

INSPECTION DATASHEET For The Year 2024-25**General**

S.N.	Particulars	Details
1	Name of the Mine	Jamuwani Khurd limestone & Dolomite Mine
	Date of Inspection:	26/06/2024
	Name of Inspecting Officer	Shri Raghbir Sharan Garg, ACOM
2	Total Lease Area (Ha) with breakup of non-forest and forest land	7.89 Hect.
3	Mine code	38MPR47024
4	IBM Registration Number under rule 45 of MCDR,1988	Reg. No. IBM/1171/2011
5	Last Inspection Details	Insp. officer – Shri Raghbir Sharan Garg. ACOM Date of Insp. – 13/06/2023 V. Letter dated 21/06/2023 for rule – 11(1),12(4) &45(7) Reply letter dated 03/08/2023 Compliance considered on 05/09/2023 on all the pointed out rules such as 11(1),12(4) & 45(7)
6	Mine official present during the inspection	Shri Ramashish Kumar, Mining Engineer of the mine and Shri Arvind Kumar Tamrakar, Part time Geologist of the mine.
7	Name of the Lease, Address, Phone, email and fax no	M/s S.N.S.(Minerals) Pvt. Ltd. Sunderson House, NH7, Rewa Road Maihar District Maihar (MP) 485771. Phone No. 08435802174 Fax No. 7674-232580 Email snsahr@gmail.com
8	Village	Jamuwani Khurd
9	Taluka/Mandal	Vijayraghogarh
10	District	Katni
11	Pin code	
12	State	Madhya Pradesh
13	Post Office	Jamwani
14	Nearest Police Station	Kymore
15	Nearest Railway Station	Katni
16	Date of Grant of Mining Lease	14/09/1982
17	Date of Execution	14/09/1982(lease period upto 13/09/1992-10 years lease period.
18	Date of opening of Mine	September,1982
19	Date of First Renewal, if applicable and its period & expiry	23/09/1992 period 10 years from 14/09/1992 to 13/09/2002
20	Date of Second Renewal, if applicable and its period & expiry	18/06/2012 period 20 years from 14/09/2002 to 13/09/2022
21	Date of third Renewal, if applicable and its period & expiry	16/08/2021 period 10 years from 14/09/2022 to 13/09/2032
21	Date of submission of renewal application if Mining Operations are continuing under deemed extension	2 nd renewal application dated 30/04/2001
22	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Nominated Owner : Shri S.P.Tiwari Address : M/s S.N.S.(Minerals) Pvt. Ltd. Sunderson House, NH-7, Rewa Road Maihar

1/35333/2024		District Maihar (MP) 485771. Phone No. 08435802174 Fax No. 7674-232580 Email snsmhr@gmail.com Date of Appointment: 01/12/2020
	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Agent- Shri S.P.Tiwari, M/s S.N.S.(Minerals) Pvt. Ltd. Address, Phone no., Fax no., date of appointment and Email address:-As stated above. Date of Appointment: 01/12/2020
23	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	M. Manager Shri Ramashish Kumar, Address: M/s S.N.S.(Minerals) Pvt. Ltd. Sunderson House, NH-7, Rewa Road Maihar District Maihar (MP) 485771. Phone: 8435800950 Email: snsmhr@gmail.com Fax: 7674-232580 Date of Appointment: 01/05/2024
25	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri Ramashish Kumar, as Mining Engineer Address,Phone: No.,Fax No. & email address As stated above Date of Appointment: 01/05/2024
26	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes, Geologist- Shri Arvind Kumar Tamrakar, Msc(Geo), Part time Date of appointment -01/02/2017 M.Engineer-Shri Ramashish Kumar, BE(Mining Engineering)
27	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	1. 11/11/2008(MP) Period 2008-09 to 2012-13 2. 02/05/2014(Mod.MP) period 2014-15 to 2017-18 3. 15/01/2018(Mod.MP) period 2018-19 to 2022-23 (upto 13/09/2022)
28	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	1. 05/05/2014(SOM) period 2014-15 to 2017-18 2. 26/08/2022(RMP) period 2022-23 2026-27
29	Mineral(s) granted in lease and approved for Mining	Limestone and Dolomite
30	Method of Mining (Opencast, Underground)	Open cast
	Category (Fully Mechanized, Others or Manual)	Fully Mechanised
	Captive/Non-Captive	Non-Captive

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	None	NA	Already entire mineralized area explored under G1 level before the year under review i.e. 2022-23.
1b	Exploration over lease area for Geological axis 1 or 2.	Not proposed	Entire lease area was considered explored under G1 level based on additional exploration carried out in year 2022-23	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	NOT proposed.	NOT applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	NOT proposed.	NOT applicable	
1e	Balance reserves as on 01.04.2024	122-1952615 tone	122- 1954108 tone	

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1f	General remarks of Inspecting officer on geology, exploration etc.	Entire lease area had been considered under G1 level after carrying out of additional exploration in year 2022-23. Based Additional exploration reassessment of reserves had not been carried out. Violation of rule 12(4B) has been pointed out through violation letter dated 01/07/2024.	

Development

S.N	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	N 2666470 – N 2686350 E 469650 – E 469840	N 2666470 – N 2686370 E 469650 – E 469840	Deviation regarding height of mineral bench point out through violation of rule 11(1) vide letter dated 01/07/2024
2b	Separate benches in top soil overburden and mineral (Rule 15)	1. Soil bench 1 no. of 2m height 2. OB bench 1 no of 2m height 3. Lst benches 3 no of 6m height	Soil and OB benches were observed as per proposal whereas in mineral upper bench was found almost merged with lower bench resulting height of benches increased from 6m to 10m at some places.	
2c	Stripping ratio or ore to OB ratio	1:0.21	1:0.21	
2d	Quantity of top soil generation in m ³	21000	18000	
2e	Quantity of overburden generation in m ³	12800	12500	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Although, height and width of different benches in top soil was found slightly lagging whereas overburden bench was found advanced as per approved proposal. Pit orientation observed as per approved proposals. Pit is found developed for achieving the envisaged production.		

Exploitation

S.N	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	01	01	-
3b	Quantity of ROM mineral production proposed (2023-24)	199993 tones ROM	ROM-198500 tone	-
3c	Recovery of Salable/usable mineral from ROM production	199993 tones, 100%	ROM-198500 tone, 100%	-
3d	Quantity of mineral reject generation	Nil	Nil	-
3e	Grade of mineral reject generation and threshold value declared	Nil	Nil	-
3f	Quantity of sub-grade mineral generation	Nil	Nil	-
3g	Grade of sub-grade mineral generation	Nil	Nil	-
3h	Manual/Mechanized method adopted for segregation from ROM	Not proposed	Not required	Entire ROM is salable.
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	Nil	
3j	Provision of drilling & blasting in mineral benches	Drilling & blasting will be done as per parameter : As per proposal (Spacing Burden	As per proposal	

I/35333/2024		Depth) 2.5X2.0mX2.9m including sub grad drilling. 80mm dia of holes		
3k	Provision of mining machineries in mineral benches	Rock drill 01 no. Excavator: 02 no. Transportation: Dumpers 09 nos. water tanker 01 no.	Rock drill 01 no. Back hoe: 02 no. Transportation: Dumpers 04 nos. water tanker 01 no.	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	In mineral at some places height of benches found increased up to 10m However, in top soil and in OB benches were observed as per approved proposal.	Deviation pointed out through violation of rule 11(1).
3m	Total area covered under excavation /pits	3.29 Hectare	About 3.0 Hectare out of which about 0.59hect area had been reclaimed and rehabilitated as per approved proposal.	-
3n	Ore to OB ratio for the pit/mine during the year	1:0.21	1:0.21	-
3o	Total area put in use under different heads at the end of year	5.23 Hectare	About 4.0hect	-
3p	Production of ROM mineral during the last five-year period as applicable	2019-20	199990	199000
		2020-21	199418	199400
		2021-22	199948	199000
		2022-23	198236	167000
		2023-24	199993	198500
3q	General remarks of inspecting officer on method of mining etc	Open cast mechanised mine working proposed by using Excavator/JCB & dumper combination with drilling & blasting.		

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of top soil, OB & mineral reject (Rule 32,33)	Separate dumping of topsoil & OB proposed Mineral reject generation not envisaged	Separate dumping of topsoil & OB maintained	
4b	Location of topsoil, OB & mineral reject dumps	Top soil at & OB dump proposed at -N2666230 to N2666300 and E469720 to E469760 and & OB dump proposed at -N2666230 to N2666300 and E469770 to E469880	As per proposal top soil and OB are dumped as per approved proposal	Top soil partly untiled in plantation purpose.
4c	Number of Dumps within lease area and outside lease area	Two dumps (one top soil and other OB) within the lease area & outside	Two dumps present within the lease area outside lease area- Nil	

1/35333/2024		lease area-Nil		
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Both the dumps are within UPL	Dump are located as per approved proposal.	After reaching at ultimate pit depth accumulated waste dumps will be rehandled & utilised in backfilling of mined out area, it will be shifted
4e	Number of Active & Alive dumps	Active-2 Inactive-Nil	Active-2 Inactive-nil	
4f	Number of dead dumps	Nil	Nil	Nil
4g	Number of dumps established	Nil	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there	Not Proposed	NA	
4i	Length of Retaining wall or garland drain all along dump	Not proposed	NA	
4j	Number of settling ponds	nil	01	-
4k	Specific commends of inspecting officer on waste dump management	Only there are two dumps lies within UPL. After reaching at UPL depth it will be rehandled and utilized in backfilling of mined out area.		

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	As per approved proposal Top soil and OB both are dumped on the proposed site.	Nil
5b	Area under backfilling of mined out area	Not proposed	Not Applicable	None
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed	NA	Nil
5d	Total area fully reclaimed & rehabilitated	Not Proposed	NA	Nil
5e	General remarks of inspecting officer on backfilling, reclamation etc.	Area not matured for backfilling and reclamation. Only reclamation / backfilling of old excavation in 7.5m barrier zone carried out as per approved proposal in year before the reviewing year.		

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		PMCP report and UAV survey (KML	Drone data found submitted

1/35333/2024	should be given in the format as given in Annexure-20		file) not found attached with the AR,2023-24	on IBM Portal. About PMCP report it is assured that the same will be sent very soon by email .
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	Not specified	NA	-.
	ii) Afforestation done (ha)	Not proposed	NA	
	iii) No. of saplings planted during the year	Not proposed	NA	
	iv) Cumulative no. of plants	Not proposed	NA	
	v) Any other specific method of rehabilitation	NA	NA	Nil
	vi) Cost incurred on watch & care during the year	Not proposed.	NA	Nil
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L*B*D) ii) Void filled by waste/tailings iii) Afforestation on the backfilling iv) Rehabilitation by making water reservoir v) Any other specific means	Not proposed Not proposed Not proposed Not proposed Not proposed	NA NA NA NA NA	None
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	150 No 0.15 plantation	150 no. 0.15 Plantation	Green belt area.
6e	Compliance of Environment monitoring (core zone & buffer zone)	Yes	Yes	Nil
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Periodic monitoring is being carried out by outsourced consultant.		

Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Dispatch proposed without any sorting/ screening at mine site	As per approved proposal.	Nil

1/35333/2024	7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not proposed	Not required.	Nil
	7c	Different grade of mineral sort out at mine	Cement Grade	Cement grade	-
	7d	Any beneficiation process at mines	NA	Nil	Nil
	7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	There is no issue related with mineral conservation.		

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Not Proposed	As per proposal	Partly top soil utilized for plantation purpose.
8b	Concurrent use or storage of topsoil	Not Proposed	As per proposal	Nil
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	There is proposal for separate dumping of OB/ mine waste whereas mineral reject generation not envisaged.	As per proposal	None
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed.	As per proposal	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	As per proposal	Nil
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Not specified	Plantation done in the lease area	
8g	Survival rate	80%	90%	Nil
8h	Water sprinkling on roads to control airborne dust	Water sprinkling is proposed by water tanker	Regular water sprinkling is done by water tanker	Water is required for dust suppression
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Aesthetic beauty in and around mine area is moderate and needs further improvement.		

Compliance of Rule 45

S.N .	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	MR of May-24 and AR of 2023-24	MR as well as AR for 2023-24 found submitted.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Name of the Mining Engineer: Shri Ramashish Kumar	Shri Ramashish Kumar accompanied to inspecting officer during inspection.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use as per Annual return 2023-24 Currant working: 2.13ha. OB/waste dump: 0.15 ha. Occupied by plant .. etc. 0.10 Green Belt: 0.2 ha. Progressive mine closure plan-0.59hect.	Reporting of land use pattern observed on lower side particularly in account of current working. Matter discussed with the mining engineer.
9d	Scrutiny of Annual return on Afforestation	Afforestation as per AR 150saplings planted in the lease area with survival rate of 80%.	OK
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	No any mineral reject generated during the year.	OK
9f	Scrutiny of Annual return on ROM stock and/or grade ore	ROM closing stock - Nil Graded limestone- 17559.37tone	As per MR of May,24 cement grade mineral stock was 11718tone which was verified during inspection.
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex mine Price & sale value both are: Rs.431/98- per ton, Cost of production = Rs. 205/56-per tone	OK
9i	Scrutiny of Annual return on Fixed assets	Fixed assets – Rs. 9282988 /-	OK
9k	Scrutiny of Annual return on mining Machinerries	Bac Hoe-2(1.0cum bucket capacity) DUMPER 16 TONNE - Four PUMPS (NON-ELEC.) - One	

I/35333/2024

Details of Validations observed during current inspection and compliance position of earlier violation pointed out:-

1. Rule 11(1) letter dated 01/07/2024
2. Rule 12(4B) letter dated 01/07/2024
3. Rule 31(4) letter dated 01/07/2024
4. Based on previous inspection violation of rule 11(1),12(4) and 45(7) were pointed out vide VL dated 21/06/2023. Based on reply dated 03/08/2024 compliance on pointed out rules considered on 05/09/2023

Date: 09/07/2024

Name:- Raghbir Sharan Garg
Designation: Assistant Controller of Mines