

MCDR INSPECTION REPORT

General

S. No.	Particulars	Details
N. 1	Date of Inspection	22.11.2016
1	Name of the Mine	Sahegaon
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	4.82 ha. Pvt. Agr. Land
3	Minecode	38CHG05021
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/7042/2011
5	Name of the lessee, Address, phone, email and fax number	Smt. Lalmati Singh, E.W.S-93, Vashali Nagar, Bhilai Mob.-9827163421, 9827116923 E mail-rstc12@gmail.com
6	Village	Sahegaon
7	Taluka/Mandal	Dhamda
8	District	Durg
9	Pincode	490023
10	State	CG
11	Post office	Medesara
12	Nearest police station	Nandini Kundini
13	Nearest Railway station	Durg, Bhilai Power Plant
14	Date of Grant of Mining Lease	
15	Date of Execution	29.05.2012
16	Date of opening of Mine	1.4.2014
17	Date of first Renewal, if applicable and its period & expiry	30 years, expiry on 28.5.2042
18	Date of second Renewal, if applicable and its period & expiry	NA
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Mob.-9827163421, 9827116923 E mail-rstc12@gmail.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	-
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Santosh Singh, Qtr. 4G, Street no. 38, Zone -2, sector- 11, Bhilai. E mail- santoshsingh2009@gmail.com
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Santosh Singh, Qtr. 4G, Street no. 38, Zone -2, sector- 11, Bhilai. E mail- santoshsingh2009@gmail.com
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	-
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan approved for the year 2014-15 to 18-19 on 30.12.2010, under rule 22 of MCR 1960
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	NA
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining (Opencast, Underground)	OC

29	Category (Fully Mechanised, Others or Manual)	manual
30	Captive/Non Captive	Non captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

Exploration

SN	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	5 Bore hole	5 Bore hole	5 bore holes
1b	Exploration over lease area for Geological axis 1 or 2.	Whole area	Whole area	drilled as per proposal Form 3 submitted to IBM.
1c	Exploration Agency & Expenditure in lakh Rupees during the year	-	Sidharth Geoconsultancy Services Ltd.Raipur, Rs. 8 Lakh	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil		
1e	Balance reserves as on 01.04.2013...	111- 146718 t. 122- 465,000 t.		Reserve as per approved document
1f	General remarks of inspecting officer on geology, exploration etc.			

Development

SN	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area		In NE part of the lease area	Mine is open in the year 2014 and one pit development work is under process.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	OB-1 bench Ore-1 bench	Soil-1 Ore-1 1:0.5	
2c	Stripping ratio or ore to OB ratio			
2d	Quantity of topsoil generation in m3	12000 cum	31800t	
2e	Quantity of overburden generation in m3	-	-	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.			

Exploitation

SN	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	1	1	
3b	Quantity of ROM mineral production proposed		11,670t ✓	
3c	Recovery of salable/usable mineral from ROM production		11555 t	

SN	Item	Proposals	Actual work	Remarks
3d	Quantity of mineral reject generation	Nil	Actual work nil	No sub grade generation
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 / Mechanised method adopted for segregating from ROM	Crushing plant	Crushing , grinding	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	nil	NA	
3j	Provision of drilling & blasting in mineral benches	Jack hammer drilling	Jack hammer drilling	
3k	Provision of mining machineries in mineral benches	Compressor, jack hammer, JCM	Compressor, jack hammer, JCB	
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	-	70x35x6 mt.	
3n	Ore to OB ratio for the pit/mine during the year	-	1:0.5	
3o	Total area put in use under different heads at the end of year	-	Pit-14700 sqm.	
3p	Production of ROM mineral during last five-year period, as applicable	-	2014- 15 -NIL 2015-16-11670t	
3q	General remarks of inspecting officer on method of mining etc.		One small pit open with 2 bench	

Solid Waste Management-Dumping

SN	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	In BZ	Soil in Barrier Zone	
4b	Location of topsoil, OB & mineral reject dumps	Barrier zone	In Barrier Zone	
4c	Number of dumps within lease area and outside lease area	NIL	NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	-	NIL	
4e	Number of active & alive dumps	NIL	NIL	
4f	Number of dead dumps	NIL	NIL	
4g	Number of dumps stabilised	NA	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there	NIL	NA	
4i	Length of Retaining wall or garland drain all along dump	NIL	NA	
4j	Number of settling ponds	NIL	NA	
4k	Specific comments of inspecting officer on waste dump management		No waste generated, Only soil generated which dump in the barrier Zone and planted with Tur.	

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	-	NIL	
5b	Area under backfilling of mined out area	-	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	-	NIL	
5d	Total area fully reclaimed & rehabilitated	-	NIL	
5e	General remarks of inspecting officer on backfilling, reclamation etc		Mine is just opened and start working in the year 2014, hence no reclamations work carried out	

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.	-	Mine under production in last one year	
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 iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	--	Plantation of Tur hub all along the barrier zone.	
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	NIL	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	NIL	NIL	
6e	Compliance of Environmental monitoring (core zone & buffer zone)		Monitoring station are there	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations		No PMCP work carried out, only plantation along the lease boundary	

Mineral Conservation				
SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	-	Crushing and grinding	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Crushing and grinding	Screening in different sizes.	
7c	Different grade of mineral sorted out at mines	NIL	No grade wise sorting	
7d	Any beneficiation process at mines	NIL	No	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues		ROM mineral crush and grinded in different sizes.	

Environment				
SN	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes	Soil removed and stacked seperately	
8b	Concurrent use or storage of topsoil	-	For plantation	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NIL	NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	-	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	-	NIL	
8f	Baseline information on existence of plantation & additional plantation	-	Plantation along the lease boundary	
8g	Survival rate	-	90%	
8h	Water sprinkling on roads to control airborne dust	-	yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Plantation of Tur hub all along the barrier zone.	

Compliance of Rule 45			
SN	Item	Comments	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted upto ----- ----- A.R. submitted upto ----Not sumitted----- -----	

SN	Item	Details given in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	-	NA	As Monthly Return & Annual Returns are not submitted it has not scrutinized
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed	-		

	area, dumps etc.		
9d	Scrutiny of Annual return on afforestation	-	NA
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	-	NA
9f	Scrutiny of Annual return on ROM stock and/or graded ore	-	NA
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	-	NA
9i	Scrutiny of Annual return on fixed assets	-	NA
9k	Scrutiny of Annual return on mining machineries	-	NA

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

Issued Violation for rule 45(5) and 45(7) of MCDR 1988 on non submission of Monthly Return from April 2014 and Non submission of Annual Return from 2014-15 and 2015-16 along with rule 46 of MCDR+



(Anil Dalal)
Assistant Mining Engineer