



0191-2474553/0194-2490602

Ministry of Environment, Forest & Climate Change, Govt. of India.

J&K UT LEVEL EXPERT APPRAISAL COMMITTEE (JKEAC)

Department of Ecology, Environment & Remote Sensing

SDA Housing Colony, Bemina, Srinagar, Kashmir

Email: seacers@gmail.com, Website: www.parivesh.nic.in



MINUTES OF MEETING

MINUTES OF 90TH MEETING OF THE JK EXPERT APPRAISAL COMMITTEE HELD ON 19TH OF MARCH, 2022 VIA VIDEO CONFERENCING

In pursuance to Meeting Notice issued vide No: EAC/JK/22/13025-13047 dated: 11/03/2022, the 89th Meeting of JK Level Expert Appraisal Committee (JKEAC) was held on 19th of March, 2022 at 10:30 A.M. via video Conferencing. The following attended the meeting:-

No.	Name	Designation
1	Mr. S.C. Sharma, IFS(Rtd.)	Chairman
2	Mr. M.A. Tak, IFS(Rtd.)	Member
3	Prof. Anil Kr. Raina	Member
4	Engineer B.B. Sharma	Member
5	Mr. A.R. Makroo	Member
6	Prof. G.M Dar	Member
7	Mr.Humayun Rashid	Secretary

The Secretary, JKEAC welcomed the Chairman, Members of the JK Expert Appraisal Committee, project proponents and the consultants.

The meeting proceeded as per following sequence: -

AGENDA ITEM NO: 01

Title of case:	Grant of Environmental Clearance (EC) for RBM (River Bed Mineral) Minor Mineral Block Mining Project, revised Area of 1.00 ha., Block-19 at Goigam Bridge to Magam Bridge downstream, Village- Goigam to Magam, Tehsil- Tangmarg & District: Baramulla, U.T: Jammu & Kashmir favouring Firdous Ahmad Kumar S/O Shri. Mohammad Ramzan Kumar R/o: Kralpora, Magam District – Budgam, U.T - J&K
Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category (B1/B2)	B2
Proposal no:	SIA/JK/MIN/234334/2021//SIA/JK/MIN/210688/2021//SIA/JK/MIN/51520/2020 & SIA/JK/MIN/260639/2022
File no:	SEAC/JK/20/266

Consultant with validity	ABDUL MAJID MIR (RQP) valid till (16.05.2027)
Presenter of consultant:	ABDUL MAJID MIR
Project proponent representative of Project proponent:	Firdous Ahmad Kumar

CASE SUMMARY

Status	Revised Area (Ha)	Bid cost (in lacs)	Project cost (in lacs)	EMP cost proposed (in lacs)		CER budget proposed (lacs/annum)
				Capital	Recurring	
New Project	1.00	3.50	111.25	5.20	5.40	2.00

Mine Closure plan proposed (in lacs)	Mining depth proposed (mts.)	Haulage Route (Kms)	Bulk density proposed by proponent in PFR/EIA	Cluster situation (Yes/No)
1.50	1.00	0.48	2.00	No

PROJECT EVENT DATES

Date of Letter of Intent (LoI)	LoI –Date of Extension, if any	LoI Date of Validity	Date of Mining Plan approval	ToRs granted on
29/07/2019	18/09/2021	30/11/2021	19/06/2020	05/10/2020

G.O 76JK-FST of 2020 dated 29/07/2021 implemented by JKEIAA for the project on	Previous Project proponent	Baseline data Collection by (previous) project proponent as the case may be	Public Hearing held on	Case Discussed by JKEAC earlier on	Area reduced by G&M Dept.
NA	NA	NA	NA	05/10/2020	10/03/2021 and

				13/11/2021	22/02/2022
				01/01/2022	

APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

STATUS OF DOCUMENTATION

S. No.	Document	Status	Remarks of the Committee
1	Form 1/Form 2 /Form 1-M as applicable	Submitted	
2	Pre-feasibility report (PFR)	Submitted	
3	Approved Mine Plan /Mine closure Plan	Formulated not as per guidelines	Mine Plan needs to be revised for mining depth, closure plan, area, surface plan, targeted mineral production, mining methodology etc.
4	District Survey Report	Formulated not as per guidelines	Needs revision for including replenishment data etc.
5	(Environmental Management Plan/ Corporate Environmental Responsibility(EMP/CER)	Formulated but needs revision	Needs revision as per deliberations/ observations /recommendations

NO OBJECTION CERTIFICATES

S. No.	Department	status as per NOC	Remarks/ Reference
1	Irrigation Dept.	Issued conditionally	Ref NOC issued by Dy. Commissioner Baramulla concerned under single window clearance system under vide letter No: ADCB/Reader/2020-21/116-29 Dated 04/05/202. 1. NOC issued by Tehsildar kawarhama mentions the said mining block as Propriety and state Land. 2. NOC from Xen. Irrigation Division Budgam mentions that
2	Flood Control Dept.	Issued conditionally	
3	Fisheries Dept.	Issued Conditionally	
4	Forest Dept.	Issued as non-forest land	
5	Wildlife Protection Dept	Issued conditionally	
6	Pollution Control Board	Issued conditionally	
7	Revenue Dept.	Propriety and state Land	

8	PHE (Jalshakti) Dept.	Issued conditionally	the Sakinari and Panzwal canal are off taking from the branch of Ferozpora Nallah in the vicinity.
10	Soil and Water Conservation dept.	---	

ENVIRONMENTAL MANAGEMENT PLAN

S. No	Proposed actions	Budget proposed by Proponent (in lacs)		Remarks/ Budget recommended by Committee (in lacs)	
		Capital	Recurring	Capital	Recurring
1	Green belt development	1.5	2.00	2.00	1.00
2	Haulage route maintenance	2.8	2.20	2.00	1.00
3.	Env. Awareness programme	0.00	0.40	0.00	0.00
4	Pollution Monitoring	0.00	0.20	1.00	1.00
5	Pollution control/ water sprinkling/Dust suppression	0.00	0.20	1.00	1.00
6	Solid waste management	0.00	0.00	0.00	0.00
7.	Occupational Health & Safety of mine workers	0.09	0.40	1.00	1.00
9	Lying of Hume Pipes	0.00	0.00	1.00	1.00
	Total	5.2	5.4	8.00	6.00

COORPORATE ENVIRONMENT RESPONSIBILITY

S. No.	Project activity	Activities	Annual Budget proposed by Proponent (in lacs)	Budget suggested by the Committee (in lacs)
1	Health	Free Distribution of medicines, health check-up, Distribution of Sanitizer, gloves and Mask to the nearby village and panchayat.	0.50	0.25
2	Electrification	Solar Lamp distribution & Solar street light installation in the village.	0.50	0.00
3	Drinking water facility	Drinking water facility in nearby village/ Installation of hand pumps panchayat/ Installation of hand pumps	0.00	0.00
3	Sanitation	Construction of ladies' toilets in the village.	0.00	1.00
4	Education	Distribution of school bags & books in nearby Primary School Education Grants to girl child to check drop outs in schools / Renovation of toilets of nearby school	1.00	1.00
5	Rain water Harvesting structure	Construction of Rain water harvesting structure in the primary School nearby village.	0.00	0.00
Total			2.00	2.25

BUDGET FOR SURVILIENCE

S. No.	Particulars	Budget proposed by Proponent (in lacs)		Remarks
		Capital	Recurring (in lacs)	
1	Transport Permit	2.00	0.00	

2	CCTV Camera	1.00	0.10	
3	Weight Bridge	10.00	1.00	
4	Personal Computer with power backup	0.50	0.05	
5	Mobile Application Barcode scanner	0.50	0.05	
6	Radio Frequency Identification Tag (RFID) and GPS	1.00	0.10	
7	Annual Audit of lease	0.00	0.70	
8	Security Guard	0.00	0.80	
	Total	15.00	2.80	

EXAMINATION OF MINING SITE ON MULTIDATE GOOGLE EARTH IMAGE PLATFORM USING KML /KMZ FILE EMAILED/UPLOADED BY THE PROJECT PROPONENT/CONSULTANT

S.no.	Features observed	Within Mining site boundary (Yes/No/Not identifiable)	Outside mining site boundary (Yes/No/Not identifiable)	Upstream from mining block (Mts.)	Downstream From mining block (Mts.)	Remarks
1	Features indicative of any Illegal mining.	Yes	Yes	-	-	As per latest available google image of 05/2021.
2	Bridge with midstream piers, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
3	Bridge with only abutments, if any, located	No	No	-	-	

	within mining area/ within 500 mts. from the ends of mining block.					
4	Foot bridge with only abutments on two banks, if any located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
5	Green patch (Cropland / trees /orchard etc. if any located within mining block/adjacent to mining block or within 500 mts. from the mining block.	No	No	-	-	
6	Structures of any kind (buildings /Flood control/ protection works/ electric installations, if any located within/adjacent/ in close vicinity to mining block or within 500 mts. of the mining block.	No	No	-	-	
7	Irrigation canal headworks/ khul inlets, if any located within	Not identifiable	Yes	-		

	mining block or within 500 mts. of the mining block.					
8	Active water channels, if any crossing the mining block.	Yes	Yes	-	-	Active water channel needs to be excluded
9	National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance thereof from the mining block.	No	No	-	-	
10	Forest land, if any located in close vicinity of the mining block. If yes, the distance thereof from the ends of mining block.	No	No	-	-	
12	Any other relevant feature of interest or condition which is critical to grant of ToRs/EC to the proposed project	No	No	-	-	

DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:

- a) The case had been discussed by the Expert Appraisal Committee earlier during the 16th Meeting held on 05/10/2020 for grant of ToR for original block of 7.94 Ha during which the Committee had desired the PP to resize the block to exclude the cropland prior to consideration for grant of TORS. The case had again been presented in 71st meeting held on 13/11/2021 for grant of EC after getting the block resized to 2.87Ha vide letter dated 10/03/2021 issued by G&M Dept. during which the Expert Appraisal Committee had not approved the case and desired the PP to comply the following observations:-

- i) To obtain consent from stakeholders / rightful owners / local PRIs in view of presence of proprietary and Shamlat land within the original mining block.
 - ii) Field verification report from concerned Xen, Irrigation Dept. reporting therein presence or absence of offtake points of irrigation kuhls/canals within 200m of the mining block boundary.
 - iii) The archive Google images up to 2013 reveal that the mining block encompasses cropland.
 - iv) Illegal mining observed in the mining block and its vicinity which demands report from the Muti dept. District Level Task Force Cell to the effect that the PP is not involved in it.
 - v) Revision of Project cost
 - vi) Revision of the mining plan.
- b) The case again came to be discussed during the 84th JKEAC held on 01/01/2022 during which the Committee had observed as under:-
- i. Notwithstanding the fact that the project proponent has complied with the observations/conditions stipulated above, the revised NOC issued by the Xen Irrigation Dept. vide letter dated 14/12/2021 and presented before the Committee indicates that Saknari Canal and Panzwal canal are off taking from the branch of Ferozpora Nallah in this reach.
 - ii. The Committee examined the feedback Google image forwarded by the Xen, identified the location on live Google Image and noted that the two water courses traverse right through the proposed mining block. It further observed that any mining activity in close vicinity of the block will adversely affect the capacity of the said water courses to transport irrigation water, thereby affecting its availability for irrigation. Accordingly, the project had been rejected for grant of EC.
- c) Subsequently, the PP represented before the JKEIAA and his case was forwarded for reconsideration after he had further got the mining block resized to **1Ha** vide letter dated 22/02/2022 issued by G&M Dept. to maintain a safe distance of 200m from the irrigation offtake points.
- d) In the instant meeting, the Committee examined the resized mining block of 1ha represented by the latest KML file on Google image and observed that the resized mining block of 1Ha could be considered for grant of EC as it is beyond 200m away from the offtake point of Panzwal kuhl. However, the Committee in view of the conditions of NOC issued by the Executive Engineer, Irrigation Dept., desired that the PP **should obtain fresh NOC from the Xen Irrigation Dept.** indicating that after resizing of the mining block to 1Ha, there is no offtake point of irrigation canal/kuhl within 200m and any mining activity in the resized portion of 1Ha, shall have no adverse impact on the availability of water for irrigation, **prior to grant of EC.**
- e) The PP has revised the budget for EMP, yet the Committee has suggested some more refinement as suggested in the remarks column of the EMP table and the same be updated accordingly, **prior to grant of EC.**
- f) Since, as per title verification, part of the original mining block comprised of proprietary and Shamlat land, revised title verification for the resized mining block of 1Ha shall have to be obtained by the PP from the concerned revenue authorities and in case, the resized block falls under proprietary land, the consent of the concerned owners of the said land be also obtained, **prior to grant of EC.**

- g) Active water channel should be excluded and mining should be restricted to only dry shoals of the mining block.
- h) Revision of the mining plan with mine closure plan, revised mining depth, revised mining block area, revised surface plan, targeted mineral production and replenishment and its denovo approval by the competent authority, **prior to grant of EC.**
- i) Mining depth be restricted to max.1.00 m in aggregate in view of non-availability of replenishment data in the DSRs and bulk density of 2 be applied in absence of field measurements.

RECOMMENDATION OF THE COMMITTEE

In view of the above deliberations / observations made by the Committee herein above, the Expert Appraisal Committee recommended the project for grant of EC subject to: -

- a) Standard and Specific Conditions as per **Annexure B** to these Minutes of Meeting.
- b) **Revised title verification for the resized area of 1Ha from the competent revenue authority as per deliberations herein above, prior to grant of EC.**
- c) Maximum targeted mineral production of **12000 MT.**
- d) **Strict adherence to the terms and conditions of the NOCs of the stockholder departments which needs to be monitored by the enforcement agencies and concerned department.**
- e) **No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.**
- f) Condition the geographical coordinates as per revised area of 1Ha to be conveyed by G&M Dept. are mentioned in the EC letter by JKEIAA
- g) **Submission of all other compliances to the observations made herein above under deliberations prior to grant of EC.**
- h) Validity of only three years from the date of commencement of the mining operations duly certified by the District Mineral Officer concerned with intimation to the JKEIAA and JKPCB in view of non-availability of replenishment data

AGENDA ITEM NO: 02

Title of case:	Grant of Environmental Clearance (EC) for Minor Mineral Block Project – revised area 3.89 Ha located at Minor Mineral Block No-02, Shedipora- Rukhmachwari (Bakahakar) bridge to Kachiwara Downstream Talri Nallah, village-Bakahakar, Tehsil-Rajwar & District: Kupwara and UT: J&K in favour of Reyaz Ahmad Sofi S/O Sh. Habib-Ullah Sofi.
Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category(B1/B2)	B2 (applied under B2 category after resizing the block)

Proposal no:	SIA/JK/MIN/254822/2022 // SIA/JK/MIN/58521/2020
File no:	SEAC/JK/20/351
Consultant with validity	M/S OCEAO Enviro Management solutions Pvt. Ltd. Valid till: 04/08/2024
Presenter of consultant:	Mr. Himanshu Goel
Project proponent / representative of Project proponent:	Reyaz Ahmad Sofi

CASE SUMMARY

Status	Revised Area (Ha)	Bid cost (in lacs)	Project cost (in lacs)	EMP cost proposed (in lacs)		CER budget proposed (lacs/annum)
				Capital	Recurring	
New Project	3.89	14.80	268	8.82	2.03	4.92

Mine Closure plan proposed (in lacs)	Revised Mining depth proposed (mts.)	Haulage Route (Kms)	Revised Bulk density proposed by proponent	Cluster situation (Yes/No)
0.15	0.6	0.60	2.0	No

PROJECT EVENT DATES

Date of Letter of Intent (LoI)	LoI –Date of Extension, if any	LoI Date of Validity	Date of Mining Plan approval	ToRs granted on
29/07/2020	28/12/2021	31/03/2022	17/09/2020	18/01/2021

G.O 76JK-FST of 2020 dated 29/07/2021 implemented by JKEIAA for the project on	Previous Project proponent	Baseline data Collection by project proponent as the case may be	Public Hearing held on	Case discussed by JKEAC earlier on	Area reduced by G&M Dept.
NA	NA	Oct-Dec 2020	30-06-2021	09/01/2021 23/09/2021 & 30/11/2021	31/01/2022

APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

STATUS OF DOCUMENTATION

S. No.	Document	Status	Remarks of the Committee
1	Form 1/Form 2 /Form 1-M as applicable	Submitted	
2	Pre-feasibility report (PFR)	Submitted	
3	Approved Mine Plan /Mine closure Plan	Formulated not as per guidelines	Mine Plan needs to be revised for mining depth, closure plan, surface plan, targeted mineral production, mining methodology etc.
4	District Survey Report	Formulated not as per guidelines	Needs revision for including replenishment data etc.
5	Environmental Impact Assessment / Environmental Management Plan/ Corporate Environmental Responsibility (EIA/EMP/CER)	Formulated but needs revision	Needs revision as per deliberations/ observations /recommendations

NO OBJECTION CERTIFICATES

S. No.	Department	status as per NOC	Remarks/ Reference
1	Irrigation Dept.	Issued conditionally	The block is recorded in estate Bakiaker under survey no. 1847 (193 Kanals & 2 Marlas). The land is state land with 114 Kanals recorded as Nallah out of 193 kanals & 2 marlas.
2	Flood Control Dept.	Issued conditionally	
3	Fisheries Dept.	Issued conditionally	
4	Forest Dept. (if required)	Issued as non-forest	
5	Wildlife Protection Dept (If required)	Issued	
6	Pollution Control Board	Issued	
7	Revenue Dept.	Issued as state land	
8	PHE (Jalshakti) Dept.	Issued conditionally	
10	Soil and Water Conservation dept.	---	

ENVIRONMENTAL MANAGEMENT PLAN

S. No	Proposed actions	Budget proposed by Proponent		Remarks	
		(in lacs)		Budget proposed by Committee	
		Capital	Recurring	Capital	Recurring
1	Green belt development	0.66	0.17	3.00	2.00
2	Haulage route maintenance	3.60	0.36	4.00	3.00
3	Env. Awareness programme	0.00	0.00	0.50	0.50
4	Pollution monitoring	0.42	0.42	2.00	2.00
5	Dust suppression	0.36	0.36	3.00	2.00
6	Occupational Health & Safety of mine workers	3.55	0.57	3.55	0.57
7	Solid waste management	0.23	0.15	0.23	0.15
	Total	8.82	2.03	16.28	10.22

COORPORATE ENVIRONMENT RESPONSIBILITY

S. No.	Project activity	Activities	Budget proposed by Proponent (in lacs)	Budget suggested by the Committee (in lacs)
1	Electrification	Solar Lamp distribution & Solar street light installation in the nearby school & village.	2.46	2.50
2	Education	Distribution of school bags & books in nearby Primary School. Provision of making smart classes in the nearby school.	2.46	2.50
3	Health	Distribution of face masks, health checkups, sanitizers, Covid SoPs	0.00	0.50
	Total		4.92	5.50

BUDGET FOR SURVILIENCE

S. No.	Particulars	Budget proposed by Proponent (in lacs)		Remarks
		Capital	Recurring (in lacs)	
1	Transport Permit	2.00	0.00	
2	CCTV Camera	1.00	0.05	
3	Weight Bridge	10.00	0.50	
4	Personal Computer with power backup	1.00	0.05	
5	Mobile Application Barcode scanner	1.00	0.02	
6	Radio Frequency Identification Tag (RFID) and GPS	1.00	0.02	
7	Annual Audit of lease	0.00	0.25	
8	Security Guard	0.00	0.96	

	Total	16.00	1.85	
--	--------------	--------------	-------------	--

GENERAL PUBLIC HEARING CONCERNS

S. No.	Usual concerns expressed by public during proceedings	(Yes/No)
1	Proper demarcation of mining block/mining depth to be maintained	NOT APPLICABLE DUE TO APPRAISAL UNDER B2 CATEGORY
2	Prevention of illegal mining	
3	EMP cost to be implemented practically	
4	CER/CSR Activities for social upliftment	
5	RBM material to locals on concessional rates	
6	Manual mining & Employment to the local unemployed youth	
7	Display of contact details of concerned authorities for enabling locals to report illegal mining or violation of EC conditions	
8	Pollution, land degradation, loss of water body, irrigation channels and rivulets	
9	Loss of land, unemployment and environmental concerns	
10	Impact on social life and horticultural/pasturelands	
11	Money generated should be utilized at panchayat level	
12	Due to extraction soil erosion has occurred & the irrigation land has been affected	
14	Due to deep extraction the drinking water level has gone down & springs have dried up.	

EXAMINATION OF MINING SITE ON MULTIDATE GOOGLE EARTH IMAGE PLATFORM USING KML /KMZ FILE EMAILED/UPLOADED BY THE PROJECT PROPONENT/CONSULTANT

S.no.	Features observed	Within Mining site boundary (Yes/No/Not identifiable)	Outside mining site boundary (Yes/No/Not identifiable)	Upstream from mining block (Mts.)	Downstream From mining block (Mts.)	Remarks
1	Features indicative of any Illegal mining.	Yes	Yes	-	-	Features of illegal mining activities on

						Google Image of 10/2017
2	Bridge with midstream piers, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
3	Bridge with only abutments, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
4	Foot bridge with only abutments on two banks, if any located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
5	Green patch (Cropland / trees /orchard etc. if any located within mining block/adjacent to mining block or within 500 mts. from the mining block.	No	No	-	-	
6	Structures of any kind (buildings /Flood control/	No	No	-	-	

	protection works/ electric installations, if any located within/adjacent/ in close vicinity to mining block or within 500 mts. of the mining block.					
7	Irrigation canal headworks/ khul inlets, if any located within mining block or within 500 mts. of the mining block.	Not identifiable	Not identifiable	-	-	Google Image of 10/2017
8	Active water channels, if any crossing the mining block.	Yes	Yes	-	-	Need to be excluded from mining activity
9	National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance thereof from the mining block.	No	No	-	-	
10	Forest land, if any located in close vicinity of the mining block. If yes, the distance thereof from the ends of mining block.	No	No	-	-	
12	Any other relevant feature of interest or condition which	No	No	-	-	

is critical to grant of ToRs/EC to the proposed project						
---------------------------------------------------------	--	--	--	--	--	--

DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:

- a) The project had earlier been discussed in the 23rd meeting held on 09.01.2021 during which the committee recommended TORs to the project subject to condition that boundaries of the mining block are redefined/redrawn so as to exclude land outside the nallah bed (including land parcels bearing tree cover) besides obtaining a certificate from the concerned Revenue Authority (Tehsildar Concerned) to the effect that the mining block covers only the river bed and does not include any land outside the river bed including proprietary land.
- b) The project was again discussed in the 61st meeting held on 23.09.2021 during which the Committee had rejected the case for grant of EC and desired PP to submit following compliances:-
 - i. *To exclude the area outside nalla bed.*
 - ii. *To obtain certificate from Revenue Authority to the effect that the mining block covers only Nalla bed and does not include any land outside the river bed including proprietary land.*
 - iii. *To propose mitigation measures to address the concerns of locals raised during public hearing w.r.t lowering down of the water table due to mining activity.*
 - iv. *Non-involvement report in illegal mining activity from MDDLTF Cell.*
- c) The case was once again discussed in the 76th meeting held on 30/11/2021 during which the Committee had not approved the case and made following observations:
 - I. The compliance to item i, has not been submitted. Though the PP has resized the block to maintain safe distance to the bridge, he has failed to exclude the areas outside the nallah bed.
 - II. The compliance to item ii, has also not been made.
 - III. With respect to item iii, the PP has proposed some measures w.r.t the points raised during public hearing especially the concerns relating to the water availability in the nearby well. But, the Committee was not satisfied with the proposals made in this regard.
 - IV. In spite of considerable concern /apprehension shown by the locals during public hearing in regard to depletion of ground water due to proposed mining, the project proponent / Consultant has failed in enunciating any engineering mitigation measures to protect the water table from further depletion.
 - V. With respect to item iv, the PP has submitted the report from the MDDLTF Cell stating that the PP is not involved in illegal mining in & around the mining block.
 - VI. Earlier, during the 61st JKEAC meeting, the Committee had opined that interest of the public can be best served by not allowing mining activity in the area as agriculture is the mainstay and source of livelihood of majority of people residing here.

- VII. The depletion of water table and its adverse effect on local crops has also been clearly brought out by the Tehsildar concerned through his communication dated 31/08/2021.

Accordingly, the case had been rejected for grant of Environmental Clearance.

- d) Now, the PP has again approached JKEIAA after further resizing the mining block to 3.89 Ha from already resized block area of 7.83 Ha (original area of 9.51Ha) and has submitted a cluster certificate vide No. DMO/KUP/e-auction/21/1839 dated 18/01/2022. from G&M Dept. for consideration under B2 category.
- e) While examining the resized mining block of 3.89Ha on Google Image, it was observed that the PP has now proposed the mining activity in the Nallah bed only while resizing the mining block.
- f) The Committee further observed that the mining block has been depleted due to heavy illegal mining and there is little material available on site. Therefore, the Committee desired that the PP should obtain '**fit for mining certificate**' from the G&M Dept. indicating that enough replenishment has taken place and there is adequate material available in the block which can be extracted without endangering the ecological and hydrological regime of the nalla **prior to grant of EC.**
- g) Title verification of the land under the original block with area 9.51 Ha indicates that the block area falls under state land.
- h) Further, in view of adverse report of the Tehsildar concerned w.r.t depletion of water level and its impact on horticulture issued vide letter dated 31/08/2021, the PP should obtain a fresh report from the Tehsildar concerned with local PRI on board, allaying the genuine concerns of the locals w.r.t the resized mining block of 3.89 Ha, prior to grant of EC.**
- i) Active water channel needs to be excluded while calculating minable reserves and revised PFR needs to be submitted, **prior to grant of EC.**
- j) Revision of the mining plan with mine closure plan, revised area, revised mining depth, surface plan, targeted mineral production and replenishment and its *denovo* approval by the competent authority, **prior to grant of EC.**
- k) Mining depth of 2.5 m & bulk density of 2.3 adopted in the instant mining plan were not agreed by the committee. Mining depth be restricted to **max. 1m** in aggregate and bulk density be restricted to 2 in absence of actual field measurements.

RECOMMENDATION OF THE COMMITTEE:

In view of the above deliberations and insight gained during the above cited appraisal process, the Committee recommended the case for grant of Environmental Clearance subject to: -

- a) Standard and Specific Conditions as per **Annexure B** to these Minutes of Meeting.
- b) Submission of Fit for Mining Certificate as per deliberations, prior to grant of EC.**
- c) Submission of fresh report from Tehsildar concerned with local PRI on board in as per deliberations, prior to grant of EC.**
- d) Revision of the mining plan as per deliberations, **prior to grant of EC.**
- e) Mining of dry shoals only wherever available without disturbing the natural course of water.
- f) Strict adherence to the terms and conditions of the NOCs of the stakeholder departments especially conditions laid by the Fisheries Department, Irrigation**

and Flood Control Dept. which need to be monitored by the enforcement agencies and concerned dept.

- g) No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.**
- h) Maximum targeted mineral production of **46,600 MT**.
- i) Condition the geographical coordinates as per revised area issued by G&M Dept. are mentioned in the EC letter by JKEIAA.
- j) Compliance of all other observations made herein above under deliberations, prior to grant of EC.**
- k) Validity of only three years from the date of commencement of the mining operations duly certified by the District Mineral Officer concerned with intimation to the JKEIAA and JKPCB in view of non-availability of replenishment data

AGENDA ITEM NO: 03

Title of case:	Grant of Environmental Clearance to stone quarry cluster site measuring 2.50 ha at Pehlipora, Tehsil Lar, District Ganderbal in favour of 127 rehabilitated quarry holders represented by Shri Parvaiz Ahmad Kuchay, Manzoor Ahmad Dar and Mohammad Shafi Bhat R/O Safapur District Ganderbal.
Project type (whether mining lease/STP/ Quarry license/brick earth)	Stone Quarry
Category(B1/B2)	B2
Proposal No:	SIA/JK/MIN/133613/2019
File No:	SEAC/JK/20/340
Consultant with validity	OCEAO Enviro Management Solutions India Pvt. Ltd., Gaziabad Vaild till: 04/08/2024
Presenter of consultant:	Mr. Hemanshu Goel
Project proponent representative of Project proponent:	Mr. Parvaiz Ahmad Kuchay

CASE SUMMARY

Status	Area	Land title		Project cost		Topography
--------	------	------------	--	--------------	--	------------

	(Ha)		Khasra Nos	(in lacs)	No. of Quarry holders Represented by the PPs	(mRL)	
						Highest Contour	Lowest Contour
New Project	2.50	State land	1086/2	83	127	1736	1680

Mine Closure plan proposed (in lacs)	Mine Plan period (Years)	Haulage Route (Kms)	Water demand (KLD)	Mining Methodology	Total Production for five years as per approved mine plan MTs	Average annual Production MT
0.60	5	0.98	15.39	Open Semi-Mechanized	650005.63	130001

Nearest Habitation (Kms)	EMP cost proposed (in lacs)		CER budget proposed (lacs/annum)
	Capital	Recurring	
0.40	11.12	2.43	Not provided

PROJECT EVENT DATES

List of 127 quarry holders	Declaration of site as Cluster of Quarries by G&M Dept under Rule 14 of JKMMC Rues of 2016	Date of approval of Mining Plan	Affidavit filed by quarry holders in favour of Project proponent as their representative	No Objection Certificate from Wildlife Protection Dept.	Clarification from G&M Dept. on No. of quarry holders/ Cluster of quarries
Communicated to G&M Dept. by Dy. Commissioner, Ganderbal for rehabilitation of displaced quarry holders of Safapur belt					

10/10/2018	23/01/2019	05/03/2019	25/04/2019	15/03/2021	05/06/2021
------------	------------	------------	------------	------------	------------

APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

STATUS OF DOCUMENTATION

S. No.	Document	Status	Remarks of the Committee
1	Form IM	Submitted	
2	PFR	Submitted	Needs revision
3	Approved Mine Plan	Not formulated with desired details	Needs revision to include details as per deliberations
4	EMP	Submitted	Needs revision
5	CER	Not submitted	Need to provide details

NO OBJECTION CERTIFICATES

S. No.	Department	Status of NOCs	Remarks/ Reference
1	Wildlife Protection Dept.	Issued	
2	Revenue Dept.	Already recommended	

ENVIRONMENTAL MANAGEMENT PLAN

S. No	Proposed actions	Budget proposed by Proponent		Remarks	
		(in lacs)		Budget proposed by Committee	
		Capital	Recurring	Capital	Recurring
1	Green belt development	0.45	0.12	3.00	2.00
2	Haulage route maintenance	5.88	0.58	6.00	1.00
3	Pollution monitoring	0.42	0.42	1.00	1.00
4	Dust suppression	0.59	0.59	1.00	1.00

5	Occupational Health & Safety of mine workers	3.55	0.57	3.55	1.00
7	Solid waste management	0.23	0.15	0.25	0.25
	Total	11.12	2.43	14.80	6.25

EXAMINATION OF QUARRY SITE ON MULTIDATE GOOGLE EARTH IMAGE PLATFORM USING KML /KMZ FILE EMAILED/UPLOADED BY THE PROJECT PROPONENT/CONSULTANT

S.no.	Features observed	around Mining site boundary	Uphill from the site (Mts.)	Downhill From the site (Mts.)	Remarks
1	Features indicative of mining in the past	Yes	-	60 mtr	
2	Settlements around the quarry	Yes	-	400 mtr	Settlements were observed downhill of the mining site
3	Educational Institution	Not identifiable	-	-	Not identifiable
4	Hospital/Health Institution	Not identifiable	-	-	Not identifiable
5	Green patch (Cropland / trees /orchard etc.)	Yes	-	Adjacent	Scattered trees were observed downhill of the mining site
6	Stream/River in close vicinity	No	-	-	-
7	Springs and other drinking water sources in close vicinity	Not identifiable	-	-	Not identifiable
8	Haulage route	Yes	-	Adjacent	Approach road is located adjacent to the mining site

9	Distance w.r.t Wildlife protected areas	Ajas Wildlife Conservation Reserve	-	-	<p>Since, the quarry site appeared to be lying inside the Ajas Wildlife Conservation Reserve as per digital boundary available on 1:50,000 scale. In view of course scale of the available boundary, necessary clarification on this aspect had been sought from the office of Chief Wildlife Warden, JK in pursuance to recommendations made during the 21st JKEAC Meeting held on 5/12/2020. However, the Office of Chief Wildlife Warden has reported vide letter No. WLP/Tech/2021/423-25 dated 15/03/2021 that the boundary of Ajas Wildlife Conservation Reserve is 300 mts away from the proposed quarry site.</p> <p>Hon'ble Supreme Court Order relating to buffer of 1km applies to National Parks and Sanctuaries only</p>
10	Involvement of forest land or any other relevant specific feature of interest or condition which is critical to grant of Environmental Clearance to the proposed project	-	-	-	-

DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:

- a) The case was discussed in 21st JKEAC meeting held on 5/12/2020 during which the Committee had desired as under: -
 - i. To obtain the copy of letter No. DC/GBL/PS/F-20/1256-60 dated 10/10/2018 issued by the Dy. Commissioner, Ganderbal wherein the list of affected quarry holders of Safapora stone quarry belt to be rehabilitated had been communicated to the Director, Geology & Mining Department.
 - ii. To seek clarification from the Geology & Mining Department whether, the area of 2.5 ha allotted for rehabilitation of the affected quarry holders of Safapora is the only land declared as cluster of quarries for rehabilitation of the affected quarry holders or 2.5 ha land has been allotted to only three project proponents viz. Parvaiz Ahmad, Manzoor Ahmad Dar and Mohammad Shafi Bhat and others are in queue and are yet to apply for EC.

- iii. To seek clarification from the Chief Wildlife Warden, J&K and Regional Wildlife Warden (Kashmir) as to whether the quarry area is inside or outside the Ajas Conservation Reserve.
- b) The case was again discussed during 48th JKEAC held on 24/07/2021 during which the PP presented following compliances:-
- i. copy of letter No. 1126/MCC/DGM/DMO/09/1004 dated 05/06/2021 from the Director G&M Dept. addressed to the Member Secretary, JKEIAA with copy of letter dated 10/10/2018 from Dy. Commissioner, Ganderbal District showing the 127 number of quarry holder beneficiaries being represented by the project proponents.
 - ii. Copy of letter No. MSN/DGM/SGR/F02/1221-22 dated 09/03/2021 from the Joint Director, G&M Dept. Kashmir indicating that the area of 2.5 ha is the only land declared as cluster of quarries for rehabilitation of 127 quarry holders identified by the Dy. Commissioner Ganderbal.
 - iii. Copy of Letter No. WLP/Tech/2021/423-25 dated 15/03/2021 from the office of Chief Wildlife Warden, J&K which indicates that the quarry site falls under Survey No. 1086 min and is at a distance of **300mts** away from the boundary of Ajas Wildlife Conservation Reserve.
- c) **Notwithstanding the fact that the PP had submitted above compliances, the Committee sought the following additional compliances to proceed further in the matter:-**
- i. Fresh affidavit from the 127 nominated beneficiaries as identified by the Dy. Commissioner, Ganderbal District duly attested by the Magistrate 1st class to the effect that they have authorized the project proponents for all matters relating to application for grant of EC before JKEIAA.
 - ii. Total Number of quarries in the cluster, with area and their geo-coordinates.
 - iii. Number of beneficiaries in each quarry, their names / details, Modus operandi of collective management and responsibilities.
 - iv. Declaration of legal entitlement and functional rights of the quarry holders by concerned authorities.
 - v. Revision of mining plan giving details about the 127 beneficiaries, area allotted in each quarry of the cluster with physical measurements and coordinates showing annual / total quarry excavation depth. It should be ensured that the parameters affecting the stability of the quarry site and its surrounds are well taken care of. It should also include a well-defined closure plan of each quarry detailing the responsibility of the stake holders.
 - vi. Provision for mid-term safety audit of the entire quarry cluster.
 - vii. The EMP need to be revised with details about haulage route with map and budget for haulage route and Occupational health safety for mine workers.
- d) During deliberations in the instant meeting, the Committee observed as: -
- i. **In response to the points raised from serial (a) to serial (d) herein above, Director, G&M Dept. vide letter No. 1126/MCC/DGM/DMO/1704 dated 03/02/2022 has clarified the points raised during the earlier deliberations besides submitting following compliances/assurances/clarifications:-**

- ii. Fresh affidavit from 127 beneficiaries/quarry holders of Pahlipora site duly attested by the Magistrate 1st class as desired by the Committee in the earlier meeting.
 - iii. As per furnished information, there are 127 quarries and area of each quarry has been proposed as 0.1968 Ha.
 - iv. Number of beneficiaries in each quarry, their names and Modus operandi of collective management and responsibilities.
 - v. Updation of the Mining plan to be taken care by the consultant.
 - vi. Annual third party audit of each concessionaire.
 - vii. Individual and collective responsibility to implement the EMP by concerned beneficiaries.
 - viii. The consultant assured that the detailed revised mining plan and closure plan as suggested by the Committee will be submitted in due course of time.
- e) The Committee desired that the beneficiaries shall submit an affidavit to the effect that they will be collectively responsible for ecological rehabilitation of the mining site as envisaged in the closure plan, **prior to grant of EC.**
 - f) The PP has revised the EMP budget with provision/budget for haulage route maintenance & OH&S of workers. However, the Committee has suggested some refinement in the EMP table herein above and same needs to be updated in the documentation, **prior to grant of EC.**
 - g) The PP has also submitted the haulage route map.
 - h) Provision for CER budget has not been provided & the same needs to be submitted, **prior to grant of EC.**

Recommendation:

In view of the above deliberations / observations made by the Committee herein above, the Expert Appraisal Committee recommended the project for grant of EC subject to :-

1. Standard and Specific Conditions as per **Annexure D** to these Minutes of Meeting.
2. Compliance to the provisions of MMDR Act and Mining Rules of J&K granted under SRO105 and amendments thereof besides, standing orders from Hon'ble Courts of competent jurisdiction.
3. Condition that all other statutory clearances are obtained by the PP prior to commencement of mining operations.
4. Condition that the quarry area of each mine is properly and equitably demarcated among the quarry holders by the G&M Dept. on ground.
5. Condition that vibration studies of blasting (Zone of influence) are done by a recognized Institute prior to commencement of mining operations.
6. Condition that the responsibility of implementation of EMP and ecological rehabilitation of the site, as envisaged in the closure plan, is shared collectively by all the beneficiaries and an affidavit to this effect, duly sworn before Magistrate 1st Class is submitted to JKEIAA, **prior to grant of EC**
7. The area of the cluster is properly demarcated on ground by the G&M Dept.
8. Updation of the EMP as suggested in the remarks column herein above, **prior to grant of EC.**
9. The EC shall be valid for a period of **5 years.**

AGENDA ITEM NO: 04

Title of case:	Grant of Environmental Clearance (EC) for RBM (River Bed Mineral) Minor Mineral Block Mining Project, revised Area of 2.23 ha., Block - 18 at Trehgam Bridge to Hayan, Downstream Khemil Nallah, Manigah Trehgam Kupwara UT: Jammu & Kashmir favouring M/S UNITED CEMENTS PRODUCTS TREHGAM, Project Proponent Rafiq Begum W/o Ab. Rashid Lone R/O Lone Harrai Tehsil & District Kupwara -193224. Kupwarablock18@gmail.com
Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category (B1/B2)	B2
Proposal no:	SIA/JK/MIN/240954/2021, SIA/JK/MIN/226825/2021, SIA/JK/MIN/60931/2021.
File no:	SEAC/JK/20/507
Consultant with validity	ABDUL MAJID MIR (RQP) valid till (16.05.2027)
Presenter of consultant:	ABDUL MAJID MIR
Project proponent / representative of Project proponent:	M/S UNITED CEMENTS PRODUCTS TREHGAM

CASE SUMMARY

Status	Resized Area (Ha)	Bid cost (in lacs)	Project cost (in lacs)	EMP cost proposed (in lacs)		CER budget proposed (lacs/annum)
				Capital	Recurring	
New Project	2.23	31.50	130.95	6.54	10.60	2.62

Mine Closure plan proposed (in lacs)	Revised Mining depth proposed in PFR/EIA (mts.)	Haulage Route (Kms)	Revised Bulk density proposed by proponent in PFR/EIA	Cluster situation (Yes/No)
1.50	1.00	0.41	2.00	No

PROJECT EVENT DATES

Date of Letter of Intent (LoI)	LoI –Date of Extension, if any	LoI Date of Validity	Date of Mining Plan approval	ToRs granted on
28/09/2020	28/12/2021	31/03/2022	28/10/2020	24/04/2021

G.O 76JK-FST of 2020 dated 29/07/2021 implemented by JKEIAA for the project on	Previous Project proponent	Baseline data Collection by (previous) project proponent as the case may be	Public Hearing held on	Case Discussed by JKEAC earlier on	Area reduced by G&M Dept.
NA	NA	NA	08/05/2021	24/04/2021	25/11/2021

APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

STATUS OF DOCUMENTATION

S. No.	Document	Status	Remarks of the Committee
1	Form 1/Form 2 /Form 1-M as applicable	Submitted	
2	Pre-feasibility report (PFR)	Submitted	
3	Approved Mine Plan /Mine closure Plan	Formulated not as per guidelines	Mine Plan needs to be revised for mining depth, closure plan, surface plan, targeted mineral production, mining methodology etc.
4	District Survey Report	Formulated not as per guidelines	Needs revision for including replenishment data etc.
5	(Environmental Management Plan/ Corporate Environmental Responsibility (EMP/CER)	Formulated but needs revision	Needs revision as per deliberations/ observations /recommendations

NO OBJECTION CERTIFICATES

S. No.	Department	status as per NOC	Remarks/ Reference
1	Irrigation Dept.	Issued conditionally	
2	Flood Control Dept.	Issued Conditionally	
3	Fisheries Dept.	Issued Conditionally	
4	Forest Dept.	Issued as non-forest land	
5	Wildlife Protection Dept	Not submitted	
6	Pollution Control Board	Not submitted	
7	Revenue Dept.	State Land	
8	PHE (Jalshakti) Dept.	Issued Conditionally	
10	Soil and Water Conservation dept.	---	

ENVIRONMENTAL MANAGEMENT PLAN

S. No	Proposed actions	Budget proposed by Proponent (in lacs)		Remarks/
		Capital	Recurring	
1	Green belt development	3.20	5.00	
2	Haulage route maintenance	2.80	1.2	
3.	Env. Awareness programme	0.00	1.00	
4	Pollution Monitoring (Air, Water, Noise and Soil)	0.00	1.00	
5	Pollution control/ water sprinkling/Dust suppression	0.00	0.60	
6	Solid waste management	0.00	0.00	
7.	Occupational Health & Safety of mine workers	0.54	1.40	
9	Installation of Hume Pipes	0.00	0.00	
	Total	6.54	10.60	

COORPORATE ENVIRONMENT RESPONSIBILITY

S. No.	Project activity	Activities	Annual Budget proposed by Proponent (in lacs)	Remarks
1	Health	Free Distribution of medicines, health check-up, Distribution of Sanitizer, gloves and Mask to the nearby village and panchayat.	0.87	
2	Electrification	Solar Lamp distribution & Solar street light installation in the village.	0.87	
3	Drinking water facility	Drinking water facility in nearby village/ Installation of hand pumps panchayat/ Installation of hand pumps	0.00	
3	Sanitation	Construction of ladies' toilets in the village.	0.00	
4	Education	Distribution of school bags & books in nearby Primary School Education Grants to girl child to check drop outs in schools/ Renovation of toilets of nearby school Renovation of	0.88	
5	Rain water Harvesting structure	Construction of Rain water harvesting structure in the primary School nearby village.	0.00	
6	Improvement of local Environment	Development / maintenance of Recreation Park/green space	0.00	
	Total		2.62	

BUDGET FOR SURVILIENCE

S. No.	Particulars	Budget proposed by Proponent (in lacs)		Remarks
		Capital	Recurring	

			(in lacs)	
1	Transport Permit	2.00	0.00	
2	CCTV Camera	1.00	0.10	
3	Weight Bridge	10.00	1.00	
4	Personal Computer with power backup	0.50	0.05	
5	Mobile Application Barcode scanner	0.05	0.05	
6	Radio Frequency Identification Tag (RFID) and GPS	1.00	0.10	
7	Annual Audit of lease	0.00	0.70	
8	Security Guard	0.00	0.80	
	Total	14.55	2.80	

GENERAL PUBLIC HEARING CONCERNS

S. No.	Usual concerns expressed by public during proceedings	
1	Irrigation points should be protected during excavation	Not Applicable
2	Manual mining & Employment to the local unemployed youth	
3	Projects should be started immediately because stone crushers have become defuncy due to non-availability of raw material.	

EXAMINATION OF MINING SITE ON MULTIDATE GOOGLE EARTH IMAGE PLATFORM USING KML /KMZ FILE EMAILED/UPLOADED BY THE PROJECT PROPONENT/CONSULTANT

S.no.	Features observed	Within Mining site boundary (Yes/No/Not identifiable)	Outside mining site boundary (Yes/No/Not identifiable)	Upstream from mining block (Mts.)	Downstream From mining block (Mts.)	Remarks
1	Features indicative of any Illegal mining.	Yes	Yes	-	-	As per latest available google image of 06/2020
2	Bridge with midstream piers,	No	No	-	-	

	if any, located within mining area/ within 500 mts. from the ends of mining block.					
3	Bridge with only abutments, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
4	Foot bridge with only abutments on two banks, if any located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
5	Green patch (Cropland / trees /orchard etc. if any located within mining block/adjacent to mining block or within 500 mts. from the mining block.	No	No	-	-	
6	Structures of any kind (buildings /Flood control/ protection works/ electric installations, if any located within/adjacent/	Yes	No	-	-	

	in close vicinity to mining block or within 500 mts. of the mining block.					
7	Irrigation canal headworks/ khul inlets, if any located within mining block or within 500 mts. of the mining block.	Not Identifiable	yes	-	-	Features suggestive of an irrigation offtake point
8	Active water channels, if any crossing the mining block.	NO	Yes	-	-	
9	National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance thereof from the mining block.	No	No	-	-	
10	Forest land, if any located in close vicinity of the mining block. If yes, the distance thereof from the ends of mining block.	No	No	-	-	
12	Any other relevant feature of interest or condition which is critical to grant of ToRs/EC to the proposed project.	No	No	-		

DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:

- a) The case had been discussed by the Expert Appraisal Committee earlier in the 38th Meeting held on 24/04/2021 during which the Committee recommended the project for grant of ToRs subject to: -
 1. Title verification by the competent revenue authority.
 2. Refinement of boundaries of the mining block for exclusion of the cropland/land outside the river bed.
 3. Recalculation of the targeted mineral production.
 4. Exclusion of active water channel.
- b) The PP has again approached the JKEIAA for reconsideration of the case after getting the block resized to **2.23** ha from its original area of **10.0 ha** vide letter dated 25/11/2021 from the G&M Dept. after excluding the cropland from the mining block. The PP has submitted a cluster certificate from Joint Director G&M department Kashmir vide letter dated 26/11/2021 which mentions that no e-auctioned minor mineral block falls within a distance of 500 mts. of the e-auctioned mineral block no 18.
- c) Now in compliance to the **Point No i.** the PP has submitted the title verification from the concerned Tehsildar Tregam vide letter dated 02/02/2022 which mentions the mining block as **State Land**.
- d) With respect to point no. ii, the PP has resized the mining block to 2.23 Ha to exclude the cropland from the mining block.
- e) With respect to point No. iii, the PP has recalculated the targeted mineral production as per the resized area in the Prefeasibility Report. However, the mining depth of 3 m and bulk density of 2.3 mentioned in approved mining plan has not been rectified yet.
- f) With respect to point iv, the active water channel has been excluded and the proposed mining area is restricted to only dry shoal in the mining block.
- g) **The Committee while examining the resized mining block on latest available Google Image of June, 2020, observed features indicative of an off-take point of irrigation kuhl originating from the mining block and therefore, desired project proponent to obtain field verification of same by the concerned Xen Irrigation Dept reporting therein presence or absence of irrigation offtake point of zamandari kuhls within 200m of the mining block.**
- h) **The Committee further observed flood protection structures running along but inside the resized mining block on Google image which needs clarification from the Xen Flood Control dept.**
- i) Further, the Committee also observed features indicative of illegal mining which need clarification from the MDDLTF Cell, fixing of responsibility and report whether the PP is involved in it.
- j) Mining depth of **3.00** m & bulk density of **2.3** adopted in the instant mining plan were not agreed by the committee.

RECOMMENDATION OF THE COMMITTEE

In view of the above deliberations / observations made by the Committee herein above, the Expert Appraisal Committee did not agree to approve the case in the present form.

However, the PP if he so desires, may again approach the JKEIAA for consideration of the case after submitting compliance to the points raised under observations herein above.

AGENDA ITEM NO: 05

Title of case:	Grant of Environmental Clearance (EC) for Minor Mineral Block No. 17, revised area 1.20 Ha, located at Q - Kulgam Bridge, Upstream Nallah Vishu, Village- Kulgam, Tehsil- Kulgam & Dist.- Kulgam, UT of J&K in favor of Shri Mushtaq Ahmad Khanday S/O Lalud Din Khanday.
Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category(B1/B2)	B1
Proposal no:	SIA/JK/MIN/69623/2021 // SIA/JK/MIN/57493 /2020
File no:	SEAC/JK/20/316
Consultant with validity	M/S Globus Environment Engineering Services , Lucknow Valid till: 26/03/2022
Presenter of consultant:	Mr. Akhilesh Gupta
Project proponent / representative of Project proponent:	Mr. Mushtaq Ahmad Khanday

CASE SUMMARY

Status	Revised Area (Ha)	Bid cost (in lacs)	Project cost (in lacs)	EMP cost proposed (in lacs)		CER budget proposed (lacs/annum)
				Capital	Recurring	
New Project	1.20	54.80	167.72	7.84	10.00	3.13

Mine Closure plan proposed (in lacs)	Revised Mining depth proposed (mts.)	Haulage Route (Kms)	Revised Bulk density proposed by proponent	Cluster situation (Yes/No)
0.15	01	0.46	2.00	Yes

--	--	--	--	--

PROJECT EVENT DATES

Date of Letter of Intent (LoI)	LoI –Date of Extension, if any	LoI Date of Validity	Date of Mining Plan approval	ToRs granted on
16/07/2020	28/12/2021	31/03/2022	31/08/2020	26/07/2021

G.O 76JK-FST of 2020 dated 29/07/2021 implemented by JKEIAA for the project on	Previous Project proponent	Baseline data Collection by project proponent as the case may be	Public Hearing held on	Case discussed by JKEAC earlier on	Area reduced by G&M Dept.
NA	NA	Oct-Dec 2020	16/11/2021	17/11/2020 & 10/07/2021	10/03/2021

APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

STATUS OF DOCUMENTATION

S. No.	Document	Status	Remarks of the Committee
1	Form 1/Form 2 /Form 1-M as applicable	Submitted	
2	Pre-feasibility report (PFR)	Submitted	
3	Approved Mine Plan /Mine closure Plan	Formulated not as per guidelines	Mine Plan needs to be revised for mining depth, closure plan, surface plan, targeted mineral production, mining methodology etc.
4	District Survey Report	Formulated not as per guidelines	Needs revision for including replenishment data etc.
5	Environmental Impact Assessment /	Formulated but needs revision	Needs revision as per deliberations/ observations /recommendations

	Environmental Management Plan/ Corporate Environmental Responsibility (EIA/EMP/CER)		
--	-------------------------------------------------------------------------------------	--	--

NO OBJECTION CERTIFICATES

S. No.	Department	status as per NOC	Remarks/ Reference
1	Irrigation Dept.	Issued conditionally	
2	Flood Control Dept.	Issued conditionally	
3	Fisheries Dept.	Issued conditionally	
4	Forest Dept. (if required)	Issued as non-forest	
5	Wildlife Protection Dept (If required)	Not submitted	
6	Pollution Control Board	Issued	
7	Revenue Dept.	Issued as State land	
8	PHE (Jalshakti) Dept.	Issued	
10	Soil and Water Conservation dept.	---	

ENVIRONMENTAL MANAGEMENT PLAN

S. No	Proposed actions	Budget proposed by Proponent		Remarks/
		(in lacs)		
		Capital	Recurring	
1	Green belt development	2.00	1.50	
2	Haulage route maintenance	3.00	2.50	
3	Env. Awareness programme	0.00	1.50	
4	Pollution monitoring	0.00	1.75	
5	Dust suppression	0.00	0.00	
6	Occupational Health & Safety of mine workers	2.84	2.75	
7	Laying of Hume pipes	0.00	0.00	
	Total	7.84	10.00	

COORPORATE ENVIRONMENT RESPONSIBILITY

S. No.	Project activity	Activities	Annual Budget proposed by Proponent (in lacs)	Budget recommended by Committee (in lacs)
1	Health/drinking water	Free Distribution of medicines, health check-up Installation of hand pumps	0.88	
2	Electrification	Solar Lamp distribution & Solar street light installation in the village.	0.88	
3	Sanitation	Construction of ladies' toilets in the village.	0.49	
4	Education	Distribution of school bags & books in nearby Primary School Education Grants to girl child to check drop outs in schools.	0.88	
	Total		3.13	

BUDGET FOR SURVILIENCE

S. No.	Particulars	Budget proposed by Proponent (in lacs)		Remarks
		Capital	Recurring (in lacs)	
1	Transport Permit	2.00	0.00	
2	CCTV Camera	1.00	0.10	
3	Weight Bridge	10.00	1.00	
4	Personal Computer with power backup	0.50	0.05	
5	Mobile Application Barcode scanner	0.50	0.05	
6	Radio Frequency Identification Tag (RFID) and GPS	1.00	0.10	
7	Annual Audit of lease	0.00	0.70	

8	Security Guard	0.00	0.80	
	Total	15.00	2.80	

GENERAL PUBLIC HEARING CONCERNS

S. No.	Usual concerns expressed by public during proceedings	(Yes/No)
1	Proper demarcation of mining block/mining depth to be maintained	Yes
2	Prevention of illegal mining	Yes
3	EMP cost to be implemented practically	---
4	CER/CSR Activities for social upliftment	---
5	RBM material to locals on concessional rates	---
6	Manual mining & Employment to the local unemployed youth	Yes
7	Display of contact details of concerned authorities for enabling locals to report illegal mining or violation of EC conditions	---
8	Pollution, land degradation, loss of water body, irrigation channels and rivulets	---
9	Loss of land, unemployment and environmental concerns	Yes
10	Impact on social life and horticultural/pasturelands	---
11	Money generated should be utilized at panchayat level	---
12	Pitched for early grant of EC	Yes
14	No damage shall occur to nearby land, irrigation & environment	Yes
15	Extraction should be done scientifically	Yes
16	Sediment load should be cleared as soon as possible	Yes
17	Channelling & demarcation should be done near the bridges	Yes

EXAMINATION OF MINING SITE ON MULTIDATE GOOGLE EARTH IMAGE PLATFORM USING KML /KMZ FILE EMAILED/UPLOADED BY THE PROJECT PROPONENT/CONSULTANT

S.no.	Features observed	Within Mining site boundary	Outside mining site boundary	Upstream from	Downstream	Remarks

		(Yes/No/Not identifiable)	(Yes/No/Not identifiable)	mining block (Mts.)	From mining block (Mts.)	
1	Features indicative of any Illegal mining.	No	Yes	-	-	Features indicative of illegal mining activity on Google Image of 10/2018
2	Bridge with midstream piers, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
3	Bridge with only abutments, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
4	Foot bridge with only abutments on two banks, if any located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
5	Green patch (Cropland / trees /orchard etc. if any located	No	No	-	-	

	within mining block/adjacent to mining block or within 500 mts. from the mining block.					
6	Structures of any kind (buildings /Flood control/ protection works/ electric installations, if any located within/adjacent/ in close vicinity to mining block or within 500 mts. of the mining block.	No	No	-	-	
7	Irrigation canal headworks/ khul inlets, if any located within mining block or within 500 mts. of the mining block.	Not identifiable	Yes	-	-	Offtake point of kuhl in close vicinity of the resized block. Need clarification from concerned Irrigation Dept.
8	Active water channels, if any crossing the mining block.	Yes	Yes	-	-	Need to be excluded from mining activity
9	National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance thereof from the mining block.	No	No	-	-	

10	Forest land, if any located in close vicinity of the mining block. If yes, the distance thereof from the ends of mining block.	No	No	-	-	
12	Any other relevant feature of interest or condition which is critical to grant of ToRs/EC to the proposed project	No	No	-	-	

DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:

- a) The project had earlier been discussed during 19th meeting held on 17/11/2020 during which the Committee rejected the mining block comprising of area 4.08Ha for grant of ToRs in view of proximity to bridge.
- b) The case was again discussed during the 47th meeting held on 10/07/2021 during which the Committee recommended the project for grant of Terms of Reference subject to: -
 - a. Mining Depth of 1m in aggregate due to non-availability of replenishment data.
 - b. Mining Area 1.20 Ha after exclusion of green patch/active water channel/Flood protection structures/safe distance to bridge/irrigation canal headway etc.
 - c. Condition that the project proponent obtains a detailed and categorical NOC from the Executive Engineer, Irrigation Dept. indicating the position (Geo-coordinates) of the Canal headway vis-a-vis the mining block to the effect that the mining activity will not impact any infrastructure and the delivery system.
 - d. Condition that the project proponent obtains a detailed and categorical NOC from Assistant Director, Fisheries Dept. concerned specifying therein that the mining activity in the designated mining block shall not have any adverse impact on fish fauna in the area.
 - e. Condition, the PP also obtains categorical NOC from the Executive Engineer, Flood Control Dept to the effect that the mining activity will not impact any Flood Protection infrastructure in the area.
 - f. Condition, the haulage route does not traverse through the active water channel.
 - g. Condition, the bulk density is restricted to max.2 in absence of actual measurements.
 - h. Revision of mining plan with revised area, revised coordinates, revised surface plan, and revised calculation of minor mineral production at maximum 1m depth in aggregate in the light of deliberations of the JKEAC and its de-novo approval by the competent authority prior to grant of ToR or as decided by the JKEIAA.

- c) Now, the PP has again approached JKEIAA for grant of environmental clearance under B1 category owing to cluster situation with revised area of 1.20 Ha.
- d) **The Committee examined the mining block on Google Earth image of August, 2019 and observed features indicative of offtake point of irrigation khul at a distance of 96m.** Further, the Committee observed that as per the condition in the NOC issued by the Xen Irrigation Dept., no mining activity should be allowed within 750m from the offtake points. Therefore, the Committee desired project proponent to obtain field verification report on the observations made by the Committee from the concerned Xen Irrigation Dept with local PRI on board indicating therein presence or absence of irrigation offtake point **within 200m of the resized mining block of 1.20Ha** preferably with details marked on Colour Google image of the area depicting the mining block boundary and Kuhls/canals off-take points.
- e) The NOCs have been obtained individually from the concerned Depts. which are in a generalized format and not under Single window System.
- f) Illegal mining activity detected outside the mining block as per features on Google image which needs clarification from the Multi Dept. District level Task Force (MLDDTF) Cell indicating that the PP is not involved in any illegal mining.
- g) The compliance to specific ToR condition relating to photographs of display screen displaying the date of collection of data missing in EIA report which needs to be submitted.
- h) Mining depth of 2.5m & bulk density of 2.3 adopted in the mining plan not agreed by the Committee.

RECOMMENDATION OF THE COMMITTEE:

In view of the above deliberations and insight gained during the above cited appraisal process, the Committee rejected the case for grant of Environmental Clearance in the present form. However, the PP if he so desires may again approach the JKEIAA for reconsideration of the case after submitting compliance to the observations made herein above.

AGENDA ITEM NO: 06

Title of case:	Grant of Environmental Clearance (EC) for RBM (River Bed Mineral) Minor Mineral Block Mining Project, revised Area of 2.74 ha., Block-14 at Nallah Ferozpora District–Baramulla MINING LEASE AREA-2.74 Ha. U.T. Jammu & Kashmir favouring M/S Mohammad Shafi Mir, S/o Shri Gh Nabi Mir, R/o Kharnama, Tangmarg, Baramulla, J& K. baramullablock14@gmail.com
Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category (B1/B2)	B2
Proposal no:	SIA/JK/MIN/261332/2022/, SIA/JK/MIN/54958/2020
File no:	SEAC/JK/20/428

Consultant with validity	P and M Solutions valid till: - 10/12/2022
Presenter of consultant:	Shri Manas Viyas
Project proponent / representative of Project proponent:	M/S Mohammad Shafi Mir

CASE SUMMARY

Status	Resized Area (Ha)	Bid cost (in lacs)	Project cost (in lacs)	EMP cost proposed (in lacs)		CER budget proposed (lacs/annum)
				Capital	Recurring	
New Project	2.74	10.70	89.17	7.00	7.00	3.32

Mine Closure plan proposed (in lacs)	Mining depth proposed (mts.)	Haulage Route (Kms)	Bulk density proposed by proponent in PFR/EIA	Cluster situation (Yes/No)
1.30	1.00	0.48	2.00	NO* (fresh cluster certificate awaited)

* Refer letter 8232 dated 17/03/2022 JD(K), G&M Dept.

PROJECT EVENT DATES

Date of Letter of Intent (LoI)	LoI –Date of Extension, if any	LoI Date of Validity	Date of Mining Plan approval	ToRs granted on
27/03/2020	02/02/2022	26/03/2022	19/06/2020	Rejected 27/03/2022

G.O 76JK-FST of 2020 dated 29/07/2021 implemented by JKEIAA for the project on	Previous Project proponent	Baseline data Collection by (previous) project proponent as the case may be	Public Hearing held on	Case Discussed by JKEAC earlier on	Area reduced by G&M Dept.
NA	NA	NA	NA	27/03/2022	25/02/2021

APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

STATUS OF DOCUMENTATION

S. No.	Document	Status	Remarks of the Committee
1	Form 1/Form 2 /Form 1-M as applicable	Submitted	
2	Pre-feasibility report (PFR)	Submitted	
3	Approved Mine Plan /Mine closure Plan	Formulated not as per guidelines	Mine Plan needs to be revised for mining depth, closure plan, surface plan, targeted mineral production, mining methodology etc.
4	District Survey Report	Formulated not as per guidelines	Needs revision for including replenishment data etc.
5	(Environmental Management Plan/ Corporate Environmental Responsibility (EMP/CER)	Formulated but needs revision	Needs revision as per deliberations/ observations /recommendations

NO OBJECTION CERTIFICATES

S. No.	Department	status as per NOC	Remarks/ Reference
1	Irrigation Dept.	Issued conditionally	Ref NOC issued by Dy. Commissioner Baramulla concerned under single window
2	Flood Control Dept.	Issued conditionally	
3	Fisheries Dept.	Issued Conditionally	

4	Forest Dept.	Issued as non-forest land	clearance system under vide letter No: ADCB/Reader/21-22/211-23 Dated 04/03/201. In the NOC issued under single window Ferozepora Basin Irrigation Division Tangmarag (Jal shakti) mentions that the designed boundary of this mining block is too close to the take-off point of khul on the right side of the Ferozpora nallah and should be shifted accordingly.
5	Wildlife Protection Dept	Issued conditionally	
6	Pollution Control Board	Issued conditionally	
7	Revenue Dept.	Ambigeous	
8	PHE (Jalshakti) Dept.	Issued conditionally	
10	Soil and Water Conservation dept.	---	

ENVIRONMENTAL MANAGEMENT PLAN

S. No	Proposed actions	Budget proposed by Proponent (in lacs)		Remarks/ Budget recommended by Committee (in lacs)	
		Capital	Recurring	Capital	Recurring
1	Green belt development	1.00	1.00	3.00	2.00
2	Haulage route maintenance	0.50	0.50	2.00	2.00
3.	Env. Awareness programme	0.50	0.50	0.50	0.50
4	Pollution Monitoring	1.50	1.50	1.00	1.00
5	Pollution control/ water sprinkling/Dust suppression	1.50	1.50	2.00	1.00
6	Solid waste management	0.00	0.00	0.00	0.00
7.	Occupational Health & Safety of mine workers	1.00	1.00	2.00	1.00
9	Lying of Hume Pipes	0.00	0.00	0.00	0.00
	Total	7.00	7.00	10.50	7.50

COORPORATE ENVIRONMENT RESPONSIBILITY

S. No.	Project activity	Activities	Annual Budget proposed by Proponent (in lacs)	Remarks
1	Health	Free Distribution of medicines, health check-up, Covid -19, Distribution of Sanitizer, gloves and Mask to the nearby village and panchayat.	1.50	
2	Electrification	Solar Lamp distribution & Solar street light installation in the village.	0.50	
3	Drinking water facility	Drinking water facility in nearby village/ Installation of hand pumps panchayat/ Installation of hand pumps	0.00	
3	Sanitation	Construction of ladies' toilets in the village.	1.20	
4	Education	Distribution of school bags & books in nearby Primary School Education Grants to girl child to check drop outs in schools / Renovation of toilets of nearby school	0.80	
5	Rain water Harvesting structure	Construction of Rain water harvesting structure in the primary School nearby village.	0.00	
	Total		3.32	

BUDGET FOR SURVILIENCE

S. No.	Particulars	Budget proposed by Proponent (in lacs)		Remarks
		Capital	Recurring (in lacs)	
1	Transport Permit	2.00	0.00	

2	CCTV Camera	1.00	0.10	
3	Weight Bridge	10.00	1.00	
4	Personal Computer with power backup	0.50	0.05	
5	Mobile Application Barcode scanner	0.50	0.05	
6	Radio Frequency Identification Tag (RFID) and GPS	1.00	0.10	
7	Annual Audit of lease	0.00	0.70	
8	Security Guard	0.00	0.80	
	Total	15.00	2.80	

GENERAL PUBLIC HEARING CONCERNS AND COMMITMENTS

S. No.	Usual concerns expressed by public during proceedings	
1	Proper demarcation of mining block/mining depth to be maintained	Not Applicable
2	Prevention of illegal mining	
3	EMP cost to be implemented practically	
4	CER/CSR Activities for social upliftment	
5	RBM material to locals on concessional rates	
6	Manual mining & Employment to the local unemployed youth	
7	Display of contact details of concerned authorities for enabling locals to report illegal mining or violation of EC conditions	

EXAMINATION OF MINING SITE ON MULTIDATE GOOGLE EARTH IMAGE PLATFORM USING KML /KMZ FILE EMAILED/UPLOADED BY THE PROJECT PROPONENT/CONSULTANT

S.no.	Features observed	Within Mining site boundary	Outside mining site boundary	Upstream from mining block	Downstream	Remarks

		(Yes/No/Not identifiable)	(Yes/No/Not identifiable)	(Mts.)	From mining block (Mts.)	
1	Features indicative of any Illegal mining.	Yes	Yes	-	-	As per latest available google image of 09/2021.
2	Bridge with midstream piers, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
3	Bridge with only abutments, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
4	Foot bridge with only abutments on two banks, if any located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
5	Green patch (Cropland / trees /orchard etc. if any located within mining block/adjacent to	No	No	-	-	

	mining block or within 500 mts. from the mining block.					
6	Structures of any kind (buildings /Flood control/ protection works/ electric installations, if any located within/adjacent/ in close vicinity to mining block or within 500 mts. of the mining block.	No	No	-	-	
7	Irrigation canal headworks/ khul inlets, if any located within mining block or within 500 mts. of the mining block.	Not identifiable	Not identifiable	-	-	Not identifiable
8	Active water channels, if any crossing the mining block.	Yes	Yes	-	-	Active water channel needs to be excluded
9	National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance thereof from the mining block.	No	No	-	-	
10	Forest land, if any located in close vicinity of the mining block.	No	No	-	-	

	If yes, the distance thereof from the ends of mining block.					
12	Any other relevant feature of interest or condition which is critical to grant of ToRs/EC to the proposed project	No	No	-	-	

DELIBERATIONS/SPECIFIC OBSERVATION(S) OF COMMITTEE, IF ANY:

- a) The case had been discussed by the Expert Appraisal Committee earlier during the 31th Meeting held on 27/03/2022 during which the Committee rejected the project for grant of ToRs in view of presence of paddy land with plantations inside the mining block.
- b) Now, the PP has again approached the JKEIAA for grant of Environmental Clearance after getting the mining block resized to **2.74** ha from its original area of **7.69 ha** vide letter 7832-34 dated 25/02/2021 from the joint Director G&M Dept.
- c) The Committee while examining the resized mining block of 2.74 Ha on the Google image using KML file submitted by the consultant, observed features indicating a irrigation kuhl passing through the resized mining block near pillar – H. Therefore, the Committee desired that the PP should further get the mining block resized to 2.0 Ha to maintain a safe distance of at least 50m from the said kuhl, prior to grant of EC.
- d) The PP has submitted copy of letter No 8039-40 dated 08/03/2022 from Joint Director(K) G&M department which mentions that e-auctioned Minor Mineral Block no.13 (4.24ha) Baramulla and e-auctioned Minor Mineral Block no.15 (6.87ha) of Baramulla falls within a distance of 500 mtr. of the e-auctioned minor mineral block 14. However, the PP has informed that the block no. 13 and 15 which formed cluster with the instant block have been rejected for grant of ToRs earlier and therefore, the instant project may be considered under B2 category. However, the Committee desired that before considering the case under B2 category, the PP must submit a fresh cluster certificate indicating that no minor mineral block exists within 500m of the block No.14 on either sides.**
- e) NOC issued under single window by Ferozepora Basin Irrigation Division Tangmarag (Jal shakti) for original block mentions that the designed boundary of this mining block is too close to the take-off point of a khul on the right side of the Ferozepora nallah and should be shifted accordingly. Therefore the committee desired project proponent to obtain fresh NOC for the resized minor mineral block of size 2.00 Ha from the concerned Xen Irrigation Dept. reporting therein absence of irrigation offtake point / zamandari kuhl within 200m of the resized mining block, prior to grant of EC.**

- f) Further, the Committee also observed features indicative of heavy illegal mining which need clarification from the MDDLTF Cell, fixing of responsibility and report whether the PP is involved in it, **prior to grant of EC**. In case the PP is found to be involved in it, **the process for grant of EC shall be aborted**.
- g) Mining depth of **3.00** m & bulk density of **2.5** adopted in the instant mining plan were not agreed by the committee. Mining depth be restricted to max. 1m in aggregate and bulk density of 2.0 only be adopted for calculating the production targets in absence of actual field measurements. The mining plan should accordingly be revised.

RECOMMENDATION OF THE COMMITTEE

In view of the above deliberations / observations made by the Committee herein above, the Expert Appraisal Committee recommended the project for grant of EC subject to: -

- a) Standard and Specific Conditions as per **Annexure B** to these Minutes of Meeting.
- b) Fresh **cluster certificate** indicating therein that no other minor mineral block lies within a distance of 500 mts from the mining block 14 on either sides, **prior to grant of EC**.
- c) Submission of consent of local panchayat and field verification report from concerned Xen, Irrigation Dept. on the observations made by the Committee with seal and signature on the back side of Colour Google image of the area depicting the mining block boundary and Kuhls/canals off-take points with annotations, if any within 200m of the mining block boundary, stating therein that there are no irrigation off-take points in the vicinity of the resized mining block of 2 Ha, **prior to grant of formal EC**.
- d) Securing of “Non-involvement in illegal mining” certificate from the Multi Dept. District level Task Force (MDLTF) Cell, **prior to grant of formal EC**.
- e) Maximum targeted mineral production of **24000** MT.
- f) Condition the geographical coordinates as per revised area of 2.00 Ha to be conveyed by G&M Dept. are mentioned in the EC letter by JKEIAA.
- g) **Strict adherence to the terms and conditions of the NOCs of the stockholder departments which needs to be monitored by the enforcement agencies and concerned department.**
- h) **No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.**
- i) **Submission of compliance to all other observations made herein above under deliberations prior to grant of EC.**
- j) Validity of only three years from the date of commencement of the mining operations duly certified by the District Mineral Officer concerned with intimation to the JKEIAA and JKPCB in view of non-availability of replenishment data

OBSERVATIONS ABOUT CONDUCT OF CONSULTANTS

(Excellent/Good /Average/Poor)

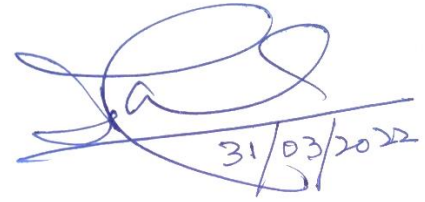
(SCALE: 9 to 10= Excellent / 7-8=Good /5-6=Average / 4-5= below average / less than 3= Poor)

S. No.	Component	OCEAO Enviro Management Solutions India Pvt. Ltd., Gaziabad	P and M Solution, Noida	Ab Majeed Mir RQP	Globus Environment Engineering Solutions
1	Submission of the documents	6	6	6	6

2	Site Appreciation Note, kml /kmz file, site photo and site videos and PowerPoint presentation	5	5	5	5
3	Presentation of factual details of case(s)	6	6	5	6
4	Field knowledge of the case(s)	5	5	5	5
5	Formulation of PFR, EMP, EIA, CER etc.	6	6	6	6
	Overall professional conduct during proceedings	5.6	5.6	5.4	5.6

Note: The recommendations made herein above are subject to grant of extension to the Letter of Intents of the pertinent cases by the Competent Authority and in case extension to LoI to any of the above cited cases is not granted, the recommendations thereof made herein above shall automatically stand withdrawn.

The minutes were formulated online by the JK Level Expert Appraisal Committee (JKEAC) immediately after the deliberations and are hereby issued with approval of the esteemed Chairman, JKEAC.



(Humayun Rashid)
S E C R E T A R Y
JKUT level Expert Appraisal Committee

NO:EAC/JK/22/13328-13340

Dated:31.03.2022

Copy by email to:

1. The Member Secretary, J&K Environment Impact Assessment Authority (JKEIAA), /PCCF/Director, Ecology, Environment and Remote Sensing, J&K Govt., Jammu for favour kind information.
2. Sh. S. C. Sharma, Chairman, J&K Expert Appraisal Committee, (JKEAC) 331 Shastri Nagar, Jammu-180004 for favour of kind information.
3. Sh. M.A Tak, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) 124 Mominabad (Near Jakfed), Anantnag Kashmir,-192101 for favour of kind information.
4. Sh. BrajBhushan Sharma, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) 278/2 Channi Himmat, Jammu for favour of kind information.
5. Professor Shakeel Ahmad Romshoo, Member, J&K Expert Appraisal Committee, (JKEAC) Department of Earth Sciences Kashmir University Srinagar-190006 for favour of kind information and necessary action please.
6. Sh. Abdul Rashid Makroo, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) H/No. 9 Lane No 11 Sector C, Gulshan Nagar Nowgam Bypass, Srinagar-190019 for favour of kind information please.
7. Professor ArvindJasrotia Member, J&K Expert Appraisal COMMITTEE, (JKEAC) 33/D Sainik Colony Jammu-180011 for favour of kind information please.
8. Dr.Ghulam Mohammad Dar, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Main Campus IMPA&RD, M.A Road, Srinagar-190001 for favour of kind information please.

9. Sh. Irfan Yasin, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Bagh-e-Hyderpora, Bypass, Srinagar for favour of kind information please.
10. Professor Anil Kumar Raina, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Department of Environmental Science University of Jammu, Jammu-180006 for favour of kind information please.
11. Professor M. A. Khan, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Khan House, A-27 Milatabad, Peerbagh “B” Srinagar for favour of kind information please.
12. Dr. Falendra Kumar Sudan, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Professor Department of Economics University of Jammu, Jammu for favour of kind information please.
13. Sh. Sheikh Sajid, PA for information and with direction to upload the minutes on the environmental clearance portal at parivesh.nic.in.
14. Concerned File.

ANNEXURE-B

STANDARD AND SPECIFIC CONDITIONS FOR GRANT OF ENVIRONMENTAL CLEARANCE WITH RESPECT TO RIVER BED MINING PROJECTS ON LEASE BASIS

STANDARD CONDITIONS :-

Statutory compliance

- 1) This Environmental Clearance (EC) is subject to orders/ judgment of Hon'ble Supreme Court of India, Hon'ble High Court of J&K, Hon'ble NGT and any other Court of competent jurisdiction, as may be applicable.
- 2) The Project Proponent complies with all the 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.
- 3) The UT Government of J&K 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.
- 4) This Environmental Clearance shall become 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 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 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 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 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 measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IAJI (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the 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) 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.
- 11) 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.

- 12) 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.
- 13) 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 web site of the Ministry of Environment, Forest and Climate Change (www.environmentclearance.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 for any change in ownership of the mining lease. In 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.

Air quality monitoring and preservation

- 15) The PP shall generate data on air quality parameters PM10, PM2.5, NO2; CO and SO2 etc. as covered in the EIA Report covering the aspects of transportation, extraction, etc in the impact zone as per the site condition to ascertain the exposure characteristics at specific places and submit the same along with 6-monthly compliance report to concerned IRO. The data be also displayed prominently at the site.
- 16) Effective safeguard measures for prevention of dust generation and subsequent suppression by way of regular mechanical water sprinkling & other measures shall be carried out in areas prone to dust pollution including haulage route.

Water quality monitoring and preservation

- 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 hydro-geological study of the area.
- 18) Regular monitoring of springs in and around the mine lease shall be carried out and recorded maintained. Natural water bodies and or streams which are flowing in and around the project area should not be disturbed. The PP in consultation with concerned department shall regularly monitor the groundwater table in open dug well located in the nearby villages to ascertain the impact of mining over ground water table. PP shall submit Report on changes in Ground water level and quality shall be submitted on six-monthly basis to Regional Office of the Ministry, MoEF&CC, CGWA and State Groundwater Department / State Pollution Control Board.
- 19) 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 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.

Noise and vibration monitoring and prevention

- 20) The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
- 21) 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 prescribed limits for day /night hours.
- 22) 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/ personals/ laborers are working without personal protective equipment.

Mining plan

- 23) The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation subject to changes recommended in the specific conditions herein below. 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 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 modified after grant of EC or granted by State Govt. in the form to Short Term Permit (STP), Query license or any other name.
- 24) The Project Proponent shall get the Final Mine Closure Plan along with Financial Assurance approved from Indian Bureau of Mines/Department of Mining & Geology as 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.
- 25) 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-à-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 the MoEFCC and its concerned Regional Office.

Transportation

- 26) No Transportation 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 transportation 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. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers.
- 27) 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 equipment's 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.

Green Belt

- 28) The river bed mining projects involve extraction of sand, gravel and Bajri from dry river/ Nallah Bed and plantation in the 7.5 m buffer of the mine lease will mean plantation in between the river/nallah bed which will obstruct the natural flow of the river/nallah and might also lead to change in natural habitat of aquatic fauna. In lieu of the plantation on river bed the proponents will carry out plantation in the adjacent villages after due consultations with the PR/locals and the concerned DFO. Besides, the PP shall adhere to the conditions for green belt development as per ESR/CER/EMP strictly.
- 29) The Project Proponent shall carry out 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.

- 30) 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 shelter from the scorching sun, should be scrupulously guarded/ protected against felling and plantation of such trees should be promoted.
- 31) The Project Proponent shall undertake all precautionary measures for conservation and protection of endangered flora and fauna and Schedule-I species during mining operation. A Wildlife Conservation Plan shall be prepared for the same clearly delineating action to be taken for conservation of flora and fauna. The Plan shall be approved by Chief Wild Life Warden of the State Govt.
- 32) And implemented in consultation with the State Forest and Wildlife Department. A copy of Wildlife Conservation Plan and its implementation status (annual) shall be submitted to the Regional Office of the Ministry.

Public hearing and human health issues

- 33) The Project Proponent shall appoint an Occupational Health Specialist for Regular as well as Periodical medical examination of the workers engaged in the mining activities, as per the DGMS guidelines. The records shall be maintain properly. PP shall also carryout Occupational health check-ups in respect of workers which are having ailments like BP, diabetes, habitual smoking, etc. The check-ups shall be undertaken once in six months and necessary remedial/ preventive measures be taken. A status report on the same may be sent to MoEFCC Regional Office and DGMS on half-yearly basis.
- 34) The Project Proponent must demonstrate commitment to work towards 'Zero Harm' from 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 neighbourhood 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.
- 35) The PP shall periodically monitor health of all the workers involved at mining site as per the regulations of Mines act.
- 36) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For this purpose, schedule of health examination of workers should be drawn and followed accordingly as per the regulations of Mines act. A First Aid Room shall be provided in the project both during construction and operations of the project.
- 37) The Project Proponent shall ensure that Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- 38) Project Proponent shall make provision for the housing for workers/labors or shall construct labour 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, crèche 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 in order to avoid contamination of underground water.

- 39) The activities proposed in Action plan prepared for addressing the issues raised during the Public Hearing, if applicable, shall be completed as per the budgetary provisions mentioned in the Action Plan and within the stipulated time frame. The Status Report on implementation of Action Plan shall be submitted to the concerned Regional Office of the Ministry along with District Administration.

Corporate Environment Responsibility (CER)

- 40) The activities and budget earmarked for Corporate Environmental Responsibility (CER) as per Ministry's O.M No 22-65/2017-IA. III dated 30/09/2020 or as proposed by EAC should be kept in a separate bank account. The activities proposed for CER shall be implemented in a time bound manner and annual report of implementation of the same along with documentary proof viz. photographs, purchase documents, latitude & longitude of infrastructure developed & road constructed needs to be submitted to Regional Office MoEF&CC annually along with audited statement.
- 41) Project Proponent shall keep the funds earmarked 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.

Miscellaneous

- 42) The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area and KML file for recording the base line data and closure time data (after three years) and submit a report to concerned Regional Office of the MoEFCC.
- 43) 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.
- 44) The Project Proponent shall submit six monthly 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.
- 45) 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.
- 46) 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.

SPECIFIC CONDITIONS: -

1	The Project Proponent must obtain NOCs from competent authority of all the concerned stake holder departments /Joint Inspection Report prior to grant of formal
---	-----------------------------------------------------------------------------------------------------------------------------------------------------------------

	Environmental Clearance (EC). The EC shall be subject to strict compliance of conditions of the NOCs issued by the stake holder departments.
2	The cremation ground if any in the vicinity be properly demarcated and left undisturbed and its map showing geographical coordinates be submitted to JKEIAA before issuance of formal EC. Besides, map showing extraction route bypassing village settlements and agricultural/horticultural land as far as possible be submitted to the JKEIAA before formal grant of EC.
3	The maximum exploitation of the RBM from the mining block shall be as per approved mining plan or <u>as per revised mining plan to be approved by competent authority <i>denovo</i></u> within the prescribed area and depth recommended by the JK Expert Appraisal Committee, as the case may be and <u>whichever is less</u> . Mining depth mentioned above the recommended depth by JKEAC, if mentioned anywhere in any of the submitted documents whether by mistake or otherwise, shall be treated as omitted.
4	A green belt shall be developed under close supervision of the local panchayat.
5	The river bed material shall be sold to the local population within radial distance of 2 kms from the mine site for residential construction purpose at 50% concessional rates.
6	The formal lease shall be granted only after the Project Proponent deposits the funds earmarked under EMP / CER in a separate account to be opened for the purpose and funds be utilized in coordination with DFO, Social Forestry Dept. and concerned Chief Medical Officer (CMO) under supervision of local Panchayat Head. The funds earmarked for CSR shall also be utilized in accordance with CSR Policy Rules.
7	All the provisions of Minor Mineral Rules sanctioned under SRO105 with all amendments with respect to pertinent provisions of the legal framework relating to progressive mine closure shall be complied by the Project Proponent.
8	This Environmental Clearance is subject to final outcome of any litigation pending before Hon'ble Supreme Court of India, Hon'ble High Court of Jammu & Kashmir, Hon'ble NGT, or any other Court of Law, if any, as may be applicable to this project.
9	This Environmental Clearance is without prejudice to the standing instructions /orders from the competent authorities in the MoEF&CC, GoI and the UT of J&K w.r.t river bed mining activity.
10	An inspection Committee comprising of Additional Dy. Commissioner, District Mineral Officer, representative of Pollution Control Board, Executive Engineer Irrigation & Flood Control Dept., Executive Engineer, PHE(Jalshakti) Dept. and District Fisheries Officer shall monitor the implementation of the EMP and also certify at the end of each monsoon, that sufficient replenishment of the minor mineral has taken place during monsoon and further mining in the mining block shall not adversely affect the hydrological and ecological settings in the area.
11	The Project Proponent shall take all precautionary measures during mining operations for conservation and protection of endangered fauna and flora in the area.
12	Masks and PPE shall be provided to the workers in view of COVID-19.
13	Social distancing norms and other standard operating procedures relating to COVID-19 shall be followed during mining activity.
14	The plan worked out and expenditure made under Occupational Health should be undertaken in consultation with the Local Health Institution/PHC/Sub-Centre for utilization for the health and welfare of the local workers involved in mining activity and villagers living in the close vicinity. Regular Medical checkups and free medicines shall be provided under the fund.

15	The Project Proponent must ensure that the biological clock of the villagers in the vicinity of the project is not disturbed by any unauthorized night operations and all measures must be taken for keeping the noise levels within prescribed levels.
16	Provision shall be kept for housing of the labour force, toilets, facilities for cooking, safe water, health care, crèche etc. for the labour force.
17	A final Mine closure Plan along with details of Corpus fund shall be communicated to the MoEF&CC in advance for approval.
18	The top soil in case of surface land mining shall be temporarily stored at the designated / appropriate site and concurrently used for land reclamation.
19	The mining operations shall be undertaken in a systematic manner so that it does not damage the aesthetic view of the area.
20	Adequate steps should be taken to check soil erosion and engineering structures shall be raised wherever required. The mining shall be restricted to 3/4 th of the width of the river/riverlet or 7.5 m(inward) from river bank but upto 10% of the width of the river. While calculating targeted mineral production and while formulating the mining plan, the project proponent shall ensure that the area for removal of minerals shall not exceed 60% of the mine lease area, and any deviation or relaxation in this regard shall be adequately supported by the scientific report in accordance with Sand Mining Monitoring & Enforcement Guidelines of 2020.
21	The compliance report shall be submitted at Integrated Regional Office of MoEF&CC, Jammu with a copy to the Regulatory Authority.
22	The mining activity should in no case go beyond the area as mentioned in the Letter of Intent or Environmental clearance letter, whichever is less and a buffer area is maintained such that the slopes of adjoining area does not get disturbed.
23	All the provisions made and restrictions imposed as covered in the Minor Mineral Rules, shall be complied with, particularly regarding Environment Management Practices and its fund management.
24	The recommendations made in the District Survey Report on sustainable mining practices if any shall be complied.
25	The mining shall be done in bench form with maximum bench height within the mining depth as prescribed by the Expert Appraisal Committee
26	Mining should be initiated only after installation of signboards with demarcation pillars indicating the geo-coordinates of the plot as mentioned in the letter of intent, measurements (length /breadth) and should be laid in presence of the authorized official of the Geology & Mining Department. All vertices /corners of the mining block must be marked with concrete pillars of size 0.5mtx0.5mt x2.5mts (2.5 mts. is the depth below the NSL).The demarcation pillars site should mention the specific EC conditions and contact details of concerned authorities responsible for monitoring of compliance of EC conditions/district administration/Police at four corners of the mining block prominently on a large size durable display board for enabling the public to inform the authorities in case of violation of the EC conditions. The display board with details shall be maintained in perfect order throughout the period of lease/mining.
27	There should be no change in the method of excavation and quantity of minerals to be extracted.
28	The EC holder shall keep a correct account of quantity of mineral mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This should be produced before officers concerned for inspection.

29	The access to mining site should be controlled in a way that vehicles carrying mineral from that area are tracked and accounted for in accordance with standing guidelines issued by the Govt.
30	The Geology & Mining Department should use technology like Bar Coding, Information and Communications Technology (ICT), Web based and ICT enabled services, mobile SMS App etc. to account for weight of mineral being taken out of the plot and the number of trucks moving out with the mineral.
31	The PP should ensure no agriculture land in the area is used for any storage of sand or gets damaged due to any other transportation activity. Where ever, damages to agricultural land, assets or human or bovine life by way of plying of trollies and tippers etc. involved in transportation of minor mineral is reported, the Project Proponent shall pay adequate compensation with penalty to the effected persons as to be fixed up by the competent authority.
32	Waste generated will be collected on regular basis and will be disposed as per the Municipal Solid Waste Management (Management & Handling) Rule 2000 and its subsequent amendments.
33	Spring sources should not be affected due to mining activities. Necessary Protection measures are to be incorporated.
34	The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded.
35	Overloading of trucks and trolleys will be avoided.
36	All the instructions from authorities representing various government departments having stakes shall be complied with during the mining operations.
37	Haul road will be kept wide, compact and water spraying will be done. It shall be properly maintain by the PP and restored to original position after mining. Axel load on the roads should not exceed the prescribed load as per IRC
38	Restricted working hours. Mining operation has to be carried out between 6 am to 7 pm. During day light. Mining operations shall not be allowed at night.
39	No overhangs shall be allowed to be formed due to mining and mining shall not be allowed in area where subsidence of rocks is likely to occur due to steep angle of slope. Mining activity shall not be avoided in rainy season
40	Vehicles used for transportation of material are to be permitted only with fitness and PUC Certificates.
41	There shall be no extraction of stone / boulder in landslide prone areas.
42	Adequate facility for drinking water and toilets should be provided for the workers.
43	There should be controlled clearance of overground vegetation to be undertaken.
44	Transport of mineral will not be done through villages / habitations and any private productive or waste land.
45	Deep drilled handpump with sufficient funding provision should be earmarked for providing drinking facility to the labour force.
46	Recommendations of National Institute for Labour for ensuring good occupational environment for mine workers would also be adopted.
47	The PP shall be responsible for enforcement of COVID-19 standard operating procedures and guidelines with respect to safety of workers involved in the mining activity.
48	Project Proponent shall ensure that the road may not be damaged due to transportation of the mineral and transport of minerals will be as per IRC relevant guidelines if any in this regard.

49	Health and safety of workers should be taken care of. They should also be provided training in safety and health care aspects.
50	Junction at takeoff point of approach road with main road be properly developed with proper width and geometry required for safe movement of traffic by concession holder at his own cost.
51	No stacking shall be allowed on road side along National Highway or any public road.
52	Concealing of any information/data of submission of wrong/fabricated information by the Project Proponent and failure to comply with any of the above conditions may lead to withdrawal of the EC and attract action under the provisions of EP Act, 1986.
53	Mining shall be done manually minimally supported by semi-mechanized methods. Heavy machinery like JCBs, Excavators/L&T hydraulic excavators etc. should not be allowed. Emphasis should be given to employment of locally available labour force to address the socio-economic concerns of the locals.
54	The progressive mine closure shall be as per Rules in vogue. All actions relating to progressive mine closure shall be taken well in advance during the final year of mining so that the site is rehabilitated ecologically.
55	The reasonable concerns expressed by the local population during public hearing or otherwise shall be addressed by the Project Proponent. No blasting operations shall be allowed.
56	No mining activity shall be carried out in flowing water channel area within the mining block and adequate measures shall be taken to safeguard water quality and aquatic life including fisheries if available in the same.
57	The PP shall earmark funds strictly as per the agreed Environmental Management Plan to be spent on environmental monitoring, dust sprinkling, green belt development, rehabilitation of mined out area and landscaping/regressing and haulage route maintenance. The detailed updated plan shall be submitted to JKEIAA as per above deliberations before grant of formal EC, if desired by the JKEAC. Further, the CSR funds shall be earmarked and utilized as per CSR Rules.
58	The hydraulic structures/embankments /protection bunds shall not be disturbed /damaged during mining operations.
59	The alignment of the bank of the river and water shall not be changed in any case.
60	The water way of the Nalla shall not be restricted.
61	The applicant is bound to abide by the J&K Water Resources (Regulation and Management) Act and Rules of 2011 and J&K Fisheries Act, 2016 and all other relevant Acts and Rules thereof.
62	The EC is subject to condition that the mining block is located on state land exclusively in river bed without any encumbrances of any sort.
63	Under CSR, within 2 km radial distance, activities like regular health check-up of local villagers once a week shall be undertaken with free medicines. Safe drinking water facility by way of renovation of existing tanks/wells, digging of new tube wells and installation of water filters shall be undertaken. Skill development trainings shall be organized for unemployed local youth. Further, construction of toilets in schools, solar street lighting, free distribution of books, note books, N95 masks, hand sanitizers and school bags among students within 2 km radius from the mine area shall be undertaken. Under EMP, with 2 kms radial distance from mine area; air, water, soil, noise pollution monitoring on half yearly basis, black topping of roads passing through villages and maintenance of haulage /extraction routes, water sprinkling, PPE to mine workers, bearing of school/college fee and allied costs on education of children of mine workers, bearing of all costs on ailments/healthcare of mine workers, creation of green belt by

	way of raising and maintenance of 2500 trees per hectare on land identified by DFO Social Forestry concerned in consultation with village panchayat during the period of mining, shall be undertaken.
64	The JKEIAA reserves the right to impose any other condition in the EC at any time during the period of mining lease. The JKEIAA reserves the right to revoke the EC in case any of the environmental clearance conditions are violated during the mining activity. Mere grant of Environmental Clearance does not entitle the Project Proponent for grant of mining lease unless he obtains all other clearances as required under other provisions of law.
65	The EC is subject to condition that the Project proponent shall not change the water course of the river and no mining activity shall be carried out in active channel area, if any in the mining block.
66	Wherever the PP has to transport the mined out material across shallow water creeks found inside the mining block, he shall lay Hume pipes of appropriate sizes for the purpose so as not to disturb the natural flow of water.
67	On the request of project proponent, the competent authority shall issue necessary corrigendum to the approved mining plan w.r.t mining depth and area excluding the active water channel /green patch/ flood control structures/maintenance of safe distance to bridges/hydraulic structures and quantification of the targeted mineral, if and wherever, recommended by the Expert Appraisal Committee.
68	The project proponent shall undertake an environmental audit at least once a year by a reputed third-party entity and report of such audit shall be placed in public domain.
69	To ensure that irrigation inlets are not left high and dry due to mining and resultant degradation of bed, the Project Proponent also must construct well-designed cut-off walls, stretching bank to bank, having depth 1.5 times the maximum scour depth below the bed level, both upstream and downstream, maintaining prescribed distance from irrigation inlet/s as per guidelines.
70	The District Mineral Officer shall monitor the replenishment of the mined-out areas, traffic management, levels of production, river bank erosion, exit point of the site and instruct the Project proponent for initiating measures for mitigating environmental concerns.
71	The PP shall not sub-let the mining block to any third party without written approval from the JKEIAA
72	After ceasing the mining operations, the project proponent shall undertake re-grassing of the mining lease area and any other area which may have been disturbed due to mining activities and restore the area to a condition fit for growth of flora, fauna and fodder as per rules in vogue.
73	The Project Proponent shall strictly adhere to the Sand Mining Guidelines of 2016 and Enforcement and Monitoring Guidelines of 2020 issued by the Ministry of Environment, Forest & Climate Change, GoI
74	An appeal against the EC shall lie with the Hon'ble NGT, if preferred within 30 days as prescribed under Section 16 of the NGT Act, 2010.
75	In the event any conflict in interpretation of Standard /General Conditions vis-a vis Specific Conditions, the Specific Conditions shall prevail.

ANNEXURE-D

STANDARD CONDITIONS:-

a) **Statutory compliance**

- i) This Environmental Clearance (EC) is subject to orders/ judgment of Hon'ble Supreme Court of India, Hon'ble High Court of J&K, Hon'ble NGT and any other Court of competent jurisdiction, **as may be applicable.**
- ii) The Project Proponent complies with all the 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.
- iii) The UT Government of J&K 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.
- iv) This Environmental Clearance shall become 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.**
- v) This Environmental Clearance shall become operational only after receiving formal Forest Clearance (FC) under the provision of Forest Conservation Act, 1980, **if applicable to the Project.**
- vi) Project Proponent (PP) shall obtain Consent to Operate after grant of EC if applicable 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 Committee, if applicable under rules.
- vii) The PP shall adhere to the provision of the Mines 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.
- viii) The Project Proponent shall obtain consents from 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, if applicable.
- ix) The Project Proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IAJI (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
- x) The Project Proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water and from CGWA for withdrawal of ground water for the project, if applicable under Rules.
- xi) A copy of EC letter will be marked to concerned Panchayat / local NGO etc. if any, from whom if any suggestion / representation has been received while processing the proposal.

- xii) State Pollution Control 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.
- xiii) 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.
- xiv) 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 web site of the Ministry of Environment, Forest and Climate Change (www.environmentclearance.nic.in). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.
- xv) 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 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.

b) Air quality monitoring and preservation

- 47) The PP shall generate data on air quality parameters PM10, PM2.5, NO₂; CO and SO₂ etc. in the impact zone as per the site condition to ascertain the exposure characteristics at specific places and submit the same along with 6-monthly compliance report to concerned IRO. The data be also displayed prominently at the site.
- 48) Effective safeguard measures for prevention of dust generation and subsequent suppression by way of regular mechanical water sprinkling& other measures shall be carried out in areas prone to dust pollution including haulage route.

c) Water quality monitoring and preservation

- 49) 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 hydro-geological study of the area.
- 50) Regular monitoring of springs in and around the mine lease shall be carried out and recorded maintained. Natural water bodies and or streams which are flowing in and around the project area should not be disturbed.
- 51) 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 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.

d) Noise and vibration monitoring and prevention

- 52) The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
- 53) 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 prescribed limits for day /night hours.
- 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/ personals/ laborers are working without personal protective equipment.

e) Mining plan

- 55) The Project Proponent shall adhere to the working parameters of mining plan which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation subject to changes recommended in the specific conditions herein below. 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 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 modified after grant of EC or granted by State Govt. in the form to Short Term Permit (STP), Query license or any other name.
- 56) 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-à-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 selfsustaining. The compliance status shall be submitted half-yearly to the MoEFCC and its concerned Regional Office.

f) Transportation

- 57) No Transportation 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 transportation 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. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular

emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers.

58) 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 equipment's 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.

g) Green Belt

59) The proponents will carry out plantation in the adjacent villages after due consultations with the PR/locals and the concerned DFO. Besides, the PP shall adhere to the conditions for green belt development as per ESR/CER/EMP strictly.

60) 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.

61) 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 quarry. 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.

62) The Project Proponent shall undertake all precautionary measures for conservation and protection of endangered flora and fauna and Schedule-I species during mining operation.

h) Public hearing and human health issues

63) The Project Proponent shall appoint an Occupational Health Specialist for Regular as well as Periodical medical examination of the workers engaged in the mining activities, as per the DGMS guidelines. The records shall be maintain properly. PP shall also carryout Occupational health check-ups in respect of workers which are having ailments like BP, diabetes, habitual smoking, etc. The check-ups shall be undertaken once in six months and necessary remedial/ preventive measures be taken. A status report on the same may be sent to MoEFCC Regional Office and DGMS on half-yearly basis.

- 64) The Project Proponent must demonstrate commitment to work towards 'Zero Harm' from 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 neighbourhood 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.
- 65) The PP shall periodically monitor health of all the workers involved at mining site as per the regulations of Mines act.
- 66) Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For this purpose, schedule of health examination of workers should be drawn and followed accordingly as per the regulations of Mines act. A First Aid Room shall be provided in the project both during construction and operations of the project.
- 67) The Project Proponent shall ensure that Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- 68) Project Proponent shall make provision for the housing for workers/labors or shall construct labour 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, crèche 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 in order to avoid contamination of underground water.
- 69) The activities proposed in Action plan prepared for addressing the issues raised during the Public Hearing, if applicable, shall be completed as per the budgetary provisions mentioned in the Action Plan and within the stipulated time frame. The Status Report on implementation of Action Plan shall be submitted to the concerned Regional Office of the Ministry along with District Administration.

J) Miscellaneous

- 70) The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area and KML file for recording the base line data and closure time data (after three years) and submit a report to concerned Regional Office of the MoEFCC.
- 71) 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.
- 72) The Project Proponent shall submit six monthly 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.
- 73) 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.

SPECIFIC CONDITIONS: -

1	The Project Proponent must obtain NOCs from competent authority of all the concerned stake holder Departments prior to grant of formal Environmental Clearance.
2	The maximum exploitation of the material shall be <u>as per mining plan approved by competent authority.</u>
3	A green belt shall be developed under close supervision of the local panchayat.
4	The material shall be sold to the local population of the panchayats falling within aerial distance of 1 kms from the mine site for residential construction purpose only at 50% concessional rates.
5	The EMP / CER funds shall be deposited in a separate account to be opened by the PP for the purpose and funds be utilized in coordination with DFO, Social Forestry Dept. and concerned Chief Medical Officer (CMO) under supervision of local Panchayat Head.
6	All the provisions of Minor Mineral Rules sanctioned under SRO105 with all amendments thereof with respect to pertinent provisions of the legal framework relating to progressive mine closure shall be complied by the Project Proponent.
7	This Environmental Clearance is subject to final outcome of any litigation pending before Hon'ble Supreme Court of India, Hon'ble High Court of Jammu & Kashmir, Hon'ble NGT, or any other Court of Law, if any, as may be applicable to this project.
8	This Environmental Clearance is without prejudice to the standing instructions /orders from the competent authorities in the MoEF&CC, GoI and the UT of J&K w.r.t mining activity.
9	The Project Proponent shall take all precautionary measures during mining operations for conservation and protection of endangered fauna and flora in the area.
10	Masks and PPE shall be provided to the workers in view of COVID-19. Social distancing norms and other standard operating procedures relating to COVID-19 shall be followed during mining activity as per directions issued by Govt. from time to time.
11	The plan worked out and expenditure made under Occupational Health should be undertaken in consultation with the Local Health Institution/PHC/Sub-Centre for utilization for the health and welfare of the local workers involved in mining activity and villagers living in the close vicinity. Regular Medical checkups and free medicines shall be provided under the fund.
13	The Project Proponent must ensure that the biological clock of the villagers in the vicinity of the project is not disturbed by any unauthorized night operations and all measures must be taken for keeping the noise levels within prescribed levels.

14	Provision shall be kept for housing of the labour force, toilets, facilities for cooking, safe water, health care, crèche etc. for the labour force.
15	A final Mine closure Plan along with details of Corpus fund shall be communicated to the MoEF&CC in advance for approval.
16	The top soil in case of surface land mining shall be temporarily stored at the designated / appropriate site and concurrently used for land reclamation.
17	The mining operations shall be undertaken in a systematic manner so that it does not damage the aesthetic view of the area.
18	Adequate steps should be taken to check soil erosion and engineering structures shall be raised wherever required.
19	The compliance report shall be submitted to the Regional Office of the MoEF&CC at Jammu with a copy to the Regulatory Authority.
20	The mining activity should in no case go beyond the area as mentioned in the quarry license and a buffer area is maintained such that the slopes of adjoining area do not get disturbed.
21	All the provisions made and restrictions imposed as covered in the Minor Mineral Rules, shall be complied with, particularly regarding Environment Management Practices and its fund management.
22	The recommendations made in the District Survey Report on sustainable mining practices, if any, shall be complied.
23	The mining shall be done in bench form with maximum bench height as approved in the mining plan.
24	Mining should be initiated only after installation of signboards with demarcation pillars indicating the geo-coordinates of the plot as mentioned in the quarry license/mining plan, measurements (length /breadth) and should be laid in presence of the authorized official of the Geology & Mining Department. The demarcation pillars site should mention the specific EC conditions and contact details of concerned authorities responsible for monitoring of compliance of EC conditions/district administration/Police at four corners of the mining site prominently on a large size durable display board for enabling the public to inform the authorities in case of violation of the EC conditions. The display board with details shall be maintained in perfect order throughout the period of lease/mining.
25	There should be no change in the method of excavation and quantity of minerals to be extracted.

26	The EC holder shall keep a correct account of quantity of mineral mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This should be produced before officers concerned for inspection.
27	The access to mining site should be controlled in a way that vehicles carrying mineral from that area are tracked and accounted for in accordance with standing guidelines issued by the Govt.
28	The Geology & Mining Department should use technology like Bar Coding, Information and Communications Technology (ICT), Web based and ICT enabled services, mobile SMS App etc. to account for weight of mineral being taken out of the plot and the number of trucks moving out with the mineral.
29	The PP should ensure no agriculture land in the area is used for any storage of overburdened material. Wherever, damages to agricultural land, assets or human or bovine life by way of plying of trollies and tippers etc. involved in transportation of minor mineral is reported, the Project Proponent shall pay adequate compensation with penalty to the effected persons as to be fixed up by the competent authority.
30	Waste generated will be collected on regular basis and will be disposed as per the Municipal Solid Waste Management (Management & Handling) Rule 2000 and its subsequent amendments.
31	Spring sources should not be affected due to mining activities. Necessary Protection measures are to be incorporated.
32	The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded.
33	All the instructions from authorities representing various government departments having stakes shall be complied with during the mining operations.
34	Haul road will be kept wide, compact and water spraying will be done. It shall be properly maintained by the PP and restored to original position after mining. Axle load on the roads should not exceed the prescribed load as per IRC
35	Restricted working hours. Mining operation has to be carried out between 6 am to 7 pm. during day light. Mining operations shall not be allowed at night.
36	No overhangs shall be allowed to be formed due to mining and mining shall not be allowed in area where subsidence of rocks is likely to occur due to steep angle of slope. Mining activity shall be avoided in rainy season
37	Vehicles used for transportation of material are to be permitted only with fitness and PUC Certificates.

38	There shall be no extraction of stone / boulder in landslide prone areas.
39	Adequate facility for drinking water and toilets should be provided for the workers.
40	There should be controlled clearance of overground vegetation to be undertaken.
41	Transport of mineral will not be done through villages / habitations and any private productive land.
42	Deep drilled handpump with sufficient funding provision should be earmarked for providing drinking facility to the labour force.
43	Recommendations of National Institute for Labour for ensuring good occupational environment for mine workers would also be adopted.
44	No stacking shall be allowed on road side along National Highway or any public road.
45	Concealing of any information/data of submission of wrong/fabricated information by the Project Proponent and failure to comply with any of the above conditions may lead to withdrawal of the EC and attract action under the provisions of EP Act, 1986.
46	The Environmental Clearance is subject to payment of compensation to the local villagers against acquisition of their land for the project, if any.
47	Check dams and siltation ponds of appropriate size should be constructed to arrest silt and sediment flows from mine working, soil and mineral dumps. The water so collected should be utilized for watering mine area, roads, green belt development etc. The drains should be regularly desilted and maintained properly
54	Garland drain of appropriate size, gradient and length shall be constructed for mine pit and mineral dumps and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material.
55	Regular water sprinkling should be carried out in critical areas prone to air pollution and having high levels of SPM and RPM such as haul road, loading and unloading point and transfer points. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
56	The JKEIAA reserves the right to impose any other condition in the EC at any time during the period of mining lease. The JKEIAA reserves the right to revoke the EC in case any of the environmental clearance conditions are violated during the mining activity. Mere grant of Environmental Clearance does not entitle the Project Proponent for grant of mining lease unless he obtains all other clearances as required under other provisions of law.
57	The project proponent shall undertake an environmental audit at least once a year by a reputed third-party entity and report of such audit shall be placed in public domain.
58	The PP shall not sublet the quarry to any third party without approval of the JKEIAA

59	An appeal against the EC shall lie with the Hon'ble NGT, if preferred within 30 days as prescribed under Section 16 of the NGT Act, 2010.
60	In the event any conflict in interpretation of Standard /General Conditions vis-a vis Specific Conditions, the Specific Conditions shall prevail.