

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

Minecode: 38J&K09004

(i)	Name of the Inspecting Officer	Deepak Sharma
(ii)	Designation	Senior Mining Geologist
(iii)	Accompanying mine official with designation	G N Choudhary Geologist
(iv)	Date of Inspection	15.01.2025
(v)	Prev. Inspection date	-

PART-I: GENERAL INFORMATION

1	(a)	Mine Name	Samman Limestone Mine 144.25
	(b)	Registration No.	
	(c)	Category	A-Category
	(d)	Type of Working	Opencast
	(e)	Postal Address	
		State	Jammu and Kashmir
		District	Srinagar
		Village	Samman Khunmoh
		Taluka/Tehsil	Pantha-Chowk
		Post Office	Pantha Chowk
		Pin Code	190004
		FAX No.	NA
		E-mail	Safico 786@yahoo.com
		Phone	NA
	(f)	Police Station	Pantha Chowk
	(g)	First Opening Date	NA
	(h)	Weekly day of rest	-
2		Address for Correspondence	Safico Cements Pvt Ltd
			Opp Post Office Batwara
			Srinagar
			Jammu & Kashmir
			190004
3	(a)	Lease Number	-
	(b)	Lease Area	144.25 hect
	(c)	Period of Lease	50 Years
4		Mineral Worked	Limestone

PART-II: OBSERVATION / COMMENT OF INSPECTING OFFICER

1. Exploration:

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	No exploration proposed in the RY 2023-24	No exploration work carried out in the RY 2023-24	
1b	Exploration over lease area for Geological axis 1 or 2.	Potential mineralized area is explored up to G1 level	Potential mineralized area is explored up to G1 level	As per approved mining plan dated 08.03.2021
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not Mentioned	Nil	No exploration work was carried out in the reporting year.
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Potential mineralized area is explored up to G1 level	Potential mineralized area is explored up to G1 level	
1e	Balance reserves & Resources	111-44950000 121&122-84280000 333-127410000 As per approved mining plan 08.03.2021	111-44224651 121&122-84280000 333-127410000	Reserve and resources updated after depletion of production of last five years
1f	General remarks of Inspecting officer on geology, exploration etc.	No exploration was carried out as per given proposal.		

2. Development:

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	Development was proposed to be done in between 2088-2082 and 2082-2076 MRL	Development work was not as per proposal	NA
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Not proposed	Nil	No soil cover or OB present in the ML area
2c	Stripping ratio or ore to OB ratio	1:1.0	1:1.0	
2d	Quantity of topsoil generation in m ³	Not proposed	No soil generated in the reporting year	No soil cover or OB present in the ML area
2e	Quantity of overburden generation in m ³	Not Proposed	Nil	No soil cover or OB present in the ML area
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	No soil or OB present in the ML area, limestone is exposed in the ML area. Working was as per proposed location.		

3. Exploitation:

S.N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	Single pit was proposed for production	Production was done from the single pit as per proposal	
3b	Quantity of ROM mineral production proposed	230887 tonnes	229984 tonnes	As per submitted annual return
3c	Recovery of Salable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Not Proposed	Nil	No soil cover or OB present in the ML area
3e	Grade of mineral reject generation and threshold value declared	Not Available	Nil	
3f	Quantity of sub-grade mineral generation	Not Available	Nil	
3g	Grade of sub-grade mineral generation	Not Available	Nil	
3h	Manual/Mechanized method adopted for segregation from ROM	Use of HEMM is proposed for development, production and transportation of ROM mineral	HEMM is being used for development, production and transportation of ROM mineral	
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	Proposed	As per proposal	
3k	Provision of mining machineries in mineral benches	Proposed	Use of HEMM is being used in mineral benches for extraction	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed	Proposed bench height and width are suitable for opencast mining	
3m	Total area covered under excavation /pits	19.037	17.767	
3n	Ore to OB ratio for the pit/mine during the year	1:1.0	1:1.0	
3o	Total area put in use under different heads at the end of year	27.97	25.94	
3p	Production of ROM mineral during last five-years period, as Applicable	2021-22=195057 2022-23=224865 2023-24=230887	2019-20=26475 2020-21=129788 2021-22=142448 2022-23=196654 2023-24=229984	Units are in tonnes
3q	General remarks of inspecting officer on method of mining etc.	NA		

4. Solid Waste Management-Dumping:

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Proposed	NO Soil and OB generated in the RY	
4b	Location of topsoil, OB & mineral reject dumps	Proposed	Within the lease area	In the southern part of the ML area in foothills
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)	Proposed	Within the ML area in the foothills	
4e	Number of Active & Alive dumps	Not proposed	Nil	
4f	Number of deed dumps	Not Available	Nil	
4g	Number of dumps established	Not proposed	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Proposed	Along the mine roads	
4i	Length of Retaining wall or garland drain all along dump	Not proposed	Not proposed in the reporting year	
4j	Number of settling ponds	Not Proposed	Nil	
4k	Specific commends of inspecting officer on waste dump management	Retaining walls made all along the mine roads		

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 during the reporting year	Nil	
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	Due to mineral continuity in the ML area backfilling was not proposed.		

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	Not Submitted	
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	Not Proposed	Nil	
	ii) Afforestation done (ha)	0.15	0.26	
	iii) No. of saplings planted during the year	750	1000	
	iv) Cumulative no. of plants	1525	1225	
	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	Due to extreme weather condition in the region survival of the sampling were very low		

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 dispatch for local purchase	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Proposed	ROM is being used in captive cement plant	
7c	Different grade of mineral sort out at mine	Not Proposed	ROM is being used in captive cement plant	
7d	Any beneficiation process at mines	Not Proposed	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Rom is being dispatch to captive cement plant		

8. Environment:

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Proposed	Nil	No soil or OB generated during the RY
8b	Concurrent use or storage of topsoil	NotProposed	No soil generated during the RY	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Not Proposed	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	No area mature 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	70%	50-65%	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	No soil and OB generated during the reporting year.		

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	Furnished	Manager-Dhirendra Prasad Geologist-G N Chaudhry
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Furnished	<p>Lease area (surface area) utilisation as at the end of year (hectares):</p> <p>Under forest Outside forest Total</p> <p>(i) Already exploited and abandoned by opencast (O-C) mining 0.000 18.276 18.276</p> <p>(ii) Covered under current (O-C) Workings 0.000 0.254 0.254</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 0.010 0.010</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 0.150 0.150</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	Trees planted- survival rate

			Description Within lease area Outside lease area i) Number of trees planted during the year 750 1000 ii) Survival rate in percentage 70 70 iii) Total no. of trees at the end of the year 5750 10000
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	Grade-wise Production, Dispatches, Stocks and Ex-mine prices: Grades** Opening stock at mine-head Production Despatches from minehead Closing stock at mine-head Ex-mine price (₹-Tonne) (a) LD Grade (less than 1.5% silica content) 0.000 0.000 0.000 0.000 0.00 (b) SMS 0.000 0.000 0.000 0.000 0.00 (c) BF 0.000 0.000 0.000 0.000 0.00 (d) Chemical 0.000 0.000 0.000 0.000 0.00 (e) Cement 34661.592 229984.408 234388.631 30257.369 297.00
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Furnished	Ex Mine Price-297
9i	Scrutiny of Annual return on Fixed assets	Furnished	Not furnished
9k	Scrutiny of Annual return on mining Machineries	Furnished	Type of Machinery: 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) TIPPER 6.000 CUM 6 Non Electrical Opencast SHOVEL (HYDRAULIC) 0.750 CUM 3 Non Electrical Opencast AIR COMPRESSOR 12.700 CUM/MN 2 Non Electrical Opencast ROCK DRILL (NON-ELEC.) 35.000 MM 2 Non Electrical Opencast ROCK DRILL (NON-ELEC.) 102.000 MM 1 Non Electrical Opencast
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