



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

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MINUTES OF MEETING

MINUTES OF 84TH MEETING OF THE JK EXPERT APPRAISAL COMMITTEE HELD ON 07TH OF FEBRUARY, 2022 VIA VIDEO CONFERENCING

In pursuance to Meeting Notice issued vide No: EAC/JK/22/12379-12403 dated: 19/01/2022 and No: EAC/JK/22/ 12454-12477 dated 31/01/2022, the 84th Meeting of JK Level Expert Appraisal Committee (JKEAC) was held on 07th of February, 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. Irfan Yasin	Member
6	Dr. G.M. Dar	Member
7	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) Minor Mineral Block No-22, revised area 4.26 Ha, Poonch River Upstream Sher-e-Kashmir Bridge (Bhainch Area), Village- Dalera & Bhainch, Tehsil & District-Poonch, State-Jammu & Kashmir in favour of M/S Singh Minerals.
Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category(B1/B2)	B1
Proposal no:	SIA/JK/MIN/59983/2021
File no:	SEAC/JK/20/452
Consultant with validity	M/S P & M solutions Pvt. Ltd, Noida. Valid till: 10/12/2022
Presenter of consultant:	Mr. Manas Vyas
Project proponent / representative of Project proponent:	Mohd. Rashid

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	4.26	20.07	167.80	12.50	9.00	2.68

Mine Closure plan proposed (in lacs)	Revised Mining depth proposed (mts.)	Haulage Route (Kms)	Bulk density proposed by proponent	Cluster situation (Yes/No)
Not Provided	1	0.52 & 1.32	2.25	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
09/09/2020	28/12/2021	31/03/2022	15/12/2020	30/03/2021

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 2021	31-07-2021	13-03-2021 & 30-10-2021	30/11/2021

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	Needs revision as per deliberations/ observations /recommendations

3	Approved Mine Plan /Mine closure Plan	Formulated not as per guidelines	Mine Plan needs to be revised for bulk density, 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	NOCs issued under single window system by Deputy Commissioner vide No: DCP/PA/1121-31 dated: 15/05/2021.
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 (in lacs)		Remarks/ Budget recommended by Committee (in lacs)	
		Capital	Recurring	Capital	Recurring
1	Green belt development	3.00	1.50	3.00	2.00
2	Haulage route maintenance	4.00	2.00	6.00	5.00
3	Env. Awareness programme	0.50	0.50	0.50	0.50
4	Pollution monitoring	1.00	1.00	2.00	2.00
5	Dust suppression	2.00	2.00	3.00	2.00
6	Occupational Health & Safety of mine workers	2.00	2.00	2.00	2.00
7	Installation of Hume pipes	0.00	0.00	6.00	4.00
	Total	12.50	9.00	22.50	17.50

COORPORATE ENVIRONMENT RESPONSIBILITY

S. No.	Project activity	Activities	Annual Budget proposed by Proponent (in lacs)	Remarks Budget recommended by Committee (in lacs)
1	Health	Health awareness, medical camps (Free Distribution of medicines, health check-up) etc in the village nearby.	1.00	1.00
2	Drinking water	Providing drinking water facility in the nearby village	0.50	0.60
3	Covid -19	Distribution of Sanitizers, face masks etc in the nearby village.	0.50	0.60
4	Sanitation	Construction of toilet in the nearby village	0.00	0.00
5	Education	Distribution of free school books , stationery, face lifting etc in the nearby school	0.68	1.00
	Total		2.68	3.20

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	Opposed the move of allotment of the block to the non-local	Yes
8	Protection bunds must be constructed along the river bank near the mining block	Yes
9	Loss of land of local people near the mining block must be assessed first	Yes
10	Pasture lands located near mining block shall not be ignored	Yes
11	Mining activities will affect the water level which will ultimately disturb the irrigation canal.	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 (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 indicative of illegal mining on Google Image of 10/2021
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 /	No	No	-	-	

	trees /orchard etc. if any located 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	-	-	Features indicative of presence of supply channel of irrigation works in the vicinity on Google Image of 10/2021. However, the Xen, Irrigation Dept. has freshly communicated that no such feature exists within 238m
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	No	No	-	-	

	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 project had earlier been discussed during 29th meeting held on 13.03.2021 during which the committee recommended TORs to the project subject to title verification of the mining block by the concerned revenue authority and subject to exclusion of the private land if any involved due to change of Nalla course and subject to revision of project cost and exclusion of the active water channel.
- b) The project came for appraisal for grant of EC during the 68th meeting held on 30/10/2021 during which it was observed that the PP has obtained title verification of the mining block besides clarification from the MDLTF cell stating that the PP is not involved in any illegal mining activity in the designated block. However, the Committee did not approve the case during the session and further desired:-
 - i. PP to obtain '*fit for mining certificate*' from G&M Dept. in view of depleted nature of minor minerals as observed on the Google image.
 - ii. To provide two separate haulage routes for northern and Southern Shoals, with exclusion of active water channel while calculating the targeted mineral production and submission of revised EIA/PFR accordingly.
 - iii. **To obtain field verification report of observations relating to presence of off-take points of irrigation kuhls from the concerned Xen Irrigation Dept.**
 - iv. Compliance to specific ToR condition relating to photographs of display screen of Air Quality Monitoring Station displaying the dates of collection of baseline data.
 - v. Revision of project cost.
 - vi. Revision of EMP/CER budget.
 - vii. Revision of the mining plan with mine closure plan, revised mining depth, surface plan, area targeted mineral production and replenishment and its *denovo* approval by the competent authority prior to grant of EC or as decided by JKEIAA.
 - viii. Mining depth be restricted to max. 1m in aggregate in view of non-availability of replenishment data in the DSRs formulated by the G&M Dept. A nominal bulk density of 2.0 in absence of actual measurements.
- c) In the instant meeting, the Committee made following observations:-
 - i. The PP has obtained '*fit for mining certificate*' issued by DMO, G&M Dept. Poonch, Vide letter No: DMO-Poonch /21-22/539-40 dated: 20/11/2021 stating that the mining site has naturally replenished post-monsoon and there is enough material to be mined out from the site.
 - ii. The PP has submitted the revised transportation route with two separate haulage routes for Northern (0.52 km) & Southern (1.32 km) Shoals. The active water channel portion has been left out after resizing of the mining block to 4.26 Ha from 8.54 Ha. The remaining portion of 4.26 Ha of mining

- block has been divided into Northern shoal (2.26 Ha) & Southern Shoal (2.00 Ha) respectively while excluding the active water channel.
- iii. The NOC has been obtained from the Executive Engineer, I & FC Division, Poonch vide letter No. IFCP/ 1196 dated: 25/11/2021 also stating therein that the mining block is 238 m away from the head of irrigation Kuhl (Kanyuian Kuhl).
 - iv. Compliance to specific TOR condition relating to photographs of display screen of air quality monitoring station is awaited.
 - v. The project cost has been revised, however same needs to be updated after considering revised EMP/CER as suggested in remarks column.
 - vi. EMP/CER budget needs to be revised with appropriate budget as suggested in the remark's column, **prior to grant of EC.**
 - vii. Revised mining plan is still awaited and therefore needs to be submitted, **prior to grant of EC.**

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 the grant of environmental Clearance subject to: -

- a) Standard and Specific Conditions as per **Annexure B** to these Minutes of Meeting.
- b) Compliance of observations made herein above under deliberations, prior to grant of EC.**
- c) Revision of Mining plan as deliberated herein above, prior to grant of EC.
- d) Strict adherence to the terms and conditions of the NOCs of the stakeholder departments which need to be monitored by the enforcement agencies and concerned dept.**
- e) No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.**
- f) Maximum targeted mineral production of **51100 MT.**
- g) Condition the geographical coordinates as per revised area conveyed by G&M Dept. are mentioned in the EC letter by JKEIAA
- 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 River bed mining of Minor Mineral in Block No. 01, revised Area 2.95 Ha., located at Dooru Bridge Sandran Nallah, Downstream, Village- Dooru District: Anantnag, U.T of Jammu & Kashmir in favour of Shri Mohammad Iqbal Deva S/O Shri Ghulam Mohammad Deva.
Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category(B1/B2)	B2
Proposal no:	SIA/JK/MIN/235080/2021/ //SIA/JK/MIN/59050/2020
File no:	SEAC/JK/20/484
Consultant with validity	M/S Abdul Majid Mir (RQP). Valid till: 16/05/2027
Presenter of consultant:	Mr. Abdul Majid Mir
Project proponent / representative of Project proponent:	Mohammad Iqbal Deva

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	2.95	103.39	204.04	10.20	10.62	4.13

Mine Closure plan proposed (in lacs)	Mining depth proposed (mts.)	Haulage Route (Kms)	Bulk density proposed by proponent	Cluster situation (Yes/No)
1.00	3.0	0.90	2.1	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
21/07/2020	28/12/2021	31/03/2022	19/09/2020	NA

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	NA	NA	01/04/2021	16/10/2021

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	Needs revision as per deliberations/ observations /recommendations
3	Approved Mine Plan /Mine closure Plan	Formulated not as per guidelines	Mine Plan needs to be revised for bulk density, 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	
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	Not submitted	
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 (in lacs)		Remarks/ Budget recommended by Committee (in lacs)	
		Capital	Recurring	Capital	Recurring
1	Green belt development	6.00	3.00	6.00	3.00
2	Haulage route maintenance	3.00	2.00	3.00	2.00
3	Env. Awareness programme	0.00	2.50	1.00	2.50
4	Pollution monitoring	0.00	2.00	2.00	2.00
5	Dust suppression	0.00	0.72	2.00	1.00
6	Occupational Health & Safety of mine workers	1.20	0.40	1.00	1.00
7	Laying of Hume pipes	0.00	0.00	6.00	5.00
	Total	10.20	10.62	21.20	16.50

CORPORATE ENVIRONMENT RESPONSIBILITY

S. No.	Project activity	Activities	Annual Budget proposed by Proponent (in lacs)	Remarks
1	Health	Free Distribution of medicines, health check-up	1.00	

2	Electrification	Installation of free solar lights, distribution of free solar lights.	1.50
3	Covid -19	Distribution of Sanitizers, face masks etc in the nearby village.	0.00
4	Sanitation	Construction of toilet in the nearby village	0.00
5	Education	Renovation of toilets of the nearby school	1.63
	Total		4.13

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	

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 indicative of illegal mining on Google Image of 11/2020
2	Bridge with midstream piers, if any, located within mining area/ within 500 mts. from the	No	No	-	-	

	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/ 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	-	-	Features indicative of Irrigation Khuls/canals on Google Image of 11/2020
8	Active water channels, if any	Yes	Yes	-	-	Need to be excluded

	crossing the mining block.					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	Yes	-	-	Hospital in close vicinity of the mining block on Google image of 11/2020

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

- a) The project had earlier been discussed during 32nd meeting held on 01.04.2021 during which the Committee had asked for :-
 - i. Prior report from district level Committee comprising of I &FC, PWD, Superintendent of the Hospital/ CMO of the District, Soil Conservation Dept., Revenue Dept. and G&M department stating that operation of mining block in close vicinity would not lead to any adverse environmental implications for the nearby Hospital.
 - ii. Prior clarification from the Multi department District Level Task Force (MDLTF) cell, stating that the PP is not involved in any kind of illegal mining activity in the said mining block.
- b) Now the PP has applied for EC under B2 category after resizing the mining block from 4.51 Ha to 2.95 Ha after maintaining a safe distance of more than 500m to the civil structures.
- c) The PP has also furnished cluster certificate for consideration under B2 category.
- d) In the instant meeting the Committee made following observations:-
 - i. The PP has obtained clarification from MDLTF cell vide letter No: DCS/SS/2021 726-38 dated: 23/11/2021 issued by Deputy Commissioner, Anantnag stating that the PP is not involved in any illegal mining activity in the mining block.
 - ii. The NOC has been furnished by Medical Superintendent (Model Hospital Dooru) Vide letter No. Est/SDHD/Misc/1808-11 dated 16/07/2021 stating that the said hospital has no objection for extraction work at minor mineral block 01 based on the technical report of Executive Engineer of the Flood Control Dept., Anantnag, who, however, has made no mention of any impact on the hospital. The Committee observed that the NOC from the Medical

Superintendent in standalone capacity was not in conformity with the requirement set out by JKEAC and does not entirely clarify the situation to the extent that mining activity including transportation of the mined material will not adversely affect the environmental setting required for the hospital. PP, therefore, shall be required to submit joint report as suggested earlier, **prior to grant of EC.**

- iii. Features indicative of irrigation Khuls were observed on Google image of Nov, 2020 in close vicinity of the resized mining block. Therefore, the Committee desired project proponent to obtain field verification of the observations by the concerned Xen Irrigation Dept. In case, it is found that such irrigation facilities are not actually existing, same needs to be recorded by the concerned hydraulic engineer with consent of local PRI, with seal and signature, certifying therein that there are no irrigation off-take points within 200m of the mining block boundary, preferably on the back side of Colour Google image of the area depicting the mining block boundary and Kuhls/canals off-take points **prior to grant of EC. Besides above, NOC from the Tehsildar concerned shall also be obtained by the PP, in case the irrigation facility is a Zamindari kuhl, prior to grant of EC.**
- iv. Exclusion of active water channel while calculating the targeted mineral production and submission of revised PFR **prior to grant of formal EC.**
- v. Further resizing of the block required to be done to ensure a safe distance of 500m from the boundary of hospital resulting in net area of the mining block within pillars CDHI as **2.40 Ha only, prior to grant of EC.**
- vi. Project cost has been underestimated by the consultant as it does not include cost of EMP, CER and therefore needs to be revised, **prior to grant of EC.**
- vii. EMP budget needs to be revised with appropriate budget as suggested in the remark's column above, **prior to grant of EC.**
- viii. Revision of the mining plan with mine closure plan, revised area, mining depth, bulk density, surface plan, targeted mineral production and replenishment and its *denovo* approval by the competent authority **prior to grant of EC.**
- ix. Mining depth of 3.0 m & bulk density of 2.1 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.
- x. Copy of Letter of Intent has not been submitted as part of the documentation and the Committee desired that the PP should submit its copy **prior to grant of EC.**

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 the grant of Environmental Clearance subject to: -

- a) **Standard and Specific Conditions as per Annexure B to these Minutes of Meeting.**
- b) Compliance of observations made herein above under deliberations, **prior to grant of EC.**
- c) Revision of mining plan as specified herein above, **prior to grant of EC.'**
- d) NOC from the concerned Tehsildar w.r.t Zamindari Kuhl **prior to grant of EC**
- e) *Clarification from the concerned Xen Irrigation Dept. specifically mentioning presence or absence of irrigation offtake points within 200m of the mining block, prior to grant of EC.*
- f) **Strict adherence to the terms and conditions of the NOCs of the stakeholder departments 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 **28800 MT.**

- i) Condition the geographical coordinates as per revised area conveyed by G&M Dept. are mentioned in the EC letter by JKEIAA.
- 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.

AGENDA ITEM NO: 03

Title of case:	Grant of Environmental Clearance (EC) for the Minor Mineral (River Bed Material) mining project at block no. 27, revised area 5.10 Ha. Located at village Mah, Tehsil: Qaimoh & District: Kulgam UT Jammu & Kashmir in favour of Shri Gh. Mohammad Pinchoo S/O Shri Mohammad Rajab Pinchoo(ADS)
Project type (whether mining lease/STP/Quarry license/brick earth)	Mining Lease
Category(B1/B2)	B1
Proposal no:	SIA/JK/MIN/57331/2020
File no:	SEAC/JK/20/313
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:	Shri Gh. Mohammad Pinchoo

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	5.10	288.90	599	17.21	3.57	11.13

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	1	1.80	2.0	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
05/08/2020	28/12/2021	31/03/2022	31/08/2020	27/12/2020

G.O 76JK-FST of 2020 dated 29/07/2021 implemented by JKEIAA for the project on	Previous Project proponent	Baseline data Collection by 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	08/05/2021	17/11/2020 & 30/11/2021	31/12/2021

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	Needs revision as per deliberations/ observations /recommendations
3	Approved Mine Plan /Mine closure Plan	Formulated not as per guidelines	Mine Plan needs to be revised for bulk density, 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	
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 conditionally	
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 (in lacs)		Remarks/ Budget recommended by Committee (in lacs)	
		Capital	Recurring	Capital	Recurring
1	Green belt development	0.86	0.22	4.00	2.00
2	Haulage route maintenance	11.04	1.10	10.00	4.00
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	1.11	1.11	2.00	2.00
6	Occupational Health & Safety of mine workers	3.55	0.57	3.00	1.00
7	Solid waste management	0.23	0.15	0.23	0.15
8	Installation of Hume pipes	0.00	0.00	6.00	5.00
	Total	17.21	3.71	27.73	16.65

COORPORATE ENVIRONMENT RESPONSIBILITY

S. No.	Project activity	Activities	Annual Budget proposed by Proponent (in lacs)	Remarks Budget recommended by Committee (in lacs)
1	Health	Free Distribution of medicines, health check-up	0.00	2.50
2	Solar lighting	Installation of solar panels, distribution of solar lights in the nearby area	5.56	2.00
3	Covid -19	Distribution of Sanitizers, face masks etc in the nearby village.	0.00	0.63
4	Sanitation	Construction of toilet (Ladies & Gents) in the nearby village	0.00	3.00
5	Education	Financial aid for school, building repairs & distribution of furniture, stationers in the nearby school	5.56	3.00
	Total		11.13	11.13

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	0.05	
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	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	Employment to the local unemployed youth	Yes
7	Mining should be done scientifically	Yes
8	Pitched for grant of early EC	Yes
9	Environmental issues should be resolved on priority	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 (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 indicative of illegal mining on Google image of 10/2021
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 mining block or within 500 mts. of the mining block.	Not identifiable	Yes	-	-	Features indicative of Irrigation canal headworks/ khul on Google image of 10/2021
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	No	No	-	-	

	the mining block and distance thereof from the mining block.					
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 recommended ToRs in favour of the project subject to condition that the mining block is relocated to exclude green area and to tap materials south of the Pillar-C of the mining block to appropriately train the nallah.
- b) The project came under appraisal for grant of EC during the 76th meeting held on 30/11/2021 during which the committee did not approve the case. However, the Committee had sought prior action on following points for reconsideration of the case:-
 - i. Clarification from Multi Dept. District level Task Force (MDLTF) Cell w.r.t fixing of responsibility for heavy illegal mining in the block.
 - ii. Submission of '*fit for mining certificate*' for the mining block from the G&M Dept.
 - iii. Field verification report from the Xen Irrigation Dept. w.r.t presence or absence of offtake point of irrigation canal/kuhls within 200m from the mining block substantiated with certificate on Google image depicting the same, with local PRI on board.
 - iv. Submission of Technical Feasibility Report from Joint Inspection Committee comprising of representatives of Revenue, G&M Dept., Irrigation & Flood Control Dept. and Fisheries Dept. certifying therein, that the mining activity in the block would not cause any adverse environmental impact on the existing irrigation facilities, flood protection works and fisheries potential of the nalla.
 - v. Submission of clarification / specific NOC w.r.t the two nurseries in close vicinity of the block from the concerned department's viz. Forest/Horticulture Dept. or local PRI/private owners, as the case may be.
 - vi. Exclusion of active water channel while calculating the targeted mineral production and the revised PFR/EIA be submitted prior to grant of formal EC.
 - vii. The compliance to specific ToR condition relating to photographs of display screen of Air Quality Monitoring Station displaying the dates of collection of data.
 - viii. Revision of Project cost.
 - ix. Revision of EMP/CER budget.

- x. Revision of the mining plan with mine closure plan, revised mining depth, revised area, surface plan, targeted mineral production and replenishment and its *denovo* approval by the competent authority prior to grant of EC or as decided by JKEIAA.
- c) In the instant meeting, the Committee made following observations:-
- i. Non-involvement of PP in illegal mining clarified in the joint inspection report filed in pursuance to meeting held on 18/11/2021.
 - ii. The PP has obtained '**fit for mining certificate**' issued by Joint Director, G&M Dept. Kashmir, Vide letter No: MSK/DGM/Sgr/F-13/B-16/6769-70 dated: 29/12/2021 stating therein that existing mining block is fit for mining if same is carried out as per terms & conditions laid down by various stake holders & as per NGT guidelines.
 - iii. A categorical NOC has been issued by Executive Engineer, Irrigation Division, Kulgam Vide letter No: 5159-62 dated: 28/12/2021 stating that there is no canal/Khul pertaining to Irrigation Division Kulgam offtaking within 200 m of the said mining block.
 - iv. Compliance to item iv. Supra is awaited as the Technical Feasibility Report has not been submitted by the PP. Therefore, the Committee desired that the PP should submit the said report, **prior to grant of EC. In case the joint technical inspection report is found to be adverse, the process of EC shall be liable to be aborted.**
 - v. **The PP has submitted NOC from the local PRI but the same does not indicate that the nurseries belong to the Panchayat. Therefore, the PP needs to first identify the owners of the nurseries and then obtain NOC from the same duly attested by the Tehsildar, prior to grant of EC.**
 - vi. Compliance has been made w.r.t exclusion of the active water channel while calculating targeted mineral as the block has been resized from 8.21 Ha to 5.10 Ha.
 - vii. Compliance to serial No. vii. Supra is also awaited.
 - viii. Project cost has been revised but it needs further refinement.
 - ix. EMP /CER budget has been revised but it needs further improvement.
 - x. Revision of mining plan is also awaited.

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 the grant of environmental Clearance subject to: -

- a) Standard and Specific Conditions as per **Annexure B** to these Minutes of Meeting.
- b) Submission of compliance to the observations made herein above under deliberations, prior to grant of EC.**
- c) Submission of joint technical report as detailed above, prior to grant of EC**
- d) Submission of NOC from the rightful owners of nurseries as detailed above, prior to grant of EC.**
- e) Compliance to Specific ToR condition relating to photographs of display screen as detailed herein above.
- f) Revision of mining plan as detailed above, prior to grant of EC.
- g) Strict adherence to the terms and conditions of the NOCs of the stakeholder departments which need to be monitored by the enforcement agencies and concerned dept.**
- h) No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.**
- i) Maximum targeted mineral production of 61200 MT.**

- j) Condition the geographical coordinates as per revised area conveyed by G&M Dept. are mentioned in the EC letter by JKEIAA.
- 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: 04

Title of case:	Grant of Environmental Clearance (EC) for “Royal Nest Hill View”, Group Housing Project Plot/Khasra No 411,412,413,414,415, Build-Up Area of 44,152.2 Sq.m at Chowadi Jammu UT Jammu and Kashmir in favour of M/S Omkar Nests Pvt. Ltd. Prop. Shri Vimal Kumar Director Royal Nest Sapphire, Bypass Road, Kunjwani, Jammu. nareshslathia@rediffmail.com
Project type (whether mining lease/STP/ Quarry license/brick earth/ Building and construction Projects)	Building and Construction Project
Category(B1/B2)	B2 (according to 8(a) serial no in the schedule)
Proposal no:	SIA/JK/MIS/245375/2021
File no:	SEAC/JK/20/574
Consultant with validity	OCEAO Enviro Management Solution Pvt Ltd. Valid till: 04/08/2024
Presenter of consultant:	Mr. Himanshu Goel
Project proponent / representative of Project proponent:	M/S Omkar Nests

CASE SUMMARY

Status	Type of Project	Category of the Proposal	Status of Company	Project cost (in crore) including EC fee	Total EMP cost proposed (in lacs)		Total CER budget proposed (in lacs)
					Construction phase	Operational phase	
New Project	Group Housing Project	INFRA-2	Private	254.51	18.44	236.81	509.02

PROJECT DETAILS

Land Owner	Khasra Nos of Plot	Total Plot area (sq.m)	Total Proposed Build up area (sq.m)	Total No of Floors (Including ground floor and basement)			Total No of Towers (AB&C)	Total No. of dwelling units
				Tower A	Tower B	Tower C		
Ab. Hamid Chaudhar	411, 412, 413,	13822	44152.2	14	13	15	3	239

y & Nazir Ahmad	414, 415							
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GREEN AREA / SOLID WASTE MANAGEMENT DETAILS

Proposed Green area (Sq.m)	Solid waste Generation (Kg/day)	Waste water generation (KLD)
2577.8	809.98	185

SEWAGE TREATMENT PLANT (STP) DETAILS

Model STP	Capacity (KLD)	Recyclable / Recoverable Water capacity of STP (KLD)
Membrane Bio-Reactor (MBR)Technology	225	167

POWER/WATER REQUIREMENT DETAILS

Power Requirement (KW)	Supplying Agency	Water Requirement (KLD)	Supplying Agency	No of Diesel Gen sets (No /capacity 2*500 KVA)
1400	J&K SPDC	232	JMC	1000

BUILDING PERMISSION DETAILS

Building Permission	Building Permission order, No	Building Permission date	Building Permission Responsible authority	Building Permission Approved Date	Baseline data Collection by project proponent as the case may be	Case discussed by JKEAC earlier on
Yes	Jmc/Bs/2021-22/558-559	27/08/2021	JMC/BOCA	19/06/2021	May- Oct-2021	No

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 /Form 1A as applicable	Submitted	
2	Pre-feasibility report (PFR)	Not submitted	
3	Conceptual Plan	Submitted	
5	Environmental Management Plan/ Corporate Environmental Responsibility (PFR/EMP/CER)	Formulated but needs revision	Needs revision as per deliberations/ observations /recommendations

NO OBJECTION CERTIFICATES

S. No.	Department	status as per NOC/ Permission
1	Jammu Development Authority	Needs to report conformity of proposal with approved Jammu city Master Plan
2	Fire	Guidelines provided. NOC to be issued after inspection
3	Jammu Municipal cooperation	Permission has been granted
4	PDD	Issued w.r.t absence of HT line passing through the plot. Comfort letter to meet the power demand needs to be obtained
6	Traffic	Issued conditionally
7	Pollution Control Board	Not issued yet
8	Revenue Dept.	PP needs to submit clear cut NOC indicating total area of the plot, geographical coordinates, Khasra Nos and ownership clearly mentioning that the entire land is proprietary land in nature and free from any encumbrances.
10	PHE (Jalshakti) Dept. (if required)	Comfort letter to meet the drinking water demand needs to be obtained
11	Central Ground Water Authority	NOC to allow tapping of ground water to meet the water demand
12	Disaster Management Department	Comfort letter w.r.t disaster resilience of the proposal.

ENVIRONMENTAL MANAGEMENT PLAN FOR CONSTRUCTION PHASE

S. No	Proposed actions	Budget proposed by Proponent (in Lakhs)		Remarks
		Capital	Recurring	
1	Green belt development	0.91	0.24	

2	water sprinkling	1.65	1.65	
3	Pollution Monitoring	0.32	0.32	
6	Occupational Health & Safety of mine workers/ Labour welfare	3.55	0.57	
7	Solid waste Management	0.23	0.15	
	Total	6.66	2.93	

ENVIRONMENTAL MANAGEMENT PLAN FOR OPERATION PHASE

S. No	Proposed actions	Budget proposed by Proponent (in crore/Lakhs)		Remarks
		Capital	Recurring	
1	Green belt development	5.24	5.24	
2	Sewage treatment plant	35.00	10.00	
3	Pollution Monitoring	0.52	0.52	
4	Rain water harvesting Pit 4 numbers	20.00	2.00	
5	Acoustic enclosures	50.00	1.00	
6	DG stack height	10.00	0.50	
6	Occupational Health & Safety of mine workers/ Labour welfare			
7	Solid waste Segregation area	10.00	1.50	
8	Hazardous waste segregation area	3.00	1.00	
9	Solar lightening (20 Nos)	3.00	0.25	
10	Fire frightening Equipment's	5.00	0.50	
11	Rain Basaira/creche	3.00	0.50	
	Total	144.76	23.01	

COORPORATE ENVIRONMENT RESPONSIBILITY

S. No.	Project activity	Activities	Annual Budget proposed	Remarks/

			by Proponent (in crore)	
1	Health	Free Distribution of medicines, health check-up Installation of hand pumps/ Distribution of sanitizer's, gloves & N95 masks to nearby village	0.00	
2	Drinking water facility	Drinking water facility in nearby village/ Installation of hand pumps panchayat/ Installation of hand pumps	0.00	
2	Electrification	Solar Lamp distribution & Solar street light installation	50.90	
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.	50.90	
	Total		101.8	

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

1. The project is a group housing project submitted by the PP under B2 category and falls under 8(a) of the schedule to EIA Notification of 2006.
2. The Committee examined the KML file on the latest available Google Image of July, 2021 and observed that the total area of the polygon represented by the KML file submitted by the consultant comprises of approx. 22 kanals and 7 marlas against the 27 Kanals 7 Marlas depicted on the conceptual Site Plan with area statement.
3. The Committee examined the documents of the plot earmarked for construction under the project comprising of 2 kanals, 1kanal 17 Marlas and 21 Kanals 19 Marlas covered under sale deeds in favour of Sh. Ab. Hamid Chaudhary falling under Khasra Nos. 415 and 1543. Documents pertaining to khasra Nos. 411, 412, 413 and 414 as mentioned in Form 1/Form1A and other documents were not found to be part of the documentation.
4. The consultant was asked to clarify the matter as above and to obtain a certificate from the Tehsildar concerned clearly indicating the title of the land, total area of the plot, geographical coordinates and Khasra Nos, rights to construct upon which vest with the project proponent.
5. The PP will also submit a categorical NOC from the Dy. Commissioner, Jammu to the effect that the land to be constructed upon is not a subject matter of any litigation pending in any competent Court of law including Hon'ble High Court of Jammu, Kashmir and Ladakh. This certificate must not be older than 30 days from the date of fresh application.
6. The Committee asked the consultant as to why the owner Shri Ab Hamid Chaudhary has not personally applied for grant of EC and wanted to know the locus standi of the project proponent viz. M/S Omkar Nests Pvt. Ltd., Jammu. In this connection, the Committee asked for submission of authorization of land owner, Memorandum of Association of the Company, allied documentation and its registration details. Although, the PP presented an agreement during the course of virtual meeting which did not comprehensively establish the locus standi of the proponent viz. M/S Omkar Nests Pvt. Ltd., Jammu to approach JKEIAA for grant of EC. Therefore, the requisite documents shall have to be submitted as and when the case is brought for reconsideration.
7. The Committee desired that the proposed project should be in conformity with the approved master plan of Jammu City and desired specific NOC from the JDA in this regard.
8. The Committee also desired prior submission of comfort letters from PDD, PHE and Disaster Management Dept. etc.
9. The consultant was asked to indicate the percentage of green cover of the project and to submit the landscape plan duly approved by the competent authority.

RECOMMENDATION OF THE COMMITTEE

In view of the above deliberations / observations made by the Committee herein above, the Expert Appraisal Committee rejected the case in the present form for reasons cited above. However, the PP, if he so desires may approach the JKEIAA for reconsideration of the case after ensuring compliance to the observations made herein above under deliberations.

AGENDA ITEM NO: 5

TITLE OF CASE:	Grant of Environmental Clearance for extracting of Nallah Bed Mining Project from mining block No.09 resized Area: - 1.2 Ha at Check Drugmula Bridge to Parepora Upstream Pohru Nallah, Village-Check Drugmula Tehsil & District-Kupwara, U.T.- J & K in favor of Aajaz Ahmad Magray S/o Mohi –ud Din Magray
PROJECT TYPE (WHETHER MINING LEASE/STP/ QUARRY LICENSE/BRICK EARTH)	Mining Lease
CATEGORY(B1/B2)	B2
PROPOSAL NO:	SIA/JK/MIN/235606/2021//SIA/JK/MIN/64540/2021 /SIA/JK/MIN/58384/2020
FILE NO:	SEAC/JK/20/350
CONSULTANT WITH VALIDITY	ABDUL MAJID MIR (RQP) valid till: - 16/05/2027
PRESENTER OF CONSULTANT:	Ab Majid Mir
PROJECT PROPONENT / REPRESENTATIVE OF PROJECT PROPONENT:	Aajaz Ahmad Magray

CASE SUMMARY

Status	Resized Area (Ha)	Bid cost (in lacs)	Project cost (in lacs)	Revised EMP cost proposed (in lacs)		CER budget proposed (lacs/annum)
				Capital	Recurring	
New Project	1.2	125.20	219.02	11.13	10.5	4.45

Mine Closure plan proposed (in lacs)	Revised Mining depth proposed in PFR/EIA (mts.)	Haulage Route (Kms)	Revised Bulk density proposed in PRF/EIA	Cluster situation (Yes/No)
1.5	1.00	1.29	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
29/07/2020	15/04/2021	31/03/2022	17/09/2020	14/08/2021

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	Public Hearing held on	Case discussed by JKEAC earlier on	Area reduced by G&M Dept.
NA	NA	NA	NA	23/06/2021 and 14/08/2021	23/06/2021 and 16/10/2021

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 of NOCs	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)	Issued	
6	Pollution Control Board	-	
7	Revenue Dept.	Issued as state land	
8	PHE Dept.	Issued conditionally	
9	Soil Conservation Dept.	-	

ENVIRONMENTAL MANAGEMENT PLAN

S. No	Proposed actions	Budget proposed by Proponent (in lacs)		Remarks
		Capital	Recurring	
1	Green belt development	6.00	5.5	
2	Haulage route maintenance	2.8	2.00	
3.	Pollution control/ water sprinkling/Dust suppression	0.00	0.60	
4	Pollution monitoring	0.00	1.00	
5	Environmental awareness	1.00	100	
6	Occupational Health & safety of mine workers	1.30	0.40	
	Total	11.13	10.5	

COORPORATE ENVIRONMENT RESPONSIBILITY

S.No.	Project activity	Activities	Budget proposed by Proponent (in lacs/year)
1	Health	Free Distribution of medicines, health check-up	1.5
2	Electrification	Solar Lamp distribution & Solar Street light installation	1.00
3	Sanitation	Construction of ladies' toilets in the primary School nearby village.	0.00
4	Education	Renovation work (floor/ walls/ roofs repairing nearby at Nearby Schools	1.95
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		4.45

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	Not Applicable
1	Proper demarcation of mining block	
2	Prevention of illegal mining	
3	CER/CSR Activities for social upliftment	
4	RBM material to locals on concessional rates	
5	Manual mining & Employment to the local unemployed youth	
6	Display of contact details of concerned authorities for enabling locals to report illegal mining or violation of EC conditions	
7	Pollution, land degradation, loss of water body and rivulets	
8	Loss of land, unemployment and environmental concerns	
9	Impact on social life and horticultural/pasturelands	

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)	Outside mining site boundary (Yes/No)	Upstream from mining block (Mts.)	Downstream From mining block (Mts.)	Remarks
1	Features indicative of any Illegal mining.	Yes	Yes			As per latest Google image July/2014
2	Bridge with midstream piers, if any, located within mining area/ within 500 mts. from the	No	No			

	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/ in close vicinity to mining block or within 500 mts. of the mining block.	Yes	Yes		265	School Building as mentioned by the Tehsildar Drugmula at a distance of about 300ft.
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 on the Google image
8	Active water channels, if any crossing the mining block.	NO	Yes			As per latest Google image

9	National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance thereof from the mining block.	--	-	-	-	
10	Forest land, if any located in close vicinity of the mining block. 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	-	-	-	-	

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

- a) The case had been discussed by the Expert Appraisal Committee earlier during the 23rd Meeting held on 23/06/2021 and 52nd Meeting held on 14/08/2021 during which the expert Appraisal Committee recommended grant of Terms of Reference to the project subject to resizing of the block to maintain safe distance to the bridge besides, excluding the active water channel, revising the mining plan/PFR/mining depth/surface plan etc..
- b) The PP has got the mining block resized to 1.2 Ha from its original area 3.38 Ha by the Geology and Mining department vide letter dated 16/10/2021 to maintain a safe distance of 500mts. from the bridge and by excluding the active water active channel.
- c) Heavy illegal mining activity was observed in and around the mining site as per features on latest Google image of July, 2014 and the Committee desired to know whether such illegal mining has still been continuing for which clarification from the Multi Dept. District level Task Force (MDLTF) Cell needs to be obtained for fixing responsibility in this regard.
- d) The Xen, PHE indicates presence of a dug well in the Nalla without indicating the distance of the said dug well from the mining block. The PP shall obtain fresh NOC from the Xen, PHE certifying that the dug well is located at a location more than 200 m away from the said mining block and that mining operations shall not adversely affect the availability of water in the said dug well.
- e) The conditions of NOC of stakeholder departments need to be adhered to in letter and spirit.
- f) Revision of the mining plan with mine closure plan, revised mining depth, revised surface plan, targeted mineral production and replenishment and its denovo approval by the competent authority.

RECOMMENDATION OF THE COMMITTEE

In view of the above deliberations / observations made by the Committee herein above, the Expert Appraisal Committee rejected the case in the present form.

However, the PP, if he so desires, may again approach the JKEIAA after ensuring compliance to the observations made herein above under deliberations.

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 2.87 Ha., Block-19 at Goigam Bridge to Magam bridge Downstream Ferozpora Nallah Village- Goigam, Tangmarg, 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 (ADS)
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.
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 New/ADS	Revised Area (Ha)	Bid cost (in lacs)	Revised Project cost (in lacs)	EMP cost proposed (in lacs)		CER budget proposed (lacs/annum)
				Capital	Recurring	
ADS Project	2.87	3.50	111.25	5.2	5.4	2.00

Mine Closure plan proposed (in lacs)	Revised Mining depth proposed in PFR (mts.)	Haulage Route (Kms)	Bulk density proposed by proponent in Mining Plan	Cluster situation (Yes/No)
1.50	1.00	0.48	1.55	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	NA

APPRAISAL PROCESS

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 and 13/11/2021	10/03/2021

(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 clearance system under vide letter No: ADCB/Reader/2020-21/116-29 Dated 04/05/2021. The Title verification shows that the mining block is state land and Shamlat. The NOC from irrigation department mentions that Saknari Canal and Panzwal canal are off taking from the branch of Ferozpora Nallah.
2	Flood Control Dept.	Issued conditionally on generalized format	
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.	State land + Shamlat	
8	PHE (Jalshakti) Dept.	Issued conditionally on generalized format	
10	Soil and Water Conservation dept.	---	

ENVIRONMENTAL MANAGEMENT PLAN

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

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.	0.50	
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.	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	1.00	
5	Rain water Harvesting structure	Construction of Rain water harvesting structure in the primary School nearby village.	0.00	
	Total		2.00	

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	
8	Pollution, land degradation, loss of water body and rivulets/ soil erosion	
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	Ban on mining activities at the night	
13	Installation of solar lights	
14	Haulage route maintenance	
15	Proper plantation of the nearby area	
16	Mining should be carried out in scientific Manner	
17	Drinking water and Irrigation canals may be saved	
18	Embankments of the Mining Block should be protected	
19	Title of land from Revenue Department should be demarcated before the auction of Mining Block	
20	People and panchayat members of the concerned area would be consulted before tendering process	
21	Impact on irrigation off take points and loss of productive agricultural	
22	Religious places should be saved from mining activities	
23	Public properties like dug wells, irrigation Canals, water sources etc should be saved from mining activities.	
24	Air and Nositie pollution preventive measures	

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 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/	No	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.	No	Yes	-	-	Features presumably indicative of presence of supply channel of irrigation works in the vicinity
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 with original mining block area of 7.94 Ha and subsequently in 71st Meeting held on 13/11/2021 when the project proponent had applied after resizing the mining block to 2.87 Ha. During the 71st Meeting, the Expert Appraisal Committee did not approve the case and desired prior compliance to the following:-
 - i. To obtain consent from all stakeholders including the rightful owners and the local PRIs through the concerned competent revenue authority as per the title

the land had been found to comprise of proprietary land, Shamlat and Ghascharai.

- ii. To obtain field verification report from the concerned Xen Irrigation Dept. with local PRI on board duly certified preferably on the back side of Colour Google image of the area depicting the resized mining block boundary and Khul off-take points, if any within 200m of the mining block boundary.
 - iii. Title verification from the competent authority.
 - iv. Illegal mining Report from the Multi Dept. District level Task Force (MDLTF) Cell.
 - v. Revision of EMP/CER budget.
 - vi. Revision of Mining Plan
1. Now, the PP has again approached JKEIAA for reconsideration of the case.
 2. Notwithstanding the fact that the project proponent has complied with the observations/conditions stipulated above, the revised NOC issued by the Xen Irrigation Dept. and produced before the Committee **vide letter dated 14/12/2021 indicates that Saknari Canal and Panzwal canal are off taking from the branch of Ferozpora Nallah in this reach.**
 3. **The Committee examined the feedback Google image forwarded by the Xen and identified the location on the live Google Image and noted that the two water courses traverse right through the proposed mining block and any mining activity in close vicinity will adversely affect the capacity of the said water courses to transport water, thus affecting the availability of water for irrigation.**

RECOMMENDATION OF THE COMMITTEE

In view of the above observation at serial No.3 herein above, the Committee did not agree to appraise the case for grant of EC and the case is therefore rejected.

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	M/S OCEAO Enviro Management Solution Pvt Ltd.	M/S P and M Solutions, Noida	Mr. Abdul Majeed Mir RQP
1	Submission of the documents	6	6	6
2	Site Appreciation Note, kml /kmz file, site photo and site videos and PowerPoint presentation	4	5	5
3	Presentation of factual details of case(s)	4	5	6
4	Field knowledge of the case(s)	5	5	5
5	Formulation of PFR, EMP, EIA, CER etc.	5	6	5
	Overall professional conduct during proceedings	4.8	5.4	5.4

Note: The recommendations made herein above are subject to grant of extension to the Letter of Intent 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/22/12593-12605

Dated:12-02-2022

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. IrfanYasin, 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
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	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 to the Regional Office of the MoEF&CC at Chandigarh 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.

