



0191-2474553/0194-2490602

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

## J&K UT LEVEL EXPERT APPRAISAL COMMITTEE (JKEAC)

Department of Ecology, Environment & Remote Sensing

SDA Housing Colony, Bemina, Srinagar, Kashmir

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



### MINUTES OF MEETING

#### MINUTES OF 91<sup>ST</sup> MEETING OF THE JK EXPERT APPRAISAL COMMITTEE HELD ON 28<sup>TH</sup> OF MARCH, 2022 VIA VIDEO CONFERENCING

In pursuance to Meeting Notice issued vide No: EAC/JK/22/13108-13130 dated: 22/03/2022, the 91<sup>st</sup> Meeting of JK Level Expert Appraisal Committee (JKEAC) was held on 28<sup>th</sup> of March, 2022 at 10:30 P.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	Engineer B.B. Sharma	Member
4	Prof. Anil Kr. Raina	Member
5	Mr. A.R Makroo	Member
6	Mr.Humayun Rashid	Secretary

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

The meeting proceeded as per following sequence: -

#### AGENDA ITEM NO: 01

Title of case:	Grant of Environmental Clearance (EC) for RBM (River Bed Mineral) Minor Mineral Block Mining Project, Area of 9.14 ha., Block-06 at F, Nehama Bridge Downstream Nallah Vishu, Kulgam U.T: Jammu & Kashmir favoring M/S Dawwer Ashraf Khanday S/o Sh. Mohammad Ashraf Khanday District – Kulgam (UT).kulgam06block@gmail.com
Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category (B1/B2)	B1
Proposal no:	SIA/JK/MIN/57376/2020
File no:	SEAC/JK/20/347

Consultant with validity	Globus Environment Engineering Services, Lucknow valid till (16/03/2022)
Presenter of consultant:	Mr. Akhilesh Gupta
Project proponent / representative of Project proponent:	M/S Dawwer Ashraf Khanday

### CASE SUMMARY

Status	Area (Ha)	Bid cost (in lacs)	Project cost (in lacs)	EMP cost proposed (in lacs)		CER budget proposed (lacs/annum)
				Capital	Recurring	
New Project	9.14	15.90	141.98	6.63	6.71	<b>2.64</b>

Mine Closure plan proposed (in lacs)	Revised Mining depth proposed by PP in PRF/EIA (mts.)	Haulage Route (Kms)	Revised Bulk density proposed by proponent in PFR/EIA (mts.)	Cluster situation (Yes/No)
1.50	1.00	1.05	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
16/07/2020	28/12/2021	31/03/2022	31/08/2020	09/01/2021

G.O 76JK-FST of 2020 dated 29/07/2021 implemented by	Previous Project proponent	Baseline data Collection by (previous) project	Public Hearing held on	Case Discussed by JKEAC earlier on	Area reduced by G&M Dept.
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JKEIAA for the project on		proponent as the case may be			
NA	NA	Oct-Dec-2020	16/11/2021	09/01/2021	-

### **APPRAISAL PROCESS**

(To be filled by JKEAC during online appraisal)

#### **STATUS OF DOCUMENTATION**

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

#### **NO OBJECTION CERTIFICATES**

S. No.	Department	status as per NOC	Remarks/ Reference
1	Irrigation Dept.	Issued conditionally	Ref NOC issued by Dy. Commissioner Kulgam concerned under single window clearance system under vide letter No: DCK/Estt/2021-22/321 Dated 07/06/2021.
2	Flood Control Dept.	Issued conditionally	
3	Fisheries Dept.	Issued Conditionally	
4	Forest Dept.	Issued as non-forest land	
5	Wildlife Protection Dept	Issued conditionally	
6	Pollution Control Board	Issued conditionally	

7	Revenue Dept.	State Land	NOC has been denied to the project by Xen PHE due to impact on pipelines
8	PHE (Jalshakti) Dept.	NOC denied	
10	Soil and Water Conservation dept.	---	

### ENVIRONMENTAL MANAGEMENT PLAN

S. No	Proposed actions	Budget proposed by Proponent (in lacs)		Remarks/
		Capital	Recurring	
1	Green belt development	2.00	1.00	
2	Haulage route maintenance	3.00	2.00	
3.	Env. Awareness programme	0.00	1.00	
4	Pollution Monitoring	0.00	1.00	
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	1.63	1.71	
9	Lying of Hume Pipes	0.00	0.00	
	<b>Total</b>	<b>6.63</b>	<b>6.71</b>	

### COORPORATE ENVIRONMENT RESPONSIBILITY

S. No.	Project activity	Activities	Annual Budget proposed by Proponent (in lacs)	Remarks

1	Health/ Drinking water facility	Free Distribution of medicines, health check-up, Distribution of Sanitizer, gloves and Mask to the nearby village and panchayat/ installation of hand pumps	0.88	
2	Electrification	Solar Lamp distribution & Solar street light installation in the village.	0.88	
3	Sanitation	Construction of ladies' toilets in the village.	0.00	
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	0.88	
5	Rain water Harvesting structure	Construction of Rain water harvesting structure in the primary School nearby village.	0.00	
	Total		<b>2.64</b>	

### BUDGET FOR SURVILIENCE

S. No.	Particulars	Budget proposed by Proponent (in lacs)		Remarks
		Capital	Recurring (in lacs)	
1	Transport Permit	3.00	0.00	
2	CCTV Camera	2.00	0.10	
3	Weight Bridge	7.00	1.5	
4	Personal Computer with power backup	0.50	0.06	
5	Mobile Application Barcode scanner	0.50	0.06	
6	Radio Frequency Identification Tag (RFID) and GPS	2.00	0.20	

7	Annual Audit of lease	0.00	1.00	
8	Security Guard	0.00	1.00	
	<b>Total</b>	<b>15.00</b>	<b>3.82</b>	

### GENERAL PUBLIC HEARING CONCERNS AND COMMITMENTS

S. No.	Usual concerns expressed by public during proceedings	Yes/No
1	Legalisation of Mining block and No damage shall occur to nearby land, irrigation and the environment and illegal mining can be stopped	Yes
2	Channelling and Demarcation should be done at nearby bridges	Yes
3	Mining should be done scientifically	Yes
4	Channelling and Proper demarcation of mining block/mining depth to be maintained	Yes
5	Employment to the local unemployed youth	Yes
6	Prevention of illegal mining	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	-	-	As per latest available google image of 2018.
2	Bridge with midstream piers, if any, located within mining	No	No	-	-	

	area/ within 500 mts. from the ends of mining block.					
3	Bridge with only abutments, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
4	Foot bridge with only abutments on two banks, if any located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
5	Green patch (Cropland / trees /orchard etc. if any located within mining block/adjacent to mining block or within 500 mts. from the mining block.	No	No	-	-	
6	Structures of any kind (buildings /Flood control/ protection works/ electric installations, if any located within/adjacent/ in close vicinity to mining block	Not identifiable	Yes	-	-	<b>Features indicative of a water supply scheme in the vicinity.</b> <b>NOC denied by Xen PHE</b>

	or within 500 mts. of the mining block.					
<b>7</b>	Irrigation canal headworks/ khul inlets, if any located within mining block or within 500 mts. of the mining block.	Not identifiable	Yes	-	-	Sonam canal in close vicinity of the block
<b>8</b>	Active water channels, if any crossing the mining block.	Yes	Yes	-	-	Active water channel needs to be excluded
<b>9</b>	National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance thereof from the mining block.	No	No	-	-	
<b>10</b>	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	-	-	
<b>12</b>	Any other relevant feature of interest or condition which is critical to grant of ToRs/EC to the proposed project	No	No	-	-	



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

- a) The case had been discussed by the Expert Appraisal Committee earlier in the 23<sup>rd</sup> Meeting held on 09/01/2021 for grant of ToR during which the Committee recommended Terms of Reference for the project.
- b) The PP has now applied for grant of EC and has submitted the Final EIA and Public hearing report.
- c) **NOC from Executive Engineer PHE Division Kulgam Vide letter dated 02/04/2021 mentions that NOC can't be issued to the mining block as the extraction of minerals will affect the head works /Pipeline of WSS Kulgam Town and WSS Bachipora.**
- d) NOC issued by the Executive Engineer Irrigation Division Kulgam vide letter no 1028-30 dated 04/06/2021 is in a generalized format and mentions that mining activity should be allowed 750m from the offtake points. However, the Committee observed features indicative of an offtake point at a distance of **96m** from the mining block.
- e) Illegal mining activity was observed in and around the mining block as per features on latest available Google image of 2018. The Committee desired to know whether such illegal mining activity has continued in the block and if so, appropriate action needs to be taken by the competent authority.
- f) The ToR condition relating to submission of photographs of display screen of the air quality monitoring station showing data with dates of collection of the baseline data has not been submitted in the EIA report.
- a) Mining depth of **2.5m** and bulk density 2.3 adopted in the instant mining plan were not agreed by the committee.

**RECOMMENDATION OF THE COMMITTEE**

In view of the above deliberations / observations made by the Committee herein above, the Expert Appraisal Committee did not agree to recommend the case for grant of EC.

**AGENDA ITEM NO:02**

<b>TITLE OF CASE:</b>	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 block9kupwara@gmail.com (ADS)
<b>PROJECT TYPE (WHETHER MINING LEASE/STP/ QUARRY LICENSE/BRICK EARTH)</b>	Mining Lease
<b>CATEGORY(B1/B2)</b>	<b>B2</b>
<b>PROPOSAL NO:</b>	SIA/JK/MIN/235606/2021//SIA/JK/MIN/64540/2021 /SIA/JK/MIN/58384/2020
<b>FILE NO:</b>	SEAC/JK/20/350
<b>CONSULTANT WITH VALIDITY</b>	ABDUL MAJID MIR (RQP) <b>valid till: - 16/05/2027</b>
<b>PRESENTER OF CONSULTANT:</b>	Ab Majid Mir
<b>PROJECT PROPONENT REPRESENTATIVE OF PROJECT PROPONENT:</b>	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	
<b>ADS</b>	1.2	125.20	222.6	11.13	10.5	4.45

Mine Closure plan proposed (in lacs)	Revised Mining depth proposed by PP in PFR/EIA	Haulage Route (Kms)	Revised Bulk density proposed by PP in PRF/EIA	Cluster situation (Yes/No)
1.5	1.00	1.29	2.00	<b>No</b>

### 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, 14/08/2021 and 01/02/2022	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	<b>Irrigation Dept.</b>	Issued conditionally	a) NOC from Ex. Engineer Jal shakti PHE division Kupwara mentions that after spot inspection by Asst. Ex. Engineer PHE sub division Kupwara that the Dug well is not located in the said block i.e. between Drugmula bridge and Parepora and this office has no objection if the applicant is allowed to proceed ahead as per the norms in vogue at your end.
2	<b>Flood Control Dept.</b>	Issued conditionally	
3	<b>Fisheries Dept.</b>	Issued conditionally	
4	<b>Forest Dept. (if required)</b>	Issued as non-forest	
5	<b>Wildlife Protection Dept (If required)</b>	Issued	
6	<b>Pollution Control Board</b>	-	
7	<b>Revenue Dept.</b>	Issued as <b>state land</b>	
8	<b>PHE Dept.</b>	Issued conditionally	
9	<b>Soil Conservation Dept.</b>	-	

### 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	
	<b>Total</b>	<b>11.1</b>	<b>10.5</b>	

### 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
<b>Total</b>			<b>4.45</b>

### 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	
<b>Total</b>		<b>15.00</b>	<b>2.80</b>	

### GENERAL PUBLIC HEARING CONCERNS

S. No.	Usual concerns expressed by public during proceedings	
1	Proper demarcation of mining block	<b>Not Applicable</b>
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	<b>Impact on social life and horticultural/pasturelands</b>	

### 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 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	No	No			

	area/ within 500 mts. from the ends of mining block.					
<b>5</b>	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			
<b>6</b>	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	Yes		417m	School Building as mentioned by the Tehsildar Drugmula at a distance of about 300ft.
<b>7</b>	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
<b>8</b>	Active water channels, if any crossing the mining block.	No	Yes			As per latest Google image
<b>9</b>	National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance	--	-	-	-	

	thereof from the mining block.					
<b>10</b>	Forest land, if any located in close vicinity of the mining block. If yes, the distance thereof from the ends of mining block.	-	-	-	-	
<b>12</b>	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 in the **23<sup>rd</sup>** Meeting held on 23/06/2021 for ToR for original block **9.40 Ha** during which the committee recommended rejection of ToRs to the project and had desired that the PP should get the boundaries of the mining block refined/redrawn so as to exclude the green patches comprising of tree groves and the L shaped building structure.
- b) The case had again been presented in **52<sup>nd</sup>** Meeting held on 14/08/2021 after resizing the block to **3.38 Ha** during which the expert Appraisal Committee had recommended grant of Terms of Reference to the project subject to further 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.
- c) The PP has got the mining block resized to **1.2 Ha** from its earlier area of 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.
- d) Subsequently, the case again came to be discussed during the **84<sup>th</sup>** JKEAC meeting held on 01/02/2022 during which the Expert Appraisal Committee again rejected the case for grant of EC and desired the PP to submit compliance to following:-
  - i. 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.
  - ii. Non-involvement in illegal mining report.
  - iii. Revision of mining plan
- e) Now the PP has again approached to the JKEIAA for grant of EC after submission of following compliances:-
  - i. In compliance to point no i, the PP has submitted fresh NOC from the Ex. Engineer Jal shakti PHE Division Kupwara vide letter No 4058-59 dated 03/03/2022 which mentions that the Dug well is not located in the said block i.e. between Drugmula bridge and Parepora and this office

has no objection if the applicant is allowed to proceed ahead as per the norms in vogue at your end.

- ii. In compliance to point no ii. the PP has submitted a report on illegal mining from MDDLTF cell vide letter dated 11/03/2022 which mentions that illegal mining has not occurred in the mining block after e-auction and the PP is not involved in any illegal mining in the said mining block No (09).
- iii. W.r.t point No.iii viz. revised mining plan, the Compliance is yet to be submitted.

### RECOMMENDATION OF THE COMMITTEE

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

- a) Standard and Specific Conditions as per **Annexure B** to these Minutes of Meeting.
- b) Revision of EMP as suggested by the Committee in the remarks column, **prior to grant of EC.**
- c) Maximum targeted mineral production of **14400 MT.**
- d) Condition the revised geographical coordinates of resized area to be conveyed by G&M Dept. are mentioned in the EC letter by JKEIAA
- e) **Strict adherence to the terms and conditions of the NOCs of the stockholder departments which needs to be monitored by the enforcement agencies and concerned department.**
- f) **No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.**
- g) **Submission of compliance to the observations made herein above under deliberations, prior to grant of EC.**
- h) Validity of only three years from the date of commencement of the mining operations duly certified by the District Mineral Officer concerned with intimation to the JKEIAA and JKPCB in view of non-availability of replenishment data

### AGENDA ITEM NO: 03

Title of case:	Grant of Environmental Clearance (EC) for river bed mining project, revised Area 1.62 Ha, located at Minor Mineral Block No. 25, Sheikhpura Trenz Bridge, Downstream Nallah Rambiar, Village- Sheikhpura, Tehsil- Chitragam & Dist.- Shopian, UT- J&K in favour of Shri Bashir Ahmad Wani S/O Jalal U Din Wani.
Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category(B1/B2)	B2
Proposal no:	SIA/JK/MIN/253697/2022 // SIA/JK/MIN/55339/2020



File no:	SEAC/JK/20/233
Consultant with validity	M/S Abdul Majid Mir, Valid till: 16/05/2027
Presenter of consultant:	MR. Abdul Majid Mir
Project proponent representative of Project proponent:	Shri Bashir Ahmad Wani

### CASE SUMMARY

Status	Revised Area (Ha)	Bid cost (in lacs)	Project cost (in lacs)	EMP cost proposed (in lacs)		CER budget proposed (lacs/annum)
				Capital	Recurring	
New Project	1.62	25.70	140.22	6.55	10.00	2.62

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	1.00	0.64	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
01/04/2020	29/12/2021	31/03/2022	09/06/2020	Not Provided

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	16/09/2020	15/01/2022
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**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 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 (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/
		Capital	Recurring	
1	Green belt development	3.00	5.00	
2	Haulage route maintenance	2.00	2.00	
3	Env. Awareness programme	1.00	1.00	
4	Pollution monitoring	0.55	1.00	
5	Dust suppression	0.00	0.60	
6	Occupational Health & Safety of mine workers	0.00	0.40	
7	Laying of Hume pipes	0.00	0.00	
	<b>Total</b>	<b>6.55</b>	<b>10.00</b>	

### 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 in the nearby village	1.00	
2	Electrification	Distribution of solar panels & installation of solar lights in the nearby village	1.40	
3	Education	Distribution of school bags & books in nearby Primary	0.22	
	<b>Total</b>		<b>2.62</b>	

**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	
	<b>Total</b>	<b>15.00</b>	<b>2.80</b>	

**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 heavy illegal mining on Google Image of Dec/2021
2	Bridge with midstream piers, if any, located	No	No	-	-	

	within mining area/ within 500 mts. from the ends of mining block.					
<b>3</b>	Bridge with only abutments, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
<b>4</b>	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	-	-	
<b>5</b>	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	-	-	
<b>6</b>	Structures of any kind (buildings /Flood control/ protection works/ electric installations, if any located within/adjacent/ in close vicinity	No	No	-	-	

	to mining block or within 500 mts. of the mining block.					
<b>7</b>	Irrigation canal headworks/ khul inlets, if any located within mining block or within 500 mts. of the mining block.	<b>Not Identifiable</b>	<b>Not Identifiable</b>	-	-	Not Identifiable on Google Image of Dec/2021
<b>8</b>	Active water channels, if any crossing the mining block.	Yes	Yes	-	-	Need to be excluded from mining activity
<b>9</b>	National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance thereof from the mining block.	No	No	-	-	
<b>10</b>	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	-	-	
<b>12</b>	Any other relevant feature of interest or condition which is critical to grant of ToRs/EC to the proposed project	<b>No</b>	<b>No</b>	-	-	

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

- a) The case had earlier been discussed by JKEAC during 14<sup>th</sup> meeting held on 16.09.2020 during which the committee recommended the case for grant of Terms of Reference subject to condition that the G&M Dept. relocates /resizes the mining block by maintaining a distance of 500 m downstream from the Rambiarra bridge.
- b) The PP has now got the mining block resized from original area of 9.12 Ha to 1.62 Ha while maintaining a safe distance of 500 m to the civil structures & excluding the major portion of the active water channel from the mining block. **Although, the mining block 25 forms a cluster with mining block 26 and 27, the PP has submitted the case for grant of EC under B2 category, while not taking into account the proximity of the existing cluster of mining blocks to mining block No.27. Therefore, the Committee desired that the PP must apply under B1 category before proceeding further with the appraisal process.**
- c) Heavy illegal mining activity detected in & around the mining block as per features on Google image of Dec, 2021 which needs clarification from the Multi Dept. District level Task Force (MDLTF) Cell, stating whether the PP is involved or not in illegal mining activity.
- d) **The NOC issued by the Irrigation Dept. is in a generalized format but indicates that the Saller Kuhl main water conductor falls in the vicinity of the mining block. Therefore, the PP must obtain explicit clarification from the Xen, Irrigation indicating that the main water conductor of Salar Kuhl falls at a distance of more than 200m from the resized mining block.**
- e) The Committee stipulates that in view of poor prospects of availability of the material due to heavy illegal mining in the area, the PP shall obtain '*fit for mining certificate*' from G&M Dept. also stating therein that adequate replenishment has taken place and there is enough material available in the proposed mining block that can be excavated without endangering ecological and hydrological regime of the area.
- f) Revision of the mining plan with mine closure plan, revised mining depth, surface plan, revised area, revised targeted mineral production and replenishment and its *denovo* approval by the competent authority.
- g) Mining depth of 2 m & bulk density of 2.3 mentioned in mining plan not agreed by the Committee.

**RECOMMENDATION OF THE COMMITTEE:**

In view of the above deliberations and insight gained during the above cited appraisal process, the Committee did not consider the case for appraisal under B2 category due to cluster situation.

However, the PP if he so desires, may again approach JKEIAA for consideration of the case subject to condition that the PP **applies under B1 category and also complies with all the observations recorded herein above.**

**AGENDA ITEM NO: 04**

Title of case:	Grant of Environmental Clearance (EC) for River Bed Mining Project - Block 26, revised area 2.60 Ha, located at Sheikhpura Downstream Nallah Rambiarra Village, Sheikhpura, Tehsil-Chitragam & Dist.- Shopian U.T of J&K in favour of Shri Bashir Ahmad Wani S/O Jalal U Din Wani.
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Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category(B1/B2)	B1
Proposal no:	SIA/JK/MIN/253617/2022 // SIA/JK/MIN/226458/2021 & SIA/JK/MIN/55378/2020
File no:	SEAC/JK/20/265
Consultant with validity	M/S Globus Env. Engineering Services, Lucknow, Valid till: 26/03/2022
Presenter of consultant:	Mr. Akhelish Gupta
Project proponent / representative of Project proponent:	Shri Bashir Ahmad Wani

#### 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	2.60	20.70	139.78	6.53	10.00	2.61

Mine Closure plan proposed (in lacs)	Revised Mining depth proposed (mts.)	Haulage Route (Kms)	Bulk density proposed by proponent	Cluster situation (Yes/No)
0.15	1.00	0.77	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
02/04/2020	29/12/2021	31/03/2022	09/06/2020	05/11/2020

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	05/05/2021	03/10/2020	15/01/2022

### **APPRAISAL PROCESS**

(To be filled by JKEAC during online appraisal)

#### **STATUS OF DOCUMENTATION**

S. No.	Document	Status	Remarks of the Committee
1	Form 1/Form 2 /Form 1-M as applicable	Submitted	Form -2 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
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### 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	
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
		Capital	Recurring	
1	Green belt development	3.00	5.00	
2	Haulage route maintenance	2.45	2.00	
3	Env. Awareness programme	0.53	1.00	
4	Pollution monitoring	0.55	1.00	
5	Dust suppression	0.00	0.60	

6	Occupational Health & Safety of mine workers	0.00	0.40	
7	Installation of Hume pipes	0.00	0.00	
	Total	<b>6.53</b>	<b>10.00</b>	

### 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	1.00	
2	Education	Distribution of school bags & books in nearby primary school education grants to girl child to check drop outs in schools.	0.41	
3	Electrification	Installation of solar light & distribution of solar lamps in the nearby village	1.20	
	Total		<b>2.61</b>	

### 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	
	<b>Total</b>	<b>15.00</b>	<b>2.80</b>	

### 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	---
3	EMP cost to be implemented practically	---
4	CER/CSR Activities for social upliftment	---
5	Irrigation channels & orchids/agriculture land have been badly affected	Yes
6	Establishment of Dispensary, PHC & playground in the nearby village	Yes
7	Opposed the proposed activity and demanded not to issue NOC to any of the project proponent.	Yes
8	Land earmarked for mining activity within Balpura area actually belongs to Panchayat as per revenue records.	Yes
9	1100 kanals of land eroded due to flood has been given on lease which is injustice with the people of said area & demanded that land shall be given back.	Yes
10	Area is flood prone & such activity will have adverse effects.	Yes

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

S.no.	Features observed	Within Mining site boundary	Outside mining site boundary (Yes/No/Not identifiable)	Upstream from mining block (Mts.)	Downstream From mining block	Remarks

		(Yes/No/Not identifiable)			(Mts.)	
1	Features indicative of any Illegal mining.	Yes	Yes	-	-	Features indicative of heavy illegal mining activity on Google Image of 12/2021
2	Bridge with midstream piers, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
3	Bridge with only abutments, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
4	Foot bridge with only abutments on two banks, if any located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
5	Green patch (Cropland / trees /orchard etc. if any located within mining block/adjacent to	No	No	-	-	

	mining block or within 500 mts. from the mining block.					
<b>6</b>	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	-	-	
<b>7</b>	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 Google image of 12/2021
<b>8</b>	Active water channels, if any crossing the mining block.	No	Yes	-	-	Active water channel detected outside the mining block
<b>9</b>	National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance thereof from the mining block.	No	No	-	-	
<b>10</b>	Forest land, if any located in close vicinity of	No	No	-	-	

	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	No	No	-	-	

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

- a) The case had earlier been discussed by JKEAC in the 16<sup>th</sup> meeting held on 03.10.2020 during which the committee recommended the case for grant of Terms of Reference.
- b) The PP has now got the mining block resized from original area of 9.50 Ha to 2.60 Ha without mentioning the reasons.
- c) The PP has changed the consultant from M/S OCEAO Enviro Management Solutions India to M/S Globus Env. Engineering Services, Lucknow.
- d) **Taking cognizance of the strong opposition against mining activity in the block as expressed in the public hearing, the Committee is of the opinion that the Dy. Commissioner concerned should constitute a committee of stakeholder departments to assess the grievances of the locals and propose mitigation measures to set at rest the apprehensions as regards the adverse impact of mining on the means of their livelihood. The same committee may also examine and certify that sufficient replenishment has taken place in the block and there is adequate material available to be extracted without any adverse impact on the hydrological regime of the nalla.**
- e) **The NOC issued by the Irrigation Dept. is in a generalized format but indicates that the Saller Kuhl main water conductor falls in the vicinity of the mining block. Therefore, the PP must obtain explicit clarification from the Xen, Irrigation Dept. indicating that the main water conductor of Salar Kuhl falls at a distance of more than 200m from the resized mining block.**
- f) Heavy illegal mining activity detected in & around the mining block as per features on Google image of Dec, 2021 which needs clarification from the Multi Dept. District level Task Force (MDLTF) Cell, stating whether the PP is involved or not in illegal mining activity.
- g) Compliance to specific ToR condition relating to photographs of display screen of Air Quality Monitoring Station displaying the dates of collection of baseline data has not been submitted.
- h) Mining depth of 2 m & bulk density of 2.3 mentioned in mining plan not agreed by the Committee.

**RECOMMENDATION OF THE COMMITTEE:**

- a) In view of the above deliberations and insight gained during the above cited appraisal process, the Committee did not agree to recommend the case for grant of EC in the present form.
- b) However, the PP, if he so desires, may approach the JKEIAA again after complying with the requirements/observations made herein above under deliberations.

**AGENDA ITEM NO: 05**

Title of case:	Grant of Environmental Clearance (EC) for River Bed Mining Project - Block 15, revised area 3.57 Ha located at Minor Mineral, Army Camp Balapur D/Stream Nallah Rambaira, and District-Shopian & U.T.: Jammu & Kashmir in favour of Shri Danish Yousuf S/O Shri Mohammad Yousuf Mir.
Project type (whether mining lease/STP/ Quarry license/brick earth)	Mining Lease
Category(B1/B2)	B1
Proposal no:	SIA/JK/MIN/227099/2021 // SIA /JK/MIN/56959/2020
File no:	SEAC/JK/20/308
Consultant with validity	M/S Globus Env. Engineering Services, Lucknow, Valid till: 26/03/2022
Presenter of consultant:	Akhilesh Gupta
Project proponent representative of  Project proponent:	Danish Yousuf

**CASE SUMMARY**

Status	Revised Area (Ha)	Bid cost (in lacs)	Project cost (in lacs)	EMP cost proposed (in lacs)		CER budget proposed (lacs/annum)
				Capital	Recurring	
New Project	3.57	15.20	134.33	6.71	6.71	2.67



Mine Closure plan proposed (in lacs)	Revised Mining depth proposed (mts.)	Haulage Route (Kms)	Bulk density proposed by proponent	Cluster situation (Yes/No)
0.70	1	0.16	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
02/05/2020	29/12/2021	31/03/2022	09/06/2020	21/11/2020

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	05/05/2021	04/11/2020 & 13/11/2021	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	Form -2 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	Title of the mining block issued as state land by Dy. Commissioner, Shopian with total area of (419 Kanals & 08 Marlas).
2	Flood Control Dept.	Issued conditionally	
3	Fisheries Dept.	Issued conditionally	
4	Forest Dept. (if required)	Issued as non-forest	
5	Wildlife Protection Dept (If required)	Issued	
6	Pollution Control Board	Issued	
7	Revenue Dept.	Issued as state land	
8	PHE (Jalshakti) Dept.	Issued conditionally	
10	Soil and Water Conservation dept.	---	

#### ENVIRONMENTAL MANAGEMENT PLAN

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

1	Green belt development	2.00	1.00	3.00	2.00
2	Haulage route maintenance	3.00	2.00	3.00	2.00
3	Env. Awareness programme	0.00	1.00	0.00	1.00
4	Pollution monitoring	0.00	1.00	2.00	2.00
5	Dust suppression	0.00	0.00	3.00	2.00
6	Occupational Health & Safety of mine workers	1.71	1.71	1.71	1.71
7	Installation of Hume pipes	0.00	0.00	6.00	5.00
	<b>Total</b>	<b>6.71</b>	<b>6.71</b>	<b>18.71</b>	<b>15.71</b>

### 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	0.89	
2	Drinking water	Providing drinking water facility in the nearby village	0.00	
3	Sanitation	Construction of toilet (Ladies & Gents) in the nearby 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.	0.89	
5	Electrification	Installation of solar light & distribution of solar lamps in the nearby village	0.89	
	<b>Total</b>		<b>2.67</b>	

### BUDGET FOR SURVILIENCE

S.	Particulars	Budget proposed by Proponent	Remarks

No.		(in lacs)	
		Capital	Recurring (in lacs)
1	Transport Permit	3.00	0.00
2	CCTV Camera	2.00	0.00
3	Weight Bridge	7.00	1.50
4	Personal Computer with power backup	0.50	0.06
5	Mobile Application Barcode scanner	0.50	0.06
6	Radio Frequency Identification Tag (RFID) and GPS	2.00	0.20
7	Annual Audit of lease	0.00	1.00
8	Security Guard	0.00	1.00
	<b>Total</b>	<b>15.00</b>	<b>3.82</b>

#### 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	---
3	EMP cost to be implemented practically	---
4	CER/CSR Activities for social upliftment	---
5	Irrigation channels should not be destroyed	Yes
6	Establishment of Dispensary, PHC & playground in the nearby village	Yes
7	Land earmarked for mining actually belongs to Panchayat	Yes
8	1100 kanals of land eroded due to flood has been given on lease which is injustice with the people of said area & demanded that land shall be given back.	Yes
9	Area is flood prone & such activity will badly affect the area.	Yes

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

<b>S.no.</b>	<b>Features observed</b>	<b>Within Mining site boundary (Yes/No/Not identifiable)</b>	<b>Outside mining site boundary (Yes/No/Not identifiable)</b>	<b>Upstream from mining block (Mts.)</b>	<b>Downstream From mining block (Mts.)</b>	<b>Remarks</b>
<b>1</b>	Features indicative of any Illegal mining.	Yes	Yes	-	-	Features indicative of illegal mining activity on Google Image of 09/2018
<b>2</b>	Bridge with midstream piers, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
<b>3</b>	Bridge with only abutments, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
<b>4</b>	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	-	-	

<b>5</b>	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	-	-	
<b>6</b>	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	Yes	-	-	Two electric transmission towers outside of the mining block.
<b>7</b>	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 06/2017
<b>8</b>	Active water channels, if any crossing the mining block.	Yes	Yes	-	-	Need to be excluded from mining activity
<b>9</b>	National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of the mining block and distance	No	No	-	-	

	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 by JKEAC during 18<sup>th</sup> meeting held on 04.11.2020 during which the committee recommended the case for grant of Terms of Reference.
- b) The case was again discussed by JKEAC in the 71<sup>st</sup> meeting held on 13/11/2021 during which the committee had not agreed to recommend the case for grant of EC and had asked the PP to submit compliance to the following observations:
  - i. The Committee observed that the local people of Balpora village strongly opposed the mining activity stating that the land under the block belongs to the village panchayat for which they had revenue papers on record. Therefore, the Committee had desired that the Dy. Commissioner Concerned should issue a categorical title verification of the land with geo-coordinates of the mining block. In case the land under the block pertains to category other than state land, the PP should obtain consent of the land owners and the local PRIs through the Tehsildar concerned before considering the case for deliberations.
  - ii. The Committee had also observed that during the public hearing the locals have raised the concern regarding impact of mining activity on the irrigation network and agricultural activity. This also needs to be got clarified from the concerned Irrigation Dept.
  - iii. The Committee had also observed that the Fisheries Dept. while issuing the NOC had laid down a condition that the mining activity shall have to be 100feet away from the edge of the active water channel.
  - iv. In view of two electric transmission towers lying outside the mining block at an approx. distance of 20mts-22 mts, the PP shall obtain NOC from the concerned stakeholder dept./Electric Transmission Division

and ensure minimum safe buffer of 50m to the block boundary for which the block be even considered for resizing.

- v. Exclusion of active water channel while calculating the targeted mineral production.
  - vi. Illegal mining activity detected in the mining block and in its close vicinity as per features on Google image of 09, 2018 and it needs to be verified whether it is still continuing. Therefore, clarification from the Multi Dept. District level Task Force (MDLTF) Cell needs to be obtained stating whether the PP is involved in any kind of illegal mining activity.
  - vii. Submission of Compliance to specific ToR condition relating to photographs of display screen of Air Quality Monitoring Station displaying the dates of collection of baseline data.
  - viii. Submission of revised mining plan.
  - ix. Mining depth of 3 m & bulk density of 2.3 adopted in the instant mining plan were not agreed by the Committee. Mining depth be restricted to max. 1m in aggregate and bulk density of 2.0 only be adopted for calculating the production targets in absence of actual field measurements.
- c) During deliberations in the instant meeting, the Committee observed as: -
- i. The PP has changed the Consultant from M/S Atmos Sustainable Solutions Pvt. Ltd. to M/S Globus Environmental Engineering Services, Lucknow.
  - ii. With respect to item i, the PP has submitted the title verification of the mining block issued by Adl.Dy. Commissioner, Shopian Vide letter No. DCS/ADC-PS/21/8010-12 dated 24/11/2021 which states that as per report of the Tehsildar, Shopian the area under the mining block is state land with total area of (419 Kanals & 08 Marlas). However, the geo-coordinates have not been provided.
  - iii. The PP has also submitted NOC from the residents of the Balpora village duly signed by the Sarpanch concerned in favour of the minor mineral block No. 15. As per NOC, the residents of the Balpora area have no objection if the scientific & systematic mining is encouraged & the condition put by Dept. especially Irrigation & Flood control are followed in letter & spirit.
  - iv. With respect to item ii, the PP has submitted the NOC issued by the Executive Engineer, Jal Shakti Dept. (Irrigation Division, Shopian) Vide letter No. 4088-89 dated 17/11/2021 stating that under serial No.15, ***“that the proposed mining activity in the mining block No.15, 28 and 30 will not affect the existing irrigation facilities and hydraulic structures in the vicinity of the mining blocks.”***
  - v. The PP has also submitted the NOC from Agriculture Dept. issued by Chief Agriculture Officer Vide letter No. CAO/SPN/DEV/2021/3032 dated 22/11/2021 stating that ***“this Dept. has no objection in execution of mining leases to the minor mineral block No. 15 in accordance with the set parameters by the Dept.”***
  - vi. With respect to item iii, the PP has submitted an undertaking/Affidavit stating that the mining activity shall be 100 feet away from the edge of the active water channel.



- vii. With respect to item iv, the PP has submitted the resizing letter issued by JD (G&M Dept.) Vide letter No. MSK/DGM/Sgr/F-13/B-15/Shopian/6270-73 dated 30/11/2021 stating that the mining block has been resized from 4.63 Ha to 3.57 Ha. Accordingly, the PP has obtained NOC from JKPTCL, Bemina issued by Executive Engineer, TLMD-7 Sgr Vide letter No. TLMD-7/TS/2061-65 dated 08/02/2022 stating that the identified spot (block No. 15) was got inspected & it has been found that the spot is about 50 m horizontally away from the existing 132 KV D/C Lassipora, Shopian power transmission line.
  - viii. With respect to item v, the PP is required to exclude the entire active water channel portion from the mining block, **prior to grant of EC.**
  - ix. With respect to item vi, the PP has submitted the report from Multi Dept. District level Task Force (MDLTF) cell, which states that the PP is not involved in any kind of illegal mining activity in and around the mining block.
  - x. With respect to item vii, the Compliance to specific ToR condition relating to photographs of display screen displaying the dates of collection of baseline data has not been submitted and compliance needs to be made **prior to grant of EC.**
  - xi. With respect to item viii, the revision of the mining plan is awaited and same needs to be submitted **prior to grant of EC.**
  - xii. With respect to item ix, the PP has revised the mining depth to 1m & bulk density to 2 in EIA report. However, the same needs to be updated in the revised mining plan, **prior to grant of EC.**
- d) Project cost needs revision, **prior to grant of EC** as it does not include the cost of EMP, CER etc.
  - e) EMP budget has been under estimated and the same needs to be updated as suggested in the remark's column herein above, **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) Submission of compliance to Specific ToR condition relating to photographs of display screen displaying the date of collection of baseline data, **prior to grant of EC.**
- c) Revision of mining plan as deliberated herein above, **prior to grant of EC.**
- d) Revision of project cost as deliberated herein above, **prior to grant of EC.**
- e) Revision of EMP budget as deliberated herein above, **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 **42,800 MT.**
- i) Condition the geographical coordinates as per revised area to be conveyed by G&M Dept. are mentioned in the EC letter by JKEIAA.
- j) **Submission of compliance to all other observations made herein above under deliberations, prior to grant of EC.**

- k) Validity of only three years from the date of commencement of the mining operations duly certified by the District Mineral Officer concerned with intimation to the JKEIAA and JKPCB in view of non-availability of replenishment data.

### 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	Ab Majid Mir RQP	M/S Globus Environment Engineering Solutions, Lucknow
1	Submission of the documents	5	5
2	Site Appreciation Note, kml /kmz file, site photo and site videos and PowerPoint presentation	5	5
3	Presentation of factual details of case(s)	5	5
4	Field knowledge of the case(s)	5	5
5	Formulation of PFR, EMP, EIA, CER etc.	5	5
	Overall professional conduct during proceedings	5	5

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

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



(Humayun Rashid)  
SECRETARY

JKUT level Expert Appraisal Committee

**NO:EAC/JK/22/13414-13426**

**Dated: 31.03.2022**

Copy by email to:

1. The Member Secretary, J&K Environment Impact Assessment Authority (JKEIAA), /PCCF/Director, Ecology, Environment and Remote Sensing, J&K Govt., Jammu for favour kind information.
2. Sh. S. C. Sharma, Chairman, J&K Expert Appraisal Committee, (JKEAC) 331 Shastri Nagar, Jammu-180004 for favour of kind information.
3. Sh. M.A Tak, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) 124 Mominabad (Near Jakfed), Anantnag Kashmir,-192101 for favour of kind information.
4. Sh. BrajBhushan Sharma, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) 278/2 Channi Himmat, Jammu for favour of kind information.
5. Professor Shakeel Ahmad Romshoo, Member, J&K Expert Appraisal Committee, (JKEAC) Department of Earth Sciences Kashmir University Srinagar-190006 for favour of kind information and necessary action please.

6. Sh. Abdul Rashid Makroo, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) H/No. 9 Lane No 11 Sector C, Gulshan Nagar Nowgam Bypass, Srinagar-190019 for favour of kind information please.
7. Professor ArvindJasrotia Member, J&K Expert Appraisal COMMITTEE, (JKEAC) 33/D Sainik Colony Jammu-180011 for favour of kind information please.
8. Dr.Ghulam Mohammad Dar, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Main Campus IMPA&RD, M.A Road, Srinagar-190001 for favour of kind information please.
9. Sh. 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](http://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 2<sup>nd</sup> 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 2<sup>nd</sup> 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 29<sup>th</sup> 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](http://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 <sup>th</sup> of the width of the river/riverlet or 7.5 m(inward) from river bank but upto 10% of the width of the river. While calculating targeted mineral production and while formulating the mining plan, the project proponent shall ensure that the area for removal of minerals shall not exceed 60% of the mine lease area, and any deviation or relaxation in this regard shall be adequately supported by the scientific report in accordance with Sand Mining Monitoring & Enforcement Guidelines of 2020.
21	The compliance report shall be submitted at Integrated Regional Office of MoEF&CC, Jammu with a copy to the Regulatory Authority.
22	The mining activity should in no case go beyond the area as mentioned in the Letter of Intent or Environmental clearance letter, whichever is less and a buffer area is maintained such that the slopes of adjoining area does not get disturbed.
23	All the provisions made and restrictions imposed as covered in the Minor Mineral Rules, shall be complied with, particularly regarding Environment Management Practices and its fund management.
24	The recommendations made in the District Survey Report on sustainable mining practices if any shall be complied.
25	The mining shall be done in bench form with maximum bench height within the mining depth as prescribed by the Expert Appraisal Committee
26	Mining should be initiated only after installation of signboards with demarcation pillars indicating the geo-coordinates of the plot as mentioned in the letter of intent, measurements (length /breadth) and should be laid in presence of the authorized official of the Geology & Mining Department. All vertices /corners of the mining block must be marked with concrete pillars of size 0.5mtx0.5mt x2.5mts (2.5 mts. is the depth below the NSL).The demarcation pillars site should mention the specific EC conditions and contact details of concerned authorities responsible for monitoring of compliance of EC conditions/district administration/Police at four corners of the mining block prominently on a large size durable display board for enabling the public to inform the authorities in case of violation of the EC conditions. The display board with details shall be maintained in perfect order throughout the period of lease/mining.
27	There should be no change in the method of excavation and quantity of minerals to be extracted.
28	The EC holder shall keep a correct account of quantity of mineral mined out, dispatched from the mine, mode of transport, registration number of vehicle, person in-charge of vehicle and mine plan. This should be produced before officers concerned for inspection.

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

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

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

