

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

MCDR INSPECTION REPORT

Nagpur regional office

Mine file No : MAH/NAG/MN-304/NGP

Mine code : 40MSH14019

- (i) Name of the Inspecting : **D025**) **S. M. DORLE**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : Shri Yogesh Sharma Agent
Official with
Designation
- (iv) Date of Inspection : 25/02/2017
- (v) Prev.inspection date : 11/02/2010

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **PARSEONI(1.21H)**
- (b) **Registration NO.** :
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : MAHARASHTRA
- District : NAGPUR
- Village : PARSEONI
- Taluka : PARSEONI
- Post office : PARSEONI
- Pin Code :
- FAX No. :
- E-mail :
- Phone :
- (f) **Police Station** :
- (g) **First opening date** :
- (h) **Weekly day of rest** : MON
2. **Address for correspondance** : "Aqueel Mansion", Near Bohra Masjid,
iItwari,
Nagpur
3. (a) **Lease Number** : MSH0095
- (b) **Lease area** : 1.21
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 14/05/2012
4. **Mineral worked** : MANGANESE ORE Main

5. Name and Address of the

Lessee : SHRI SHAKEEL AHMED AQUEEL HUSSAIN
NAGPUR MAHARASHTRA
Phone:
FAX :

Owner : SHRI SHAKEEL AHMED AQUEEL HUSSAIN
NAGPUR 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	Not given	Not Applicable	
1b	Exploration over lease area for geological axis 1 or 2	Three numbers of boreholes proposed	Not done	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not proposed	Not Applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not Proposed	Not Applicable	
1e	Balance reserve as on 01/04/20	Balance reserve as on 01-04-16 is 3712 tonnes	Balance reserve as on 01-04-16 is 3712 tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			The area is very small almost whole area is explore

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Dump and float mining	Dump and float mining	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Not proposed	No topsoil exist in the area	
2c	Stripping ratio or ore to OB ratio	Not given	No overburden exist in the area	
2d	Quantity of topsoil generation in m3	Not proposed	Nil	
2e	Quantity of overburden generation in m3	Proposed quantity of overburden generation in 2016-17 is 1418m3	No overburden	

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Presently working concentrate only for float ore.
----	---	---

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One number of pits proposed for production	No pit only dump mining at present	
3b	Quantity of ROM mineral production proposed	1764 tonnes of ROM mineral production proposed 2012-13 to 2016-17	1642 tonnes of ROM mineral production proposed 2012-13 to 2016-17	
3c	Recovery of sailable/usable mineral from ROM production	90% of recovery of salable /usable mineral from ROM production.	70% of recovery of salable /usable mineral from ROM production.	
3d	Quantity of mineral reject generation	No proposal for quantity of mineral reject generation	Mineral reject not generated	
3e	Grade of mineral rejects generation and threshold value declared.	Nil	Not Applicable	
3f	Quantity of sub grade mineral generation.	No proposal for subgrade generation	No sub grade mineral	
3g	Grade of sub grade mineral generation	Not Applicable	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual method adopted for segregating from ROM	As per proposal Manual method adopted for segregating from ROM	

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal for analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Applicable	
3j	Provision of drilling and blasting in mineral benches	No proposal for drilling & blasting in mineral benches	Not applicable	
3k	Provision of mining machineries in mineral benches	Provision of JCB proposed	Not utilised presently.	
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	0.430 ha area proposed to covered under excavation/pit	As per proposal.	
3n	Ore to OB ratio for the pit/mine during the year.	Proposed ore to OB ratio for pit/mine during the year is 1:4	No overburden.	
3o	Total area put in use under different heads at the end of year	8145m2	As per proposal	8145m2
3p	Production of ROM mineral during the last five year period as applicable	Quantity of ROM mineral production proposed 2012-13 to 2016-17 is 1764 tonnes	1642 tonne of ROM mineral production produced 2012-13 to 2016-17	
3q	General remarks of inspecting officers on method of mining etc.			At present float ore mining is being adopted in this mine. No overburden exist.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
--------	------	-----------	-------------	---------

4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Proposed	Nil	
4b	Location of topsoil, OB and mineral reject dumps	No proposal	No topsoil and Mineral reject	
4c	Number of dumps within lease area and outside of lease area	Proposed 4 waste and 6 mineralised dumps	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Location of dumps within ultimate pit limit	No waste dump	
4e	Number of active and alive dumps.	No proposal of active & alive dumps	Not Applicable	
4f	Number of dead dumps.	No dead dump	Not Applicable	
4g	Number of dumps established.	Not proposed	Not applicable.	
4h	Whether Retaining wall or garland drain all along dumps are there.	Not Proposed	Not applicable	
4i	Length of Retaining wall or garland drain all along dumps	Not proposed	Not Applicable	
4j	Number of settling ponds	Not proposed	Not applicable	
4k	Specific comments of inspecting officer on waste dump management			No dump of topsoil, overburden and mineral reject found in the area.

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.	No proposal	not applicable	

5b	Area under backfilling of mined out area	Not proposed	Not applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not proposed	Not applicable	
5d	Total area fully reclaimed and rehabilitated	No proposal	Not applicable	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No stage of backfilling started.

Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Proposed	Submitted for the year 2016-17	
6b	Area available for rehabilitation (ha) .	No proposed	Not Applicable	
6c	afforestation done (ha).	Proposed 10 trees per year	Planted 10 trees per year	
6d	No. of saplings planted during the year	Proposed 10 trees per year	Planted 10 saplings per year	
6e	Cumulative no .of plants	50 no. of trees	Around 50 nos. of trees planted.	
6f	Any other method of rehabilitation	Not proposed	Not Applicable	
6g	Cost incurred on watch and care during the year	Not proposed	Not Applicable	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D	Nil	Nil	

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on on backfilled area	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Nil	Nil
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Nil	Nil
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Nil	Nil
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Nil	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed	Done

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Plantation was proposed.	Plantation has been done.	Plantation has been done, no proposal for backfilling.
----	---	--------------------------	---------------------------	--

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	1764 .000 Mt	1619.020 Mt.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7c	Different grade of mineral sorted out at mines.	NA	Nil	
7d	Any beneficiation process at mines	No beneficiation proposed.	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No beneficiation proposed in the mines.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No topsoil, Not proposed	Not applicable	
8b	Concurrent use or storage of topsoil	Not Proposed	Not Applicable	

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	not proposed	Not Applicable	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Not Applicable	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Baseline study done. It was proposed to do 10 no. of plantation every year.	Around 50 nos of plants planted within the area	
8g	Survival rate	50%	50%	
8h	Water sprinkling on roads to control airborne dust	Not Proposed	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			The area is very small. contiguous leases are of the same lessess around the alease.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
--------	------	-----------	-------------	---------

9a	Status of submission of Monthly and Annual returns	Monthly return was sunmitted upto January 2017 Annual return of the year 2015-16 submitted 2015-16.	Discrepancies found in the monthly and annual return are as follows:- Monthly return of January 2017 (Form-F-2 submitted Offline) ex-mine price of the mineral not reported as per amended rule 45 Mineral Concession and Development Rules 1988 on the 19th April, 2016. G.S.R. 430(E). 1. Annual return - 2015-16. (Form-H-2 submitted offline) 1. Lease area Forest/ Non forest (hectares) not given (Part-I-11) 2. Number of days the mine worked not shown (Part-II (2)) 3. Maximum number of persons emp	3. Maximum number of persons employed on any one day during the year(Part II- (3)(i)) 4. Value of Fixed Assets not given.(Part II 3(ii)) 5. Quantity and cost of Explosives and other material is not reported.(Consumpt ion of Material- Part-III) 6. Depreciation on fixed assets are not mentioned/ not correctly filled up. (Pa
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		7. Royalty and dead rents not given (Part 3- 2(a)(b)) 8. Total production during the year and Overburden removed not given(Part-IV-2 & 3) 9. Reserves and Resources estimated at the end of the year. Exploration, details of benches etc- Not given (Part V-3) 10. Number of trees planted during the year and survival rate in not given (Part-V- 4.4)	

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	11. Production and Stocks of ROM ore and Grade-wise Production, Dispatches, Stocks and Ex-mine prices of Processed ore. Not properly elaborated (Part-V- 4.2 (B) and Part-VI-1) 12. Under Grade-wise Production, Dispatches, Stocks and Ex-mine prices of Processed ore table for grade 25% to below 35% ore ex- mine price not given (Part VI-2). 13. Production of dump working not shown in graded production(Part-VI-1 & 2) 14. All columns under Cost of production per tonne of ore/mineral produced kept blank	The above advice letter sent to state govt for further necessary action.
9d	Scrutiny of Annual return on afforestation	15. Details of Deductions used for computation of ex-mine price (Rs/Metric Tonne) as per IBM not filled.(Part VI-3) 16. Date and Place not given in Annual return.	

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
MCDR17	Rule 11(3)	20/03/2017			
MCDR17	Rule 11(4)	20/03/2017			

Date :
(S. M. DORLE)

Indian Bureau of Mines