

**MCDR INSPECTION****General**

<b>SN</b>	<b>Particulars</b>	<b>Details</b>
	<b>Date of Inspection</b>	<b>13.01.2016</b>
1	Name of the Mine	Gowari Wadma
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	8.776 Non forest
3	Minecode	40MPR08003
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/11435/2012
5	Name of the lessee, Address, phone, email and fax number	M/s. Chhindwara Mines & Minerals
6	Village	Gowari Wadona
7	Taluka/Mandal	Sausar
8	District	Chhindwara
9	Pincode	480108
10	State	Madhya Pradesh
11	Post office	Khairitaigaon
12	Nearest police station	Lodhikheda
13	Nearest Railway station	Nagpur
14	Date of Grant of Mining Lease	16/05/2007
15	Date of Execution	15/03/2007
16	Date of opening of Mine	02.08.2008
17	Date of first Renewal, if applicable and its period & expiry	16/05/2007 to 15.05.2027
18	Date of second Renewal, if applicable and its period & expiry	NIL
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NIL
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	M/s. Anu Kohli, L-1/9 Haus Khas Enclave, New Delhi 110016, Mo.9810079291
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Mr Muksh Singh, C/o V.S.Balki, Mahajan Layout, House No. 545, Saoner, Nagpur. Mo-7748901500
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri S.B. Lokhande Dr. Ambedkar Ward, Pandharkawada-445302, Distt. Yaotmal, Maharashtra 9179014136
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri Neraj Shrivastava, Purva Samarth Nagar, Murmadi Distt. Bhandara
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 was approved vide letter No. CHW/MN/951/MP-07 15.03.2007
26	Date of Approval of Scheme of Mining/	Scheme of Mining was approved vide letter No.

SN	Particulars	Details
	Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	CHW/MN/951/MP-07 18/02/2014 for 2013-14 to 2017-18
27	Mineral(s) granted in lease and proved for mining	Manganese
28	Method of Mining (Opencast, Underground)	Open Cast
29	Category (Fully Mechanised, Others or Manual)	Other
30	Captive/Non Captive	Non Captive

### Exploration

SN	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	3.6 Hect	3.25 Hect	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	M/s. Chhindwara Mines Pvt Ltd		
1d	Balance area to be explored to bring Geological axis in 1 or 2	0.45 Ha	0.45 Ha	
1e	Balance reserves as on 01.04.2015	38754 MT	38754 MT	
1f	General remarks of inspecting officer on geology, exploration etc.	Nil		

### Development

SN	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	Northeast, Southwest and Lateral	Northeast, Southwest and Lateral	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	09	07	
2c	Stripping ratio or ore to OB ratio	1:7.5	1:15	
2d	Quantity of topsoil generation in m3	-		
2e	Quantity of overburden generation in m3	87410 m3	111815 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	01	01	
3b	Quantity of ROM mineral production proposed (2014-	38745	10064	

SN	Item	Proposals	Actual work	Remarks
	2015)			
3c	Recovery of salable/usable mineral from ROM production (2014-2015)	20070 MT	7189.905	
3d	Quantity of mineral reject generation (2014-2015)	7821MT	2879.095 MT	
3e	Grade of mineral reject generation and threshold value declared			
3f	Quantity of sub-grade mineral generation (2014-2015)			
3g	Grade of sub-grade mineral generation	720%		
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No	No	
3j	Provision of drilling & blasting in mineral benches	Yes		
3k	Provision of mining machineries in mineral benches	Yes		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes		
3m	Total area covered under excavation/pits	3.25 Hect	3.25 Hect	
3n	Ore to OB ratio for the pit/mine during the year	1:7.5	1:8	
3o	Total area put in use under different heads at the end of year	3.003 Ha	3.003 Ha	
3p	Production of ROM mineral during last five-year period, as applicable 2013-15	--	--	
3q	General remarks of inspecting officer on method of mining etc.	Nil		

### **Solid Waste Management-Dumping**

SN	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject(Rule 32, 33)	Yes	Yes	
4b	Location of topsoil, OB & mineral reject dumps	North east	North east	
4c	Number of dumps within lease area and outside lease area	WLA 4 dumps	WLA 4 dumps	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	North east	North east	

SN	Item	Proposals	Actual work	Remarks
4e	Number of active & alive dumps	2	1	
4f	Number of dead dumps	4	3	
4g	Number of dumps stabilised	3	3	
4h	Whether Retaining wall or garland drain all along dumps are there	Yes	Yes	
4i	Length of Retaining wall or garland drain all along dump	1260 m	1260 m	
4j	Number of settling ponds	1	1	
4k	Specific comments of inspecting officer on waste dump management	Nil		

**Solid Waste Management-Backfilling-**

SN	Item	P-roposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	3.25 hect	3.25 hect	
5b	Area under backfilling of mined out area	3.25 hect	3.25 hect	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	-	-	
5d	Total area fully reclaimed & rehabilitated	-	-	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Nil		

**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.	-	-	
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	- - -	- - -	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (Lx Bx D)	-		

SN	Item	Proposals	Actual work	Remarks
	ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	- - -		
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation			
6e	Compliance of Environmental monitoring (core zone & buffer zone)			
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations			

### Mineral Conservation

SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	WLA	WLA	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Manual	
7c	Different grade of mineral sorted out at mines	Yes	Yes	
7d	Any beneficiation process at mines	No	No	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Nil		

### Environment

SN	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No	No	
8b	Concurrent use or storage of topsoil	No	No	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	Yes	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No	No	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No	No	
8f	Baseline information on existence of plantation & additional plantation	!00 Nos.	80	
8g	Survival rate	80%	80%	
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Nil		

**Compliance of Rule 45**

SN	Item	Comments	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted upto Dec 2015 A.R. submitted upto 2014-15	

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	Mining Engineer, Geologist (Part Time) and Mines Manager Employed		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Given		
9d	Scrutiny of Annual return on afforestation			
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	1820.56 MT 10% Reject		
9f	Scrutiny of Annual return on ROM stock and/or graded ore			
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Sale value 5000/- PMT, Cost of Production Rs 3774/-		
9i	Scrutiny of Annual return on fixed assets	Nil		
9k	Scrutiny of Annual return on mining machineries	Not given		

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

Violation 45(5) was observed and communicated to the party vide letter No. MP/CHW/MN-31 dated 28.01.2016 most of the in annual Return kept unfilled.

**Date 04.02.2016**

**(S.M.Dorle)**  
**Asstt Mining Engineer**  
**(Name of inspecting officer**  
**with designation and date**