

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

MCDR INSPECTION REPORT

Nagpur regional office

Mine file No : MAH/BHD/MN-42/NGP L-2

Mine code : 40MSH05005

- (i) Name of the Inspecting : **S123**) **A.K. PATEL**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Shri Sachin Ramtekey and Miss MrinalTembhurne
Official with
Designation
- (iv) Date of Inspection : 18-Aug-21
- (v) Prev.inspection date : 08-Jan-20

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **DONGRI BUZURG (53.980 HA)**
- (b) **Registration NO.** : **5711**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : MAHARASHTRA
District : BHANDARA
Village : DONGRI BUZURG
Taluka : TUMSAR
Post office : DONGRI BUZURG
Pin Code : 441907
FAX No. :
E-mail :
Phone :
- (f) Police Station :
- (g) First opening date : 01-Oct-05
- (h) Weekly day of rest :
2. Address for :
correspondance :
3. (a) Lease Number :
(b) Lease area :
(c) Period of lease :
(d) Date of Expiry :
4. Mineral worked : MANGANESE ORE Main

5. Name and Address of the

Lessee : M/S MOIL LIMITED
MOIL BHAWAN, 1-A, KATOL
ROAD CHHAONI NAGPUR NAGPUR
MAHARASHTRA
Phone:
FAX :

Owner : DEEPANKAR SHOME
1-A, MOIL BHAVAN KATOL ROAD
NAGPUR NAGPUR MAHARASHTRA
Phone:
FAX :

Agent : RAJESH BHATTACHARYA
DONGRI BUZURG MINE BHANDARA
BHANDARA BHANDARA
MAHARASHTRA
Phone:
FAX :

6. Date of approval of Mining :
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	0	0	0
1b	Exploration over lease area for geological axis 1 or 2	0	0	0
1c	Exploration Agencies and Expenditure in lakh rupees during the year	8800/-METER	800/-METER	AS ABOVE
1d	Balance area to be explored to bring Geological axis in 1 or 2	0	0	0
1e	Balance reserve as on 01/04/20	--	19084932 T	IN-SITU ORE RESERVES
1f	General remarks of inspecting officers on geology, exploration etc	AS PER MINING PLAN	AS EARLIER MENTIONED	AS ABOVE

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	CH-15 TO CH-48	CH-15 TO CH-48	AS ABOVE
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	F/W-5	F/W-5	AS ABOVE
2c	Stripping ratio or ore to OB ratio	NIL	NIL	NIL
2d	Quantity of topsoil generation in m3	NA	NA	NA
2e	Quantity of overburden generation in m3	69841	11271892	AS ABOVE

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	AS PER MINING PLAN	AS EARLIER	AS ABOVE
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	1	AS ABOVE
3b	Quantity of ROM mineral production proposed	6000T (DUMP)	854 T (DUMP)	AS ABOVE
3c	Recovery of sailable/usable mineral from ROM production	NA	NA	NA
3d	Quantity of mineral reject generation	NA	NA	NA
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	NA
3f	Quantity of sub grade mineral generation.	NA	NA	NA
3g	Grade of sub grade mineral generation	NA	NA	NA
3h	Manual / Mechanised method adopted for segregating from ROM	NA	NA	NA
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Sampling done	Sampling done	as above
3j	Provision of drilling and blasting in mineral benches	NA	NA	NA

3k	Provision of mining machineries in mineral benches	YES	YES	AS ABOVE
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	YES	YES	AS ABOVE
3m	Total area covered under excavation/pits	6.683 Ha	6.683 Ha	as above
3n	Ore to OB ratio for the pit/mine during the year.	NIL	NIL	NIL
3o	Total area put in use under different heads at the end of year	35.899 Ha	35.899 Ha	AS ABOVE
3p	Production of ROM mineral during the last five year period as applicable	-	-	-
3q	General remarks of inspecting officers on method of mining etc.	-	-	-

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	YES FOR OB ONLY	YES	AS ABOVE
4b	Location of topsoil, OB and mineral reject dumps	Nort-East side of lease area	Nort-East side of lease area	as above
4c	Number of dumps within lease area and outside of lease area	1	1	as above
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Nort East side of the lease area MRL 340 to 395	Nort East side of the lease area MRL 340 to 395	as above

4e	Number of active and alive dumps.	1	1	YES
4f	Number of dead dumps.	--	--	--
4g	Number of dumps established.	0	IN PROCESS	AS ABOVE
4h	Whether Retaining wall or garland drain all along dumps are there.	YES	YES	AS ABOVE
4i	Length of Retaining wall or garland drain all along dumps	YES	YES	YES
4j	Number of settling ponds	NA	NA	NA
4k	Specific comments of inspecting officer on waste dump management	As per mining plan	done	as above

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.	NA	NA	NA
5b	Area under backfilling of mined out area	NA	NA	NA
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	NA	NA
5d	Total area fully reclaimed and rehabilitated	NA	NA	NA
5e	General remarks of inspecting officers on backfilling and reclamation etc.	NA	NA	NA

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	YES	AS ABOVE
6b	Area available for rehabilitation (ha) .	--	--	--
6c	afforestation done (ha).	PROPOSED PLANTATION 0.20 Ha 200 SAPLINGS	ACHIVED PLANTATION 0.70 Ha 700 SAPLINGS CUMULATIVGE nOS-10900 pLANTED UP TO 2020-2021 AREA COVERED -5.7 Ha	AS ABOVE
6d	No. of saplings planted during the year	200 SAPLINGS	700	AS ABOVE
6e	Cumulative no .of plants	10900 PLANTED	10900 PLANTED	AS ABOVE
6f	Any other method of rehabilitation	--	--	--
6g	Cost incurred on watch and care during the year	--	--	--
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NA	NA	NA
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NA	NA	NA
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	NA	NA
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NA	NA	NA

6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NA	NA	NA
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NA	NA	NA
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	NA	NA
6p	Compliance of environmental monitoring (core zone and buffer zone)	YES	YES	AS ABOVE
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	AS PER MINING PLAN	ACTUAL DONE	YES

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	YES	YES	AS ABOVE
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	MANUAL	MANUAL	AS ABOVE
7c	Different grade of mineral sorted out at mines.	25% TO 35%	25% TO 35%	25% TO 35%
7d	Any beneficiation process at mines	NA	NA	NA

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	AS PROPOSE	DONE	YES
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	NA	AS ABOVE
8b	Concurrent use or storage of topsoil	--	NA	AS ABOVE
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	YES	YES	as above
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	AS ABOVE
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	AS ABOVE
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NA	NA	AS ABOVE
8g	Survival rate	--	85%	AS ABOVE
8h	Water sprinkling on roads to control airborne dust	YES	YES	YES

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	AS PROPOSED	DONE	AS ABOVE
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	MR SUBMITTED UPTO AUGUEST - -----2021 A.R. SUBMITTED UPTO.....2020-21	YES	AS ABOVE
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	YES	AS PER AR	AS ABOVE
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	AS PER AR	AS PER AR	AS ABOVE
9d	Scrutiny of Annual return on afforestation	YES	DONE	AS ABOVE
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	YES	AS GIVEN IN AR	AS ABOVE
9f	Scrutiny of Annual return on ROM stock and/or graded ore	YES	GIVEN IN AR	AS ABOVE
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	YES	GIVEN IN AR	AS ABOVE
9h	Scrutiny of Annual return on fixed assets	YES	GIVEN IN AR	AS ABOVE
9k	Scrutiny of Annual return on mining machineries	YES	GIVEN IN AR	AS ABOVE

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