

MCDR INSPECTION REPORT 2016-17

General

S. N.	Particulars	Details
1	Name of the Mine	Gunjewahi Iron Ore Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Private Land - 15.07 Hect. Total 15.07 Hect.
3	Mine code	30MSH 08001
4	IBM Registration Number under rule 45 of MCDR, 1988	314/30MSH08001
5	Name of the lessee, Address, phone, email and fax number	M/Gahra Minerals
6	Village	Gunjewahi
7	Taluka/Mandal	Sindhewahi
8	District	Chandrapur
9	Pin code	--
10	State	Maharashtra
11	Post office	Pathri
12	Nearest police station	--
13	Nearest Railway station	--
14	Date of Grant of Mining Lease	-
15	Date of Execution	
16	Date of opening of Mine	-
17	Date of first Renewal, if applicable and its period & expiry	-
18	Date of second Renewal, if applicable and its period & expiry	-
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	-
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	M/s Gahra Minerals , Habib Nagar , Teka Nagpur , Dist. Nagpur Maharashtra, gahraminerals@rediffmail.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	M/s Gahra Minerals , Habib Nagar , Teka Nagpur , Dist. Nagpur Maharashtra gahraminerals@rediffmail.com
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Prashant Sankade from 5.9.2016
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Prashant Sankade B.E from 5.9.2016
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes.
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	NA
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	30/10/2012 (Scheme period 2008-09 to 2012-13) Balance period 2012-2013

27	Mineral(s) granted in lease and proved for mining	Iron Ore
28	Method of Mining(Open cast, Underground)	Open cast
29	Category (Fully Mechanised, Others or Manual)	A (OFTM)
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	nil	nil	. Mining operation is in progress without legitimate document. Show –cause notice issued under rule 13(1)
1b	Exploration over lease area for Geological axis 1 or 2.	nil	nil	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	nil	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	nil		
1e	Balance reserves as on 01.04.2016	nil		
1f	General remarks of inspecting officer on geology, exploration etc.	SOM of mining expired on 2013 . Hence no comments are offered.		

Development

SN	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	nil	Eastern side	. SOM of mining expired on 2013 Mining operation is in progress without legitimate document. Show – cause notice issued under rule 13(1)
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	nil	yes	
2c	Stripping ratio or ore to OB ratio	nil	1:10	
2d	Quantity of topsoil generation in m3	-	nil	
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.	-SOM of mining expired on 2013 . Hence no comments are offered.		

Exploitation

SN	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	nil	1	SOM of mining expired on 2013 Mining operation is in progress without legitimate document. Show –cause notice issued under rule 13(1)
3b	Quantity of ROM mineral production proposed	nil	53555 T	
3c	Recovery of salable/usable mineral from ROM production	nil	-	
3d	Quantity of mineral reject generation	nil	2400M3	
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	nil	manually	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Regular sampling method adopted		
3j	Provision of drilling & blasting in mineral benches	Compressed air operated Wagon /DTH drills		
3k	Provision of mining machineries in mineral benches	nil	OFTM	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	nil	Collapsed benches	
3m	Total area covered under excavation/pits	nil.	4.00 Hect.(Appro)	
3n	Ore to OB ratio for the pit/mine during the year	nil	1:10	
3o	Total area put in use under different heads at the end of year	nil	7.50 (appro)-- Hect	
3p	Production of ROM mineral during last five-year period, as applicable	2011-12 Ton 2012-13:-45600Ton 2013-14:- nil Ton 2014-15:- nil Ton 2015-16:- nil Ton	2011-12:- 31186 Ton 2012-13:- 16687 Ton 2013-14:- 60482 Ton 2014-15:-76676 Ton 2015-16:- 53555 Ton	
3q	General remarks of inspecting officer on method of mining etc.	-SOM of mining expired on 2013 . Hence no comments are offered.		

Solid Waste Management-Dumping

SN	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Nil	yes	- SOM of mining expired on 2013 Mining operation is in progress without legitimate
4b	Location of topsoil, OB & mineral reject dumps	nil side	southern	
4c	Number of dumps within lease area and outside lease area	nil	5 nos	

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	nil part	western and Southern	document. Show –cause notice issued under rule 13(1)
4e	Number of active & alive dumps	nil	5	
4f	Number of dead dumps	nil	1	
4g	Number of dumps stabilised	nil	1	
4h	Whether Retaining wall or garland drain all along dumps are there	Nil;	no	
4i	Length of Retaining wall or garland drain all along dump	-	nil	
4j	Number of settling ponds		nil	
4k	Specific comments of inspecting officer on waste dump management	Huge dumps are observed in the southern side of lease area		

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	nil	- SOM of mining expired on 2013 Mining operation is in progress without legitimate document. Show – cause notice issued under rule 13(1)
5b	Area under backfilling of mined out area	nil	nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	nil	nil	
5d	Total area fully reclaimed & rehabilitated	nil	optimum depth yet to be achieved	
5e	General remarks of inspecting officer on backfilling, reclamation etc	-mining of iron ore deposit is in progress and seems to be yet to reach the optimum limit		

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.	SOM	PMCP submitted along with	
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	nil	nil	SOM of mining expired on 2013 Mining operation is in progress

SN	Item	Proposals	Actual work	Remarks
	v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year			without legitimate document. Show –cause notice issued under rule 13(1) and there is no possibility of closure of mining operation
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)	nil	yes	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations	No PMCP work has been done and it seems to be that the area has attained the maturity limit..		.

Mineral Conservation

SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Nil	53555 T	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	nil	manually	SOM of mining expired on 2013 Mining operation is in progress without legitimate document. Show –cause notice issued under rule 13(1)
7c	Different grade of mineral sorted out at mines		yes	
7d	Any beneficiation process at mines		no	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No comments are offered as there is no legitimate document/proposal.		

Environment

SN	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	nil	nil	Will be used for reclamation of land if required or used for afforestation.
8b	Concurrent use or storage of topsoil			
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	nil	yes	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	nil	nil	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	nil	NII	
8f	Baseline information on existence of plantation & additional plantation	Near the mining lease boundary plantation has been carried out		
8g	Survival rate	80%		
8h	Water sprinkling on roads to control airborne dust	Dust suppression on mine haul road, has been followed.		
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No comments are offered as there is no legitimate document/proposal.		

Compliance of Rule 45

SN	Item	Comments	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to sept 2016 A.R. submitted up to not submitted for the year 2015-2016	Violation issued

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	nil	nil	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	nil	nil	
9d	Scrutiny of Annual return on afforestation	nil	nil	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	nil	nil	
9f	nil	nil	- nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	nil	nil	
9i	Scrutiny of Annual return on fixed assets	nil	nil	
9k	Scrutiny of Annual return on mining machineries	-nil	nil	

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

No violation observed during the inspection.

A) Earlier Violation A violation under rule 23F regarding submission of Financial assurance was issued vide this office letter no MAH/CND/FE-10/NGP V-II dated 7.8.2015. The same has not been complied so far.

B) Fresh Violation issued under Rule 13(1), 23F and 45 have been issued.

KEWAL KRISHAN

Sr. Mining Geologist
(Name of inspecting officer with designation **and date**)