

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

Mine File No.

Minecode: 38J&K14009

(i)	Name of the Inspecting Officer	Deepak Sharma
(ii)	Designation	Senior Mining Geologist
(iii)	Accompanying mine official with designation	Shaukat Ali Mine Representative
(iv)	Date of Inspection	16/01/2025
(v)	Prev. Inspection date	-

**PART-I: GENERAL INFORMATION**

<b>1</b>	(a)	Mine Name	Quatrang Zantrang Khrew Limestone Mine
	(b)	Registration No.	
	(c)	Category	A-Category
	(d)	Type of Working	Opencast
	(e)	Postal Address	
		State	Jammu and Kashmir
		District	Pulwama
		Village	Quatrang Zantrang
		Taluka/Tehsil	Pampore
		Post Office	Quatrang Zantrang
		Pin Code	190001
		FAX No.	NA
		E-mail	<a href="mailto:hkciptltd@gmail.com">hkciptltd@gmail.com</a>
		Phone	NA
	(f)	Police Station	Quatrang Zantrang
	(g)	First Opening Date	NA
	(h)	Weekly day of rest	-
<b>2</b>		Address for Correspondence	Mohd Sultan Mir
			Village Athwajan
			Tehsil
			District Srinagar
			Jammu and Kashmir 190001
<b>3</b>	(a)	Lease Number	-
	(b)	Lease Area	4.460 Hectare
	(c)	Period of Lease	50 Years
<b>4</b>		Mineral Worked	Limestone

**PART-II: OBSERVATION / COMMENT OF INSPECTING OFFICER**

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**1. Exploration:**

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	5 Nos of core boreholes were proposed to drill on a grid interval of 100 meter	No exploration work was carried out as per the proposal	Violation of 11(1)
1b	Exploration over lease area for Geological axis 1 or 2.	Potential mineralized area is explored up to G1 & G2 level G1-1.1300 hect G2-3.3300 hect	Potential mineralized area is explored upto G1 & G2 level G1-1.1300 hect G2-3.3300 hect	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Proposed	Not mentioned as the exploration not done as per proposal	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Potential Mineralized area is to be explored upto G1 level	Potential Mineralized area needs to explore upto G1-1.1300 hect G2-3.3300 hect	
1e	Balance reserves as on 01.04.2017	111- 1430200 211- 900738 333- 26910	111- 1401200 211- 159000 333- 26910	Units are in tones, Production depleted from last reported AR
1f	General remarks of Inspecting officer on geology, exploration etc.	NA		

**2. Development:**

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	It was proposed to work in the pit E1 in the and preparation of haul road	Working was as per proposal haul road development was done as per proposal	Due to statutory provisions and EC under process mining was not as per the proposal
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Benches of 6 meter was proposed to be prepared and maintained in the mineral	NO benches in OB and Top Soil, only mineral benches are maintained with height of 6-7 meters	No OB and SOIL available in the lease.
2c	Stripping ratio or ore to OB ratio	1:0.00	1:0.00	
2d	Quantity of topsoil generation in m <sup>3</sup>	Nil	Nil	No Soil generated in the reporting

				year
2e	Quantity of overburden generation in m <sup>3</sup>	Nil	Nil	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Due to statutory provisions and EC under process mining was not as per the proposal reported production was the loose material of earlier excavation as per reported by the mine officials.		

### 3. Exploitation:

S.N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	Single Pit Mining were proposed Pit-E1	Single Pit Mining were proposed Pit-E1	As per proposal
3b	Quantity of ROM mineral production proposed	58920 tonnes	29000 tonnes	
3c	Recovery of Salable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Not Proposed	Nil	
3e	Grade of mineral reject generation and threshold value declared	Not Proposed	Nil	
3f	Quantity of sub-grade mineral generation	Not Proposed	Nil	
3g	Grade of sub-grade mineral generation	Not Proposed	Nil	
3h	Manual/Mechanized method adopted for segregation from ROM	Mechanized method	Mechanical method adopted for working in the previous years	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	Nil	
3j	Provision of drilling & blasting in mineral benches	Not Proposed	NIL	
3k	Provision of mining machineries in mineral benches	Use of HEMM was proposed to be used in the mineral benches	HEMM was used for production in the previous years	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Not Proposed	NIL	Mine was temporary closed due to non-availability of approved mining plan.
3m	Total area covered under excavation /pits	0.61	0.58	
3n	Ore to OB ratio for the pit/mine during the year	Not Proposed	NIL	
3o	Total area put in use under different heads at the end of year	Not Proposed	NIL	

3p	Production of ROM mineral during last five-years period, as Applicable	2023-24=58920	2023-24=29000	
3q	General remarks of inspecting officer on method of mining etc	EC under process as reported by the mine officials		

#### 4. Solid Waste Management-Dumping:

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Proposed	Only mineral bench are prepared and maintained	No soil or OB present in the ML area
4b	Location of topsoil, OB & mineral reject dumps	Not Proposed	Nil	
4c	Number of Dumps within lease area and outside lease area	Not Proposed	Nil	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Not Proposed	Nil	
4e	Number of Active & Alive dumps	Not Proposed	Nil	
4f	Number of deed dumps	Not Available	Nil	
4g	Number of dumps established	Not Available	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Not Proposed	Nil	
4i	Length of Retaining wall or garland drain all along dump	Not Proposed	Nil	
4j	Number of settling ponds	Not Proposed	Nil	
4k	Specific commends of inspecting officer on waste dump management	EC under process as reported by the mine officials		

#### 5. Solid Waste Management-Backfilling:

S.N.	Item	Proposals	Actual Work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not Proposed	Full extraction of mineral is not done yet, mineral continuity still exists	
5b	Area under backfilling of mined out area	Not Proposed	No area fully mature for backfilling	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No top soil generated	Nil	

		during the reporting year		
5d	Total area fully reclaimed & rehabilitated	Not Proposed	No area fully mature enough for reclamation program	
5e	General remarks of inspecting officer on backfilling, reclamation etc	EC under process as reported by the mine officials		

## 6. Progressive Mine Closer Plan:

S.N	Item	Proposals	Actual Work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 23E(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	Nil	
	ii) Afforestation done (ha)	0.35	0.32	
	iii) No. of saplings planted during the year	100	110	
	iv) Cumulative no. of plants	220	200	Within and on pvt. land cumulative of previous years
	v) Any other specific method of rehabilitation	Not Proposed	Nil	
	vi) Cost incurred on watch & care during the year	Not Proposed	Nil	
6c	Compliance on reclamation and rehabilitation by backfilling			
	i) Voids available for backfilling (L*B*D)	Not Proposed	Nil	
	ii) Void filled by waste/tailings	Not Proposed	Nil	
	iii) Afforestation on the backfilling	Not Proposed	Nil	
	iv) Rehabilitation by making water reservoir	Not Proposed	Nil	
	v) Any other specific means	Not Proposed	Nil	
6d	Compliance of Rehabilitation of waste land within lease			
	i) Afforestation	Not Proposed	NIL	
	ii) Area rehabilitation	Not Proposed	Nil	
	iii) Method of rehabilitation	Not Proposed	Nil	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Not Proposed	Nil	

6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	NA
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### 7. Mineral Conservation:

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	ROM dispatch is proposed	ROM is being dispatched to cement plant	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not Proposed	ROM is proposed to dispatch to cement plan without any processing	
7c	Different grade of mineral sort out at mine	Not Proposed	Nil	
7d	Any beneficiation process at mines	Not Proposed	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	NA		

### 8. Environment:

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Proposed	As and when generated	
8b	Concurrent use or storage of topsoil	Proposed	As and when generated in plantation	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Proposed	As per proposal	
8d	Use of overburden, waste rock, rejects and fines dump for restoring the land to its original use	Proposed	As and when generated	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	No area matures enough for the process	

8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Proposed	As per approved mining plan	
8g	Survival rate	90%	50%	Due to extreme weather conditions
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	EC under process		

#### 9. Compliance of Rule 45:

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	AR and MR submitted	AR and MR submitted online
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager Mohd Ashraf Baba, Mining Engineer Surinder Prasad Ram	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Furnished	<p><b>Lease area (surface area) utilisation as at the end of year (hectares):</b></p> <p>Under forest Outside forest Total</p> <p>(i) Already exploited and abandoned by opencast (O-C) mining 0.000 0.000 0.000</p> <p>(ii) Covered under current (O-C) Workings 0.000 1.198 1.198</p> <p>(iii) Reclaimed-rehabilitated 0.000 0.000 0.000</p> <p>(iv) Used for waste disposal 0.000 0.000 0.000</p> <p>(v) Occupied by plant, buildings, residential, welfare buildings and roads 0.000 0.000 0.000</p> <p>(vi) Used for any other purpose (specify) 0.000 0.000 0.000</p> <p>(vii) Work done under progressive mine closure plan during the year 0.000 0.107 0.107</p> <p>13. Ownership-exploiting Agency of the mine: (Public Sector-Private Sector-Joint Sector) Private Sector</p>

9d	Scrutiny of Annual return on afforestation	Furnished	<b>Trees planted- survival rate</b> Description Within lease area Outside lease area i) Number of trees planted during the year 100 120 ii) Survival rate in percentage 60 70 iii) Total no. of trees at the end of the year 60 84
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Furnished	NIL
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Furnished	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Furnished	Ex Mine Price 300.00 No Production during the reported year.
9i	Scrutiny of Annual return on Fixed assets	Not Furnished	NIL
9k	Scrutiny of Annual return on mining Machineries	Furnished	<b>Type of Machinery:</b> Give the following information for the types of machinery in use such as hoist, fans, drills, loaders, excavators, dumpers, haulages, conveyors, pumps, etc. Type of machinery Capacity of each type of machinery Unit (in which capacity is reported) No. of machinery Electrical Nonelectrical (specify) Used in opencast underground (specify) AIR COMPRESSOR 10.000 CUM/MN 1 Non Electrical Opencast ROCKER SHOVEL LOADER 1.200 CUM 2 Non Electrical Opencast DUMPER 16.000 TONNE 2 Non Electrical Opencast TIPPER 3.200 CUM 4 Non Electrical Opencast WATER TANKER 12000.000 LITRE 1 Non Electrical Opencast

