkling, bag filter/dry fog system at crusher
	prone to air pollution wherein high levels of PM10	etc. Plantation will also be done which will
	and PM2.5 are evident such as haul road, loading	help to control fugitive emission.
	and unloading point and transfer points. The	
	Fugitive dust emissions from all sources shall be	
	regularly controlled by installation of required	
	equipments/ machineries and preventive	
	maintenance. Use of suitable water-soluble	
	chemical dust suppressing agents may be explored	
	for better effectiveness of dust control system. It	
	shall be ensured that air pollution level conform to	
	the standards prescribed by the MoEFCC/ Central	
	Pollution Control Board.	
III.	Water quality monitoring and preservation	

Sr.	Conditions	Remarks
17)	In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydrogeological study of the area.	Complied. Detailed Hydrogeological study have been undertaken by Enkay Enviro Services Pvt. Ltd., Jaipur for Hydro-geological evaluation during grant of EC. As per the study, the water level varies from 75mbgl to 80mbgl in pre-monsoon and 70mbgl to 75mbgl in post monsoon. The depth of mining pit during first plan period (five years) is 414 MSL (16m bgl) and the ultimate pit limit will be about 344 MSL (84 mbgl). Hence, ground water seepage is anticipated during the course of mining in block 2 & 3 after plan period. CGWA NOC has been obtained for ground water abstraction & Seepage vide NOC no. CGWA/NOC/MIN/ORIG/2021/13708 dated 12/11/2021. DCBL has applied for Extension of existing NOC vide Letter dated 08.08.2023. Extension of NOC is in process. Copy of the same is attached herewith this Half-yearly compliance report as Annexure I. Copy of Hydrogeological Study report has been submitted along with previous Half-
18)	Regular monitoring of the flow rate of the springs and perennial nallahs flowing in and around the mine lease shall be carried out and records maintain. The natural water bodies and or streams which are flowing in an around the village, should not be disturbed. The Water Table should be nurtured so as not to go down below the premining period. In case of any water scarcity in the area, the Project Proponent has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug wall located in village should be incorporated to ascertain the impact of mining over ground water table. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.	Noted for compliance during operation of the mine.

Sr.	Conditions	Remarks
19)	Project Proponent shall regularly monitor and	Noted for compliance during operation.
	maintain records w.r.t. ground water level and	
	quality in and around the mine lease by	
	establishing a network of existing wells as well as	
	new piezo-meter installations during the mining	
	operation in consultation with Central Ground	
	Water Authority/ State Ground Water	
	Department. The Report on changes in Ground	
	water level and quality shall be submitted on six-	
	monthly basis to the Regional Office of the	
	Ministry, CGWA and State Groundwater	
	Department / State Pollution Control Board.	
20)	The Project Proponent shall undertake regular	Noted for compliance during operation of
	monitoring of natural water course/ water	the mine.
	resources/ springs and perennial nallahs existing/	
	flowing in and around the mine lease and maintain	
	its records. The project proponent shall undertake	
	regular monitoring of water quality upstream and	
	downstream of water bodies passing within and	
	nearby/ adjacent to the mine lease and maintain	
	its records. Sufficient number of gullies shall be	
	provided at appropriate places within the lease for	
	management of water. PP shall carryout regular	
	monitoring w.r.t. pH and included the same in	
	monitoring plan. The parameters to be monitored	
	shall include their water quality vis-à-vis suitability	
	for usage as per CPCB criteria and flow rate. It shall	
	be ensured that no obstruction and/ or alteration	
	be made to water bodies during mining operations	
	without justification and prior approval of	
	MoEFCC. The monitoring of water courses/ bodies	
	existing in lease area shall be carried out four times	
	in a year viz. pre- monsoon (April-May), monsoon	
	(August), post-monsoon (November) and winter	
	(January) and the record of monitored data may be	
	sent regularly to Ministry of Environment, Forest	
	and Climate Change and its Regional Office, Central	
	Ground Water Authority and Regional Director,	
	Central Ground Water Board, State Pollution	
	Control Board and Central Pollution Control Board.	
	Clearly showing the trend analysis on six-monthly	
	basis.	
21)	Quality of polluted water generated from mining	Noted for compliance.
	operations which include Chemical Oxygen	

Sr.	Conditions	Remarks
22)	Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J-20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.	Noted for Compliance
22)	Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEFCC annually.	Noted for Compliance. Hydrogeological Study including Rain Water Harvesting Plan was prepared and submitted to CGWA along with the Application for NOC. NOC has been obtained from CGWA vide NOC NOC no. CGWA/NOC/MIN/ORIG/2021/13708 dated 12/11/2021. DCBL has applied for Extension of existing NOC vide Letter dated 08.08.2023. Extension of NOC is in process. Copy of the same is attached herewith this Half-yearly compliance report as Annexure I. Rain water harvesting plan, submitted to CGWA, will be implemented.
23)	Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.	Noted for compliance. At present, mine is not executed. However, during operation of mine, it will be ensured that the effluent generated from the workshop, when established, will be treated properly to conform to the prescribed standards. No waste water will be discharged in natural drain or out of ML boundary.
24)	The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC and State Pollution Control Board/Committee.	Noted for compliance. Measures will be taken to reduce the water consumption such as use of treated water, use of sprinklers etc. However, later, the rainwater accumulated in the mine pit as and when developed, will augment the water requirement of the project except domestic requirement.
IV.	Noise and vibration monitoring and prevention	

Sr.	Conditions	Remarks
25)	The peak particle velocity at 500m distance or	Noted for compliance.
	within the nearest habitation, whichever is closer	·
	shall be monitored periodically as per applicable	
	DGMS guidelines.	
26)	The illumination and sound at night at project sites	Noted for compliance.
	disturb the villages in respect of both human and	
	animal population. Consequent sleeping disorders	
	and stress may affect the health in the villages	
	located close to mining operations. Habitations	
	have a right for darkness and minimal noise levels	
	at night. PPs must ensure that the biological clock	
	of the villages is not disturbed; by orienting the	
	floodlights/ masks away from the villagers and	
	keeping the noise levels well within the prescribed	
	limits for day /night hours.	
27)	The Project Proponent shall take measures for	Noted for compliance during operation of
	control of noise levels below 85 dBA in the work	mine.
	environment. The workers engaged in operations	Adequate measures, detailed in EIA/EMP and
	of HEMM, etc. should be provided with ear plugs	Mining plan, shall be implemented to control
	/muffs. All personnel including laborers working in	the noise level below 85 dBA in the work
	dusty areas shall be provided with protective	environment. PPE will be provided to all
	respiratory devices along with adequate training,	workers engaged in operations of HEMM,
	awareness and information on safety and health	working in dusty area etc. Awareness training
	aspects. The PP shall be held responsible in case it	programs about safety and health aspects will
	has been found that workers/ personals/ laborers	also be arranged.
	are working without personal protective	
	equipment.	
V.	Mining Plan	
28)	The Project Proponent shall adhere to the working	Noted for compliance during operation of
	parameters of mining plan which was submitted at	mine.
	the time of EC appraisal wherein year-wise plan	Mining will be done as per the IBM approved
	was mentioned for total excavation i.e. quantum of	Mining Plan & Progressive Mine Closure Plan.
	mineral, waste, over burden, inter burden and top	
	soil etc. No change in basic mining proposal like	
	mining technology, total excavation, mineral &	
	waste production, lease area and scope of working	
	(viz. method of mining, overburden & dump	
	management, O.B & dump mining, mineral	
	transportation mode, ultimate depth of mining	
	etc.) shall not be carried out without prior approval	
	of the Ministry of Environment, Forest and Climate	
	Change, which entail adverse environmental	
	impacts, even if it is a part of approved mining plan	

Sr.	Conditions	Remarks
	modified after grant of EC or granted by State Govt.	
	in the form to Short Term Permit (STP), Query	
	license or any other name.	
29)	The Project Proponent shall get the Final Mine	Noted for compliance during operation of
	Closure Plan along with Financial Assurance	mine.
	approved from Indian Bureau of	Mining will be done as per the IBM approved
	Mines/Department of Mining & Geology as	mining plan.
	required under the Provision of the MMDR Act,	
	1957 and Rules/ Guidelines made there under. A	
	copy of approved final mine closure plan shall be	
	submitted within 2 months of the approval of the	
	same from the competent authority to the concerned Regional Office of the Ministry of	
	Environment, Forest and Climate Change for	
	record and verification.	
30)	The land-use of the mine lease area at various	Noted for compliance.
,	stages of mining scheme as well as at the end-of-	Mining operation and reclamation-
	life shall be governed as per the approved Mining	rehabilitation of mined out area will be
	Plan. The excavation vis-à-vis backfilling in the	carried out in accordance with the approved
	mine lease area and corresponding afforestation	mining plan & progressive mine closure plan.
	to be raised in the reclaimed area shall be	
	governed as per approved mining plan. PP shall	
	ensure the monitoring and management of	
	rehabilitated areas until the vegetation becomes	
	self-sustaining. The compliance status shall be	
	submitted half-yearly to the MoEFCC and its	
\"	concerned Regional Office.	
VI.	Land reclamation	Noted for compliance
31)	The Overburden (O.B.) generated during the mining operations shall be stacked at earmarked	Noted for compliance.
	OB dump site(s) only and it should not be kept	Generated OB and Topsoil will be managed as per the approved mining plan during
	active for a long period of time. The physical	operation of the mine. Both will be stacked
	parameters of the OB dumps like height, width and	separately at the earmarked place and
	angle of slope shall be governed as per the	physical parameters of the dumps will be
	approved Mining Plan as per the	maintained as per approved mining plan and
	guidelines/circulars issued by D.G.M.S w.r.t. safety	as per the guidelines/circulars issued
	in mining operations shall be strictly adhered to	by D.G.M.S.
	maintain the stability of top soil/OB dumps. The	As per the Approved Mining Plan, overburden
	topsoil shall be used for land reclamation and	generated will be used for backfilling. Top Soil
	plantation.	will be used for greenbelt/plantation
		development.
32)	The reject/waste generated during the mining	Noted for compliance during operation
	operations shall be stacked at earmarked waste	phase.

Sr.	Conditions	Remarks
	dump site(s) only. The physical parameters of the	
	waste dumps like height, width and angle of slope	
	shall be governed as per the approved Mining Plan	
	as per the guidelines/circulars issued by DGMS	
	w.r.t. safety in mining operations shall be strictly	
	adhered to maintain the stability of waste dumps.	
33)	The reclamation of waste dump sites shall be done	Noted for compliance during operation
	in scientific manner as per the Approved Mining	phase.
	Plan cum Progressive Mine Closure Plan.	
34)	The slope of dumps shall be vegetated in scientific	Noted for compliance during operation
	manner with suitable native species to maintain	phase.
	the slope stability, prevent erosion and surface run	
	off. The selection of local species regulates local	
	climatic parameters and help in adaptation of plant	
	species to the microclimate. The gullies formed on	
	slopes should be adequately taken care of as it	
	impacts the overall stability of dumps. The dump	
	mass should be consolidated with the help of dozer/compactors thereby ensuring proper filling/	
	leveling of dump mass. In critical areas, use of geo	
	textiles/ geo-membranes / clay liners / Bentonite	
	etc. shall be undertaken for stabilization of the	
	dump.	
35)	The Project Proponent shall carry out slope	Noted.
00,	stability study in case the dump height is more than	As per the IBM approved Mining Plan,
	30 meters. The slope stability report shall be	Maximum height of the dump shall be kept at
	submitted to concerned regional office of	24 m.
	MoEF&CC.	
36)	Catch drains, settling tanks and siltation ponds of	Noted for compliance.
	appropriate size shall be constructed around the	Retaining wall and garland drain along with
	mine working, mineral yards and Top	settling tank & siltation ponds will be
	Soil/OB/Waste dumps to prevent run off of water	developed as per the approved mining plan,
	and flow of sediments directly into the water	to collect surface run off. Clean & clear water
	bodies (Nallah/ River/ Pond etc.). The collected	after proper sedimentation will be discharged
	water should be utilized for watering the mine	in natural drainage.
	area, roads, green belt development, plantation	
	etc. The drains/ sedimentation sumps etc. shall be	
	de-silted regularly, particularly after monsoon	
	season, and maintained properly.	
37)	Check dams of appropriate size, gradient and	Noted for compliance during operation of
	length shall be constructed around mine pit and OB	mine.
	dumps to prevent storm run-off and sediment flow	
	into adjoining water bodies. A safety margin of	

Sr.	Conditions	Remarks
	50% shall be kept for designing of sump structures	
	over and above peak rainfall (based on 50 years	
	data) and maximum discharge in the mine and its	
	adjoining area which shall also help in providing	
	adequate retention time period thereby allowing	
	proper settling of sediments/ silt material. The	
	sedimentation pits/ sumps shall be constructed at	
	the corners of the garland drains.	
38)	The top soil, if any, shall temporarily be stored at	Noted for compliance.
	earmarked site(s) within the mine lease only and	Top soil will be temporarily dumped at
	should not be kept unutilized for long. The physical	earmarked place and will be used for Green
	parameters of the top soil dumps like height, width	Belt/plantation.
	and angle of slope shall be governed as per the	The physical parameters of the top soil dumps
	approved Mining Plan and as per the guidelines	will be maintained with implementation of
	framed by DGMS w.r.t. safety in mining operations	measures as per the approved Mining Plan
	shall be strictly adhered to maintain the stability of	and as per the guidelines framed by DGMS.
	dumps. The topsoil shall be used for land	,
	reclamation and plantation purpose.	
VII.	Transportation	
39)	No Transportation of the minerals shall be allowed	Noted for compliance during operation of
	in case of roads passing through villages/	mine.
	habitations. In such cases, PP shall construct a	It is a non-captive mine. The part of the
	'bypass' road for the purpose of transportation of	limestone will be transported to the cement
	the minerals leaving an adequate gap (say at least	plant of the subsidiary company and part may
	200 meters) so that the adverse impact of sound	also be sold to other cement plants & end use
	and dust along with chances of accidents could be	industries.
	mitigated. All costs resulting from widening and	There is NH 56 passing through the lease.
	strengthening of existing public road network shall	Transportation will be done by NH-56. For
	be borne by the PP in consultation with nodal State	transportation of crushed limestone from the
	Govt. Department. Transportation of minerals	proposed mine to the end use plants, it is
	through road movement in case of existing village/	proposed to use about 200 m of MDR road to
	rural roads shall be allowed in consultation with	connect to NH-56 and thereafter will use NH-
	nodal State Govt. Department only after required	56. For the remaining distance of about 1.5
	strengthening such that the carrying capacity of	km towards our proposed cement plant,
	roads is increased to handle the traffic load. The	underpass will be used to cross the NH-56 and
	pollution due to transportation load on the	thereafter will use the side lane of NH-56 to
	environment will be effectively controlled and	connect to 2 lane of 15 m wide road, mainly
	water sprinkling will also be done regularly.	used by the industry located nearby which
	Vehicular emissions shall be kept under control	connects our proposed cement plant. Roads
	and regularly monitored. Project should obtain	are not passing through any village.
	Pollution Under Control (PUC) certificate for all the	
	` '	
	vehicles from authorized pollution testing centers.	

Sr.	Conditions	Remarks
40)	The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.	Noted for compliance during operation of mine.
VIII.	Green Belt	
41)	The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.	Noted for Compliance. Safety barrier (No mining zone) of 7.5m is demarcated along the ML boundary in mining area, as per approved mining plan and greenbelt will be developed as per guidelines of CPCB as well as the granted Environmental clearance irrespective of the stipulation made in approved mine plan.
42)	The Project Proponent shall carryout plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.	Noted for Compliance.

Sr.	Conditions	Remarks
43)	The Project Proponent shall make necessary	Noted for Compliance.
	alternative arrangements for livestock feed by	
	developing grazing land with a view to compensate	
	those areas which are coming within the mine	
	lease. The development of such grazing land shall	
	be done in consultation with the State	
	Government. In this regard, Project Proponent	
	should essentially implement the directions of the	
	Hon'ble Supreme Court with regard to acquisition	
	of grazing land. The sparse trees on such grazing	
	ground, which provide mid-day shelter from the	
	scorching sun, should be scrupulously guarded/	
	protected against felling and plantation of such	
	trees should be promoted.	
44)	The Project Proponent shall undertake all	Complied.
	precautionary measures for conservation and	There are 6 Scheduled-I species within study
	protection of endangered flora and fauna and	area. A WildLife Conservation Plan (WLCP) for
	Schedule-I species during mining operation. A	these 6 Scheduled-I species with a total
	Wildlife Conservation Plan shall be prepared for	budget of Rs. 267 lacs, was prepared and the
	the same clearly delineating action to be taken for	same was approved by Principal Chief
	conservation of flora and fauna. The Plan shall be	Conservator of Forests & Chief Wildlife
	approved by Chief Wild Life Warden of the State	Warden, Rajasthan vide letter no. एफ
	Govt.	11(422) विकास -॥ /मुवजीप्र/2020-21 /292
		dated 10 th March 2022. Copy of the same has
		been submitted along with previous Half-
		yearly compliance report.
45)	And implemented in consultation with the State	WildLife Conservation Plan (WLCP) of 6
	Forest and Wildlife Department. A copy of Wildlife	Scheduled-I species approved by PCCF &
	Conservation Plan and its implementation status	CWLW, Rajasthan vide letter no. dated 10 th
	(annual) shall be submitted to the Regional Office	March 2022. Copy of the same has been
	of the Ministry.	submitted along with previous Half-yearly
		compliance report.
IX.	Public hearing and human health issues	
46)	The Project Proponent shall appoint an	Noted for compliance during operation of
	Occupational Health Specialist for Regular as well	mine.
	as Periodical medical examination of the workers	Pre-employment and Periodic health check-
	engaged in the mining activities, as per the DGMS	up as stipulated in condition will be
	guidelines. The records shall be maintained	undertaken and details will be submitted to
	properly. PP shall also carryout Occupational	RO, MoEF&CC & DGMS. An Occupational
	health check-ups in respect of workers which are	Health Specialist for Regular as well as
	having ailments like BP, diabetes, habitual	Periodical medical examination of the
	smoking, etc. The check-ups shall be undertaken	workers will also be engaged during operation
	once in six months and necessary remedial/	of mine.

Sr.	Conditions	Remarks
	preventive measures be taken. A status report on	
	the same may be sent to MoEFCC Regional Office	
	and DGMS on half-yearly basis.	
47)	The Project Proponent must demonstrate	Noted for compliance during operation of
	commitment to work towards 'Zero Harm' from	mine.
	their mining activities and carry out Health Risk	
	Assessment (HRA) for identification workplace	
	hazards and assess their potential risks to health	
	and determine appropriate control measures to	
	protect the health and wellbeing of workers and	
	nearby community. The proponent shall maintain	
	accurate and systematic records of the HRA. The	
	HRA for neighborhood has to focus on Public	
	Health Problems like Malaria, Tuberculosis, HIV,	
	Anaemia, Diarrhoea in children under five,	
	respiratory infections due to bio mass cooking. The	
	proponent shall also create awareness and	
	educate the nearby community and workers for Sanitation, Personal Hygiene, Hand washing, not to	
	defecate in open, Women Health and Hygiene	
	(Providing Sanitary Napkins), hazard of tobacco	
	and alcohol use. The Proponent shall carryout base	
	line HRA for all the category of workers and	
	thereafter every five years.	
48)	The Proponent shall carry out Occupational health	Noted for compliance during operation of
,	surveillance which be a part of HRA and include	mine.
	Biological Monitoring where practical and feasible,	
	and the tests and investigations relevant to the	
	exposure (e.g. for Dust a X-Ray chest; For Noise	
	Audiometric; for Lead Exposure Blood Lead, For	
	Welders Full Ophthalmologic Assessment; for	
	Manganese Miners a complete Neurological	
	Assessment by a Certified Neurologist, and	
	Manganese (Mn) Estimation in Blood; For	
	Inorganic Chromium- Fortnightly skin inspection of	
	hands and forearms by a responsible person.	
	Except routine tests all tests would be carried out	
	in a Lab accredited by NABH. Records of Health	
	Surveillance must be kept for 30 years, including	
	the results of and the records of Physical	
	examination and tests. The record of exposure due	
	to materials like Asbestos, Hard Rock Mining, Silica,	
	Gold, Kaolin, Aluminium, Iron, Manganese,	
	Chromium, Lead, Uranium need to be handed over	

Sr.	Conditions	Remarks
	to the Mining Department of the State in case the	
	life of the mine is less than 30 years. It would be	
	obligatory for the State Mines Departments to	
	make arrangements for the safe and secure	
	storage of the records including X-Ray. Only	
	conventional X-Ray will be accepted for record	
	purposes and not the digital one). X-Ray must meet	
	ILO criteria (17 x14 inches and of good quality).	
49)	The Proponent shall maintain a record of	Noted for compliance during operation of
	performance indicators for workers which includes	mine.
	(a) there should not be a significant decline in their	
	Body Mass Index and it should stay between 18.5 -	
	24.9, (b) the Final Chest X-Ray compared with the	
	base line X-Ray should not show any capacities, (c)	
	At the end of their leaving job there should be no	
	Diminution in their Lung Functions Forced	
	Expiratory Volume in one second (FEV1), Forced	
	Vital Capacity (FVC), and the ratio) unless they are	
	smokers which has to be adjusted, and the effect	
	of age, (d) their hearing should not be affected. As	
	a proof an Audiogram (first and last need to be	
	presented), (e) they should not have developed	
	any Persistent Back Pain, Neck Pain, and the	
	movement of their Hip, Knee and other joints	
	should have normal range of movement, (f) they	
	should not have suffered loss of any body part. The	
	record of the same should be submitted to the	
	Regional Office, MoEFCC annually along with	
	details of the relief and compensation paid to	
	workers having above indications.	
50)	The Project Proponent shall ensure that Personnel	Noted for compliance.
	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.	
51)	Project Proponent shall make provision for the	Noted for compliance during site
	housing for workers/labors or shall construct labor	development activities.
	camps within/outside (company owned land) with	It's a mining project and no major
	necessary basic: infrastructure/ facilities like fuel	construction activities will be involved except
	for cooking, mobile toilets, mobile STP, safe	a mine office.
	drinking water, medical health care, creche for kids	Necessary arrangements such as rest shelter,
	etc. The housing may be provided in the form of	drinking water, mobile toilets, Medical health
	temporary structures which can be removed after	care etc. will be provided for the workers.
	the completion of the project related	

Sr.	Conditions	Remarks
	infrastructure. The domestic waste water should	
	be treated with STP in order to avoid	
	contamination of underground water.	
52)	The activities proposed in Action plan prepared for	Noted for compliance.
	addressing the issues raised during the Public	A time bound action plan was prepared on the
	Hearing shall be completed as per the budgetary	basis of issues raised during public hearing
	provisions mentioned in the Action Plan and within	and submitted during appraisal.
	the stipulated time frame.	The same will be undertaken during operation
	The Status Report on implementation of Action	of mine and Status report of implementation
	Plan shall be submitted to the concerned Regional	will be submitted along with Half Yearly
	Office of the Ministry along with District	Compliance report.
	Administration.	
X.	Corporate Environment Responsibility (CER)	
53)	The activities and budget earmarked for Corporate	Noted for compliance.
	Environmental Responsibility (CER) as per	In line with the MoEF&CC O.M. No. F. No. 22-
	Ministry's O.M. No. 22-65/2017-IA. II (M) dated	65/2017-IA.III dated 30.09.2020 &
	01.05.2018 or as proposed by EAC should be kept	20.10.2020, a time bound action plan was
	in a separate bank account. The activities proposed	prepared on the basis of issues raised during
	for CER shall be implemented in a time bound	public hearing and submitted during
	manner and annual report of implementation of	appraisal. The same will be undertaken during
	the same along with documentary proof viz.	operation of mine and Status report of
	photographs, purchase documents, latitude &	implementation will be submitted along with
	longitude of infrastructure developed & road	Half Yearly Compliance report.
	constructed needs to be submitted to Regional	
	Office MoEF&CC annually along with audited	
54	statement.	Nicked for consultance
54)	Project Proponent shall keep the funds earmarked	Noted for compliance.
	for environmental protection measures in a	
	separate account and refrain from diverting the	
	same for other purposes. The Year wise	
	expenditure of such funds should be reported to the MoEFCC and its concerned Regional Office.	
XI.	Miscellaneous	
55)	The Project Proponent shall prepare digital map	Noted for compliance.
اردد	(land use & land cover) of the entire lease area	Noted for compliance.
	once in five years purpose of monitoring land use	
	pattern and submit a report to concerned Regional	
	Office of the MoEF&CC.	
56)	The Project Authorities should inform to the	Noted for compliance.
	Regional Office regarding date of financial closures	
	and final approval of the project by the concerned	
	authorities and the date of start of land	
	development work.	
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Sr.	Conditions	Remarks
57)	The Project Proponent shall submit six monthly	Noted for compliance.
	compliance reports on the status of the	
	implementation of the stipulated environmental	
	safeguards to the MOEFCC & its concerned	
	Regional Office, Central Pollution Control Board	
	and State Pollution Control Board.	
58)	A separate 'Environmental Management Cell' with	Noted for compliance.
	suitable qualified manpower should be set up	
	under the control of a Senior Executive. The Senior	
	Executive shall directly report to Head of the	
	Organization. Adequate number of qualified	
	Environmental Scientists and Mining Engineers	
	shall be appointed and submit a report to RO,	
	MoEF&CC.	
59)	The concerned Regional Office of the MoEF&CC	Noted.
	shall randomly monitor compliance of the	
	stipulated conditions. The project authorities	
	should extend full cooperation to the MoEF&CC	
	officer(s) by furnishing the requisite data /	
	information/ monitoring reports.	
20.	The Ministry or any other competent authority	Noted.
	may alter/modify the above conditions or stipulate	
	any further condition in the interest of	
	environment protection.	
21.	Concealing factual data failure to comply with any	Noted.
	or submission of false/ fabricated data and of the	
	conditions mentioned above may result in	
	withdrawal of this clearance and attract action	
	under the provisions of Environment (Protection)	
	Act, 1986.	
22.	The above conditions will be enforced inter·alia,	Noted.
	under the provisions of the Water (Prevention &	
	Control of Pollution) Act, 197 4, the Air (Prevention	
	& Control of Pollution) Act, 1981, the Environment	
	(Protection) Act, 1986 and the Public Liability	
	Insurance Act, 1991 along with their amendments	
	and rules made there under and also any other	
	orders passed by the Hon'ble Supreme Court of	
	India/High Court and any other Court of Law	
	relating to the subject matter.	
23.	Any appeal against this environmental clearance	Noted.
	shall lie with the National Green Tribunal, if	
	preferred, within a period of 30 days as prescribed	

Sr.	Conditions	Remarks
	under Section 16 of the National Green Tribunal	
	Act, 2010.	