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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

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



MINUTES OF MEETING

MINUTES OF 108th MEETING OF THE JK EXPERT APPRAISAL COMMITTEE HELD ON 15th February, 2023 VIA VIDEO CONFERENCING

In pursuance of the Meeting Notice issued vide No: EAC/JK/23/14666-14681 dated: :01/02/2023 and Addendum notice issued vide No: EAC/JK/23/14745-14760 dated 10/02/2023, the 108th Meeting of JK Level Expert Appraisal Committee (JKEAC) was held on 15th February, 2023 at 11 A.M. via video Conferencing. The following members attended the meeting:-

No.	Name	Designation
1	Mr. S.C. Sharma, IFS(Rtd.)	Chairman
2	Mr. M.A Tak, IFS(Rtd.)	Member
3	Mr. Irfan Yasin	Member
4	Er. B.B. Sharma	Member
5	Prof. Anil Kr. Raina	Member
6	Mr.Humayun Rashid	Secretary

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

The proceedings were made as under:-

AGENDA ITEM NO: 01

Title of case:	Grant of Terms of Reference for "Limestone mine" at village- Mattan Martand, Tehsil- Dooru, District- Anantnag, UT- J&K; Area- 4.844 Ha in favour of M/S BAWAN MINERALS. (TOR).
Project type (whether mining lease/STP/ Quarry license/brick earth)	Limestone Quarry (Major mineral)
Category(B1/B2)	B1
Proposal no:	SIA/JK/MIN/407176/2022
File no:	SEAC/JK/2018/63
Consultant with validity	M/S COGNIZANCE RESEARCH INDIA PVT LTD, Valid till: 05/03/2023
Presenter of consultant:	Mr. Abinav Mishra as Arun and Mr. Ankur Sharma
Project proponent / representative of Project proponent:	Mr. SNH Kazmi

CASE SUMMARY

Status	Area (Ha)	Land Title	Khasra No.	Mining lease reference No.	Project cost (in lacs)	EMP cost proposed (in lacs)		CER budget proposed (lacs/annum)
						Capital	Recurring	
New Project	4.844	State land	1925- Min	G.O.159- IND of 2005	92.97	5.20	0.00	4.64

Mine Closure plan proposed (in lacs)	Ultimate Pit Depth (mts.)	Annual depth of working (m)	Mining Methodology	Topography (mRL)		Cluster situation (Yes/No)
				Highest Contour	Lowest Contour	
Not provided	66	1 st Year=18 2 nd Year to 5 th year= 12x4=48	Mechanized, open cast mining method	1882.40	1804.60	Yes

Mining period (years)	Total mineable reserves as per approved mine plan (MT)	Avg. Annual Production (MT/Annum)	Water Requirement (KLD)	Bulk density proposed (t/m ³)	Haulage Route (Kms)
5	1.265117	143930	6.08	2.5	0.30

PROJECT EVENT DATES

Date of lease	Lease extension date	Existing Lease (Date of Execution)	Date of extension of Lease	Period of Lease extension (yrs)	Date of Mining Plan approval
21/06/2005	21/01/2023	15/12/2015	21/01/2023	50	26/07/2022

ToRs granted on	Baseline data Collection by project proponent as the case may be	Public Hearing held on	Case discussed by JKEAC earlier on	Earlier Decision
Not Yet	Not Yet	Not Yet	08/09/2018 In 9 th Meeting of JKEAC	PP asked to apply afresh under B1 category

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-1 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	Needs revision as per deliberations.
4	District Survey Report	Formulated not as per guidelines	

5	Environmental Management Plan/ Corporate Environmental Responsibility (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.	Not submitted	
3	Fisheries Dept.	Not submitted	
4	Forest Dept. (if required)	Issued as non-forest	
5	Wildlife Protection Dept (If required)	Issued	
6	Pollution Control Board	Not Issued	
7	Revenue Dept.	Issued as state land	
8	PHE (Jalshakti) Dept.	Not submitted	
10	Soil and Water Conservation dept.	Issued conditionally	

WATER REQUIREMENT

Source	Purpose	Details	Avg. Demand/day
Portable water	Drinking @ 15 lpcd/workers	48 workers × 10 lpcd = 480 lpcd	0.480 KLD
	Mine operation/ others	---	1.00 KLD
	Land reclamation/ plantation @ 1 Lit/tree	1000 trees × 1 lpcd = 1000 lpcd	1.00 KLD
	Dust suppression @ 2 lit/Sq. m (Twice in a day)	Haul Road Area = (300 m Length × 6 m width = 1800 m ²) × 2 lpcd/Sq. m = 3600 lpcd	3.6 KLD
Total water demand			6.08 KLD

DETAILS OF REVENUE/ROYALTY COLLECTED IN LAST THREE YEARS

YEAR	2014-2015	2015-2016	2016-2017
Total amount	15,36,088	28,19,917	21,50,400

ENVIRONMENTAL MANAGEMENT PLAN

S. No	Proposed actions	Budget proposed by Proponent		Remarks/
		(in lacs)		
		Capital	Recurring	
1	Green belt development	2.00	0.00	
2	Haulage route maintenance	1.00	0.00	
3	Env. Awareness programme	0.00	0.00	
4	Pollution monitoring	1.00	0.00	
5	Dust suppression	1.20	0.00	
6	Occupational Health & Safety of mine workers	0.00	0.00	
7	Solid waste management	0.00	0.00	
	Total	5.20	0.00	

COORPORATE ENVIRONMENT RESPONSIBILITY

S.No.	Project activity	Activities	Annual Budget proposed by Proponent (in lacs)	Remarks
1	Covid -19 protocols	Distribution of N95 masks, sanitizers & first aid boxes to the nearby hospital	0.00	
2	Education	Renovation (Plastering & painting of walls), construction of pavement/roof repair in the nearby school	0.00	

	Total	0.00	
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BUDGET FOR SURVILIENCE

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

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	Adjacent to Mining site boundary	Uphill (Mts.)	Downhill (Mts.)	Remarks
1	Features indicative of Illegal mining	Yes	-	-	Illegal mining signs were observed both within & outside mining block the in latest google image of 12/2022

2	Settlements around the quarry	Yes	-	290 m	Settlements were observed downhill of the mining site
3	Educational Institution	Yes	-	850 m	Govt. higher secondary school located downhill of the mining block
4	Hospital/Health Institution	Yes	-	660 m	Primary health centre located in the downhill of the mining site
5	Green patch (Cropland / trees /orchard etc.)	Yes	125 m	260 m	Scattered trees/orchid were observed both uphill & downhill of the mining site
6	Stream/river in close vicinity	Yes	-	30 m	Martand canal was observed on latest google image on downhill of the mining site
7	Springs and other drinking water sources in close vicinity	Not identifiable	-	-	Not identifiable
8	Haulage route	Yes	-	-	Running adjacent to the mining block
9	Distance w.r.t National Park/Wildlife Sanctuary/ESZ	Not identifiable	-	-	Not identifiable
10	Involvement of forest land or any other relevant specific feature of interest or condition which is critical to grant of Environmental Clearance to the proposed project	No	-	-	As per NOC of Forest Dept. the mining site is 122 m away from the nearest forest boundary line.

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

- a) The consultant Shri Ankur Sharma gave the power point presentation during which he informed the Committee that the PP has applied for ToR for a Lime stone mining project in Anantnag district.
- b) He informed that it is a major mineral quarry and project has been submitted under B1 category with an area of 4.844 Ha.

- c) As per documents submitted by the PP, Limestone quarry of M/S Bhavan Minerals forms a cluster with M/S Chattan Cements with limestone quarry of 4.115 Ha. JKEAC desired to know the status of other quarry in the cluster w.r.t grant of EC as the same was not on record. The Committee opined that in case the other quarry holder does not have an EC, then both should have applied together for the entire cluster.
- d) He informed that the Director, G&M Dept., Jammu vide his letter No. MCC/DGM/Bhawan/03/ML/679-83 dated 21/01/2023 has issued an extension for 50 years in the lease period of Limestone mine in favour of M/S Bawan Minerals, District Anantnag, Kashmir.
- e) As per the mining plan the bulk density proposed is 2.5 with ultimate pit depth of 66m.
- f) During presentation, the consultant was asked to describe the mining methodology in detail but he could not satisfy the queries of the members especially as to how the ultimate mining depth of 66m proposed in the mining plan would be achieved without impacting the environmental setting of the area. He was also asked to give details of how the mining activity would proceed and how the haulage of materials would be managed without impacting the martand canal and other nearby institutions.
- g) Therefore, the Committee desired that the case be listed afresh in a physical meeting to be held at Jammu shortly. The PP is advised to submit 6 sets of hard copies of the mining plan, prefeasibility report and other documents for making same available to the members prior to the next meeting. The consultant shall also present himself for PowerPoint presentation at Jammu on the scheduled date of meeting.

RECOMMENDATION OF THE COMMITTEE:

In view of the above deliberations and insight gained during the above cited appraisal process, JKEAC deferred the case and desired to appraise the same in a physical meeting at Jammu to be notified shortly. The PP is advised to submit 6 sets of hard copies of the mining plan, prefeasibility report and other documents for making same available to the members prior to scheduled meeting.

AGENDA ITEM NO: 02

Title of case:	Reconsideration of the case relating to Grant of Environment Clearance for STP Minor Mineral (Quarry) block, Area (0.25 Ha) at village Hunjala, District-Kishtwar, in favour of M/S Executive Engineer, PMGSY, Kishtwar.
Project type (whether mining lease/STP/ Quarry license/brick earth)	STP Quarry (Minor mineral)
Category(B1/B2)	B2
Proposal no:	SIA/JK/MIN/268040/2022
File no:	JKEIA/2023/602
Consultant with validity	M/S Dr. J.S. JAMWAL (RQP) Valid till: 12/02/2029
Presenter of consultant:	Dr. J.S. JAMWAL

Project proponent / representative of Project proponent:	None.
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CASE SUMMARY

Status	Area (Ha)	Land Title	Khasra & Survey No.	Adv. Royalty (in lacs)	Project cost (in lacs)	EMP cost proposed (in lacs)		CER budget proposed (lacs/annum)
						Capital	Recurring	
New Project	0.25	Pvt. Land	1416 43 (0/15)	3.805	12.769	1.94	---	0.38

Dimensions of the Pit (Mts) (L *W* H)	Mining Methodology	Topography (mRL)		Cluster situation (Yes/No)
		Highest Contour	Lowest Contour	
(72*42*2)	Open cast, bench method	1656	1629	NO

Mine Closure plan proposed (in lacs)	Ultimate Pit Depth (mts.)	Mining period (Months)	Total mineable reserves for 3 months as per approved mine plan (MT)	Water Requirement (KLD)	Bulk density proposed	Haulage Route (Kms)
0.0375	2.00	3	26953	3.50	2.6	0.75

PROJECT EVENT DATES

Date of Letter of Intent/Approval	Revalidation of LOI, if any	LoI Date of Validity	Date of Mining Plan approval
26/06/2021	18/08/2022	18/02/2023	30/09/2021

ToRs granted on	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	24/12/2022	NA

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	
4	District Survey Report	Formulated not as per guidelines	
5	Environmental Management Plan/ Corporate Environmental Responsibility (EMP/CER)	Formulated but needs revision	

NO OBJECTION CERTIFICATES

S. No.	Department	Status as per NOC	Remarks/ Reference
1	Irrigation Dept.	Issued	The NOC issued by the Revenue Dept., is ambiguous and not legible. As per PFR the land under the quarry mining is private land (Affidavit attached)
2	Flood Control Dept.	Issued	
3	Fisheries Dept.	Issued conditionally	
4	Forest Dept. (if required)	Issued as non-forest	
5	Wildlife Protection Dept (If required)	Issued conditionally	
6	Pollution Control Board	Not submitted	
7	Revenue Dept.	Ambiguous	
8	PHE (Jalshakti) Dept.	Issued conditionally	
10	Soil and Water Conservation dept.	---	

WATER REQUIREMENT

Source	Purpose	Avg. Demand/day (KLD)
Portable water	Dust suppression & Green belt	3.00
	Domestic (Considering 15 litres per person per day for 21 people)	0.50
Total water demand		3.50

ENVIRONMENTAL MANAGEMENT PLAN

S. No	Proposed actions	Budget proposed by Proponent (in lacs)		Remarks/
		Capital	Recurring	
1	Green belt development	0.30	0.00	
2	Haulage route maintenance	0.30	0.00	
3	Env. Awareness programme	0.10	0.00	
4	Pollution monitoring	0.00	0.00	
5	Dust suppression	0.90	0.00	
6	Occupational Health & Safety of mine workers	0.34	0.00	
7	Solid waste management	0.00	0.00	
	Total	1.94	0.00	

CORPORATE ENVIRONMENT RESPONSIBILITY

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

1	Education	Provision for uniform, stationary items to school going children	0.12	
2	Env. awareness	Environmental awareness camp in the nearby village	0.10	
3	Health	Community medical camp	0.16	
	Total		0.38	

BUDGET FOR SURVILIENCE

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

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	Adjacent to Mining site boundary	Uphill (Mts.)	Downhill (Mts.)	Remarks

1	Features indicative of Illegal mining	No	-	-	-
2	Settlements around the quarry	Yes	325 mtr	350 mtr	Settlements were observed both uphill and downhill of the mining site
3	Educational Institution	Not identifiable	-	-	Not identifiable
4	Hospital/Health Institution	Not identifiable	-	-	Not identifiable
5	Green patch (Cropland / trees /orchard etc.)	Yes	Within block	Within Block	Open forest/ scattered trees were observed both within & outside quarry mining block
6	Stream/River in close vicinity	Not identifiable	-	-	Not identifiable
7	Springs and other drinking water sources in close vicinity	Not identifiable	-	-	Not identifiable
8	Haulage route	Yes	-	65 mtr	Approach road is located adjacent to the mining site
9	Distance w.r.t National Park/Wildlife Sanctuary/ESZ	Not identifiable	-	-	Not identifiable
10	Involvement of forest land or any other relevant specific feature of interest or condition which is critical to grant of Environmental Clearance to the proposed project	No	-	-	As per NOC of Forest Dept. the quarry mining site is 544 m away from the nearest forest boundary line.

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

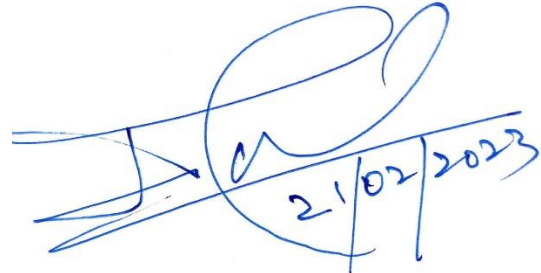
- a) The case was presented by Mr. Jamwal, RQP for reconsideration of case relating to grant of EC for Short Term Permit Quarry submitted by the Executive Engineer, PMGSY, Kishtwar under B2 category with an area of 0.25 Ha.
- b) Earlier the case had been discussed in 105th Meeting held on 24/12/2022 during which the Committee had not agreed to recommend the case in view of critical slope of the area and dense vegetation on the site as observed on Google Earth image.
- c) The KML file of the project site submitted by the project proponent was used to examine the STP site on the Google Earth Image, again.
- d) The consultant presented a live video of the area with a person in field but the person who was in field could not show the exact site. There was also none from the concerned department/Project Proponent's side to explain the matter.

- e) The Committee observed that the site which the RQP tried to identify on ground did not match the features on the image as per the coordinates of the KML file provided by the RQP.
- f) Therefore, JKEAC desired that the DMO concerned should identify the site on ground in the company of concerned DFO who would certify the tree species with average dia class and number of trees involved in the STP area for enabling this forum to take further decision in the matter.
- g) The Committee also observed that the area had considerable slope and any mining activity would trigger landslides. Further, it is not clear as to how the haulage of material would be carried out without disturbing the slope in the intervening area from road to the site as observed on the image.

RECOMMENDATION OF THE COMMITTEE:

In view of the above deliberations the Committee desired that the DFO and DMO concerned after identifying the STP site in field, should issue a clarification with respect to type of vegetation in the STP site viz. tree species, number of tree /vegetation involved with average dia class in the querying operation and likely impact of mining on the slope for enabling this forum to take further decision in the matter.

The meeting ended with vote of thanks to the Chair.



(Humayun Rashid)
SECRETARY
JKUT level Expert Appraisal Committee

NO:EAC/JK/23/14763-14775

Dated:21-02-2023

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.