

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

Mining Plan Modification REPORT

Goa regional office

Mine file No : MAH/SDG/FE-43/GOA

Mine code : 30MSH28013

- (i) Name of the Inspecting : P01) PREM PRAKASH
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : S/SHRI. S.KAVATHANKAR, AGENT & V.P.NAVARE, TQP
Official with
Designation
- (iv) Date of Inspection : 26-FEB-21
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : SATELI (52.12 HECTS.)
- (b) **Registration NO.** :
- (c) **Category** : A Fully Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : MAHARASHTRA
- District : SINDHUDURG
- Village : SATELI
- Taluka : SAWANTWADI
- Post office : SATARDA
- Pin Code : 416514
- FAX No. : 022-22854417
- E-mail : srivastva@bom5.vsnl.net.in
- Phone : 022-22025893
- (f) **Police Station** : Sawantwadi
- (g) **First opening date** : 16-JAN-12
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : Deccan Minerals Pvt Ltd
Nirmal, Central Wing, 18th floor,
Nariman Point, Mumbai-400021
3. (a) **Lease Number** : MSH0053
- (b) **Lease area** : 58.68
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 28-JUN-01
4. **Mineral worked** : IRON ORE Main

5. Name and Address of the

Lessee : DECCAN MINERALS PVT. LTD.
 32, ASHUTOSH, NEPEAN SEA
 ROAD, MUMBAI GREATER BOMBAY
 MAHARASHTRA
 Phone:
 FAX :

Owner : SANDEEP SRIVASTAVA
 NIRMAL, 16th Floor NARIMAN
 POINT GREATER BOMBAY
 MAHARASHTRA
 Phone: 022-22025893, 2
 FAX : 022-22854417

Agent : MANOJ THAKUR
 WSH 4,W BLOCK,SUNSET
 BOULVARD, ALTO DHULER,
 MAPUSA-GOA SINDHUDURG
 MAHARASHTRA
 Phone: 0832-2253864, 9769111533
 FAX : 832-2253863

Mining Engineer

Name : RAVI KIRAN,Full Time
 Qualification : B.E.(Mining) with second class
 Appointment/ : 20-SEP-13 01-JUN-15
 Termination date

Geologist

Name : NILESH K. JOSHI,Full Time
 Qualification : M.SC (GEOLOGY)
 Appointment/ : 03-MAR-14 01-JUN-15
 Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	01-DEC-05
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	31-MAY-12
		Modif.approved Mining Scheme	17-MAR-14
		Mining Scheme rule 12 MCDR1988	01-APR-15

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	27 BHs proposed in year 2015-16 & 2016-17 in approved Mining Scheme dtd. 01/04/2015	Nil	
1b	Exploration over lease area for geological axis 1 or 2	Nil proposal in year 2019-20	Nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	About 30 Ha.	Nil	
1e	Balance reserve as on 01/04/20	-	Proved Mineral Reserves (111) = 1.473 Mill. Tons As on 22.10.2014	As per Mining scheme approved dtd. 01.04.2015
1f	General remarks of inspecting officers on geology, exploration etc		Mine is non-working since long. Notice of temporary discontinuance of mine submitted on 26.02.2018.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Working proposed between the cross-section A4-A4' to A12-A12' in FY 219-20	Nil	Mine is non-working since long.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	yes	Nil	

2c	Stripping ratio or ore to OB ratio	1 : 1.86 in FY 219-20	Nil
2d	Quantity of topsoil generation in m3	2250 m3 in FY 219-20	Nil
2e	Quantity of overburden generation in m3	295590 m3 in FY 219-20	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		Mine is non-working since long. Notice of temporary discontinuance of mine submitted on 26.02.2018.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One in 2019-20	One	
3b	Quantity of ROM mineral production proposed	159800 m3 (447440 tons) in FY 219-20	Nil	
3d	Quantity of mineral reject generation	Nil	Nil	
3f	Quantity of sub grade mineral generation.	Nil	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	Nil	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	Nil	
3j	Provision of drilling and blasting in mineral benches	yes	Nil	
3k	Provision of mining machineries in mineral benches	yes	Nil	

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6 mtr bench height proposed	Nil	
3m	Total area covered under excavation/pits		7 hect. area	As per Mining scheme approved dtd. 01.04.2015
3n	Ore to OB ratio for the pit/mine during the year.	1 : 1.86 for FY 219-20	Nil	
3o	Total area put in use under different heads at the end of year		8.5 Ha.	As per Mining scheme approved dtd. 01.04.2015
3p	Production of ROM mineral during the last five year period as applicable	159800 m3 (447440 tons) in FY 219-20	2019-20 : Nil	Mine is non-working since long.
3q	General remarks of inspecting officers on method of mining etc.		Method of mining was proposed as mechanized open cast mining with shovel-dumper combination. However, Mining operation has been stopped in the mine since long. Notice of temporary discontinuance of mine submitted on 26.02.2018.	

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate Dumping Proposed for OB/Waste	Nil	
4b	Location of topsoil, OB and mineral reject dumps	6.3147 Ha. area was earmarked for waste dumping within ML area	Nil	
4c	Number of dumps within lease area and outside of lease area	One Dump Proposed within Lease area	Nil	

4e	Number of active and alive dumps.	One Dump Proposed within Lease area	Nil
4f	Number of dead dumps.	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	Nil
4j	Number of settling ponds	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management		Mine is non-working since long.

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.	full extraction of mineral from mined out area before starting backfilling	Nil	
5b	Area under backfilling of mined out area	At the cross-section Al-Al', A-A' & B-B'	Nil	
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	

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).	To be submitted before 1st July of every Year	Not Submitted	Mine is non-working since long

6b	Area available for rehabilitation (ha) .	Nil	Nil
6c	afforestation done (ha).	0.25 ha. in 2019-20	Nil
6d	No. of saplings planted during the year	625 saplings to be planted in 2019-20	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	1.71 Ha.	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	0.25 Ha.	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Nil	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	yes	Nil
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		Mine is non-working since long.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	grade wise sorting within lease area	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	mechanical Crushing & Screening	Nil
7c	Different grade of mineral sorted out at mines.	Different grade of mineral to be sorted out at mines	Nil
7d	Any beneficiation process at mines .	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		Mine is non-working since long.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	yes	Nil	
8b	Concurrent use or storage of topsoil	yes	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	yes	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Back-filling	Nil	

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	625 plants in Fy 2019-20	Nil
8h	Water sprinkling on roads to control airborne dust	yes	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Aesthetic beauty around mines area is good. However, pit benches got collapsed.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		Latest MR Submitted for January'2021, Latest AR Submitted for year 2019-20.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil	Nil	Notice of appointment of Geologist- Mr. Sunil T. injal received on 22.03.2021
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under pits- 8 Ha.	Area under pits- about 8 Ha.	
9d	Scrutiny of Annual return on afforestation	Nil	Nil	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	

9f	Scrutiny of Annual return on ROM stock and/or graded ore	Closing stocks of R.O.M. (iron ore) reported as 233008 te & Processed iron ore (Fines- below 55% fe grade) reported as 89812 te	Whereas such big stocks of ROM & graded ore were not observed available at the mine head.	Violation issued in this respect
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Nil	
9h	Scrutiny of Annual return on fixed assets	Nil	Nil	
9k	Scrutiny of Annual return on mining machineries	Nil	Nil	Mine is non-working since long

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

Violation observed			Show couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17	Rule 45(7)(a)	15-MAR-21			

Date :

(PREM PRAKASH)

Indian Bureau of Mines