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

J&K UT LEVEL EXPERT APPRAISAL COMMITTEE (JKEAC)

Department of Ecology, Environment & Remote Sensing

SDA Housing Colony, Bemina, Srinagar, Kashmir

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MINUTES OF MEETING

MINUTES OF 99TH MEETING OF THE JK EXPERT APPRAISAL COMMITTEE HELD ON 01ST OF SEPT., 2022 VIA VIDEO CONFERENCING

In pursuance to Meeting Notice issued vide No: EAC/JK/22/14315-14330 dated: 27/08/2022, the 99th Meeting of JK Level Expert Appraisal Committee (JKEAC) was held on 01st of Sept., 2022 at 11 A.M. via video Conferencing. The following attended the meeting:-

No.	Name	Designation
1	Mr. S.C. Sharma, IFS(Rtd.)	Chairman
2	Mr. M.A Tak, IFS(Rtd.)	Member
3	Engineer B.B. Sharma	Member
4	Prof. Anil Kr. Raina	Member
5	Dr.G.M. Dar	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 Environment Clearance for Short Term Permit (STP) Minor Mineral Block(Area 0.90 Ha) RBM Deposit (River bed Mineral) Mining Project located at Ramsoo, Bislari Nallah, District-Ramban UT of J&K, in favour of M/S DRAIPL -ABCI (JV) Ltd. (STP).
Project type (whether mining lease/STP/ Quarry license/brick earth)	Short Term Permit
Category(B1/B2)	B2
Proposal no:	SIA/JK/MIN/285874/2022
File no:	SEAC/JK/20/587

Consultant with validity	M/S Cognizance Research India Private Ltd, Valid till: 25/10/2022
Presenter of consultant:	Ms. Anjali
Project proponent / representative of Project proponent:	Mr. Barinder Singh Chaudhary

CASE SUMMARY

Status	Total Area (Ha)	Bid cost (in lacs)	Project cost (in lacs)	EMP cost proposed (in lacs)		CER budget proposed (lacs/annum)
				Capital	Recurring	
New Project	0.90	NA	5.79	1.09	0.79	0.115

Date of Letter of Intent (LoI)	LoI Extension	Period of Short-term permit (STP)	Approved Mining Plan	Total proposed Production (MT)	Mining Depth Proposed by proponent (Mts.)
04/06/2022	NA	3 months	20/07/2022	25,000	1.50

Mine Closure plan proposed (in lacs)	Haulage Route (Kms)	Bulk density proposed by proponent	Cluster situation (Yes/No)
1.50	0.09	1.86	No

APPRAISAL PROCESS

(To be filled by JKEAC during online appraisal)

STATUS OF DOCUMENTATION

S. No.	Document	Status	Remarks of the Committee
1	Form 1/Form 2 /Form 1-M as applicable	Submitted	
2	Pre-feasibility report (PFR)	Submitted	May be revised in the light of observations
3	Approved Mine Plan /Mine closure Plan	Formulated not as per guidelines	Mine Plan needs to be revised for mining depth, targeted mineral production, 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 to be revised as per recommendations

NO OBJECTION CERTIFICATES

S. No.	Department	Status as per NOC	Remarks/ Reference
1	Irrigation Dept.	Sumbitted under Jal Shakti	The NOC issued by the Tehsildar, Ramssoo is ambiguous as it does not indicate that the land under proposed STP is the same land which is stated as state land. DFO, Ramban has issued revised NOC to clear earlier ambiguity in the previous NOC. Certificates not as per standard format
2	Flood Control Dept.	Sumbitted under Jal Shakti	
3	Fisheries Dept.	Issued conditionally	
4	Forest Dept. (if required)	Submitted	
5	Wildlife Protection Dept (If required)	Not submitted	
6	Pollution Control Board	Not submitted	
7	Revenue Dept.	Ambiguous	
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 Committee (in lacs)
		Capital	Recurring	Capital
1	Green belt development	0.69	0.39	1.00
2	Haulage route maintenance	0.10	0.10	1.00
3	Env. Awareness programme	0.00	0.00	0.00
4	Pollution monitoring	1.00	0.00	0.50
5	Pollution control/ water sprinkling/Dust suppression	0.15	0.15	0.50
6	Occupational Health & Safety of mine workers	0.05	0.05	0.50
7	Laying of Hume Pipes /engineering works	0.00	0.00	3.50
	Total	1.09	0.79	7.00

COORPORATE ENVIRONMENT RESPONSIBILITY

S. No.	Project activity	Activities	Annual Budget proposed by Proponent (in lacs)	Remarks/
1	Health	Free Distribution of medicines, health check-ups in the nearby village	0.060	

2	Covid -19	Distribution of masks, sanitizers in the nearby village or school	0.055	
	Total		0.115	

BUDGET FOR SURVILIENCE

S. No.	Particulars	Budget proposed by Proponent (in lacs)		Remarks of Committee
		Capital (in lacs)	Recurring (in lacs)	
1	Transport Permit	0.05	0.00	
2	CCTV Camera	0.20	0.02	
3	Weight Bridge	0.00	0.00	
4	Personal Computer with power backup	0.20	0.02	
5	Mobile Application Barcode scanner	0.05	0.01	
6	Radio Frequency Identification Tag (RFID) and GPS	0.00	0.00	
7	Annual Audit of lease	0.00	0.05	
8	Security Guard	0.00	0.30	
	Total	0.50	0.40	

**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.	No	No	-	-	Google Image of 11/2020
2	Bridge with midstream piers, if any, located within mining area/ within 500 mts. from the ends of mining block.	No	No	-	-	
3	Bridge /causeway 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.	Yes	No	-	-	Tree grove in the middle of the block.
6	Structures of any kind (buildings /Flood control/ protection works/ electric installations, if any located within/adjacent/ in close vicinity to mining block or within 500 mts. of the mining block.	No	No	-	-	-
7	Irrigation canal headworks/ khul inlets, if any located within mining block or within 500 mts. of the mining block.	Not Identifiable	Not Identifiable	-	-	Not identifiable on Google Image of 11/2020
8	Active water channels, if any crossing the mining block.	Yes	Yes	-	-	Active water channel detected within & outside the mining block
9	National Park/Wildlife Sanctuary/ESZ, if any located in close vicinity of	No	No	-	-	

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

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

- i. The PP has applied for a Short-Term Permit (STP) for extraction of river bed material for use in the National Highway.
- ii. The consultant gave a detailed power point presentation on the project during which he informed that the STP with production of 25,000 MT of RBM, to be extracted within three months, has been proposed to meet the construction requirement of the balance work of Four Laning from Ramban Km 151.0 to Banihal Km 187.0 of the National Highway.
- iii. He further informed that the mining depth of 1.5m has been proposed with bulk density of 1.86 as approved in the mining plan.
- iv. The Committee observed that the PP has submitted title verification issued by Tehsildar Ramsoo vide letter No: The/R/21/553 dated 23/02/2022 which states that the land measuring 30 Kanals and 14 marlas under khasra No. 1309/ 1302/ 1177/ 654 in village Sujmatna, Ramsoo is recorded as State land, Gair Mumkin Nallah but from the certificate, it does not become clear that the proposed area of 0.90 Ha earmarked for mining under STP is part of this land parcel. Therefore, the Committee desires that PP obtain fresh title verification from the Tehsildar concerned as per standard format to be downloaded from the website of the Dept. of Ecology, Environment & Remote Sensing at www.jkdears.com.
- v. However, the fresh NOC issued by concerned DFO, Ramban, vide letter No. RFD/3716-19 dated: 29/08/2022 states that as per field verification done by the Range officer Banihal, B.O Banihal along with revenue authorities, the state land comprising of 1.535 Ha (30 kanals & 14 marlas) is Gair Mumkin Nallah and this includes 0.90 Ha plot proposed for mining under the STP. As per the NOC issued,

the site is 40m away from forest demarcation line and lying in the Nallah on its left bank.

- vi. The Committee also examined the mining site on Google Image on J&K Geoportal in conjunction with forest boundaries using KML file submitted by the consultant. It was observed that the STP site falls within the nallah but inside the forest boundary. The Committee however, noted that since the forest boundary is on a course scale, we may have to bank upon the certificate issued by the DFO which is based on ground truth verification. However, it was desired that the PP should obtain fresh NOC from DFO concerned as per the standard format available on the website of the DEERS at www.jkdears.com to further clarify the matter.
- vii. It was also observed that the haulage route is passing through a steep slope and active water channel also runs through the STP site. Therefore, the JKEAC recommended that the PP should ensure stabilization of the slope enroute the haulage and must lay adequate number of hume pipes wherever water creek traversing is required for haulage to ensure uninterrupted flow of water.
- viii. The Trees within the STP site shall have to be given due protection during the mining operations with sufficient safety buffer.
- ix. The PP has submitted the cluster certificate issued by DMO, Ramban vide letter No: DMO/R/CC/2022-23/78 dated 27/07/2022.
- x. Project cost has been underestimated by the consultant as it does not include cost of EMP, CER and therefore needs to be revised as recommended herein above.
- xi. Mining depth of 1.5 m mentioned in mining plan was not agreed by the Committee. It was desired that mining depth be restricted to max. 1m and the PP should obtain a clear cut certificate from the G&M Dept. stating that there is enough material available for extraction from the site without endangering the ecological and hydrological regime of the nallah.

RECOMMENDATION OF THE COMMITTEE:

In view of the above deliberations/observations made herein above, the Expert Appraisal Committee recommend the Short-Term Permit (STP) for grant of EC subject to:-

- a) Standard and Specific Conditions as per **Annexure C** to these Minutes of Meeting.
- b) Submission of Title Verification and all NOCs as per standard formats to be downloaded from the website of the Department at www.jkdears.com, **prior to grant of EC.**
- c) Submission of a clear cut certificate from the G&M Dept. stating that there is enough material available for extraction of requisite quantity from the site without endangering the ecological and hydrological regime of the nallah, **prior to grant of EC.**
- d) Revision of mining plan w.r.t mining depth of max. 1m and its *denovo* approval by competent authority, **prior to grant of EC**
- e) Maximum targeted mineral production of **16700 MTs.**
- f) 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.
- g) Condition that project cost and EMP budget needs to be revised, **prior to grant of EC.**
- h) **Condition that No JCBs/ Excavators/ Bulldozers to be used in mining and no water course to be disturbed while transporting minor minerals.**
- i) Condition the geographical coordinates as per LOI are mentioned in the EC letter by JKEIAA.

- j) Submission of compliance to the observations made herein above under deliberations, **prior to grant of EC.**
- k) Validity of **three months only** with strict adherence to approved quantum of 16700MTs.

OBSERVATIONS ABOUT CONDUCT OF CONSULTANTS

(Excellent/Good /Average/Poor)

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

S. No	Component	M/S Cognizance Research India Private Ltd.
1	Submission of the documents	6
2	Site Appreciation Note, kml /kmz file, site photo and site videos and PowerPoint presentation	5
3	Presentation of factual details of case(s)	5
4	Field knowledge of the case(s)	6
5	Formulation of PFR, EMP, EIA, CER etc.	5
	Overall professional conduct during proceedings	5.4

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

(Humayun Rashid)
S E C R E T A R Y

JKUT level Expert Appraisal Committee

NO:EAC/JK/22/14331-14343

Dated:08-09-2022

Copy by email to:

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

7. Professor ArvindJasrotia Member, J&K Expert Appraisal COMMITTEE, (JKEAC) 33/D Sainik Colony Jammu-180011 for favour of kind information please.
8. Dr.Ghulam Mohammad Dar, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Main Campus IMPA&RD, M.A Road, Srinagar-190001 for favour of kind information please.
9. Sh. IrfanYasin, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Bagh-e-Hyderpora, Bypass, Srinagar for favour of kind information please.
10. Professor Anil Kumar Raina, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Department of Environmental Science University of Jammu, Jammu-180006 for favour of kind information please.
11. Professor M. A. Khan, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Khan House, A-27 Milatabad, Peerbagh “B” Srinagar for favour of kind information please.
12. Dr.Falendra Kumar Sudan, Member, J&K Expert Appraisal COMMITTEE, (JKEAC) Professor Department of Economics University of Jammu, Jammu for favour of kind information please.
13. Sh. Sheikh Sajid, PA for information and with direction to upload the minutes on the environmental clearance portal at parivesh.nic.in.
14. Concerned File.

ANNEXURE-C

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

GENERAL CONDITIONS: -

Category	S. No.	Environmental Conditions
Stake holder engagement	1	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.
	2	The genuine concerns of the local people translated through local Panchayat shall be addressed during the mining operations
	3	The labourers should preferably be from nearby villages
	4	All the orders from Hon'ble Courts of competent jurisdiction and authorities representing various government departments having stakes shall be complied with during the mining operations.
Sustainable Mining Practices	5	The recommendations made in the District Survey Report on sustainable mining practices if any shall be complied
	6	The depth of mining in Riverbed shall be as recommended by the J&K Expert Appraisal Committee
	7	Mining activity shall not be allowed in rainy season
	8	The Geology & Mining Dept. shall study the replenishment of the dugout pits and document it for updating the District survey report
	9	The mining shall be restricted to 3/4 th of the width of the river/rivulet or 7.5 m(inward) from river bank but upto 10% of the width of the river.
	10	No stream should be diverted for the purpose of sand mining. No natural water course and/ or water resources are obstructed due to mining operations.

	11	Mining shall be carried by low profile machinery out without adoption of drilling & blasting. The RBM shall be exploited manually with spade, chisel, etc.
Identification and Preparation of Mining Site	12	Mining should be initiated only after installation of signboards with demarcation pillars indicating the geo-coordinates of the plot at each corner to be laid in presence of the authorized official of the Geology & Mining Department
	13	There should be no change in the method of excavation and quantity of minerals to be extracted.
Monitoring the Mining of Mineral and its Transportation	14	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
	15	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.
	16	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.
Noise Management	17	Noise arising out of mining and processing shall be abated and controlled at source to keep within permissible limit. Measures should be taken to control noise levels below 85 dBA in the work environment. Workers should be provided with ear plugs.
	18	Restricted working hours. Mining operation has to be carried out between 6 am to 7 pm.
Air Pollution and Dust Management	19	The EC holder shall take all measures for protection of Environment and control of Pollution.
	20	The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly at loading, unloading and transfer points.

	21	The critical parameters of the Air and water shall be monitored within the impact zone of the Mine area particularly in the nearby habitations. The standing instructions issued from time to time by the Ministry of Environment, Forest & Climate Change (MoEF&CC) and Central Pollution Control Board (CPCB) shall be referred in this regard for compliance.
	22	Air due to dust, exhaust emission or fumes during mining and processing phase should be controlled and kept in permissible limits specified under environmental laws.
	23	The mineral transportation shall be carried out through covered trucks only and the vehicles carrying the mineral shall not be overloaded.
	24	Overloading of trucks and trolleys will be avoided.
	25	Personal protective equipment's will be provided to the workers.
	26	Haul road will be kept wide, compact and water spraying will be done. It shall be properly maintained by the PP and restored to original position after mining. Axle load on the roads should not exceed the prescribed load as per IRC
Solid waste management	27	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.
	28	Bins shall have to be provided at site for collection of solid waste.
Bio-Diversity Protection	29	Adequate measures must be taken for the protection of local fauna and flora
	30	Protection of turtle and bird habitats shall be ensured.
	31	No felling of trees near mining site is allowed.
	32	Spring sources should not be affected due to mining activities. Necessary Protection measures are to be incorporated.
	33	The PP shall use of oversize material to control erosion and movement of sediments

Management of Instability and Erosion	34	There shall be no extraction of stone / boulder / sand in landslide prone areas.
	35	There should be controlled clearance of riparian vegetation to be undertaken
	36	The PP should take adequate steps to check soil erosion and control debris flow etc. by constructing engineering structures
	37	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.
Waste Management	38	Site clearance and tidiness is very much needed to have less visual impact of mining.
	39	Dumping of waste shall be done in earmarked places as approved in Mining Plan
	40	Rubbish burial shall not be done in the Rivers.
Enhancement of Road Safety	41	Vehicles used for transportation of sand are to be permitted only with fitness and PUC Certificates
	42	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.
	43	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.
	44	No stacking shall be allowed on road side along National Highways.
Health and Safety	45	Health and safety of workers should be taken care of. They should also be provided training in safety and health care aspects.
	46	Adequate facility for drinking water and toilets should be provided for the workers
	47	Transport of mineral will not be done through villages / habitations.

	48	Deep drilled handpump with sufficient funding provision should be earmarked for providing drinking facility to the labour force and accordingly it should be reflected in the revised EMP
	49	Recommendations of National Institute for Labour for ensuring good occupational environment for mine workers would also be adopted.
COVID-19 SOPs	50	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.
Other mandatory requirements	51	The copy of the EC shall be endorsed to the local Panchayat and all stake holder departments.
	52	The JK Pollution Control Board/ Committee shall display the EC at its Regional office, District Industries Centre, Collectors office/ Tehsildar Office for 30 days.
	53	The Project Proponent shall advertise, within 7 days of the date of issue of the EC, in two local dailies that the project has been granted EC and the copy of EC is uploaded on the MoEF&CC website at parivesh.nic.in. and copy of same should be endorsed to the Regional Office of the MoEF&CC at Chandigarh for information and necessary action.
	54	The MoEF&CC may alter/ modify or stipulate any other condition before, during the operations of the mine if it is found to be in the interest of environmental protection.
	55	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.
	56	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.

Specific Conditions: -

1	The EC shall be subject to other statutory clearances including clearance from Wildlife Protection Department and Standing Committee of the National Board of Wildlife, if applicable under rules.
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2	The project proponent shall extract river bed material only within the prescribed mining depth as agreed by the Expert Appraisal Committee, strictly within the size of the plot area as provided in the allotment letter from G&M Dept. and within the prescribed period under Rules.
2	The EC shall be subject to the condition that the material extracted is utilized only for the purpose for which the applicant has applied.
3	The formal STP shall be granted only after the Project proponent transfers funds earmarked under EMP/CER/CSR to the concerned stake holder departments like CMO concerned and DFO concerned in advance before grant of STPs for utilization under close supervision of the Local Panchayat Head.
4	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.
5	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.
6	The grant of EC does not imply approval of the Govt. required under any other provision of law applicable in the UT of J&K
7	Before granting the STP, the Geology & Mining Department shall certify that no mining lease is in operation within 500 mts upstream and downstream from the plot identified for STP.
8	The EC holder shall obtain an estimate from the concerned DFO, Social Forestry Division for planting recommended number of saplings of indigenous species in the nearby wastelands for which the funds required for planting and its maintenance for 2 years shall be transferred to the DFO, Social Forestry concerned in advance prior to grant of formal Short-Term Permit, for utilization to protect local biodiversity in the area. Accordingly, the PP shall revise the Environment Management Plan in consultation with concerned DFO Social Forestry Dept. if so desired by the Expert Appraisal Committee in its observation during deliberations. Separate account shall be maintained for the funds so earmarked.
9	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.
10	The project proponent shall take all precautionary measures during mining operations for conservation and protection of endangered fauna and flora in the area.

11	The workers should be provided with PPEs. 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. The funds earmarked under Occupational Health care shall be transferred to the CMO concerned in advance before grant of STP in favour of the project proponent who will maintain separate account for the same.
12	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.
13	Provision shall be kept for housing of the labour force, toilets, facilities for cooking, safe water, health care, crèche etc. for the labour force.
14	A final Mine closure Plan along with details of Corpus fund shall be communicated to the MoEF&CC in advance for approval.
15	The top soil in case of surface land mining shall be temporarily stored at an appropriate site and concurrently used for land reclamation.
16	The mining operations shall be undertaken in a systematic manner so that it does not damage the aesthetic view of the area.
17	Adequate steps should be taken to check soil erosion and engineering structures shall be raised near the bank wherever required.
18	Mining shall not be allowed where there is danger to flood protection works and places of cultural, religious and historical significance.
19	The compliance report shall be submitted to the Regional Office of the MoEF&CC with a copy to the Regulatory Authority.
20	The EC shall be valid for a period as approved by JKEIAA, operational from the date of commencement of the mining operations duly certified by the District Mineral Officer concerned with intimation to the JKEIAA, JKPCB and the concerned District Administration.