

**INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

MCDR INSPECTION REPORT

Dehradun regional office

Mine file No : J&K/SGR/LST-1

Mine code : 38J&K09004

- (i) Name of the Inspecting : 002) DAMODAR PRASAD SHARMA
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Mr. G.N Choudhary, Mining Geologist
Official with
Designation
- (iv) Date of Inspection : 22-NOV-22
- (v) Prev.inspection date : 16-MAR-22

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **SAMAN LIMESTONE MINE**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : JAMMU & KASHMIR
District : SRINAGAR
Village : SAMAN, KHOUNMOH
Taluka : SRINAGAR
Post office : PANTHA-CHOWK
Pin Code : 190033
FAX No. :
E-mail :
Phone :
- (f) Police Station :
- (g) First opening date : 22-OCT-96
- (h) Weekly day of rest :
2. Address for : SAIFCO CEMENTS PVT. LTD.
correspondance : OPP.-POST OFFICE BATWARA
SRINAGAR-190004
3. (a) Lease Number : J&K0014
(b) Lease area : 144.25
(c) Period of lease : 30
(d) Date of Expiry : 11-AUG-26
4. Mineral worked :

5. Name and Address of the
Lessee : SAIF-U-DIN GUNA
SRINAGAR JAMMU & KASHMIR
Phone:
FAX :
6. Date of approval of Mining :
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal incorporated	No proposal incorporated	
1b	Exploration over lease area for geological axis 1 or 2	5 Bore Holes was proposed during year 2021-22.	05 Bore holes was carried out during year 2021-22.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	50000/-	50000/-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	As per approved RMP 123.553 ha covered under G-1 and 20.697 ha cover under G-2. .	As per approved RMP 123.553 ha covered under G-1 and 20.697 ha cover under G-2. .	
1e	Balance reserve as on 01/04/20	Balance Reserve as on 01.04.2023 Unde 111 44.95 Milion Tonnes and 122 84.28 Million Tonnes	Balance Reserve as on 01.04.2023 Unde 111 44.95 Milion Tonnes and 122 84.28 Million Tonnes	
1f	General remarks of inspecting officers on geology, exploration etc	Exploration was carried out as per proposals during year 2021-22.	Exploration was carried out as per proposals during year 2021-22.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	Development proposed from 2106 mRl to 2094 mRl with 6 meter height benches.	Development proposed from 2106 mRl to 2094 mRl with 6 meter height benches.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposals incorporated	No proposals incorporated
2c	Stripping ratio or ore to OB ratio	1:00	1:00
2d	Quantity of topsoil generation in m3	Nil	No top soil generated during the year.
2e	Quantity of overburden generation in m3	Nil	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Development was carried out within proposed area.	Development was carried out within proposed area.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	1	
3b	Quantity of ROM mineral production proposed	195057 Tonnes	142448 Tonnes	
3c	Recovery of sailable/usable mineral from ROM production	100%	All ROM Used for cement manufacturing purpose	
3d	Quantity of mineral reject generation	Not Applicable	No Mineral Reject generated during year	

3e	Grade of mineral rejects generation and threshold value declared.	Not Applicable	Not Applicable
3f	Quantity of sub grade mineral generation.	Not Applicable	Not Applicable
3g	Grade of sub grade mineral generation	Not Applicable	Not Applicable
3h	Manual / Mechanised method adopted for segregating from ROM	No proposals incorporated	No proposals incorporated
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No beneficiation study proposed	No beneficiation study was carried out
3j	Provision of drilling and blasting in mineral benches	Proposal incorporated	Proposal incorporated
3k	Provision of mining machineries in mineral benches	1 cum hyadraulic excavator deployed for limestone loading and 9 tonne capacity tipper used for transporation of limestone.	1 cum hyadraulic excavator deployed for limestone loading and 9 tonne capacity tipper used for transporation of limestone.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes
3m	Total area covered under excavation/pits	18.20 ha	18.20 ha

3n	Ore to OB ratio for the pit/mine during the year.	1:00	1:00
3o	Total area put in use under different heads at the end of year	19.03 ha during plan period	19.03 ha during plan period
3p	Production of ROM mineral during the last five year period as applicable	2019-20 183475 Tonnes 2020-21 232975 Tonnes 2021-22 195057 Tonnes	2019-20 26475 Tonnes 2020-21 129788 Tonnes 2021-22 142448 Tonnes

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposals incorporated	No overburden generated during the year	
4b	Location of topsoil, OB and mineral reject dumps	Not Applicable	Not Applicable	
4c	Number of dumps within lease area and outside of lease area	Nil	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not Applicable	Not Applicable	
4e	Number of active and alive dumps.	Nil	Nil	
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	None	None	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposals incorporated	No proposals incorporated	

4i	Length of Retaining wall or garland drain all along dumps	No proposals incorporated	No proposals incorporated
4j	Number of settling ponds	None	None
4k	Specific comments of inspecting officer on waste dump management	No waste Generated in Mine , All ROM used for Cement manufacturing purpose .	No waste Generated in Mine , All ROM used for Cement manufacturing purpose .

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proposals incorporated	No proposals incorporated	
5b	Area under backfilling of mined out area	No proposal incorporated	No proposal incorporated	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	no top soil generated during year 2021-22	no top soil generated during year 2021-22	
5d	Total area fully reclaimed and rehabilitated	No proposals incorporated	No proposals incorporated	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No proposals incorporated in approved mining plan for back filling and reclamation.	No backfilling and reclamation was done in mine during year 2021-22.	

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Submitted	Submitted	
6b	Area available for rehabilitation (ha) .	Not Applicable	Not Applicable	
6c	afforestation done (ha).	0.15 ha	0.15 ha	
6d	No. of saplings planted during the year	750 nos	750 nos	
6e	Cumulative no .of plants	5075 Nos	5075 nos	
6f	Any other method of rehabilitation	Not Applicable	Not Applicable	
6g	Cost incurred on watch and care during the year	20000	20000	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No applicable	No applicable	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No applicable	No applicable	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	No applicable	No applicable	

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No applicable	No applicable
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No applicable	No applicable
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No applicable	No applicable
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No applicable	No applicable
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No applicable	No applicable
6p	Compliance of environmental monitoring (core zone and buffer zone)	Monitored	Monitored
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	PMCP Proposal implemented in mine as per proposals during year 2021-22.	PMCP Proposal implemented in mine as per proposals during year 2021-22.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM used captive purpose for Cement manufacturing.	ROM used captive pourpose for Cement manufacturing.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not Applicable	Not Applicable
7c	Different grade of mineral sorted out at mines.	Not Applicable	Not Applicable
7d	Any beneficiation process at mines .	Not Applicable	Not Applicable
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	All ROM used captive purpose for cement manufacturing.	All ROM used captive purpose for cement manufacturing.

Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposals incorporated	No proposals incorporated	
8b	Concurrent use or storage of topsoil	No proposals incorporated	No proposals incorporated	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposals incorporated	No proposals incorporated	

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposals incorporated	No proposals incorporated
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposals incorporated	No proposals incorporated
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Baseline study done	Baseline study done
8g	Survival rate	70%	60%
8h	Water sprinkling on roads to control airborne dust	Water sprinkling on haul road dust suppression.	Water sprinkling on haul road dust suppression.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Aesthetic beauty maintained except some land degradation.	Aesthetic beauty maintained except some land degradation.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Submitted	Submitted	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Enginner and Geologist Appointed	Mining Enginner and Geologist Appointed
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Information given	Information given
9d	Scrutiny of Annual return on afforestation	Information given	Information given
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No Mineral generated during year 2021-22.	No Mineral generated during year 2021-22.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Information given	Information given
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Return Scrutinized for Ex mine Price and Production Cost, found within limit	Return Scrutinized for Ex mine Price and Production Cost, found within limit
9h	Scrutiny of Annual return on fixed assets	Information given	Information given
9k	Scrutiny of Annual return on mining machineries	Information given	Information given

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on

Date :

(DAMODAR PRASAD SHARMA)

Indian Bureau of Mines