

**INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

MCDR INSPECTION REPORT

Nagpur regional office

Mine file No : MAH/GND/FE-3/NGP

Mine code : 30MSH31003

- (i) Name of the Inspecting : **S123**) **A.K. PATEL**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 21-Sep-22
- (v) Prev.inspection date : 08-Jul-21

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **MANEGAON (37.34 H)**
- (b) **Registration NO.** : **IBM/4800/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : MAHARASHTRA
District : GONDIA
Village : MANEGAON
Taluka : AMGAON
Post office : AMGAON
Pin Code : 441902
FAX No. : 07104-237583
E-mail : NONE
Phone : 07104-237583
- (f) Police Station :
- (g) First opening date : 19-Jul-07
- (h) Weekly day of rest : SUN
2. Address for : M/S JAYASWALS NECO INDUSTRIES LTD.
correspondance : F-8,MIDC,HINGNA ROAD
NAGPUR 440016
3. (a) Lease Number : MSH0343
- (b) Lease area : 11
- (c) Period of lease : 50
- (d) Date of Expiry : 26-Jul-55
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : M/S JAYASWALS NECO LTD.
 F/8, MIDC Industrial Area
 Hingna Road, Nagpur- 16
 NAGPUR MAHARASHTRA
 Phone:
 FAX :

Owner : JAYASWALS NECO LTD.
 F-8, MIDC, HINGNA ROAD
 NAGPUR NAGPUR MAHARASHTRA
 Phone:
 FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	27-Jan-05
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	07-Dec-12
		MP modif under MCR 1960	18-Dec-15
		FMCP under 23C(1)	14-Mar-16
		MP review under 17(1) MCR 2016	01-Apr-20
		FMCP under 23C(1)	17-Sep-20

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	NIL	MINE IS CLOSED
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	NIL	
1e	Balance reserve as on 01/04/20	As per review of MP 1329 T on 31.03.22 Total Reserve in forest area 8,78,739 T	Nil (11 Ha) 8,78,739 T	Mining yet to start in forest area.
1f	General remarks of inspecting officers on geology, exploration etc	MINE IS CLOSED 11.00 HA		

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Nil	Nil	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NIL	NIL	MINE IS CLOSED
2c	Stripping ratio or ore to OB ratio	1: 1.984	1:2.86	
2d	Quantity of topsoil generation in m3	1518 CuM	1625 CuM	
2e	Quantity of overburden generation in m3	1518 CuM	1625 CuM	Excess waste generated due to low recovery of float ore

2f General remarks MINE IS CLOSED
of inspecting
officers on
development of
pit w.r.t. type
of deposit etc

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one	one	
3b	Quantity of ROM mineral production proposed	1329Ton	963.755 Ton	
3c	Recovery of sailable/usable mineral from ROM production	1329 Ton	963.755 Ton	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	
3f	Quantity of sub grade mineral generation.	Nil	Not Applicable	
3g	Grade of sub grade mineral generation	Nil	Not Applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual Method	Manual Method	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Proposed	Not Applicable	
3j	Provision of drilling and blasting in mineral benches	Not Proposed	Not Applicable	

3k	Provision of mining machineries in mineral benches	Not Proposed	Not applicable
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Not Proposed	Not applicable
3m	Total area covered under excavation/pits	0.1898 Ha	0.1898 Ha
3n	Ore to OB ratio for the pit/mine during the year.	--	Not Applicable
3o	Total area put in use under different heads at the end of year	Mining - 0.7 Ha Mineral storage - 0.200 Ha Road - 0.071 Ha Green belt - 3.5 Ha	Mining -2.1740 Ha Mineral storage - 0.200 Ha Road - 0.071 Ha Green belt - 3.5 Ha
3p	Production of ROM mineral during the last five year period as applicable	Year 2020-21 -1700 T Year 2021-22 - 1329 T	Year 2020-21 - 1321 T Year 2021-22 - 963.755 T
3q	General remarks of inspecting officers on method of mining etc.		MINE IS CLOSED

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	NIL	Not Applicable	
4b	Location of topsoil, OB and mineral reject dumps	NIL	Not Applicable	

4c	Number of dumps within lease area and outside of lease area	NIL	Not Applicable
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NIL	Not Applicable
4e	Number of active and alive dumps.	NIL	Not Applicable
4f	Number of dead dumps.	NIL	Not Applicable
4g	Number of dumps established.	NIL	Not Applicable
4h	Whether Retaining wall or garland drain all along dumps are there.	NIL	Not Applicable
4i	Length of Retaining wall or garland drain all along dumps	NIL	Not Applicable
4j	Number of settling ponds	NIL	Not Applicable
4k	Specific comments of inspecting officer on waste dump management	MINE IS CLOSEDIL	Not Applicable

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	The entire float ore bearing area will be backfilled concurrently after fully extraction of float ore	2.174 Ha	
5b	Area under backfilling of mined out area	NIL	Not Applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NIL	Not Applicable	

5d	Total area fully reclaimed and rehabilitated	NIL	Not Applicable
5e	General remarks of inspecting officers on backfilling and reclamation etc.	MINE IS CLOSED	

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	YES	Submitted on 30.06.2022	
6b	Area available for rehabilitation (ha) .	Nil	Nil	
6c	afforestation done (ha).	Nil	Nil	
6d	No. of saplings planted during the year	NIL	NIL	
6f	Any other method of rehabilitation	NIL	NIL	
6g	Cost incurred on watch and care during the year	Nil	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	0.1898 Excavation made during 2020-21 and 21-22 over 0.4328 Ha to be back filled during 2021-22	As per proposal ,the excavated area has already been backfilled.	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Grass planting done over total backfilled area of 2.1740 Ha	plantation has been done over entire 2.174 ha area	

6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	Nil	Nil
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	NIL	
6p	Compliance of environmental monitoring (core zone and buffer zone)	NIL	Env. Monitoring is being carried out twice in a year
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	MINE IS CLOSED	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NIL	1176.83 Ton	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual Sorting	Manual Sorting	
7c	Different grade of mineral sorted out at mines.	Only one grade of average 50% to below 55% of Fe content	Only one grade of average 50% to below 55% of Fe content	
7d	Any beneficiation process at mines	Nil	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	MINE IS CLOSED		

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not given	No top soil generation	AS ABOVE
8b	Concurrent use or storage of topsoil	Nil	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	given	Not generated	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Given	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	The entire float ore bearing area will be backfilled concurrently after fully extraction of float ore	Not started	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Nil	1000 Plants	As on date 4550 plants has been planted
8g	Survival rate	Not given	70%	
8h	Water sprinkling on roads to control airborne dust	While transporting loaded minerals are covered with tarpaulin to avoid emission of dust	As per proposal	If need arise water sprinkling will be done to control airborne dust.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	MINE IS CLOSED		

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	NIL	NIL	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Information on Mining Engineer given		
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	Given		
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not applicable		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Information on ROM given		
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Production cost was mentioned in AR of 2021-22		
9h	Scrutiny of Annual return on fixed assets	AS PER AR		
9k	Scrutiny of Annual return on mining machineries	Not applicable		

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

Violation observed		Show cause position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

Date :

(A.K. PATEL)

Indian Bureau of Mines