

EC Conditions Six Monthly Compliance Report

(by Project Proponent)



Proposal No : IA/MP/MIN/76001/2018

1. Name of the Entity / Corporate Office :

2. Proponent Details :

Proponent Name :	Manoj	Designation :	Asst VP Mines
Telephone No :	7672-275621	Mobile No :	+91 7036660794
Fax No :	7672-	Email Address :	manoj.singh@prismjohnson.in
Website :	http://prismjohnson.in	Pin Code :	485111
State :	Madhya Pradesh	District :	Satna
Village/Town :			





3. Compliance Letter/Report (Proponent):





4. Summary Status of Compliance :


Total Condition :	112		
Complied :	65	Being Complied :	22
Not Complied :	0	Partially Complied :	0
Agreed to Comply :	25		

5. Details of Production and Project Area : 6. Specific Conditions (Proponent):

S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	The Project Proponent shall undertake the plantation in peripheral zone and ensure that the plantation in peripheral zone and	Being Complied	Plantation will be done in phase manner. 500 nos of saplings have been planted	N/A	


	plantation along haul roads should be completed within 3 years from the date of commencement of mining operations with at least 90% survival rate. Causalities of the previous year should be replaced other than the saplings proposed to be planted every year. PP shall provide tree guard to maintain the early stages of plant growth.		on the periphery of the lease during FY 2022-23 (till September 2022)		
2	The Project Proponent shall obtain the NOC from CGWA for intersection of ground water table.	Complied	NOC no. CGWA/NOC/MIN/ORIG/2022/ valid from 23/03/22 to 22/03/24.		
3	Regular surveillance on Silicosis shall be carried through regular occupational health checkup of 1/3 of the persons every year.	Complied	The OHC has been conducted in November 2022 however the reports of the same have not been received yet. A copy of PO has been attached		
4	The Project Proponent shall strictly adhere that the transport of limestone shall be from 8 AM to 8 PM with 25 Ton Tipper with maximum speed of 20 km/hr on public road.	Complied	Agreed	N/A	
5	The Project Proponent shall conduct the detailed hydrogeological study and obtain the NOC/permission from CGWA before intersection of ground water table. The mining operations shall be restricted to above ground water table and it should not intersect the ground water table till obtain the NCDC from the CCWA.	Complied	NOC no. CGWA/NOC/MIN/ORIG/2022/ valid from 23/03/22 to 22/03/24.		
6	The Project Proponent shall implement the Rehabilitation of project affected families (PAFs) and payment of compensation to PAFs as per the policy and guidelines of the Central/State Government, as provided under the law.	Complied	Compensation to the PAFs will be as per the policy and guidelines of Madhya Pradesh Govt. and Madhya Pradesh Land Revenue Code, 1959.	N/A	
7	The topsoil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.	Complied	The top soil is being/ will be stacked at earmarked location as per the approved mining plan which will then be used for plantation and reclamation purpose.	N/A	
8	The Project Proponent shall provide the fresh gas connection to 245 households and 2 no of cylinders per annum.	Being Complied	Time bound Action Plan regarding the same has been sent to the MoEFCC vide letter PJL/MIN/C&M/2022-01A dated 14/03/22.		
9	The Project Proponent should undertake regular monitoring of ground water level and	Complied	Regular monitoring is being/ will be done for the	N/A	


	surface water quality and take preventive measures for protection of water bodies within the lease area as well as nearby the mines.		groundwater level and surface water quality. Safety barrier of 50 m is left from the water bodies within mining lease boundary.		
10	The budget of Ps 1.65 Crores to address the concerns raised by the public including in the public hearing to be completed within 3 years from the date of start of mining operations.	Being Complied	Time bound Action Plan present status is attached.	N/A	
11	Regular surveillance on Silicosis shall be carried through regular occupational health checkup of 1/3 of the persons every year.	Being Complied	Occupational health checkup report is enclosed		
12	The budget of Ps 1.65 Crores to address the concerns raised by the public including in the public hearing to be completed within 3 years from the date of start of mining operations.	Being Complied	Time bound action plan present status is attached		
13	The Project Proponent shall strictly adhere that the transport of limestone shall be from 8 AM to 8 PM with 25 Ton Tipper with maximum speed of 20 km/hr on public road.	Being Complied	Agreed.	N/A	
14	The Project Proponent shall undertake the plantation in peripheral zone and ensure that the plantation in peripheral zone and plantation along haul roads should be completed within 3 years from the date of commencement of mining operations with at least 90% survival rate. Causalities of the previous year should be replaced other than the saplings proposed to be planted every year. PP shall provide tree guard to maintain the early stages of plant growth.	Being Complied	Plantation will be done in phase manner. 500 nos of saplings have been planted on the periphery of the lease during FY 2022-23.	N/A	
15	The Project Proponent shall obtain the NOC from CGWA for intersection of ground water table.	Complied	NOC no. CGWA/NOC/MIN/ORIG/2022/ valid from 23/03/22 to 22/03/24.		
16	Regular surveillance on Silicosis shall be carried through regular occupational health checkup of 1/3 of the persons every year.	Complied	The OHC has been conducted in November 2022.	N/A	
17	The Project Proponent shall strictly adhere that the transport of limestone shall be from 8 AM to 8 PM with 25 Ton Tipper with maximum speed of 20 km/hr on public road.	Complied	Agreed	N/A	
18	The Project Proponent shall conduct the detailed hydrogeological study and obtain the NOC/permission from CGWA before intersection of ground water table. The mining operations shall be restricted to above ground water table and it should not intersect the	Complied	NOC no. CGWA/NOC/MIN/ORIG/2022/ valid from 23/03/22 to 22/03/24.		




	ground water table till obtain the NOC from the CCWA.				
19	The Project Proponent shall implement the Rehabilitation of project affected families (PAFs) and payment of compensation to PAFs as per the policy and guidelines of the Central/State Government, as provided under the law.	Complied	Compensation to the PAFs will be as per the policy and guidelines of Madhya Pradesh Govt. and Madhya Pradesh Land Revenue Code, 1959.	N/A	
20	The topsoil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.	Complied	The top soil is being/ will be stacked at earmarked location as per the approved mining plan which will then be used for plantation and reclamation purpose.	N/A	
21	The Project Proponent shall provide the fresh gas connection to 245 households and 2 no of cylinders per annum.	Being Complied	The Fresh Gas Connection is being provided in phase manner. In the 1st phase 62 gas connections had been provided.	N/A	
22	The Project Proponent should undertake regular monitoring of ground water level and surface water quality and take preventive measures for protection of water bodies within the lease area as well as nearby the mines.	Complied	Regular monitoring is being done for the groundwater level and surface water quality. Safety barrier of 50 m is left from the water bodies within mining lease boundary.		
23	The budget of Ps 1.65 Crores to address the concerns raised by the public including in the public hearing to be completed within 3 years from the date of start of mining operations.	Being Complied	Time bound Action Plan present status is attached.	N/A	




7. General Conditions (Proponent):



S.No	Condition	Self Declaration	Remarks / Reason	Supporting Documents	Observation of IRO
1	Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run off and sediment flow into adjoining bodies. A safety margin of 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/	Complied	Garland drains have been built to arrest silt flow and surface runoff to nearby water bodies	N/A	
2	The Project Proponent shall adhere to approved mining plan, including, total excavation (quantum of mineral, waste, over	Complied	Development and production of the mine is	N/A	


	burden, inter burden and top soil etc.); mining technology; lease area; scope of working (method of mining, overburden & dump management, OB& dump mining, mineral Mining plan mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure; land use of the mine lease area at various stages of mining scheme as well as at the end of life; etc.).		being/ will be done as per approved mining plan.		
3	The Project Proponent shall make necessary 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	Agreed to Comply	Mining is being done 1 block at a time and will be progressively backfilled(BF). This BF area will be reclaimed and rehabilitated which then maybe used by locals as grazing fields for their livestocks.	N/A	
4	The Project Proponent shall follow the mitigation measures provided in MoEFCC, Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled, "Impact of mining activities on Habitations-Issues related to the mining Projects where Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".	Agreed to Comply	Agreed	N/A	
5	The Project proponent complies with all the statutory requirements and judgment 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.	Agreed to Comply	Agreed	N/A	
6	The State Government concerned shall ensure that 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.	Agreed to Comply	Agreed	N/A	
7	The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease including upstream and downstream. Sufficient number of gullies shall be provided at appropriate places within the lease for	Complied	Regular monitoring is being carried out.		

	management of water. The parameters to be monitored shall include their water quality vis-a-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/				
8	State Pollution Control Board/Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 clays.	Complied	Agreed	N/A	
9	The Project Authorities should inform to the 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.	Complied	Intimation to RCOM, Indian Bureau of Mines vide letter MIN/PJL/2021/210300 dated 07/12/21 has been attached.		
10	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 MoEF&CC and State Pollution Control Board/Committee.	Agreed to Comply	A detailed Comprehensive Hydrological Study has been conducted and a NOC from CGWA has been obtained for a fresh water abstraction	N/A	
11	The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred. PP needs to apply for transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.	Agreed to Comply	Agreed. Shall be done as and when applicable.	N/A	
12	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	Complied	Water sprinkling is being be done by water tankers. There are no crushers, belt conveyors located at the mine site.	N/A	
13	This Environmental Clearance (EC) is subject to 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.	Agreed to Comply	Agreed	N/A	
14	In pursuant to Ministry's O.M No 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by lon'ble Supreme Court on 8.01.2020 in W.P. (Civil) No 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake regrassing the mining area and any other area which may have been disturbed due to other mining activities and	Agreed to Comply	Proper mine closure plan will be prepared and approved 12 months before the closure of the mine encompassing all the conditions stipulated and the work will be carried out as per the approved MCP	N/A	





	restore the land to a condition which is fit for growth of fodder, flora, fauna etc.				
15	The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/Committee and website of the Ministry of Environment, Forest and Climate Chan	Complied	The grant of EC was advertised in two local newspapers namely Star Samachar and Dainik Bhaskar both on date 31st July, 2021.		
16	The land-use of the mine lease area at various stages of mining scheme as well as at the end-of -life shall be governed as per the approved Mining Plan. The excavation vis-a-vis backfilling in the mine lease area and corresponding afforestation 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 th	Complied	Land use is being done as per approved mining plan and the compliance status is being/ shall be submitted on half yearly basis to concerned office.	N/A	
17	Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination 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 circ	Complied	Regular monitoring of surface water quality is being undertaken and concerned parameters is being monitored and records of monitoring are being maintained		
18	The concerned Regional Office of the MoEFCC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEFCC officer(s) by furnishing the requisite data / information / monitoring reports.	Agreed to Comply	Agreed	N/A	
19	The Project Proponent shall install a minimum of 3 (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	Being Complied	Operation has just begun in 1 block only. Installation of CAAQMS is in final stage. Meanwhile AAQM is being done manually.		


	NAAQS Notification No. 8-29016/20/90/PCI/I dated 18.1				
20	The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Greenbelt 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 Mrustry irrespective of the stipulation made in approved mine plan.	Being Complied	500 nos. of saplings have been planted in the periphery of the lease.	N/A	
21	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.	Being Complied	Rainwater harvesting structures are being/ will be built to augment groundwater resources in the study area.		
22	A separate 'Environmental Management Cell' with 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, MoEFCC.	Complied	A separate Environment Management Cell structure is set-up		
23	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 MoEECC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the ar	Complied	NOC from CGWA has been obtained for a fresh water abstraction of 3 m3/ day and dewatering capacity of 300 m3/day vide NOC no. CGWA/NOC/MIN/ORIG/2022/		
24	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 dens	Being Complied	Plantation is being done in phased manner. 500 saplings have been planted in FY 2022-23 (till September)	N/A	


25	The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC.	Agreed to Comply	Digital map is being/ shall be prepared once every five years and is being/ shall be sent to MOEFCC.	N/A	
26	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personels/ laborers are working w	Complied	Measures like, HEMM fitted with silencer, controlled blasting, proper maintenance of HEMM are being taken. Personnel working within dusty areas are provided PPEs		
27	Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified Generals prescribed from time to time. The Generals 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.	Complied	There will not be any waste water generation due to mining activities. The rainwater runoff from the dumps is being/ will be channeled through garland drains and treated by settling pond.	N/A	
28	The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Agreed to Comply	Agreed	N/A	
29	The illumination and sound at night at project sites 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 prescribe	Complied	Agreed. Noise level monitoring is being/ shall be done regularly which show that all the ambient noise levels (both, at day and night) are well within the prescribed limits of CPCB guidelines		
30	No Mining plan of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a 'bypass' road for the purpose of Mining plan of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network	Complied	Road is being properly maintained. Water is being/ will be sprinkled on the transportation road regularly. Also regular monitoring of the transport vehicle is being done to check vehicular emission.	N/A	


	shall be borne by the PP in consultation with nodal State Govt. Depa				
31	Project Proponent shall regularly monitor and 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 Departme	Complied	Regular monitoring of groundwater quality and levels is being/ will be done and proper records are being/ will be maintained. Its reports will be submitted on six monthly basis	N/A	
32	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM-10 and PM2.5 are evident such as haul road, loading 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 wa	Complied	Dust suppression measures like water sprinkling on the haul road and approach road has been done via water tanker.	N/A	
33	The Project Proponent shall submit the time bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017- IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.	Complied	Time bound Action Plan has been sent to the MoEFCC vide letter PJL/MIN/C&M/2022-01A dated 14/03/22.		
34	The Overburden (O.B.), waste and topsoil generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB / waste dumps / topsoil dump like height, width and angle of slope shall be governed as per the approved Mining Plan and the guidelines/circulars issued by D.G.M.S. The topsoil shall be used for land reclamation and plantation.	Complied	Development of the mine is being/ will be as per the approved mining plan. The top soil is being/ will be stacked separately and is being/ will be used for land reclamation and plantation only.	N/A	
35	Concealing factual data failure to comply with any or submission of false/ fabricated data and of the conditions mentioned above may result in withdrawal of this clearance and	Agreed to Comply	Agreed	N/A	


	attract action under the provisions of Environment (Protection) Act, 1986.				
36	Project Proponent shall make provision for the housing for workers/labors or shall construct labor camps within/outside (company owned land) with necessary basic infrastructure/ facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with STP	Complied	Workers working in the mine are locals and the other employees are provided with quarters in the company township.	N/A	
37	The peak particle velocity at 500m distance or within the nearest habitation whichever is closer shall be monitored periodically as per applicable DGMS guidelines.	Complied	Agreed. Ground vibration is being measured on regular basis as per DGMS guidelines.	N/A	
38	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.	Complied	A copy of the EC letter has been sent to the Concerned Panchayat.	N/A	
39	The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain 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/	Being Complied	Dumps are being stabilised by vegetating with local species and grass and bushes.	N/A	
40	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC and its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.	Complied	Is being/ will be complied with.	N/A	
41	Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/ River/ Pond etc.). The collected water should be utilized for watering the mine area, roads, Greenbelt development, plantation etc. The drains/ sedimentation sumps etc. shall be silted regularly, particularly after monsoon season, and maintained properl	Complied	Adequate distance is left from water bodies. Garland drains have been built to arrest silt and surface runoff.	N/A	



42	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personels/ laborers are working w	Complied	Agreed. Report enclosed		
43	The Project Proponent shall submit the time bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017- IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.	Being Complied	Time bound action plan present status is enclosed.		
44	A separate 'Environmental Management Cell' with 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, MoEFCC.	Complied	A separate 'Environmental Management Cell' with suitable qualified manpower has been set-up under the control of a Senior Executive.		
45	The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain 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/	Being Complied	Dumps are being stabilised by vegetating with local species and grass and bushes.	N/A	
46	A separate 'Environmental Management Cell' with 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, MoEFCC.	Complied	A separate 'Environmental Management Cell' with suitable qualified manpower has been set-up under the control of a Senior Executive.		
47	Quality of polluted water generated from mining operations which include Chemical	Complied	Report Enclosed		


	Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination 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 circ				
48	A separate 'Environmental Management Cell' with 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, MoEFCC.	Complied	Agreed. A separate 'Environmental Management Cell' with suitable qualified manpower has been be set-up under the control of a Senior Executive.		
49	Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run off and sediment flow into adjoining bodies. A safety margin of 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/	Complied	Garland drains have been built to arrest silt flow and surface runoff to nearby water bodies.	N/A	
50	The Project Proponent shall adhere to approved mining plan, including, total excavation (quantum of mineral, waste, overburden, interburden and top soil etc.); mining technology; lease area; scope of working (method of mining, overburden & dump management, OB& dump mining, mineral Mining plan mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure; land use of the mine lease area at various stages of mining scheme as well as at the end of life; etc.).	Complied	Development and production of the mine is being done as per approved mining plan.	N/A	
51	The Project Proponent shall make necessary 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	Agreed to Comply	Mining is being done 1 block at a time and will be progressively backfilled(BF). This BF area will be reclaimed and rehabilitated which then maybe used by locals as grazing fields for their livestock.	N/A	



52	The Project Proponent shall follow the mitigation measures provided in MoEFCC, Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled, "Impact of mining activities on Habitations-Issues related to the mining Projects where Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".	Agreed to Comply	Agreed	N/A	
53	The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC.	Agreed to Comply	Digital map will be prepared once every five years and will be sent to MOEFCC.	N/A	
54	The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs /muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personels/ laborers are working w	Complied	Measures like, HEMM fitted with silencer, controlled blasting, proper maintenance of HEMM are being taken. Personnel working within dusty areas are provided PPEs	N/A	
55	Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified Generals prescribed from time to time. The Generals 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.	Complied	There will not be any waste water generation due to mining activities. The rainwater runoff from the dumps will be channeled through garland drains and treated by settling pond.	N/A	
56	The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Agreed to Comply	Agreed	N/A	
57	The illumination and sound at night at project sites 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 prescribe	Complied	Agreed. Noise level monitoring is being done regularly which shows that all the ambient noise levels (both, at day and night) are well within the prescribed limits of CPCB guidelines		



58	<p>No Mining plan of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a 'bypass' road for the purpose of Mining plan of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Depa</p>	Complied	Road is being properly maintained. Water is being sprinkled on the transportation road regularly. Also regular monitoring of the transport vehicle is being done to check vehicular emission.	N/A	
59	<p>Project Proponent shall regularly monitor and 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 Departme</p>	Complied	Regular monitoring of groundwater quality and levels is being done and proper records are being maintained. Its reports will be submitted on six monthly basis		
60	<p>Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM-10 and PM2.5 are evident such as haul road, loading 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 wa</p>	Complied	Dust suppression measures like water sprinkling on the haul road and approach road has been done via water tanker.	N/A	
61	<p>The Project Proponent shall submit the time bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No.22-65/2017- IA.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.</p>	Being Complied	Time bound Action Plan present status is attached.	N/A	
62	<p>The Overburden (O.B.), waste and topsoil generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB / waste dumps / topsoil dump like height,</p>	Complied	Development of the mine is being as per the approved mining plan. The top soil is being stacked separately and is being/ will be used	N/A	

	width and angle of slope shall be governed as per the approved Mining Plan and the guidelines/circulars issued by D.G.M.S. The topsoil shall be used for land reclamation and plantation.		for land reclamation and plantation only.		
63	Concealing factual data failure to comply with any 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.	Agreed to Comply	Agreed	N/A	
64	Project Proponent shall make provision for the housing for workers/labors or shall construct labor camps within/outside (company owned land) with necessary basic infrastructure/ facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with STP	Complied	Workers working in the mine are locals and the other employees are provided with quarters in the company township.	N/A	
65	The peak particle velocity at 500m distance or within the nearest habitation whichever is closer shall be monitored periodically as per applicable DGMS guidelines.	Complied	Agreed. Ground vibration is being measured on regular basis as per DGMS guidelines.	N/A	
66	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.	Complied	A copy of the EC letter has been sent to the Concerned Panchayat.		
67	The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain 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/	Being Complied	Dumps are being stabilised by vegetating with local species and grass and bushes.	N/A	
68	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC and its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.	Complied	Is being complied with.	N/A	
69	Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and	Complied	Adequate distance is left from water bodies. Garland drains have been built to	N/A	

	Top Soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallah/ River/ Pond etc.). The collected water should be utilized for watering the mine area, roads, Greenbelt development, plantation etc. The drains/ sedimentation sumps etc. shall be silted regularly, particularly after monsoon season, and maintained properl		arrest silt and surface runoff.		
70	The Project proponent complies with all the statutory requirements and judgment 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.	Agreed to Comply	Agreed	N/A	
71	The State Government concerned shall ensure that 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.	Agreed to Comply	Agreed	N/A	
72	The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease including upstream and downstream. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. The parameters to be monitored shall include their water quality vis-a-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/	Complied	Regular monitoring is being carried out.		
73	State Pollution Control Board/Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.	Agreed to Comply	Agreed	N/A	
74	The Project Authorities should inform to the 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.	Complied	Intimation to RCOM, Indian Bureau of Mines vide letter MIN/PJL/2021 dated 07/12/21 has been attached		
75	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 MoEF&CC and State Pollution Control Board/Committee.	Agreed to Comply	A detailed Comprehensive Hydrological Study has been conducted and a NOC from CGWA has been obtained for a fresh water abstraction	N/A	

76	The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred. PP needs to apply for transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.	Agreed to Comply	Agreed. Shall be done as and when applicable.	N/A	
77	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	Complied	Water sprinkling is being done by water tankers. There are no crushers, belt conveyors located at the mine site.	N/A	
78	This Environmental Clearance (EC) is subject to 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.	Agreed to Comply	Agreed	N/A	
79	In pursuant to Ministry's O.M No 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Hon'ble Supreme Court on 8.01.2020 in W.P. (Civil) No 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake regrassing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.	Agreed to Comply	Proper mine closure plan will be prepared and approved 12 months before the closure of the mine encompassing all the conditions stipulated and the work will be carried out as per the approved MCP	N/A	
80	The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/Committee and website of the Ministry of Environment, Forest and Climate Chan	Complied	The grant of EC was advertised in two local newspapers namely Star Samachar and Dainik Bhaskar both on date 31st July, 2021.		
81	The land-use of the mine lease area at various stages of mining scheme as well as at the end-of -life shall be governed as per the approved Mining Plan. The excavation vis-a-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per	Complied	Land use is being done as per approved mining plan and the compliance status is being/ shall be submitted on half yearly basis to concerned office.	N/A	

	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 th				
82	Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination 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 circ	Complied	Regular monitoring of surface water quality is being undertaken and concerned parameters is being monitored and records of monitoring are being maintained		
83	The concerned Regional Office of the MoEFCC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEFCC officer(s) by furnishing the requisite data / information / monitoring reports.	Agreed to Comply	Agreed	N/A	
84	The Project Proponent shall install a minimum of 3 (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. 8-29016/20/90/PCI/1 dated 18.1	Being Complied	Operation has begun in 1 block only. One CAAQMS has been installed and data is being shared with CPCB & MPPCB	N/A	
85	The Project Proponent shall develop greenbelt in 7.5m wide safety zone all along mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Greenbelt 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 Mrustry irrespective of the stipulation made in approved mine plan.	Being Complied	500 nos. of saplings have been planted in the periphery of the lease.	N/A	
86	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.	Being Complied	Rainwater harvesting structures are being built to augment groundwater resources in the study area.		

87	A separate 'Environmental Management Cell' with 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, MoEFCC.	Complied	A separate Environment Management Cell structure is set-up		
88	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 MoEECC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the ar	Complied	NOC from CGWA has been obtained for a fresh water abstraction of 3 m3/ day and dewatering capacity of 300 m3/day vide NOC no. CGWA/NOC/MIN/ORIG/2022/		
89	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 dens	Being Complied	Plantation is being done in phased manner. 500 saplings have been planted in FY 2022-23	N/A	

****Note : N/A - Not Available**

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