

INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION
MCDR REPORT
Dehradun regional office

Mine code: 38J&K09002

(i)	Name of the Inspecting Officer	Nitin
(ii)	Designation	Junior Mining Geologist
(iii)	Accompanying mine official with designation	Mr .M A Khan (Mine manager) KHYBER INDUSTRIES PVT LTD TULPOW KHUNMOH TEHSIL PANTHACHOWK& DISTT SRINAGAR 191104
(iv)	Date of Inspection	10.12.2024
(v)	Prev. Inspection date	22.12.2023

PART-I: GENERAL INFORMATION

1	Mine Name	Tulpow Limestone Mine
2	Registration No.	IBM/11786/2012
3	Category	A-Category
4	Type of Working	Opencast
5	Postal Address	-
6	State	Jammu and Kashmir
7	District	Srinagar
8	Village	Tulpow (Khunmoh)
9	Taluka/Tehsil	Pantha Chowk
10	Post Office	Pantha Chowk
11	Pin Code	191104
12	FAX No.	-
13	E-mail	geologykhyberindustries@gmail.com
14	Phone	9622800228
15	Police Station	Pantha Chowk
16	Nearest railway Station	Nowgam
17	Date of grant of mining lease	19.12.1983
18	Date of execution	19.12.1983
19	Date of Opening of mine	1.10.1987
20	Date of first Renewal, if applicable and its period & expiry	144-IND of 2004 read with IND/83-MNG/82-II DATED 25.10.2004 & subsequent extension for 50 yrs vide 167-IND OF 2017 DATED 30.06.2017 PERIOD 19.12.1983 TO 18.12.2033
21	Date of second Renewal, if applicable and its period & expiry	
22	Date of 3rd Renewal, if applicable and its period & expiry	

23	Name of the Nominated Owner with address, phone, email, fax number,date of appointment	Sri ABDUL QUAYOOM TRAMBOO
24	Name of the mine agent with address, phone, email, fax number,date of appointment	NA
25	Name of the mine manager with address, phone, email, fax number,date of appointment	Mr .M A Khan (Mine manager) KHYBER INDUSTRIES PVT LTD TULPOW KHUNMOH TEHSIL PANTHACHOWK& DISTT SRINAGAR 191104
26	Name of the mining engineer,qualification, experience with address, phone, email, fax number,date of appointment	NA
27	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55	Mr.Javeed Ahmed Ganaie MSc Geology, 15 years 01.04.2013
28	Date of approval of Mining Plan/Modified Mining Plan with five year period and specific condition in approval letter, if any.	614(2)/MP-B-178/2002-DDN DATED 28.01.2022 2022-23 to 2026-27
29	Date of approval of Mining scheme with five year period and specific condition in approval letter, if any	614(2)/MP-B-178/2002-DDN DATED 28.01.2022
30	Mineral(s) granted in lease and proved for mining	Limestone
31	Method of Mining(Open cast, Underground)	Open cast
32	Category (Fully Mechanized, Others or Manual)	Mechanized
33	Captive/Non Captive	Captive

PART-II: OBSERVATION / COMMENT OF INSPECTING OFFICER

1. Exploration:

S.N.	Item	Proposals (2023-24)	Actual Work (2023-24)	Remarks
1a	Backlog of previous year	Not proposed	Not applicable	

1b	Exploration over lease area for Geological axis 1 or 2.	No proposals	Present level of exploration G1-67.45 ha G3-8.51 ha.	Lessee has submitted FMCP over 16.86 hectare which was approved on 10.02.2023.
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	NIL	NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Nil	8.51 ha	Lessee has submitted the FMCP for the area under G3 as it predominantly lies in no Mining zone.
1e	Balance reserves as on 01.04.2024	As on 01.04.2023- Reserves-25,915,685 T	Balance reserves as on 01.04.2024=25,535,903 T	379,782 T has been extracted during the year
1f	General remarks of Inspecting officer on geology, exploration etc.			

2. Development:

S.N.	Item	Proposals (2023-24)	Actual Work (2023-24)	Remarks
2a	Location of Development w.r.t. lease area	It was proposed to Work in single pit. Working has been proposed in 3 benches from 2243mRL to 2219mRL	Mining operations were carried out at proposed place.	
2b	Separate benches in topsoil overburden and mineral	No proposals	Not applicable	The working benches are in limestone
2c	Stripping ratio or ore to OB ratio	1:0	1:0	
2d	Quantity of topsoil generation in m ³	Nil	Nil	
2e	Quantity of overburden generation in m ³	Nil	Nil	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.			

3. Exploitation:

S.N.	Item	Proposals (2023-24)	Actual Work (2023-24)	Remarks
3a	Number of pits proposed for production	1	One pit is being developed from top to bottom by 8m high benches.	Working has been proposed in 3 benches from 2243mRL to 2219mRL
3b	Quantity of ROM mineral production proposed	700000 T	379,782 T	
3c	Recovery of Salable/usable mineral from ROM production	100%	Entire mineral is consumed in to the cement plant.	
3d	Quantity of mineral reject generation	No proposals is incorporated	No mineral reject is Generated.	
3e	Grade of mineral reject generation and threshold value declared	Not Proposed	Not applicable	
3f	Quantity of sub-grade mineral generation	Not Proposed	Not applicable	
3g	Grade of sub-grade mineral generation	Not applicable	Not applicable	
3h	Manual/Mechanized method adopted for segregation from ROM	Mechanized method	Mechanical method adopted for working	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	Not Applicable	
3j	Provision of drilling & blasting in mineral benches	Yes, Drilling operation was proposed by Jack hammer drilling and Blasting operation was Proposed by slurry explosives.	DTH wagon drills of 100mm hole dia with three air compressors are deployed for drilling. Slurry explosive in cartridge form (83 mm dia) is being used for blasting purpose	
3k	Provision of mining machineries in mineral benches	Excavators/JCB, dumpers/tipper	small backhoe excavators - 03 units (166 hp)of 1,2 CuM Bucket Capacity(Kobelc o SK 210) and rock breaker(140 hp),Tipper, Dozer,	

			wheel loader	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Using Open cast method of mining & Bench height proposed with 8 m in the Mines.	According to mining plan bench height should be approx 8 m	
3m	Total area covered under excavation /pits	An area of 24.09 ha for mining	As on 01.04.2024 Area 24.09 ha	As per the annual return
3n	Ore to OB ratio for the pit/mine during the year	Not applicable	Not applicable	
3o	Total area put in use under different heads at the end of year	24.03 ha at the start of the year	As on 01.04.2024 Area 24.09 ha	0.06 ha area has been included for the development purposes
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20=700000 T 2020-21=700000 T 2021-22=700000 T 2022-23=400005 T 2023-24=700000 T	2019-20=374914 T 2020-21=379342 T 2021-22=379806 T 2022-23=379525 T 2023-24=379782 T	Units are in tonnes
3q	General remarks of inspecting officer on method of mining etc.	Development works has been carried out at the proposed places.		

4. Solid Waste Management-Dumping:

S.N.	Item	Proposals (2023-24)	Actual Work (2023-24)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Not proposed	Not applicable	
4b	Location of topsoil, OB & mineral reject dumps	Not proposed	Not applicable	
4c	Number of Dumps within lease area and outside lease area	Not proposed	Not applicable	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Not proposed	Not applicable	
4e	Number of Active & Alive dumps	Not proposed	Not applicable	
4f	Number of dead dumps	No proposals	Not applicable	
4g	Number of dumps established	Not applicable	Not applicable	
4h	Whether Retaining wall or garland	Not proposed		

	drain all along dumps are there			
4i	Length of Retaining wall or garland drain all along dump	Not proposed		
4j	Number of settling ponds	Nil	Nil	
4k	Specific commends of inspecting officer on waste dump management	Though there is no dump but Retaining wall has been prepared near the magazine to retain the rolling stone from the high slope of the hill.		

5. Solid Waste Management-Backfilling:

S.N.	Item	Proposals (2023-24)	Actual Work (2023-24)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposed	Not applicable	
5b	Area under backfilling of mined out area	Not proposed	Not applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed	Not applicable	
5d	Total area fully reclaimed & rehabilitated	Not proposed	Not applicable	FMCP has been Approved over 16.86 ha. Modification of mining plan has been approved.
5e	General remarks of inspecting officer on backfilling, reclamation etc			

6. Progressive Mine Closer Plan:

S.N.	Item	Proposals (2023-24)	Actual Work (2023-24)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 26(2). Details should be given in the format as given in Annexure-20	Proposed	Submitted	
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	Not Proposed	Not applicable	

	ii) Afforestation done (ha)	Proposed	As per proposals	
	iii) No. of saplings planted during the year	200 saplings have been Proposed over an area of 0.5 ha	As per proposals	
	iv) Cumulative no. of plants	Not Proposed	Not applicable	24486 plants at the end of the 2023-24 as per annual return.
	v) Any other specific method of rehabilitation	Not Proposed	Not applicable	
	vi) Cost incurred on watch & care during the year	Proposed	100000/- As per proposals	
6c	Compliance on reclamation and rehabilitation by backfilling			
	i) Voids available for backfilling (L*B*D)	Not Proposed	Not applicable	
	ii) Void filled by waste/tailings	Not Proposed	Not applicable	
	iii) Afforestation on the backfilling	Not Proposed	Not applicable	
	iv) Rehabilitation by making water reservoir	Not Proposed	Not applicable	
	v) Any other specific means	Not Proposed	Not applicable	
6d	Compliance of Rehabilitation of waste land within lease			
	i) Afforestation	Not Proposed	Not applicable	
	ii) Area rehabilitation	Not Proposed	Not applicable	
	iii) Method of rehabilitation	Not Proposed	Not applicable	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Environment Monitoring proposed	Environment Monitoring done	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	PMCP work as per proposals		

7. Mineral Conservation:

S.N.	Item	Proposals (2023-24)	Actual Work (2023-24)	Remarks
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7a	ROM mineral dispatch or grade wise sorting within lease area	700000 T	379782 T	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not proposed	Not applicable	
7c	Different grade of mineral sort out at mine	Not proposed	Not applicable	
7d	Any beneficiation process at mines	Not Proposed	Not applicable	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	There is no problem for mineral conservation at the mine site. All the generated ROM sends to the adjacent cement plant.		

8. Environment:

S.N.	Item	Proposals (2023-24)	Actual Work (2023-24)	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Not Proposed	Not applicable	
8b	Concurrent use or storage of topsoil	Not Proposed	Not applicable	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Not Proposed	Not applicable	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	Not applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	Not applicable	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Proposed (Cumulative 400 saplings for past 2 year)	As per approved mining plan	200 saplings have been proposed within the mining lease area for 2023-24. However 7991 and 1020 plantation has been done within and outside the lease area respectively. 24486 plants at the end of the 2023-24
8g	Survival rate	70%	Broadly as per proposals	

8h	Water sprinkling on roads to control airborne dust	Proposed	By using water tanker and sprinklers	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	The aesthetic beauty of the area is largely maintained, except for the land degradation caused by mining. To preserve this beauty, more focus should be placed on planting appropriate saplings with a high survival rate, considering the local climatic conditions around the mine site.		

9. Compliance of Rule 45:

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	AR and MR submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Furnished	A geologist and the mining engineer have been appointed in the mine.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Furnished	1) Covered under current (O-C) Workings= 24.09 ha 2) Occupied by plant, buildings, residential, welfare buildings and roads= 4.12 ha 3) Reclaimed rehabilitated=4.12 ha 4) PMCP work=0.6 ha
9d	Scrutiny of Annual return on afforestation	Furnished	200 saplings have been proposed within the mining lease area. However 7991 and 1020 plantation has been done within and outside the lease area respectively. 24486 plants at the end of the 2023-24.
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Furnished	zero
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Furnished	1) Production of ROM ore at Mine-head= 379782 T 2) Stocks of ROM ore at Mine-head = 5884.73 T
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Furnished	361.36 for cement grade

9i	Scrutiny of Annual return on Fixed assets	Furnished	₹15675110
9k	Scrutiny of Annual return on mining Machineries	Furnished	Type of Machinery: small backhoe, excavators Tipper, Dozer, wheel loader

10- MCDR COMPLINCE PAST AND PRESENT

S.N	Previous date of inspection	22.12.2023	
9b	Violations pointed out in previous inspection	No violation has been pointed out	
9c	Check Compliance status of complied violations		
9d	Pending violations	No violation pending	
9e	Violation Detected And Pointed Out During This Inspection	No violation has been pointed out	

Yours faithfully,

नितिन /Nitin
कनिष्ठ खनन भू-विज्ञानी/Junior Mining Geologist
भारतीय खान ब्यूरो/Indian Bureau of Mines