

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

**MCDR inspection REPORT
Ranchi regional office**

Mine file No : JHK/SKK//GOLD-01/RR0/2020

Mine code : 27JHK22001

- (i) Name of the Inspecting : **S011**) **SALIL SANDIP KUJUR**
Officer and ID No.
- (ii) Designation : Regional Controller Mines
- (iii) Accompanying mine : Gaurav Agrawal-Lessee, Mr. Gautam-GM_HR, Mines Manage
Official with
Designation
- (iv) Date of Inspection : 30/08/2022
- (v) Prev.inspection date : 08/10/2021

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **LAWA GOLD MINE**
- (b) **Registration NO.** : **IBM/4743/2011**
- (c) **Category** : A Fully Mechanised
- (d) **Type of Working** : Underground
- (e) **Postal address**
- State : JHARKHAND
- District : SARAIKELA-KHARASWAN
- Village :
- Taluka : Chandil
- Post office : Seema Gunda
- Pin Code : 800013
- FAX No. : 0657-2301243
- E-mail : mmiplindia@gmail.com/ mmip.
- Phone : 0657-2301243
- (f) **Police Station** : NIMDIH
- (g) **First opening date** : 15/07/2018
- (h) **Weekly day of rest** : SUN
2. **Address for** : VILL.-LAWA, P.S.- NIMDIH,
correspondance SUB DIVISION- CHANDIL,
DIST. - SARAIKELA - KHARSAWAN
3. (a) **Lease Number** :
- (b) **Lease area** :
- (c) **Period of lease** :
- (d) **Date of Expiry** :
4. **Mineral worked** : GOLD Main

5. Name and Address of the

Lessee : MANMOHAN MINERAL INDUSTRIES LTD.
 SHANTI NIKETAN, 286 NEW
 PATALIPUTRA COLONY PATNA
 PATNA BIHAR
 Phone: 0612-266668
 FAX :

Owner : GAURAV AGRAWAL (DIRECTOR)
 E/75, EAST LAYOUT, NEAR
 AERODROME, SONARI,
 JAMSHEDPUR SINGHBHUM (EAST)
 JHARKHAND
 Phone: 0657-3090313
 FAX : 0657-2310073

Agent : Sri Keshav Kumar
 Village- Lawa, Thana -
 Nimdih Dist. - Saraykela
 Kharsawan Jharkhand
 SARAIKELA-KHARASWAN
 JHARKHAND
 Phone: 9430349046
 FAX : 91-657-2301243

Manager

Name : SARJU PANDEY
 Qualification :
 Appointment/ :
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	18/07/2011
Plan/Scheme of Mining	:	MP modif under 17(3) MCR 2016	09/03/2022

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	305Mtr	305Mtr	NIL
1b	Exploration over lease area for geological axis 1 or 2	G1-7.98 Hac G2-2.86 Hac	G1-7.98 Hac G2-2.86 Hac	NIL
1c	Exploration Agencies and Expenditure in lakh rupees during the year	MMIPL 9,15,000.00	MMIPL 9,15,000.00	NIL
1d	Balance area to be explored to bring Geological axis in 1 or 2	43.71 Hac	43.71 Hac	SURFACE RIGHT ISSUE.
1e	Balance reserve as on 01/04/20	432708 t	418831 t	NIL

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	E404180 to E404381 N2546920 to N2546970	E404180 to E404381 N2546920 to N2546970	AS PER APPROVED MODIFICATION TO MP.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Not Applicable	Not Applicable	UNDERGROUND MINES.
2c	Stripping ratio or ore to OB ratio	Not Applicable	Not Applicable	Not Applicable
2d	Quantity of topsoil generation in m3	NIL	Not Applicable	NIL
2e	Quantity of overburden generation in m3	NIL	NIL	NIL
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NIL	NIL	THE DEVELOPMENT IS AS PER THE APPROVED MINE PLAN.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	3 Areas (Bhalukhad, Lal Khadan&Tamapah ar)	3 Areas (Bhalukhad, Lal Khadan&Tam apahar)	AS PER PROPOSAL
3b	Quantity of ROM mineral production proposed	5950 t	3682 t	VIOLETION ISSUED FOR LESS PRODUCTION THEN THE PROPOSAL.
3c	Recovery of sailable/usable mineral from ROM production	5950 t	3682 t	NIL
3d	Quantity of mineral reject generation	NIL	NIL	NIL
3e	Grade of mineral rejects generation and threshold value declared.	>1 GM/TONNE	>1 GM/TONNE	NIL
3f	Quantity of sub grade mineral generation.	NIL	NIL	NIL
3g	Grade of sub grade mineral generation	NA	NA	NIL
3h	Manual / Mechanised method adopted for segregating from ROM	Mannual	Mannual	NIL
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Applicable	Not Applicable	NIL
3j	Provision of drilling and blasting in mineral benches	Yes Jack Hammer Drilling	Yes Jack Hammer Drilling	Yes Jack Hammer Drilling IS USED
3k	Provision of mining machineries in mineral benches	YES	DRILL MACHINE, AND BATTERY OPERATED DUMPERS.	AS PER PLAN.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Not Applicable	Not Applicable	NIL

3m	Total area covered under excavation/pits	0.53 Hac	0.53 Hac	NIL
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	Drive-255 m Cross Cut-86 m Winze-25 m Raise-139 m	Drive-255 m Cross Cut-86 m Winze-25 m Raise-139 m	ALL DEVELOPMENT ARE WITHIN LIMIT.
3p	Production of ROM mineral during the last five year period as applicable	2017-18 N A 2018-19 4460 t 2019-20 7751 t 2020-21 7088 t 2021-22 5950 t	2017-18 N A 2018-19 1638 t 2019-20 4807 t 2020-21 2859 t 2021-22 3682 t	ALL PRODUCTION ARE WITHIN LIMIT
3q	General remarks of inspecting officers on method of mining etc.	NA	NA	NIL

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Not Applicable Raise-139 m	Not Applicable	Not Applicable
4b	Location of topsoil, OB and mineral reject dumps	E/W-404591 N/S-254681	E/W-404591 N/S-254681	OB REJECTS IS KEPT OUTSIDE UNDERGROUND FOR REFILLING AFTER STOPPING.
4c	Number of dumps within lease area and outside of lease area	1	1(Within Lease Area)	NIL
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	NIL
4e	Number of active and alive dumps.	1	1	AS PER PLAN
4f	Number of dead dumps.	NIL	NIL	NIL
4g	Number of dumps established.	NA	NA	NIL

4h	Whether Retaining wall or garland drain all along dumps are there.	Retaining wall E404565 to E404597 N2546766 to N2546759 Garland drain E404562 to E404597 N2546765 to N2546757	Retaining wall E404565 to E404597 N2546766 to N2546759 Garland drain E404562 to E404597 N2546765 to N2546757	RETAINING WALL IS MAINTAINED
4i	Length of Retaining wall or garland drain all along dumps	Retaining Wall Length-13mtr Garland Drain Length-15mtr	Retaining Wall Length-13mtr Garland Drain Length-15mtr	NIL
4j	Number of settling ponds	1	1	NIL
4k	Specific comments of inspecting officer on waste dump management	NA	NA	NIL

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.	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
5b	Area under backfilling of mined out area	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
5d	Total area fully reclaimed and rehabilitated	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	-	NIL

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).	2000 t	NIL		NIL, STOPPING NOT CARRIED OUT IN THE YEAR 2021-22
6b	Area available for rehabilitation (ha) .	NA	NA		NIL
6c	afforestation done (ha).	Not Applicable	Not	Applicable	Not Applicable
6d	No. of saplings planted during the year	Not Applicable	Not	Applicable	Not Applicable
6e	Cumulative no .of plants	Not Applicable	Not	Applicable	Not Applicable
6f	Any other method of rehabilitation	Not Applicable	Not	Applicable	Not Applicable
6g	Cost incurred on watch and care during the year	Not Applicable	Not	Applicable	Not Applicable
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Not Applicable	Not	Applicable	Not Applicable
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not Applicable	Not	Applicable	Not Applicable
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on on backfilled area	Not Applicable	Not	Applicable	Not Applicable
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not Applicable	Not	Applicable	Not Applicable

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Not Applicable	Not Applicable	Not Applicable
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	200 NOS OF SAPLINGS	200 NOS OF SAPLING WERE PLANTED	NIL
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	0.4 ha	0.4 ha	NIL
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	0.4 ha	0.4 ha	NIL
6p	Compliance of environmental monitoring (core zone and buffer zone)	Half Yearly From JSPCB	Half Yearly From JSPCB All Parameters within Limit	Half Yearly From JSPCB All Parameters within Limit
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	NIL

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Not Applicable	Not Applicable	Not Applicable
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not Applicable	Not Applicable	Not Applicable
7c	Different grade of mineral sorted out at mines.	Not Applicable	Not Applicable	Not Applicable

7d	Any beneficiation process at mines .	Plant in Side of the Lease Area (gold)	Plant in Side of the Lease Area (gold)	NIL
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-	-	SATISFACTORY

Environment:

Sl.No.	Item	Propasals	Actual work		Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not Applicable	Not	Applicable	Not Applicable
8b	Concurrent use or storage of topsoil	Not Applicable	Not	Applicable	Not Applicable
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not Applicable	Not	Applicable	Not Applicable
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Applicable	Not	Applicable	Not Applicable
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Applicable	Not	Applicable	Not Applicable
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	200 Nos	200	Nos	NIL
8g	Survival rate	50%	50%		NIL

8h	Water sprinkling on roads to control airborne dust	YES	Yes Water Sprinkling and Dust area should be Properly Covered	Yes Water Sprinkling and Dust area are Properly Covered
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-	-	satisfactory

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	submitted	submitted in time.	nil
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Keshav kumar, Agent Date of Appointment - 20.09.2021 Sarju Pandey, Manager Date of Appointment - 01.05.2018 Love kumar, Mining Engineer, Date of Appointment - 24.05.2021 Jhuman Kumar, Sr. Geologist, Date of Appointment - 15.11.2019	Keshav kumar, Agent Date of Appointment - 20.09.2021 Sarju Pandey, Manager Date of Appointment - 01.05.2018 Love kumar, Mining Engineer, Date of Appointment - 24.05.2021 Jhuman Kumar, Sr. Geologist, Date of Appointment - 15.11.2019	present at the time of inspection
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	nil	nil	nil
9d	Scrutiny of Annual return on afforestation	Plantation Done 200 nos	plantation carried out inside the mine boundary	nil

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	nil	nil	nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	2.6 gm/ton	2.6 gm/ton	nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	ex mine price = Rs17138	ex mine price found to be correct	nil
9h	Scrutiny of Annual return on fixed assets	Rs 9461886	Rs 9461886 found to be correct	nil
9k	Scrutiny of Annual return on mining machineries	drill machine = jack hammer battery operated dumpers plant	drill machine = jack hammer battery operated dumpers plant found during the inspection.	nil

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(1)	06/09/2022			

Date :
(SALIL SANDIP KUJUR)

Indian Bureau of Mines