

MCDR INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1	Name of the inspecting officer	J.S. Hada, AMG
2	Date of Inspection	11.9.2017
3	Accompanying mine official	Shri Dilip Chaturvedi, owner's Representative, & Shri Navin Tamrakar, Geologist
4	Name of the Mine	Sahegoan Limestone Mine
5	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total 4.318 Ha Non forest land
6	Minecode	38CHG05025
7	IBM Registration Number under rule 45 of MCDR, 1988	IBM / 21126 / 2017
8	Name of the lessee, Address, phone, email and fax number	Smt. Suman Singh 40, Old Nehru Nagar, Bhilai, Durg (C.G.)
9	Village	Sahegoan
10	Taluka/Mandal	Dhamdha
11	District	Durg
12	Pincode	490036
13	State	Chhattisgarh
14	Post office	Nandini-Khundini
15	Nearest police station	Nandini Nagar
16	Nearest Railway station	Durg
17	Date of Grant of Mining Lease	18/05/2016
18	Date of Execution	18/05/2016
19	Date of opening of Mine	25/01/2017
20	Date of first Renewal, if applicable and its period & expiry	N.A.
21	Date of second Renewal, if applicable and its period & expiry	N.A.
22	Date of submission of renewal application if Mining	N.A.

	Operations are continuing under deemed extension	
23	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	N.A. -
24	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	-
25	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	-
26	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	None
27	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Violation issued.
28	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	23/11/2012, Five year period: 2016-17 to 2020-21.
29	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Not yet due
30	Mineral(s) granted in lease and proved for mining	Limestone
31	Method of Mining(Open cast, Underground)	Open Cast
32	Category (Fully Mechanised, Others or Manual)	A (OTFM)
33	Captive/Non Captive	Non Captive

34	FA Status	10,00,000/- valid up to 31.3.2021
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Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. –

Exploration

SN	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	3 boreholes	
1b	Exploration over lease area for Geological axis 1 or 2.	2 B.H.	Not yet done	To be completed during this year
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Lessee, Rs 1,25,000/-	Not yet done	To be completed during this year
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserves as on 01.04.2017		121 – 4,40,946 122 – 3,55,875 221 – 1,82,617 222 – 4,96,875	
1f	General remarks of inspecting officer on geology, exploration etc.	Nil		

2.0 Development

SN	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	North Side	North Side	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	2 Benches 1 – OB 2 – L/S	2 Benches 1 – OB 2 – L/S	
2c	Stripping ratio or ore to OB ratio	1:5	Production so far – 600 t for the year 2016-17	
2d	Quantity of topsoil generation in m3	22350 m ³	33750 m ³	

2e	Quantity of overburden generation in m3	Nil	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Nil		

3.0 Exploitation

	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	1	1	
3b	Quantity of ROM mineral production proposed	10500 MT	600 MT till Aug-17	Year 2017-18
3c	Recovery of salable/usable mineral from ROM production	N.A.	N.A.	
3d	Quantity of mineral reject generation	0	0	
3e	Grade of mineral reject generation and threshold value declared	Cement Grade	Cement Grade	
3f	Quantity of sub-grade mineral generation	0	0	
3g	Grade of sub-grade mineral generation	N.A	N.A	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	Mechanised	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	None	NA	
3j	Provision of drilling & blasting in mineral benches	Jack, Hammer, Drill m/c	Jack, Hammer, Drill m/c	
3k	Provision of mining machineries in mineral benches	Excavator, Tipper	Excavator, Tipper	

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	OB – 3m Mineral – 3m	OB – 3m Mineral – 3m	
3m	Total area covered under excavation/pits	0.745 H	1.357 H	Only OB has been removed for next year proposal
3n	Ore to OB ratio for the pit/mine during the year	1:5	NA	
3o	Total area put in use under different heads at the end of year	Workings -1 ha	Workings -1 ha	
3p	Production of ROM mineral during last five-year period, as applicable	2016-17 – 10500mt 2017-18 – 15000mt	600 t	Till August 2017
3q	General remarks of inspecting officer on method of mining etc.	Nil		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	-	Being done	
b	Location of topsoil, OB & mineral reject dumps	South–West	South-West	
4c	Number of dumps within lease area and outside lease area	01 within lease area	01 within lease area	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	South-West	South-West	
4e	Number of active & alive dumps	01	01	
4f	Number of dead dumps	Nil	Nil	
4g	Number of dumps stabilised	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	-	Temporary dump	
4i	Length of Retaining wall or garland drain all along	-	-	

	dump			
4j	Number of settling ponds	Nil	Nil	
4k	Specific comments of inspecting officer	Nil		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	None	NA	
5b	Area under backfilling of mined out area	NA	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Nil	NA	
5d	Total area fully reclaimed & rehabilitated	Nil	NA	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Nil		

6.0 Progressive Mine Closure Plan

SN	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.		Not submitted	Violation issued
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year	Nil Trees 50	NA Trees 1000	

	iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year			
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	Nil	NA	

d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Nil	NA	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	-	-	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Nil		

7.0 Mineral Conservation

SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM	ROM	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NA	NA	
7c	Different grade of mineral sorted out at mines	NA	NA	
7d	Any beneficiation process at mines	NA	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Nil		

8.0 Environment

SN	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes	Being done	
8b	Concurrent use or storage of topsoil	South-West Stock	South-West Stock	

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Nil	1000 saplings planted	
8g	Survival rate	-	75%	
8h	Water sprinkling on roads to control airborne dust	Nil	NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Nil		

9.0 Compliance of Rule 45

S.N.	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	MR 2017-18 and AR for the year 2016-17 being submitted online.	

S.N.	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil	Not appointed	Violation issued
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Workings – 1 ha	Workings – 1 ha	
9d	Scrutiny of Annual return on afforestation	1000 saplings planted	1000 saplings planted	

9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	0	0	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	0	0	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	No production	Nil	
9i	Scrutiny of Annual return on fixed assets	Value of fixed assets Rs 1573593/-	Value of fixed assets Rs 1573593/-	
9k	Scrutiny of Annual return on mining machineries	Shovels- 2	Shovels -2	

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

This is the first inspection of the mine. Violation of Rule 26(2), and 55 MCDR 2017 issued.

(J.S. Hada)
Assistant Mining Geologist