

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

Review and updation of Mining Plan REPORT

Chennai regional office

Mine file No : TN/TCR/GRN-1/Mds

Mine code : 26TMN14003

- (i) Name of the Inspecting : **M017**) **Matiul Islam**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Mr John Solomon, Director
Official with
Designation
- (iv) Date of Inspection : 10/05/2024
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **JAMBUMANDAI GARNET SAND**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : TAMIL NADU
District : TIRUCHIRAPALLI
Village : VILASIRAMANI
Taluka : MUSIRI
Post office : KOLAKUDI
Pin Code :
FAX No. : 044-4985822
E-mail : vsnl.itbmd@gems.vsnl.net.i
Phone : 044-4980306
- (f) Police Station :
- (g) First opening date : 20/01/1997
- (h) Weekly day of rest : SUN
2. Address for : 2 ND FLOOR,SAIRAJ APPARTMENTS,
correspondance 10,1 ST MAIN RD AVENUE,DHANDEESWARAN NAGAR,
VELACHERY,CHENNAI-600042
3. (a) Lease Number : TMN0680
- (b) Lease area : 19.06
- (c) Period of lease : 20
- (d) Date of Expiry : 10/01/2017
4. Mineral worked : GARNET Main

5. Name and Address of the

Lessee : INDIAN GARNET SAND CO PLTD
 14,MUTHUPANDIAN AVENUE,
 SANTHOME HIGH ROAD
 MYLAPORE,CHENNAI CHENNAI
 CITY TAMIL NADU
 Phone:044-4980306
 FAX :044-4985822

Owner : D.DAYA DEVADOSS(M/S INDIAN GARNET SAND CO(P) LTD
 SAI RAJ APARTMENTS(2ND
 FLOOR) 10, 1ST MAIN ROAD
 AVENUE DHANDEESWARAM,
 VELACHERY CHENNAI CITY
 TAMIL NADU
 Phone: 040-22435772
 FAX :

Geologist

Name : A.THIRUMALAI RAJA,Full Time
 Qualification : M.SC GEOLOGY
 Appointment/ : 01/01/1998
 Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	20/05/2003
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	09/04/2009

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No valid Mining Plan in force. Last approved Scheme of Mining lapsed in 2013.	Nil	Mining has been suspended by IBM since 15/10/2013. Lessee has submitted draft ROMP which is currently being processed.
1b	Exploration over lease area for geological axis 1 or 2	-do-	-do-	-do-
1c	Exploration Agencies and Expenditure in lakh rupees during the year	-do-	-do-	-do-
1d	Balance area to be explored to bring Geological axis in 1 or 2	-do-	-do-	-do-
1e	Balance reserve as on 01/04/20	-do-	-do-	-do-
1f	General remarks of inspecting officers on geology, exploration etc	-	-	Mining has been suspended by IBM since 15/10/2013. Lessee has submitted draft ROMP which is currently being processed. No valid Mining Plan in force. Last approved Scheme of Mining lapsed in 2013.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No valid Mining Plan in force. Last approved Scheme of Mining lapsed in 2013.	Nil	Mining has been suspended by IBM since 15/10/2013. Lessee has submitted draft ROMP which is currently being processed.

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	-do-	-do-	-do-
2c	Stripping ratio or ore to OB ratio	-do-	-do-	-do-
2d	Quantity of topsoil generation in m3	-do-	-do-	-do-
2e	Quantity of overburden generation in m3	-do-	-do-	-do-
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	-	Mining has been suspended by IBM since 15/10/2013. Lessee has submitted draft ROMP which is currently being processed. No valid Mining Plan in force. Last approved Scheme of Mining lapsed in 2013.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No valid Mining Plan in force. Last approved Scheme of Mining lapsed in 2013.	Nil	Mining has been suspended by IBM since 15/10/2013. Lessee has submitted draft ROMP which is currently being processed.
3b	Quantity of ROM mineral production proposed	-do-	-do-	-do-
3c	Recovery of sailable/usable mineral from ROM production	-do-	-do-	-do-
3d	Quantity of mineral reject generation	-do-	-do-	-do-

3e	Grade of mineral rejects generation and threshold value declared.	-do-	-do-	-do-
3f	Quantity of sub grade mineral generation.	-do-	-do-	-do-
3g	Grade of sub grade mineral generation	-do-	-do-	-do-
3h	Manual / Mechanised method adopted for segregating from ROM	-do-	-do-	-do-
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	-do-	-do-	-do-
3j	Provision of drilling and blasting in mineral benches	-do-	-do-	-do-
3k	Provision of mining machineries in mineral benches	-do-	-do-	-do-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	-do-	-do-	-do-
3m	Total area covered under excavation/pits	-do-	-do-	-do-
3n	Ore to OB ratio for the pit/mine during the year.	-do-	-do-	-do-
3o	Total area put in use under different heads at the end of year	-do-	-do-	-do-
3p	Production of ROM mineral during the last five year period as applicable	-do-	-do-	-do-

3q	General remarks - of inspecting officers on method of mining etc.	-	-	Mining has been suspended by IBM since 15/10/2013. Lessee has submitted draft ROMP which is currently being processed. No valid Mining Plan in force. Last approved Scheme of Mining lapsed in 2013.
----	---	---	---	--

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No valid Mining Plan in force. Last approved Scheme of Mining lapsed in 2013.	Nil	Mining has been suspended by IBM since 15/10/2013. Lessee has submitted draft ROMP which is currently being processed.
4b	Location of topsoil, OB and mineral reject dumps	-do-	-do-	-do-
4c	Number of dumps within lease area and outside of lease area	-do-	-do-	-do-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	-do-	-do-	-do-
4e	Number of active and alive dumps.	-do-	-do-	-do-
4f	Number of dead dumps.	-do-	-do-	-do-
4g	Number of dumps established.	-do-	-do-	-do-
4h	Whether Retaining wall or garland drain all along dumps are there.	-do-	-do-	-do-
4i	Length of Retaining wall or garland drain all along dumps	-do-	-do-	-do-

4j	Number of settling ponds	-do-	-do-	-do-
4k	Specific comments of inspecting officer on waste dump management	-	-	Mining has been suspended by IBM since 15/10/2013. Lessee has submitted draft ROMP which is currently being processed. No valid Mining Plan in force. Last approved Scheme of Mining lapsed in 2013.

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 valid Mining Plan in force. Last approved Scheme of Mining lapsed in 2013.	Nil	Mining has been suspended by IBM since 15/10/2013. Lessee has submitted draft ROMP which is currently being processed.
5b	Area under backfilling of mined out area	-do-	-do-	-do-
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	-do-	-do-	-do-
5d	Total area fully reclaimed and rehabilitated	-do-	-do-	-do-
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	-	Mining has been suspended by IBM since 15/10/2013. Lessee has submitted draft ROMP which is currently being processed. No valid Mining Plan in force. Last approved Scheme of Mining lapsed in 2013.

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).	No valid Mining Plan in force. Last approved Scheme of Mining lapsed in 2013.	Nil	Mining has been suspended by IBM since 15/10/2013. Lessee has submitted draft ROMP which is currently being processed.
6b	Area available for rehabilitation (ha) .	-do-	-do-	-do-
6c	afforestation done (ha).	-do-	-do-	-do-
6d	No. of saplings planted during the year	-do-	-do-	-do-
6e	Cumulative no .of plants	-do-	-do-	-do-
6f	Any other method of rehabilitation	-do-	-do-	-do-
6g	Cost incurred on watch and care during the year	-do-	-do-	-do-
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	-do-	-do-	-do-
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	-do-	-do-	-do-
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	-do-	-do-	-do-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	-do-	-do-	-do-

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	-do-	-do-	-do-
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	-do-	-do-	-do-
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	-do-	-do-	-do-
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	-do-	-do-	-do-
6p	Compliance of environmental monitoring (core zone and buffer zone)	-do-	-do-	-do-
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	Mining has been suspended by IBM since 15/10/2013. Lessee has submitted draft ROMP which is currently being processed. No valid Mining Plan in force. Last approved Scheme of Mining lapsed in 2013.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No valid Mining Plan in force. Last approved Scheme of Mining lapsed in 2013.	Nil	Mining has been suspended by IBM since 15/10/2013. Lessee has submitted draft ROMP which is currently being processed.

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	-do-	-do-	-do-
7c	Different grade of mineral sorted out at mines.	-do-	-do-	-do-
7d	Any beneficiation process at mines .	-do-	-do-	-do-
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-	-	Mining has been suspended by IBM since 15/10/2013. Lessee has submitted draft ROMP which is currently being processed. No valid Mining Plan in force. Last approved Scheme of Mining lapsed in 2013.

Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No valid Mining Plan in force. Last approved Scheme of Mining lapsed in 2013.	Nil	Mining has been suspended by IBM since 15/10/2013. Lessee has submitted draft ROMP which is currently being processed.
8b	Concurrent use or storage of topsoil	-do-	-do-	-do-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	-do-	-do-	-do-

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	-do-	-do-	-do-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	-do-	-do-	-do-
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	-do-	-do-	-do-
8g	Survival rate	-do-	-do-	-do-
8h	Water sprinkling on roads to control airborne dust	-do-	-do-	-do-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-	-	Mining has been suspended by IBM since 15/10/2013. Lessee has submitted draft ROMP which is currently being processed. No valid Mining Plan in force. Last approved Scheme of Mining lapsed in 2013.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly and Annual Returns not filed	Nil	Mining has been suspended by IBM since 15/10/2013. Lessee has submitted draft ROMP which is currently being processed.

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	-do-	-do-	-do-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	-do-	-do-	-do-
9d	Scrutiny of Annual return on afforestation	-do-	-do-	-do-
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	-do-	-do-	-do-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	-do-	-do-	-do-
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	-do-	-do-	-do-
9h	Scrutiny of Annual return on fixed assets	-do-	-do-	-do-
9k	Scrutiny of Annual return on mining machineries	-do-	-do-	-do-

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

Date :

(Matiul Islam)

Indian Bureau of Mines