

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

MCDR INSPECTION REPORT

Ajmer regional office

Mine file No : RAJ/AJM-412/WOLLE-357

Mine code : 63RAJ01003

- (i) Name of the Inspecting : **P022**) **PANKAJ KULSHRESTHA**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Shri M.L.Sharma, Rep. of lessee
Official with
Designation
- (iv) Date of Inspection : 08/11/2024
- (v) Prev.inspection date : 05/01/2011

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **CHAURA NIMBERI**
- (b) **Registration NO.** :
- (c) **Category** : A Other Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : RAJASTHAN
- District : AJMER
- Village :
- Taluka :
- Post office :
- Pin Code :
- FAX No. :
- E-mail :
- Phone :
- (f) **Police Station** : BEAWAR
- (g) **First opening date** : 20/11/2007
- (h) **Weekly day of rest** : SUN
2. **Address for** : D46B, C SCHEME
correspondance JAIPUR
3. (a) **Lease Number** : RAJ3035
- (b) **Lease area** : 4.92
- (c) **Period of lease** : 50
- (d) **Date of Expiry** : 19/11/2057
4. **Mineral worked** : WOLLASTONITE Main

5. Name and Address of the

Lessee : SARASWATI MINERALS
D46B, C SCHEME JAIPUR
JAIPUR RAJASTHAN
Phone:
FAX :

Owner : SARASWATI MINERALS
D46 B, MALVIYA NAGAR C
SCHEME JAIPUR BEAWAR
RAJASTHAN
Phone:
FAX :

6. Date of approval of Mining : Fresh under rule 22 MCR1960 27/08/2007
Plan/Scheme of Mining Mining Scheme rule 12 MCDR1988 08/04/2016

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for geological axis 1 or 2	Nil	Nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	1.89 hect.	Nil.	
1e	Balance reserve as on 01/04/20	Total reserves : 573542 T, Total resources : 589469 T	As above	
1f	General remarks of inspecting officers on geology, exploration etc	NA	The mine is not working in full swing. It needs proper exploration with reference to MEMC Rules.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N2893685- N 2893735, E 428172- N 428215 N 2893620- N 2893663, E 427794- E 427885	Yes, as above but with a very low level of production.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate bench of 5 meters height in O/b and in mineral proposed.	The bench height at some places is more than 5 meters.	
2c	Stripping ratio or ore to OB ratio	1:5.22	As above	
2d	Quantity of topsoil generation in m3	Nil	Not applicable	

2e	Quantity of overburden generation in m3	2625 cu.m. during the year 2023-24.	Nil as reported in AR 2023-24
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NA	The mine worked in a month on a very low production. There area total 13 pits in the lease area.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	40474 T proposed during the year 2023-24.	Production of 58.20 tonnes reported during the year 2023-24.	
3c	Recovery of sailable/usable mineral from ROM production	100%	As above	
3d	Quantity of mineral reject generation	No such proposal	Not applicable	
3e	Grade of mineral rejects generation and threshold value declared.	No such proposal	Not applicable	
3f	Quantity of sub grade mineral generation.	No such proposal	Not applicable	
3g	Grade of sub grade mineral generation	NA	Not applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No such proposal	Not applicable	

3j	Provision of drilling and blasting in mineral benches	Yes, short hole blasting proposed.	Yes, as above
3k	Provision of mining machineries in mineral benches	Yes, use of HEMM proposed.	Yes, as above
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, 5 meter bench height proposed.	The bench height is more than 5 meters at some places.
3m	Total area covered under excavation/pits	Total 1.6675 hectares of area proposed to be covered under pits up to 2024-25.	Already exploited and abandoned by opencast (O-C) mining reported as 0.60 hectare in the AR 2023-24.
3n	Ore to OB ratio for the pit/mine during the year.	1:5.22	Mining operations not carried out as per proposal. Instead of 40474 T of yearly production proposed during the year 2023-24 only 58.20 t produced with any overburden removal as reported in the AR 2023-24.
3o	Total area put in use under different heads at the end of year	Already exploited and abandoned by opencast (O-C) mining : 0.60 h, Covered under current (O-C) Workings : 0.57 h, Used for waste disposal : 0.28h, Occupied by plant, buildings, residential, welfare buildings and roads : 0.16h and used for plantation : 0.16 h	As above

3p	Production of ROM mineral during the last five year period as applicable	2019-20: 40560 T 2020-21:39087.5T 2021-22: 40415T 2022-23: 40488.75 T 2023-24:40474 T	2019-20: Nil 2020-21: Nil 2021-22: Nil 2022-23: Nil 2023-24: 58.2 T
3q	General remarks of inspecting officers on method of mining etc.	NA	The mine is not working in a regular mode. At present the method of mining which is O/c ,may be considered as satisfactory.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes separate dumping of o/b and reject proposed.	As above.	
4b	Location of topsoil, OB and mineral reject dumps	It was proposed to excavate 6825 T Ob/IB from 440-435 mRL.	No such excavation carried out during the year 2023-24.	
4c	Number of dumps within lease area and outside of lease area	Total 5 dumps are available in the lease area.	No o/b dumping done during the year 2023-24.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	N2893556- N 2893582; E 427713-E 427759	As above. No dumping done during teh year 2023-25.	
4e	Number of active and alive dumps.	5	As above	
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Yes, proposed.	No work carried out during the year.	
4i	Length of Retaining wall or garland drain all along dumps	42m Rubble stone wall	Nil	

4j	Number of settling ponds	No such proposal	Not applicable
4k	Specific comments of inspecting officer on waste dump management	NA	As the mine worked at a very low production level, the waste dump management may be considered satisfactory.

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.	Full extraction of mineral from mined out area before starting backfiling	Nil	
5b	Area under backfilling of mined out area	Nil	Not applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Yes	Nil	
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	NA	The lease area not matured for backfilling and reclamation.	

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).	Yes	Yes	
6b	Area available for rehabilitation (ha) .	Nil	Not applicable	

6c	afforestation done (ha).	50 saplings in 0.02 hectare of area during the year 2023-24.	Nil
6d	No. of saplings planted during the year	50 saplings	Nil
6e	Cumulative no .of plants	NA	NA
6f	Any other method of rehabilitation	NA	Not applicable
6g	Cost incurred on watch and care during the year	NA	Not available
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	1.6675 hectare	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No such proposal	Not applicable
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	No such proposal	Not applicable
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No such proposal	Not applicable
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No such proposal	Not applicable

6m	Compliance of rehabilitation of waste land within lease (i)afforestation	50 saplings	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No such proposal	Not applicable
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No such proposal	Not applicable
6p	Compliance of environmental monitoring (core zone and buffer zone)	Yes	No such information available
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	NA	During hte year 2023-24 the mine worked on a very low level of production, may be considered as satisfactory.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Total 40474 T of ROM proposed during the year 2023-24.No grade wise sorting within the lease area.	58.20 T of ROM produced during the year 2023-24. No grade wise sorting done within the lease area.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	Nil	
7c	Different grade of mineral sorted out at mines.	NA	Nil	

7d	Any beneficiation process at mines	No such proposal	Not applicable
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	NA	At present, may be considered as satisfactory.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	Nil	
8b	Concurrent use or storage of topsoil	Yes	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes separate dumps proposed for O/b and reject.	No o/b or reject generated during hte year 2023-24.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No such proposal	Not applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No such proposal	Not applicable	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NA	Total number of trees at the end of year reported as 210 (WML) and 60 (OML)	

8g	Survival rate	70% (WML and 10% (OML)	As above
8h	Water sprinkling on roads to control airborne dust	Yes	NA
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	NA	The present status on aesthetic beauty in and around mines area may be considered as satisfactory.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Yes	Yes,	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	No such information available in the AR 2023-24	As above	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Already exploited and abandoned by opencast (O-C) mining : 0.60 h , Covered under current (O-C) Workings : 0.57h, Used for waste disposal: 0.28 h, Occupied by plant, building ,road etc.: 0.16h plantation 0.16 h	As above	
9d	Scrutiny of Annual return on afforestation	Number of trees planted during the year : 300 (WML) and 600 (OML), Survival 70% (WML) and 10% (OML)	No plantation partening to the yea 2023-24 observed in the lease area.	

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No reject generation reported during the year 2023-24 in the mines	As above
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Opening stock 25.95T, production 58.20 T and closing stock 84.15 T reported	Seems to be correct.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex-mine price reported as Rs. 350.00	Seems to be correct.
9h	Scrutiny of Annual return on fixed assets	Information furnished as 0.	As above
9k	Scrutiny of Annual return on mining machineries	Air compressor : 1	No mining machinery observed in the lease area on the day of inspection.

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 :

(PANKAJ KULSHRESTHA)

Indian Bureau of Mines